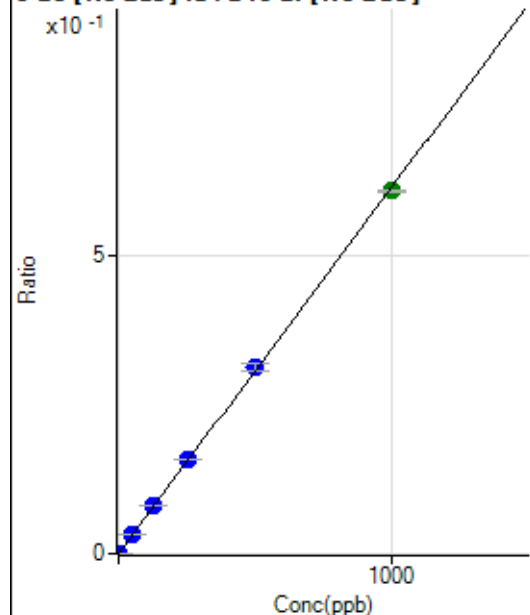


Calibration for 005CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8121622-MS.b\
 Analysis File: P8121622-MS.batch.bin
 DA Date-Time: 2022-12-19 17:27:17
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2022-12-16 14:41:33
2	005CALS.d	S02	2022-12-16 14:47:58
3	006CALS.d	S03	2022-12-16 14:51:12
4	007CALS.d	S04	2022-12-16 14:54:21
5	008CALS.d	S05	2022-12-16 14:57:31
6	009CALS.d	S06	2022-12-16 15:00:37
7	010CALS.d	S07	2022-12-16 15:03:46
8	011CALS.d	S08	2022-12-16 15:06:52

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	40.00	0.0000	P	4.4
2	☐	1.000	1.131	2104.90	0.0007	P	9.7
3	☐	50.000	52.863	102247.73	0.0326	P	1.4
4	☐	125.000	130.970	254024.06	0.0806	P	0.7
5	☐	250.000	259.314	492536.72	0.1597	P	0.5
6	☐	500.000	511.194	959288.99	0.3147	P	3.8
7	☐	1000.000	991.185	1855576.44	0.6102	A	0.7
8	☐			352.05	0.0001	P	15.8

$$y = 6.1564\text{E-}004 * x + 1.2736\text{E-}005$$

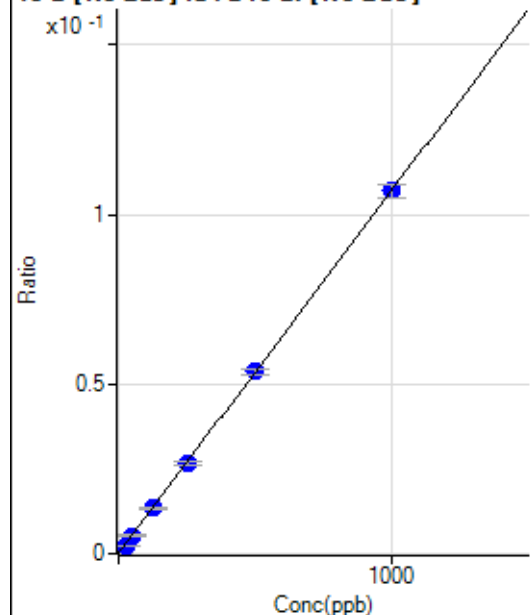
$$R = 0.9999$$

$$DL = 0.002738$$

$$BEC = 0.02069$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	329.94	0.0001	P	8.4
2	☐	25.000	19.196	6400.15	0.0022	P	12.5
3	☐	50.000	49.322	16886.35	0.0054	P	4.3
4	☐	125.000	125.236	42496.05	0.0135	P	2.9
5	☐	250.000	248.287	82191.23	0.0266	P	5.1
6	☐	500.000	501.848	163934.07	0.0537	P	3.3
7	☐	1000.000	999.654	325043.48	0.1070	P	4.0
8	☐			25859.71	0.0091	P	10.1

$$y = 1.0688\text{E-}004 * x + 1.0507\text{E-}004$$

$$R = 1.0000$$

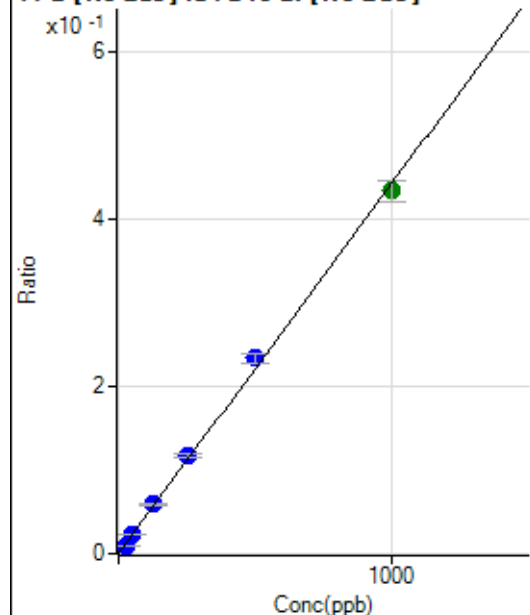
$$DL = 0.2491$$

$$BEC = 0.983$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1522.45	0.0005	P	6.7
2	☐	25.000	20.305	28107.92	0.0095	P	9.0
3	☐	50.000	51.980	73693.62	0.0235	P	4.6
4	☐	125.000	132.172	185613.08	0.0589	P	3.5
5	☐	250.000	265.670	363863.89	0.1179	P	3.0
6	☐	500.000	528.543	714006.68	0.2342	P	4.4
7	☐	1000.000	980.933	1319242.95	0.4342	A	6.0
8	☐			112799.84	0.0399	P	9.4

$$y = 4.4214\text{E-}004 * x + 4.8501\text{E-}004$$

$$R = 0.9992$$

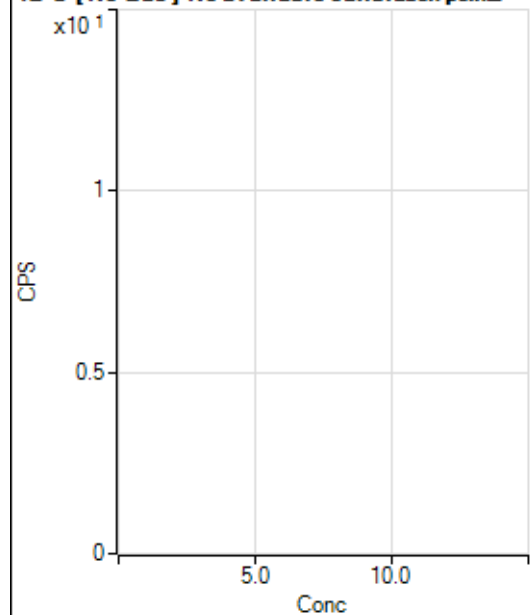
$$DL = 0.222$$

$$BEC = 1.097$$

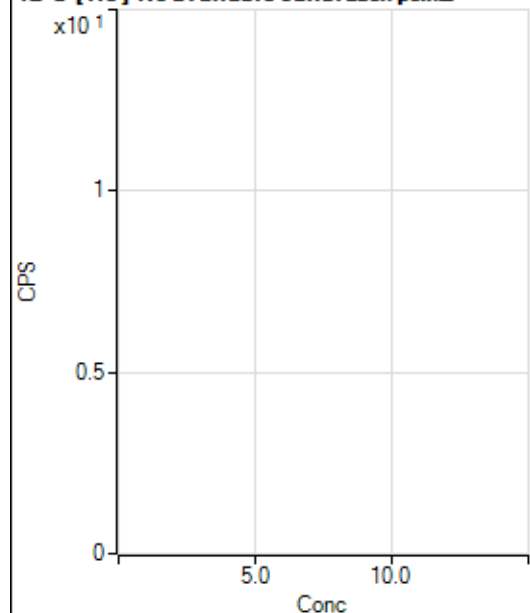
Weight: <None>

Min Conc: 0

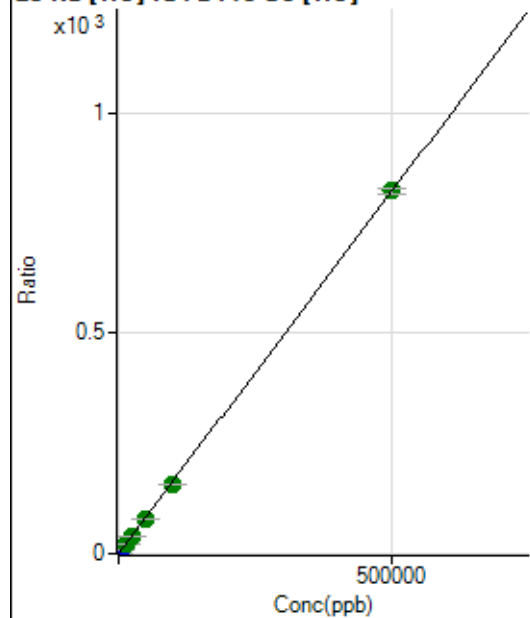
12 C [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			6687336.87		A	0.7
2	☐			6624239.25		A	1.1
3	☐			6922658.84		A	1.2
4	☐			7009752.59		A	0.8
5	☐			6969577.41		A	1.5
6	☐			7215067.18		A	0.8
7	☐			7412052.42		A	1.5
8	☐			7155589.31		A	0.9

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			69344.81		P	2.2
2	☐			69210.40		P	1.0
3	☐			71691.97		P	2.2
4	☐			73642.95		P	1.5
5	☐			74773.60		P	1.2
6	☐			74492.23		P	1.4
7	☐			78007.34		P	1.1
8	☐			77074.45		P	0.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	15414.02	0.1690	P	1.4
2	☐	500.000	465.117	84003.85	0.9323	P	5.8
3	☐	5000.000	4935.388	760257.95	8.2683	P	1.9
4	☐	12500.000	12595.258	1870468.94	20.8385	A	2.0
5	☐	25000.000	24545.638	3616999.91	40.4497	A	3.1
6	☐	50000.000	48207.696	7026608.49	79.2805	A	2.7
7	☐	100000.00	95223.769	14180756.74	156.4364	A	1.6
8	☐	500000.00	501155.49	71392192.57	822.5922	A	1.5

$$y = 0.0016 * x + 0.1690$$

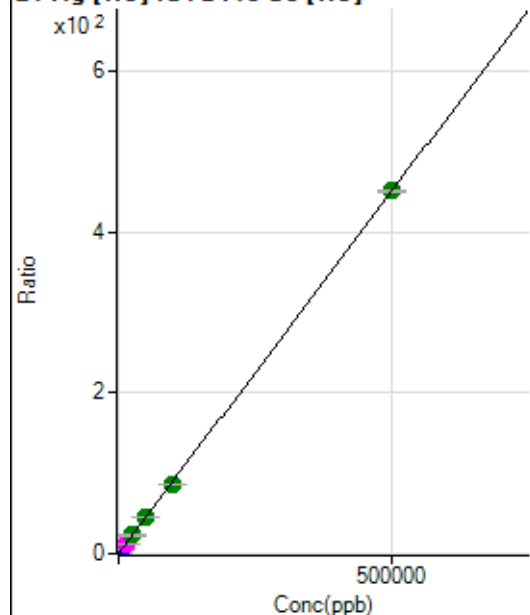
$$R = 0.9999$$

$$DL = 4.29$$

$$BEC = 103$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	300.01	0.0033	P	21.0
2	☐	500.000	478.977	39195.24	0.4350	P	5.5
3	☐	5000.000	5102.561	423172.21	4.6022	P	1.6
4	☐	12500.000	12741.030	1031049.29	11.4868	M	0.9
5	☐	25000.000	25595.692	2062973.90	23.0727	A	4.1
6	☐	50000.000	50188.205	4009299.91	45.2380	A	2.7
7	☐	100000.00	95482.253	7801403.47	86.0615	A	1.2
8	☐	500000.00	500847.91	39181069.97	451.4178	A	0.7

$$y = 9.0130\text{E-}004 * x + 0.0033$$

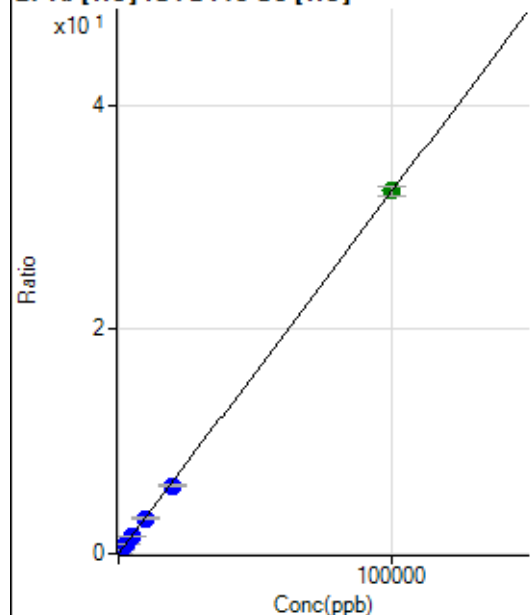
$$R = 0.9999$$

$$DL = 2.301$$

$$BEC = 3.655$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	64.57	0.0007	P	17.7
2	☐	20.000	18.986	615.77	0.0068	P	4.4
3	☐	1000.000	1002.958	29791.21	0.3240	P	0.7
4	☐	2500.000	2444.582	70783.93	0.7887	P	0.2
5	☐	5000.000	4953.088	142829.06	1.5972	P	2.7
6	☐	10000.000	9733.104	278101.61	3.1380	P	3.0
7	☐	20000.000	18766.248	548377.18	6.0496	P	2.1
8	☐	100000.00	100277.14	2805982.51	32.3230	A	2.8

$$y = 3.2233\text{E-}004 * x + 7.0837\text{E-}004$$

$$R = 0.9999$$

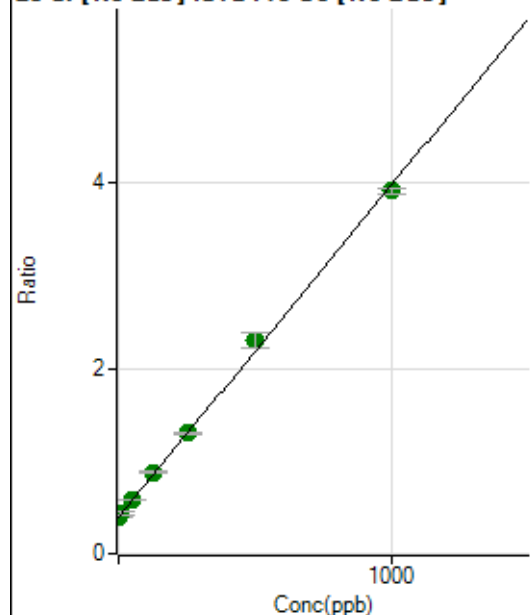
$$DL = 1.169$$

$$BEC = 2.198$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1210318.11	0.3946	A	4.1
2	☐	10.000	13.304	1244959.56	0.4423	A	7.8
3	☐	50.000	52.392	1788936.58	0.5825	A	2.8
4	☐	125.000	135.458	2678300.30	0.8804	A	1.0
5	☐	250.000	252.219	3906492.58	1.2991	A	0.3
6	☐	500.000	531.590	6805420.38	2.3009	A	6.9
7	☐	1000.000	982.190	11886580.39	3.9168	A	1.5
8	☐			1305159.55	0.4417	A	3.0

$$y = 0.0036 * x + 0.3946$$

$$R = 0.9992$$

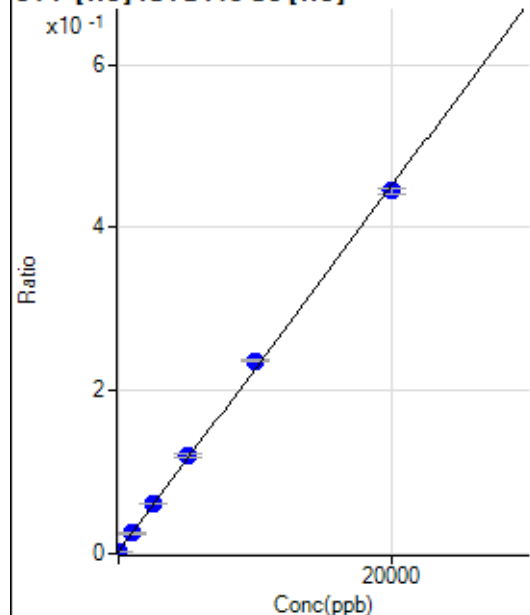
$$DL = 13.43$$

$$BEC = 110$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	1.752	250.01	0.0027	P	16.2
2	☐	0.000	-1.752	238.90	0.0027	P	25.6
3	☐	1000.000	1007.067	2325.24	0.0253	P	5.6
4	☐	2500.000	2632.238	5542.85	0.0617	P	1.7
5	☐	5000.000	5202.497	10676.40	0.1194	P	4.1
6	☐	10000.000	10413.857	20943.37	0.2363	P	0.9
7	☐	20000.000	19725.564	40356.91	0.4452	P	1.6
8	☐			247.23	0.0029	P	14.9

$$y = 2.2432E-005 * x + 0.0027$$

$$R = 0.9996$$

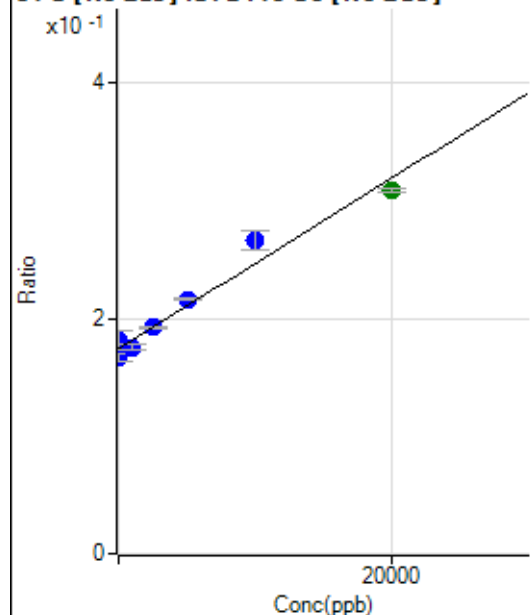
$$DL = 75.16$$

$$BEC = 120.4$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-974.211	513008.23	0.1673	P	4.0
2	☐	0.000	974.211	510239.48	0.1814	P	8.7
3	☐	1000.000	161.836	539046.06	0.1755	P	2.2
4	☐	2500.000	2473.202	584906.54	0.1923	P	1.2
5	☐	5000.000	5819.624	651070.45	0.2165	P	1.3
6	☐	10000.000	12700.165	788101.27	0.2664	P	6.6
7	☐	20000.000	18490.269	935998.70	0.3084	A	1.1
8	☐			438093.06	0.1482	P	1.2

$$y = 7.2502E-006 * x + 0.1743$$

$$R = 0.9803$$

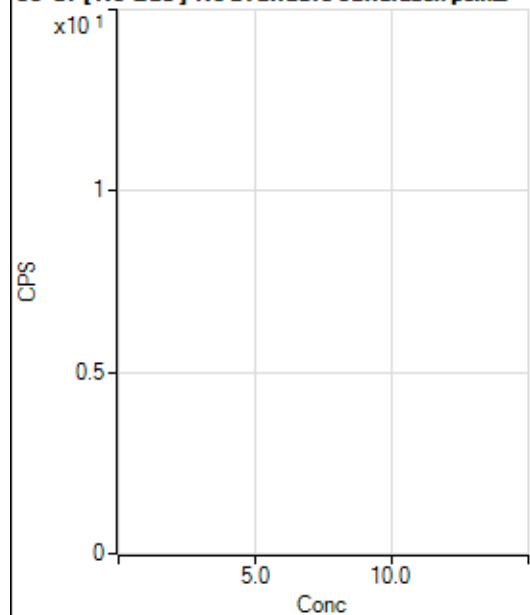
$$DL = 4635$$

$$BEC = 2.405E+04$$

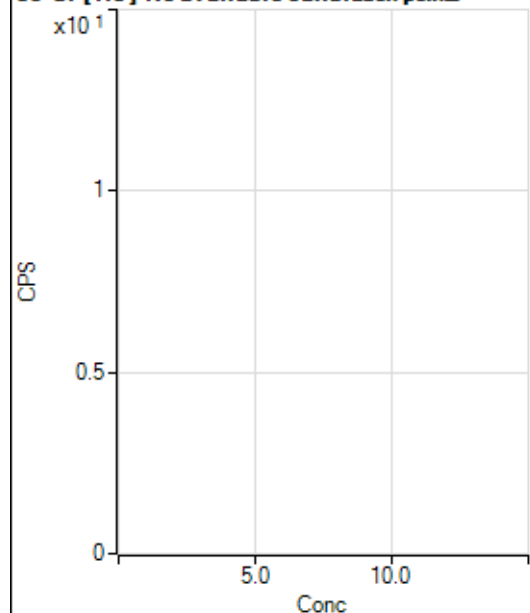
Weight: <None>

Min Conc: 0

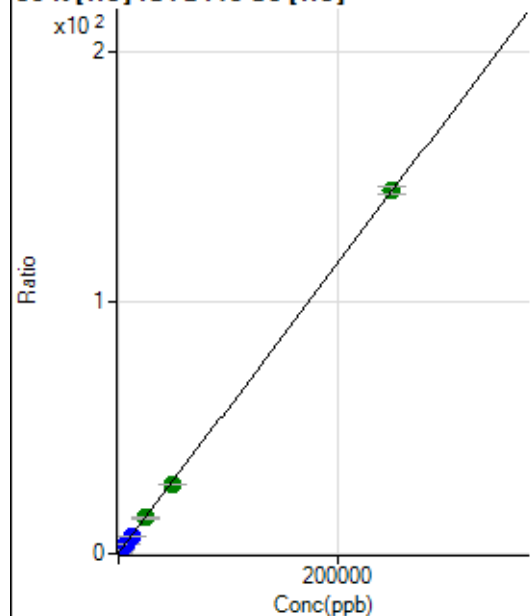
35 Cl [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			150105.37		P	0.4
2	☐			149993.09		P	1.2
3	☐			177193.95		P	1.3
4	☐			174017.53		P	1.1
5	☐			179576.92		P	1.3
6	☐			183400.30		P	1.3
7	☐			187510.95		P	0.7
8	☐			176429.57		P	0.5

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			911.16		P	13.0
2	☐			950.06		P	17.1
3	☐			1038.95		P	13.2
4	☐			1002.84		P	2.9
5	☐			1138.97		P	6.6
6	☐			1041.73		P	7.6
7	☐			1147.30		P	6.9
8	☐			980.62		P	4.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	24713.31	0.2710	P	3.6
2	☐	500.000	457.197	48130.71	0.5341	P	5.6
3	☐	2500.000	2458.774	155027.51	1.6860	P	1.1
4	☐	6250.000	5920.220	330107.45	3.6780	P	1.0
5	☐	12500.000	11967.892	640180.66	7.1583	P	1.4
6	☐	25000.000	24234.078	1259962.95	14.2171	A	2.7
7	☐	50000.000	47354.869	2494967.62	27.5226	A	0.6
8	☐	250000.00	250640.96	12544158.87	144.5088	A	2.1

$$y = 5.7548\text{E-}004 * x + 0.2710$$

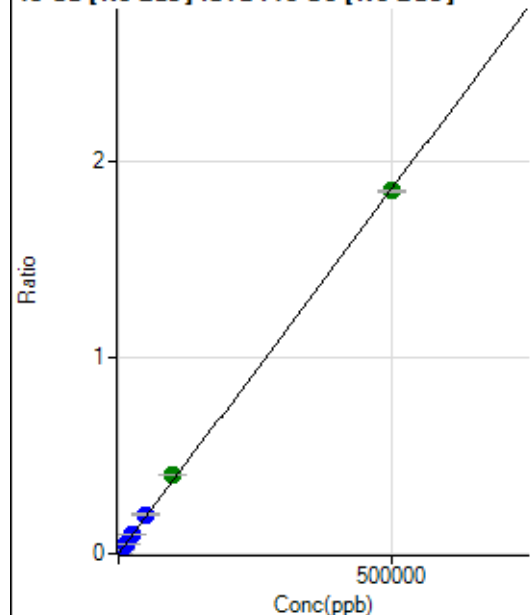
$$R = 0.9999$$

$$DL = 50.61$$

$$BEC = 471$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	137.48	0.0000	P	8.1
2	☐	500.000	511.087	5479.54	0.0019	P	7.5
3	☐	5000.000	5279.613	60460.23	0.0197	P	2.8
4	☐	12500.000	13227.917	149846.88	0.0493	P	0.4
5	☐	25000.000	26387.843	295309.63	0.0982	P	1.7
6	☐	50000.000	53602.168	590028.86	0.1995	P	6.6
7	☐	100000.00	108361.94	1223771.85	0.4032	A	0.7
8	☐	500000.00	497876.99	5474203.03	1.8523	A	0.7

$$y = 3.7202\text{E-}006 * x + 4.4829\text{E-}005$$

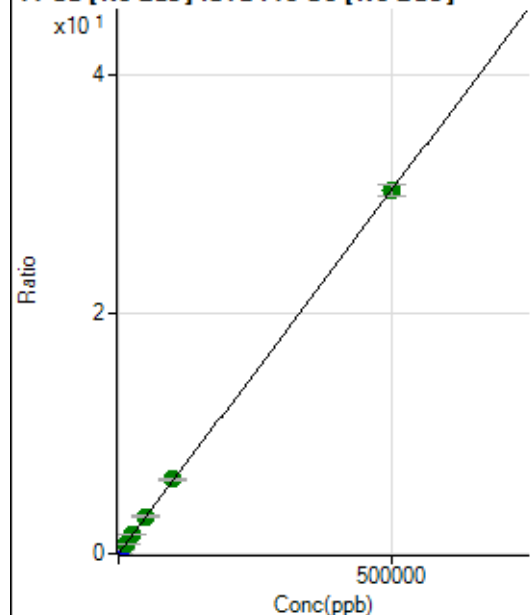
R = 0.9998

DL = 2.933

BEC = 12.05

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	14841.33	0.0048	P	4.4
2	☐	500.000	507.574	100184.22	0.0356	P	8.7
3	☐	5000.000	5044.542	954583.99	0.3107	P	1.7
4	☐	12500.000	13098.148	2431122.52	0.7991	A	1.2
5	☐	25000.000	25599.505	4682539.54	1.5572	A	0.8
6	☐	50000.000	50800.600	9127572.92	3.0854	A	6.4
7	☐	100000.00	102268.12	18828075.27	6.2063	A	3.7
8	☐	500000.00	499420.93	89500818.37	30.2896	A	3.2

$$y = 6.0640\text{E-}005 * x + 0.0048$$

R = 1.0000

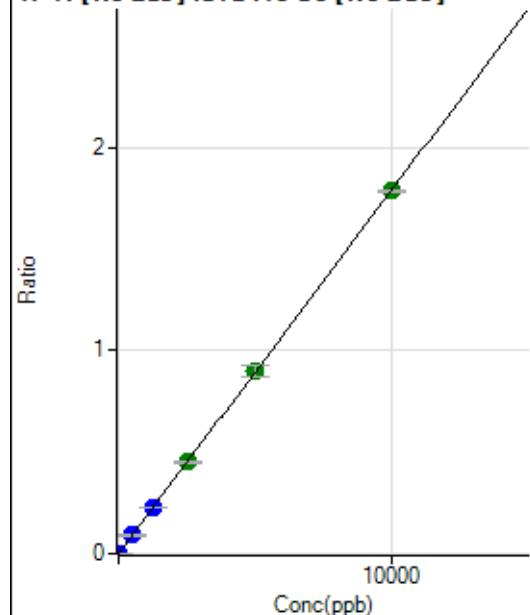
DL = 10.46

BEC = 79.8

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	197.23	0.0001	P	28.8
2	☐	5.000	5.391	2900.38	0.0010	P	6.5
3	☐	500.000	502.640	276571.35	0.0900	P	1.0
4	☐	1250.000	1262.842	687782.42	0.2261	P	1.8
5	☐	2500.000	2530.554	1362095.55	0.4530	A	1.3
6	☐	5000.000	5009.705	2652953.32	0.8967	A	6.1
7	☐	10000.000	9985.772	5424816.96	1.7872	A	0.6
8	☐			1322.32	0.0004	P	11.4

$$y = 1.7897E-004 * x + 6.4204E-005$$

$$R = 1.0000$$

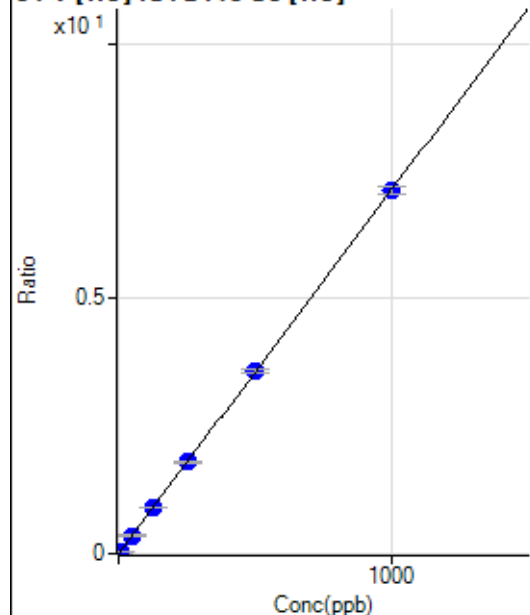
$$DL = 0.3099$$

$$BEC = 0.3587$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4.45	0.0000	P	86.6
2	☐	5.000	4.804	3088.14	0.0343	P	5.4
3	☐	50.000	49.913	32700.80	0.3556	P	1.5
4	☐	125.000	125.963	80553.86	0.8974	P	1.1
5	☐	250.000	251.908	160477.68	1.7946	P	2.7
6	☐	500.000	503.316	317774.26	3.5855	P	1.8
7	☐	1000.000	997.750	644288.25	7.1077	P	2.0
8	☐			190.00	0.0022	P	15.8

$$y = 0.0071 * x + 4.8800E-005$$

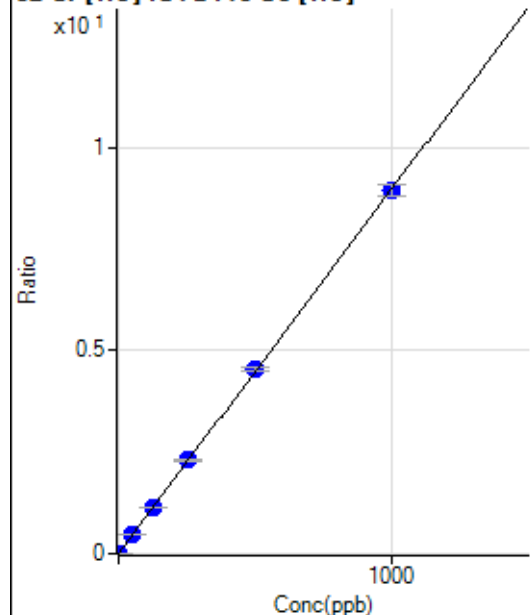
$$R = 1.0000$$

$$DL = 0.0178$$

$$BEC = 0.00685$$

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	308.90	0.0034	P	7.5
2	☐	2.000	1.983	1905.71	0.0212	P	11.6
3	☐	50.000	50.372	41814.33	0.4548	P	1.6
4	☐	125.000	125.378	101130.17	1.1269	P	1.9
5	☐	250.000	257.000	206234.51	2.3063	P	2.7
6	☐	500.000	504.639	401055.83	4.5253	P	2.2
7	☐	1000.000	995.865	809167.71	8.9271	P	3.4
8	☐			5670.07	0.0653	P	2.1

$$y = 0.0090 * x + 0.0034$$

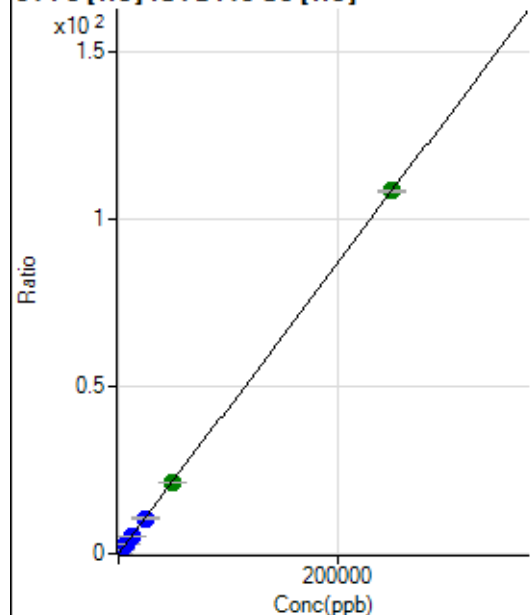
$$R = 1.0000$$

$$DL = 0.08489$$

$$BEC = 0.3779$$

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	553.72	0.0061	P	9.9
2	☐	50.000	45.718	2333.57	0.0259	P	4.4
3	☐	2500.000	2452.621	98309.29	1.0691	P	1.0
4	☐	6250.000	6147.234	239750.18	2.6705	P	1.9
5	☐	12500.000	12394.463	480959.57	5.3784	P	2.4
6	☐	25000.000	24300.518	933980.84	10.5390	P	3.1
7	☐	50000.000	48933.678	1923224.28	21.2160	A	1.1
8	☐	250000.00	250291.53	9416699.75	108.4931	A	0.7

$$y = 4.3344E-004 * x + 0.0061$$

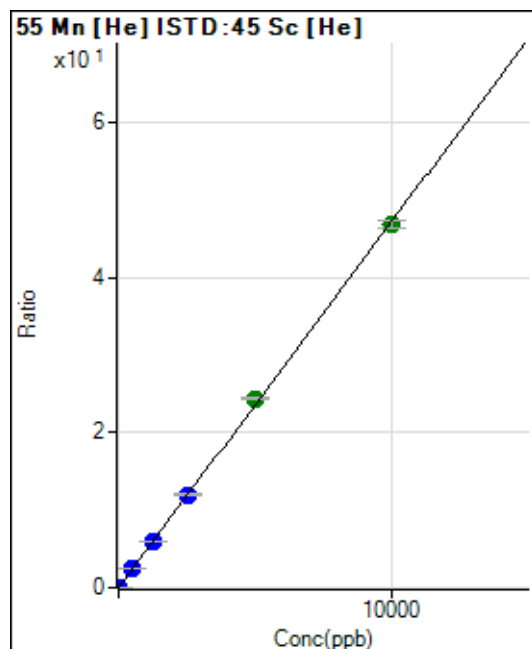
$$R = 1.0000$$

$$DL = 4.143$$

$$BEC = 14.01$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	26.67	0.0003	P	33.1
2	☐	1.000	1.074	482.24	0.0054	P	6.6
3	☐	500.000	503.572	218310.77	2.3742	P	1.7
4	☐	1250.000	1241.473	525311.73	5.8529	P	0.2
5	☐	2500.000	2530.125	1066633.79	11.9279	P	2.5
6	☐	5000.000	5155.464	2154102.83	24.3043	A	1.0
7	☐	10000.000	9915.624	4237227.16	46.7447	A	2.1
8	☐			4510.77	0.0520	P	5.0

$$y = 0.0047 * x + 2.9246E-004$$

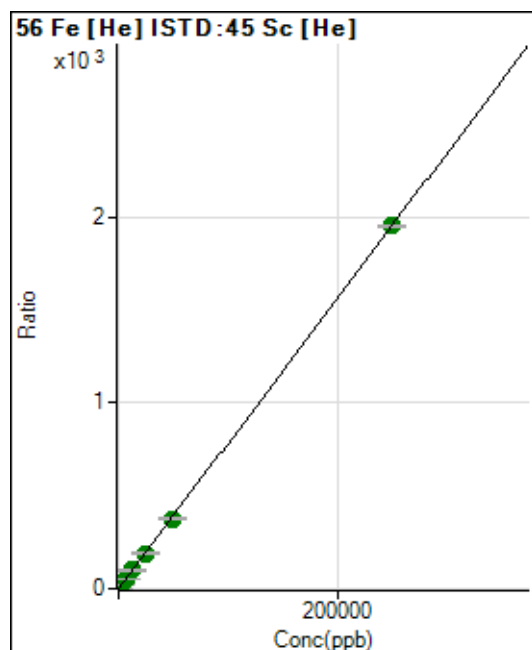
$$R = 0.9998$$

$$DL = 0.06151$$

$$BEC = 0.06204$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2318.75	0.0254	P	6.8
2	☐	50.000	45.917	34597.99	0.3839	P	5.3
3	☐	2500.000	2553.410	1835429.47	19.9613	A	2.2
4	☐	6250.000	6355.160	4454829.35	49.6437	A	1.4
5	☐	12500.000	12714.115	8878877.86	99.2917	A	2.7
6	☐	25000.000	24487.082	16946971.21	191.2098	A	2.4
7	☐	50000.000	48307.250	34190818.59	377.1873	A	2.3
8	☐	250000.00	250375.97	169665820.4	1,954.851	A	0.8

$$y = 0.0078 * x + 0.0254$$

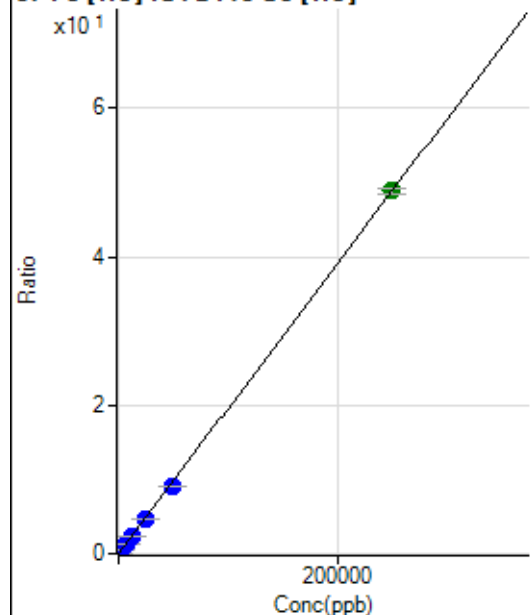
$$R = 1.0000$$

$$DL = 0.6639$$

$$BEC = 3.255$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	279.64	0.0031	P	10.4
2	☐	50.000	53.346	1216.74	0.0135	P	16.6
3	☐	2500.000	2422.527	43695.26	0.4752	P	1.3
4	☐	6250.000	6035.279	105845.33	1.1793	P	0.8
5	☐	12500.000	12271.860	214179.49	2.3948	P	1.2
6	☐	25000.000	23936.188	413752.49	4.6682	P	1.1
7	☐	50000.000	46890.763	828713.57	9.1419	P	1.1
8	☐	250000.00	250745.77	4241775.21	48.8727	A	1.2

$$y = 1.9490\text{E-}004 * x + 0.0031$$

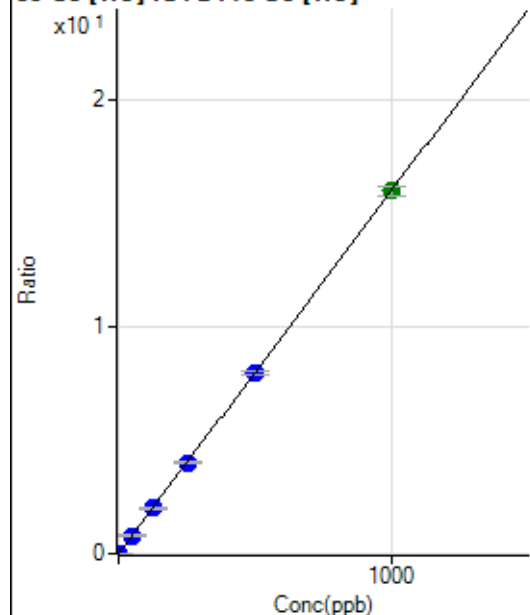
R = 0.9999

DL = 4.894

BEC = 15.74

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	64.44	0.0007	P	18.8
2	☐	1.000	0.979	1474.54	0.0164	P	11.3
3	☐	50.000	50.247	74091.05	0.8058	P	2.4
4	☐	125.000	124.913	179722.32	2.0021	P	1.3
5	☐	250.000	251.220	360027.15	4.0259	P	2.1
6	☐	500.000	500.203	710376.71	8.0153	P	2.2
7	☐	1000.000	999.592	1451817.83	16.0168	A	2.9
8	☐			1396.75	0.0161	P	4.7

$$y = 0.0160 * x + 7.0577\text{E-}004$$

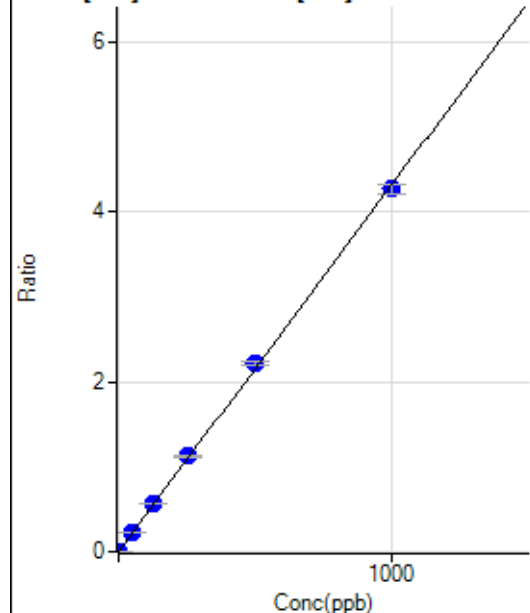
R = 1.0000

DL = 0.02482

BEC = 0.04405

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	23.33	0.0003	P	29.6
2	☐	1.000	0.971	402.23	0.0044	P	13.8
3	☐	50.000	51.709	20555.00	0.2236	P	3.5
4	☐	125.000	131.417	50957.85	0.5678	P	0.3
5	☐	250.000	260.577	100645.93	1.1255	P	2.7
6	☐	500.000	512.871	196308.40	2.2150	P	2.1
7	☐	1000.000	990.033	387555.73	4.2755	P	2.3
8	☐			1168.95	0.0135	P	4.9

$$y = 0.0043 * x + 2.5639E-004$$

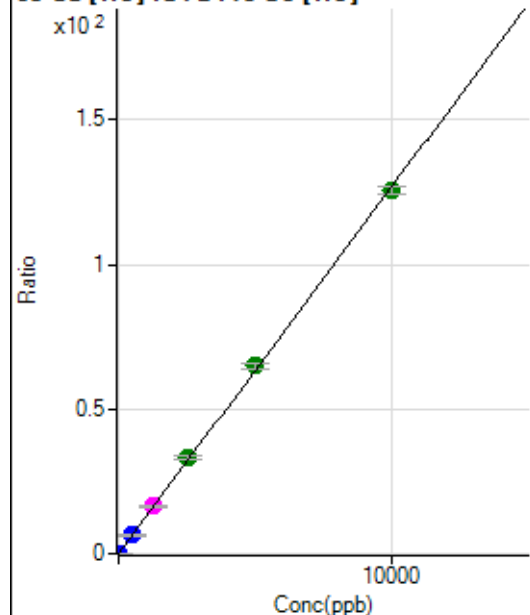
$$R = 0.9998$$

$$DL = 0.05276$$

$$BEC = 0.05937$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	680.03	0.0075	P	6.7
2	☐	2.000	1.954	2906.99	0.0322	P	2.1
3	☐	500.000	504.698	589160.66	6.4074	P	3.0
4	☐	1250.000	1300.375	1481184.99	16.4971	M	3.5
5	☐	2500.000	2640.701	2994784.02	33.4933	A	4.3
6	☐	5000.000	5124.221	5759272.35	64.9860	A	2.5
7	☐	10000.000	9896.183	11375972.19	125.4977	A	2.1
8	☐			3658.28	0.0422	P	1.8

$$y = 0.0127 * x + 0.0075$$

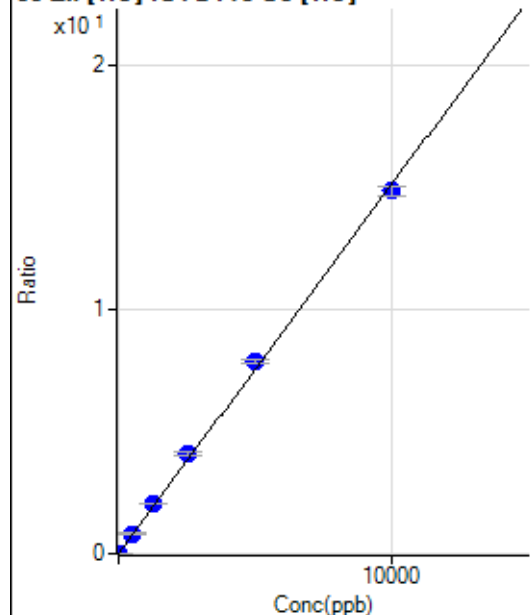
$$R = 0.9998$$

$$DL = 0.1176$$

$$BEC = 0.5882$$

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	83.33	0.0009	P	22.7
2	☐	2.000	2.561	430.01	0.0048	P	10.9
3	☐	500.000	542.641	75352.75	0.8195	P	2.6
4	☐	1250.000	1339.384	181423.17	2.0213	P	1.0
5	☐	2500.000	2722.133	367249.08	4.1071	P	3.6
6	☐	5000.000	5200.426	695324.41	7.8455	P	1.9
7	☐	10000.000	9830.949	1344308.82	14.8304	P	2.7
8	☐			1071.17	0.0123	P	7.9

$$y = 0.0015 * x + 9.1457E-004$$

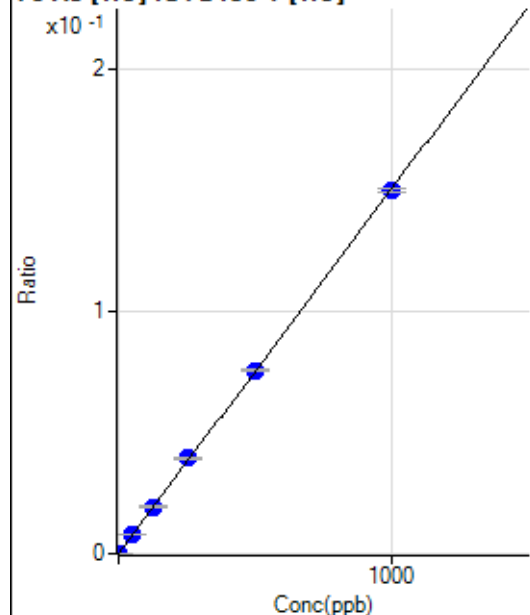
$$R = 0.9994$$

$$DL = 0.413$$

$$BEC = 0.6063$$

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	6.00	0.0000	P	35.1
2	☐	1.000	0.975	96.01	0.0002	P	11.1
3	☐	50.000	51.285	4757.95	0.0077	P	1.6
4	☐	125.000	127.875	11541.22	0.0192	P	3.8
5	☐	250.000	262.266	23478.14	0.0395	P	1.7
6	☐	500.000	503.469	45473.00	0.0757	P	1.7
7	☐	1000.000	994.775	90186.70	0.1496	P	1.0
8	☐			33.33	0.0001	P	25.2

$$y = 1.5039E-004 * x + 9.7412E-006$$

$$R = 0.9999$$

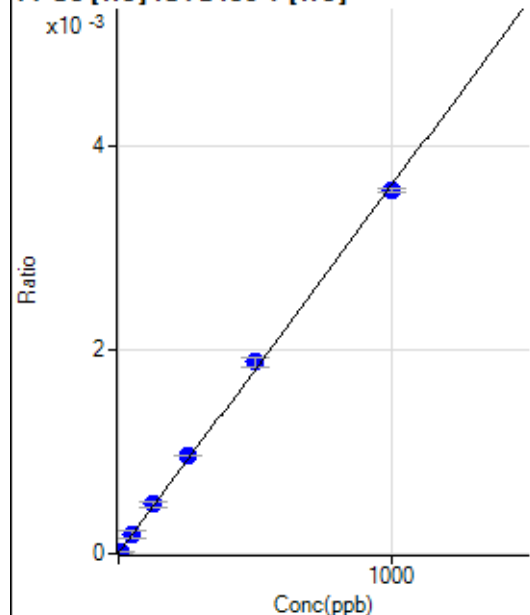
$$DL = 0.0682$$

$$BEC = 0.06477$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.6
2	☐	5.000	4.024	11.11	0.0000	P	76.0
3	☐	50.000	52.647	118.89	0.0002	P	35.9
4	☐	125.000	133.386	291.12	0.0005	P	11.2
5	☐	250.000	263.251	567.80	0.0010	P	0.0
6	☐	500.000	520.170	1130.06	0.0019	P	4.6
7	☐	1000.000	985.427	2146.85	0.0036	P	1.0
8	☐			4.44	0.0000	P	44.3

$$y = 3.6107\text{E-}006 * x + 3.5505\text{E-}006$$

$$R = 0.9996$$

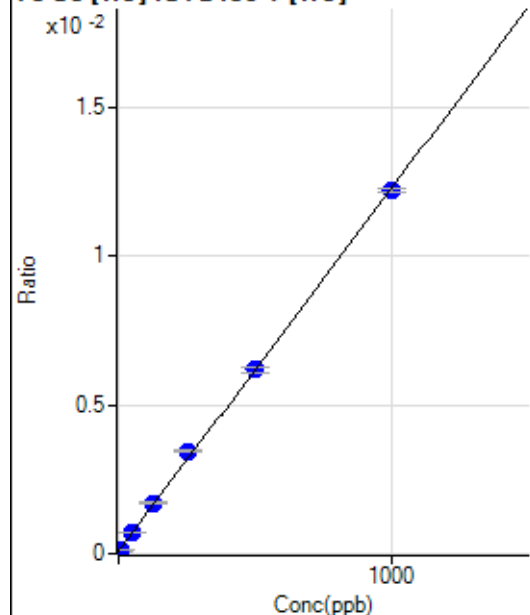
$$DL = 2.555$$

$$BEC = 0.9833$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	56.01	0.0001	P	3.7
2	☐	5.000	3.698	83.01	0.0001	P	12.5
3	☐	50.000	51.781	445.05	0.0007	P	2.3
4	☐	125.000	131.875	1019.81	0.0017	P	5.0
5	☐	250.000	274.356	2047.03	0.0034	P	2.4
6	☐	500.000	499.950	3718.87	0.0062	P	2.9
7	☐	1000.000	992.994	7361.00	0.0122	P	1.1
8	☐			44.34	0.0001	P	21.4

$$y = 1.2206\text{E-}005 * x + 9.0557\text{E-}005$$

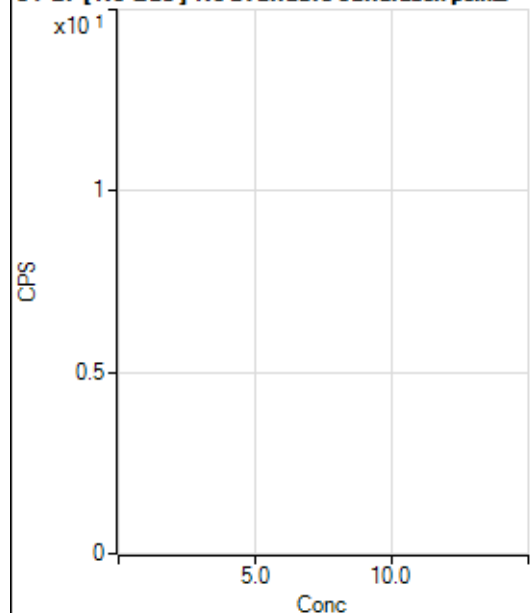
$$R = 0.9997$$

$$DL = 0.8246$$

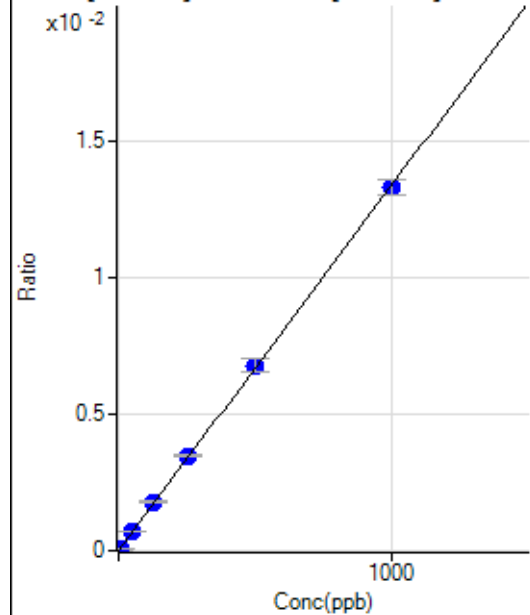
$$BEC = 7.419$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			31080.26		P	4.1
2	☐			31538.19		P	2.2
3	☐			31117.04		P	0.3
4	☐			30404.67		P	2.0
5	☐			29067.06		P	3.4
6	☐			28736.10		P	1.1
7	☐			28027.04		P	3.9
8	☐			26833.48		P	1.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	12.92	0.0000	P	321.
2	☐	5.000	5.608	418.72	0.0001	P	7.1
3	☐	50.000	51.867	4151.88	0.0007	P	1.3
4	☐	125.000	133.094	10510.82	0.0018	P	3.3
5	☐	250.000	259.884	20422.37	0.0035	P	3.5
6	☐	500.000	506.740	40326.86	0.0068	P	7.0
7	☐	1000.000	993.051	79436.87	0.0133	P	4.4
8	☐			74.16	0.0000	P	32.2

$$y = 1.3355E-005 * x + 2.2776E-006$$

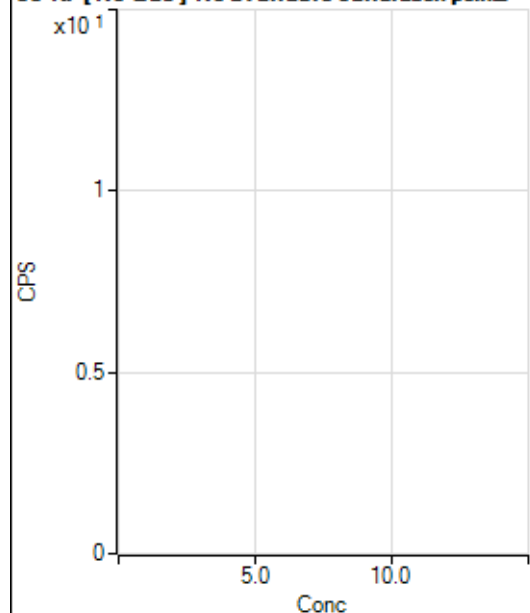
$$R = 0.9999$$

$$DL = 1.643$$

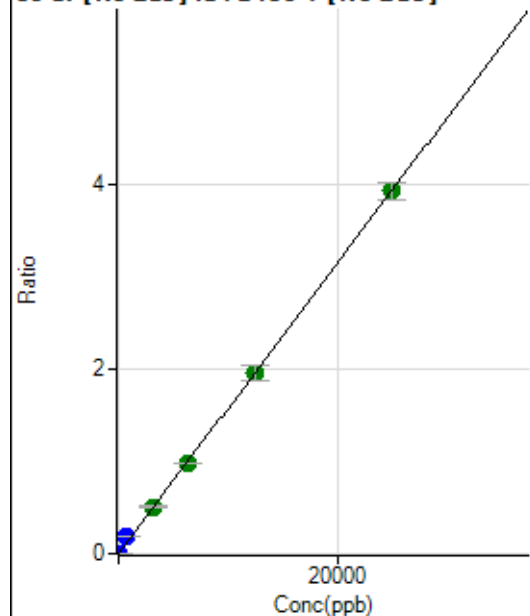
$$BEC = 0.1705$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			367.04		P	5.4
2	☐			377.88		P	9.6
3	☐			362.04		P	5.0
4	☐			360.79		P	1.6
5	☐			366.63		P	3.2
6	☐			359.96		P	10.5
7	☐			361.63		P	8.3
8	☐			379.96		P	2.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	636.14	0.0001	P	6.7
2	☐	1.000	1.253	1644.59	0.0003	P	8.9
3	☐	625.000	1238.603	1162347.93	0.1946	P	2.0
4	☐	3125.000	3206.718	2973943.69	0.5035	A	3.8
5	☐	6250.000	6212.300	5739042.06	0.9754	A	0.4
6	☐	12500.000	12436.491	11624405.64	1.9526	A	7.9
7	☐	25000.000	25015.625	23515829.52	3.9274	A	5.0
8	☐			7290.99	0.0012	P	6.0

$$y = 1.5699E-004 * x + 1.0678E-004$$

$$R = 0.9997$$

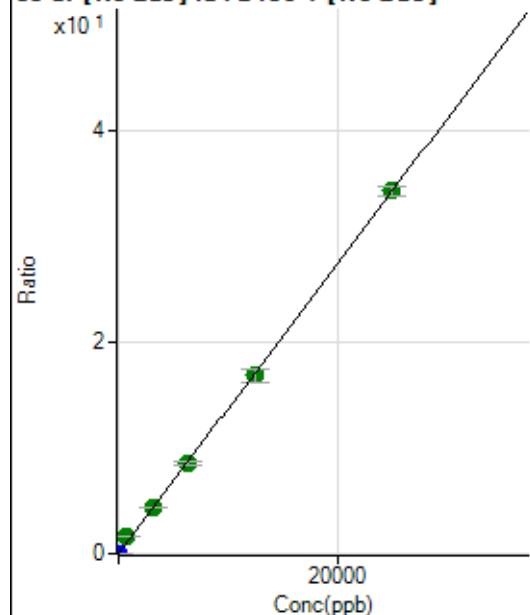
$$DL = 0.1357$$

$$BEC = 0.6802$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	72.22	0.0000	P	38.3
2	☐	1.000	1.018	7596.72	0.0014	P	7.9
3	☐	625.000	1231.891	10043977.05	1.6812	A	1.3
4	☐	3125.000	3174.314	25587967.76	4.3322	A	2.7
5	☐	6250.000	6224.681	49955674.38	8.4952	A	3.2
6	☐	12500.000	12308.008	100030840.4	16.7975	A	7.9
7	☐	25000.000	25080.989	205080583.7	34.2295	A	2.5
8	☐			59926.22	0.0101	P	4.9

$$y = 0.0014 * x + 1.2031E-005$$

$$R = 0.9996$$

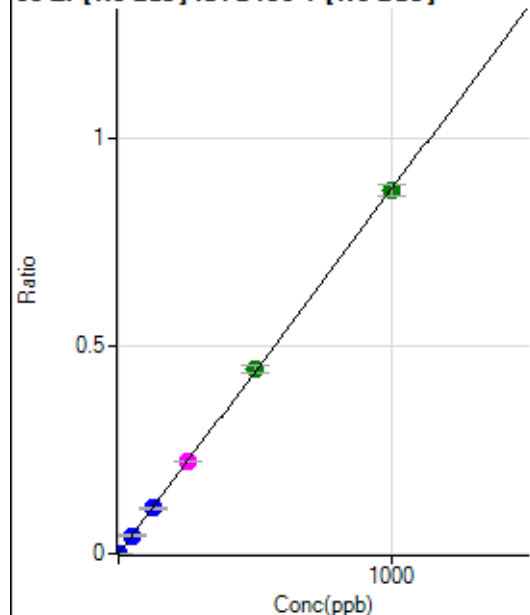
$$DL = 0.01013$$

$$BEC = 0.008816$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	236.12	0.0000	P	29.2
2	☐	1.000	1.023	5087.17	0.0009	P	7.5
3	☐	50.000	49.509	260006.42	0.0435	P	3.1
4	☐	125.000	125.956	653413.45	0.1107	P	4.1
5	☐	250.000	253.784	1311398.38	0.2229	M	1.1
6	☐	500.000	507.155	2655947.15	0.4454	A	4.8
7	☐	1000.000	995.382	5236671.56	0.8742	A	3.1
8	☐			1497.34	0.0003	P	12.9

$$y = 8.7824E-004 * x + 3.9710E-005$$

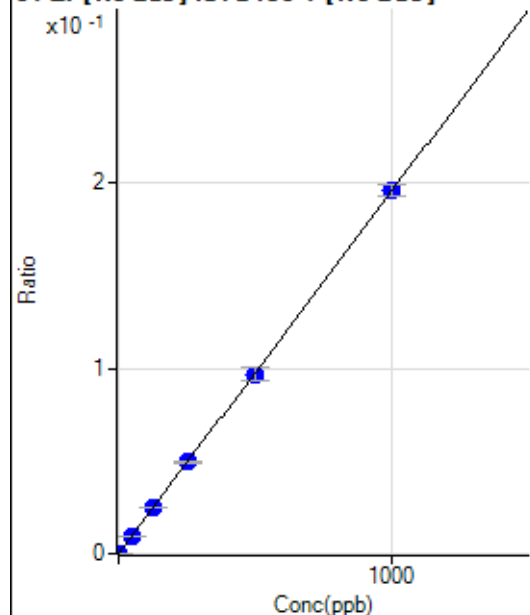
$$R = 1.0000$$

$$DL = 0.03961$$

$$BEC = 0.04522$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	47.22	0.0000	P	23.0
2	☐	1.000	1.079	1183.42	0.0002	P	13.8
3	☐	50.000	49.784	58164.16	0.0097	P	1.2
4	☐	125.000	127.459	147127.79	0.0249	P	3.9
5	☐	250.000	252.368	290219.62	0.0493	P	1.5
6	☐	500.000	495.260	576381.15	0.0968	P	7.4
7	☐	1000.000	1001.481	1172302.34	0.1957	P	3.2
8	☐			330.57	0.0001	P	18.6

$$y = 1.9541\text{E-}004 * x + 7.9482\text{E-}006$$

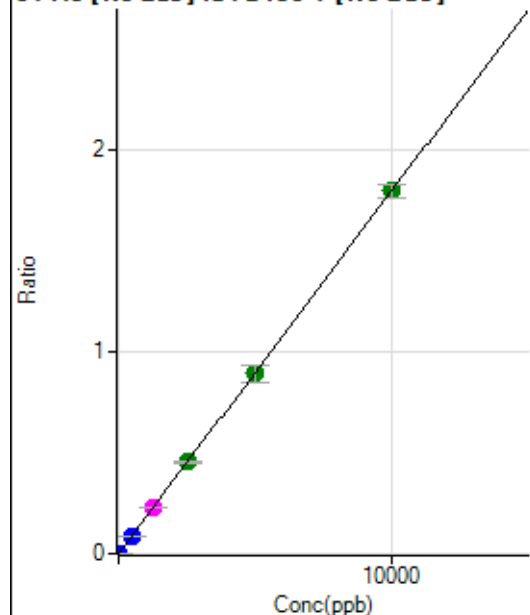
$$R = 1.0000$$

$$DL = 0.02802$$

$$BEC = 0.04067$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	91.67	0.0000	P	40.6
2	☐	5.000	6.372	6254.35	0.0012	P	14.6
3	☐	500.000	494.890	530673.18	0.0888	P	1.7
4	☐	1250.000	1269.506	1345746.07	0.2278	M	2.5
5	☐	2500.000	2534.873	2677025.21	0.4549	A	1.7
6	☐	5000.000	4964.868	5301995.39	0.8910	A	8.9
7	☐	10000.000	10006.664	10757155.71	1.7957	A	3.7
8	☐			3175.46	0.0005	P	3.0

$$y = 1.7945\text{E-}004 * x + 1.5299\text{E-}005$$

$$R = 1.0000$$

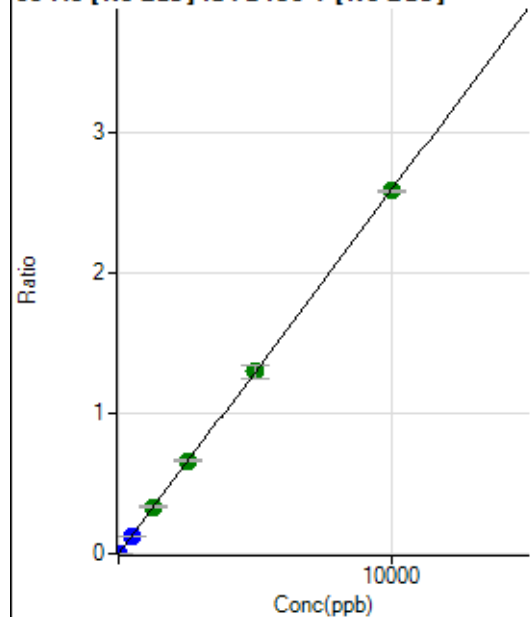
$$DL = 0.104$$

$$BEC = 0.08525$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	30.55	0.0000	P	68.6
2	☐	5.000	5.297	7454.97	0.0014	P	8.2
3	☐	500.000	496.644	767340.58	0.1284	P	1.7
4	☐	1250.000	1286.782	1965347.05	0.3328	A	2.9
5	☐	2500.000	2545.746	3872742.27	0.6583	A	1.6
6	☐	5000.000	5013.336	7723251.65	1.2965	A	7.0
7	☐	10000.000	9977.466	15466131.77	2.5802	A	0.2
8	☐			4495.32	0.0008	P	5.6

$$y = 2.5860E-004 * x + 5.1585E-006$$

$$R = 1.0000$$

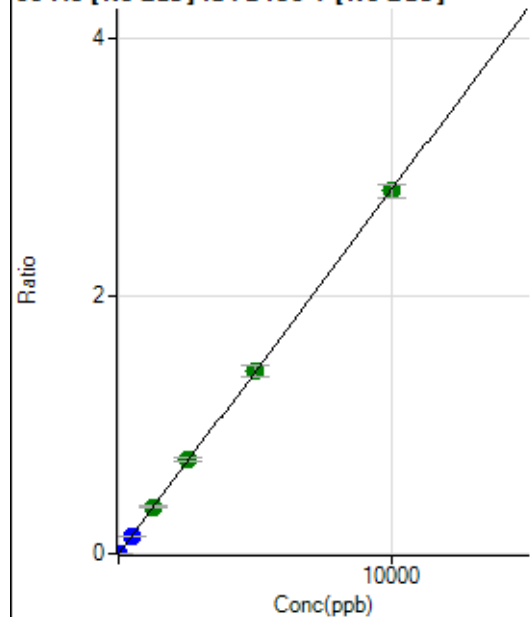
$$DL = 0.04106$$

$$BEC = 0.01995$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	138.90	0.0000	P	25.4
2	☐	5.000	5.181	8041.43	0.0015	P	11.7
3	☐	500.000	490.839	828360.84	0.1387	P	1.8
4	☐	1250.000	1286.839	2147094.58	0.3635	A	1.8
5	☐	2500.000	2577.962	4281758.17	0.7281	A	3.4
6	☐	5000.000	5014.194	8438774.41	1.4162	A	6.4
7	☐	10000.000	9969.266	16865058.71	2.8157	A	3.7
8	☐			8700.22	0.0015	P	3.3

$$y = 2.8243E-004 * x + 2.3391E-005$$

$$R = 1.0000$$

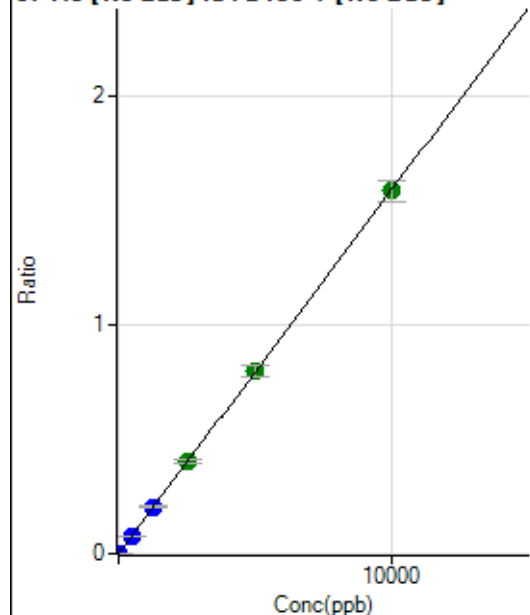
$$DL = 0.06308$$

$$BEC = 0.08282$$

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	11.11	0.0000	P	113.
2	☐	5.000	5.485	4748.16	0.0009	P	7.2
3	☐	500.000	492.557	468536.32	0.0784	P	2.1
4	☐	1250.000	1275.929	1199739.91	0.2032	P	3.7
5	☐	2500.000	2535.475	2374020.23	0.4037	A	3.5
6	☐	5000.000	5022.728	4763779.36	0.7998	A	6.9
7	☐	10000.000	9976.898	9511729.12	1.5886	A	5.5
8	☐			2575.30	0.0004	P	1.6

$$y = 1.5923\text{E-}004 * x + 1.8280\text{E-}006$$

$$R = 1.0000$$

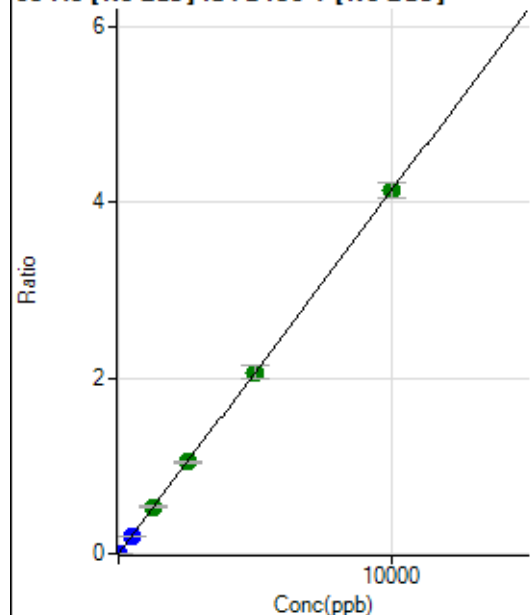
$$DL = 0.03917$$

$$BEC = 0.01148$$

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	36.11	0.0000	P	28.4
2	☐	5.000	5.245	11783.07	0.0022	P	8.7
3	☐	500.000	486.580	1202226.85	0.2012	P	1.4
4	☐	1250.000	1292.607	3155465.11	0.5346	A	6.0
5	☐	2500.000	2525.062	6143253.35	1.0443	A	1.1
6	☐	5000.000	4990.901	12290854.62	2.0641	A	7.5
7	☐	10000.000	9993.629	24752385.97	4.1330	A	4.2
8	☐			6290.51	0.0011	P	1.5

$$y = 4.1356\text{E-}004 * x + 6.0820\text{E-}006$$

$$R = 1.0000$$

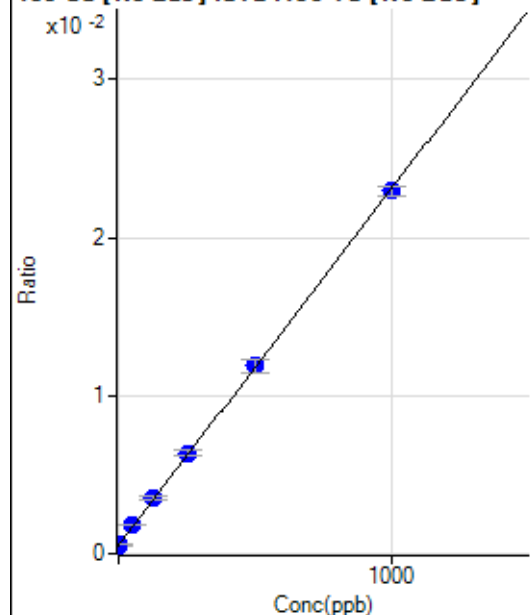
$$DL = 0.01254$$

$$BEC = 0.01471$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1941.86	0.0005	P	1.3
2	☐	1.000	2.673	2025.22	0.0006	P	2.9
3	☐	50.000	57.153	6632.33	0.0018	P	5.2
4	☐	125.000	133.918	13201.13	0.0035	P	5.9
5	☐	250.000	259.779	24004.93	0.0064	P	5.1
6	☐	500.000	504.043	45659.80	0.0119	P	6.9
7	☐	1000.000	994.059	89868.25	0.0230	P	2.7
8	☐			1936.31	0.0005	P	9.3

$$y = 2.2568\text{E-}005 * x + 5.2439\text{E-}004$$

$$R = 0.9999$$

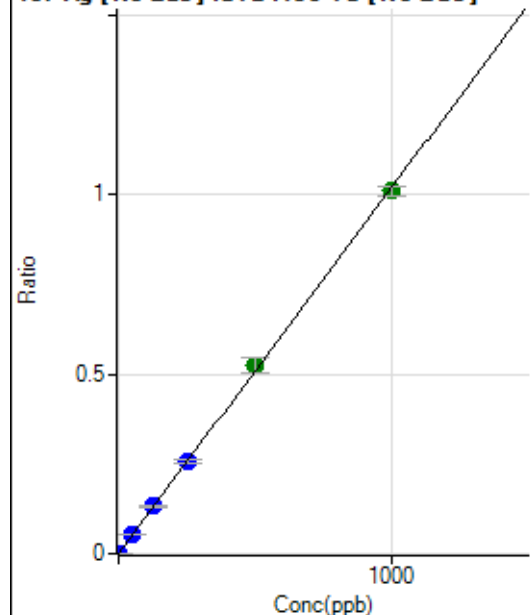
$$DL = 0.9172$$

$$BEC = 23.24$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	113.89	0.0000	P	16.7
2	☐	1.000	1.040	3772.84	0.0011	P	1.0
3	☐	50.000	53.151	198061.68	0.0542	P	2.5
4	☐	125.000	129.154	489775.08	0.1315	P	2.3
5	☐	250.000	251.273	961901.43	0.2559	P	3.4
6	☐	500.000	514.900	2011185.03	0.5244	A	7.7
7	☐	1000.000	991.555	3952724.57	1.0097	A	2.3
8	☐			1825.19	0.0005	P	10.8

$$y = 0.0010 * x + 3.0744\text{E-}005$$

$$R = 0.9998$$

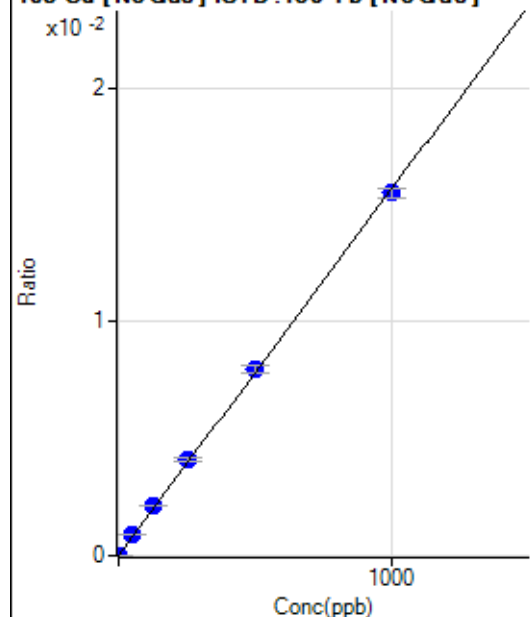
$$DL = 0.01509$$

$$BEC = 0.03019$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12.50	0.0000	P	34.0
2	☐	1.000	1.087	69.45	0.0000	P	40.4
3	☐	50.000	56.811	3268.48	0.0009	P	3.9
4	☐	125.000	136.120	7951.00	0.0021	P	1.0
5	☐	250.000	263.537	15528.36	0.0041	P	3.5
6	☐	500.000	510.045	30691.26	0.0080	P	4.1
7	☐	1000.000	989.863	60699.67	0.0155	P	2.9
8	☐			20.83	0.0000	P	72.4

$$y = 1.5662E-005 * x + 3.3783E-006$$

$$R = 0.9998$$

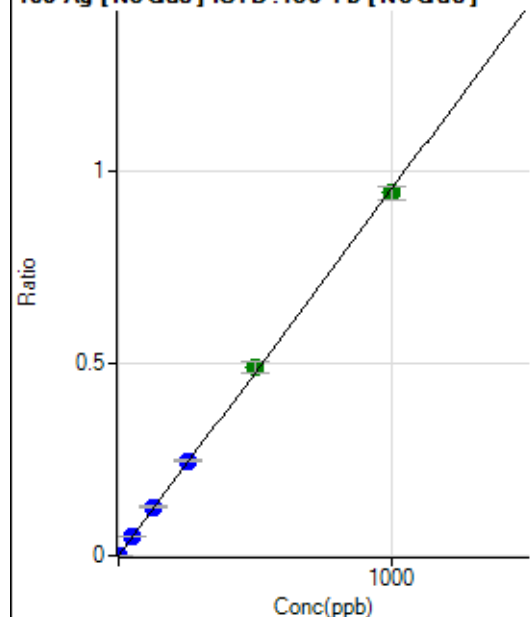
$$DL = 0.2199$$

$$BEC = 0.2157$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	75.00	0.0000	P	40.4
2	☐	1.000	1.113	3717.27	0.0011	P	10.3
3	☐	50.000	53.600	186399.40	0.0510	P	4.4
4	☐	125.000	132.785	470221.37	0.1263	P	1.8
5	☐	250.000	257.750	921551.58	0.2451	P	1.9
6	☐	500.000	513.887	1875048.52	0.4887	A	6.6
7	☐	1000.000	989.966	3684815.06	0.9414	A	3.4
8	☐			1758.50	0.0005	P	6.9

$$y = 9.5092E-004 * x + 2.0257E-005$$

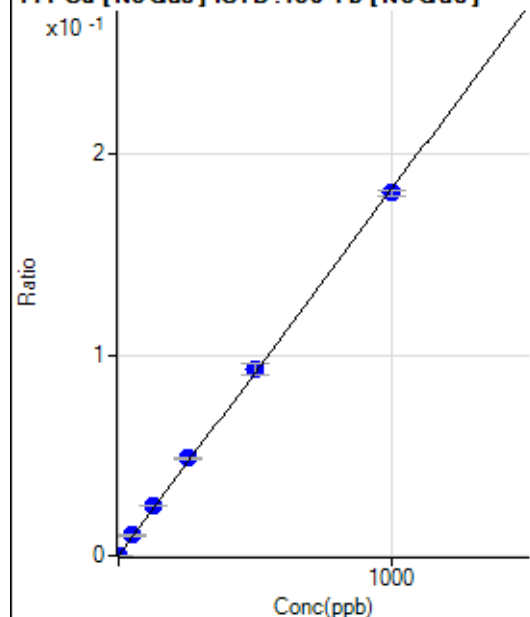
$$R = 0.9998$$

$$DL = 0.02579$$

$$BEC = 0.0213$$

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	199.33	0.0001	P	2.0
2	☐	1.000	1.130	898.39	0.0003	P	3.8
3	☐	50.000	55.006	36891.94	0.0101	P	3.2
4	☐	125.000	135.522	92252.45	0.0248	P	1.9
5	☐	250.000	265.798	182500.46	0.0485	P	1.9
6	☐	500.000	508.603	356238.87	0.0928	P	6.4
7	☐	1000.000	990.183	707400.88	0.1807	P	1.5
8	☐			488.78	0.0001	P	3.8

$$y = 1.8243\text{E-}004 * x + 5.3830\text{E-}005$$

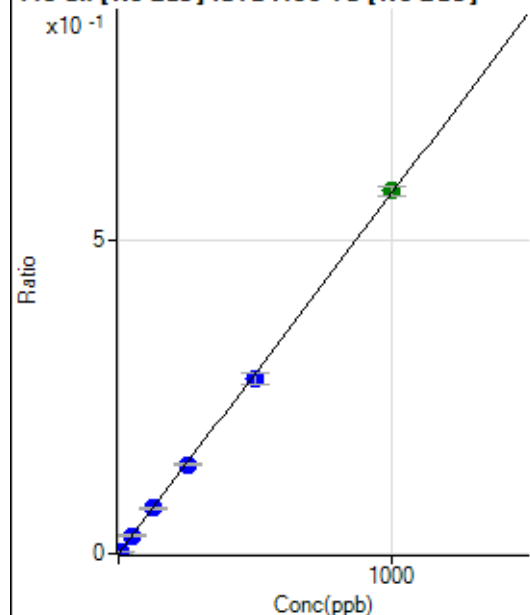
$$R = 0.9998$$

$$DL = 0.01744$$

$$BEC = 0.2951$$

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	915.24	0.0002	P	137.
2	☐	5.000	4.963	10693.44	0.0031	P	5.2
3	☐	50.000	49.666	105121.50	0.0287	P	2.7
4	☐	125.000	125.738	269559.19	0.0724	P	2.4
5	☐	250.000	247.429	534702.53	0.1422	P	1.9
6	☐	500.000	487.219	1073818.63	0.2798	P	6.2
7	☐	1000.000	1006.958	2262981.95	0.5781	A	2.6
8	☐			2539.19	0.0007	P	3.9

$$y = 5.7384\text{E-}004 * x + 2.4803\text{E-}004$$

$$R = 0.9999$$

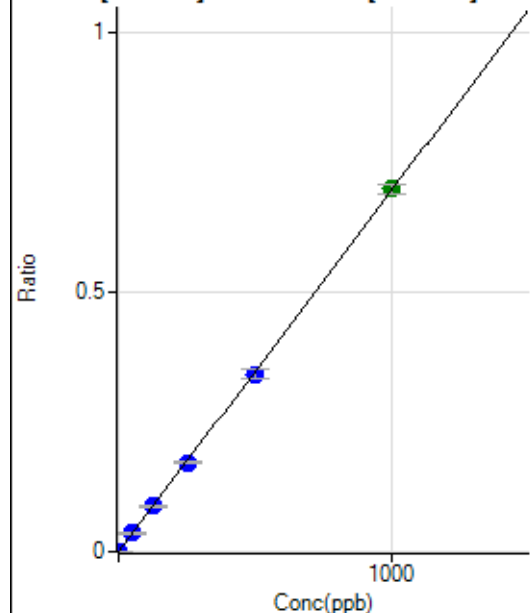
$$DL = 1.788$$

$$BEC = 0.4322$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	16.67	0.0000	P	51.0
2	☐	2.000	1.936	4659.26	0.0013	P	8.5
3	☐	50.000	50.661	128730.10	0.0352	P	2.7
4	☐	125.000	125.436	324480.45	0.0871	P	1.9
5	☐	250.000	246.733	644419.65	0.1714	P	2.3
6	☐	500.000	491.438	1310608.76	0.3414	P	5.3
7	☐	1000.000	1005.010	2733124.78	0.6982	A	2.9
8	☐			1833.51	0.0005	P	7.0

$$y = 6.9474\text{E-}004 * x + 4.5206\text{E-}006$$

$$R = 0.9999$$

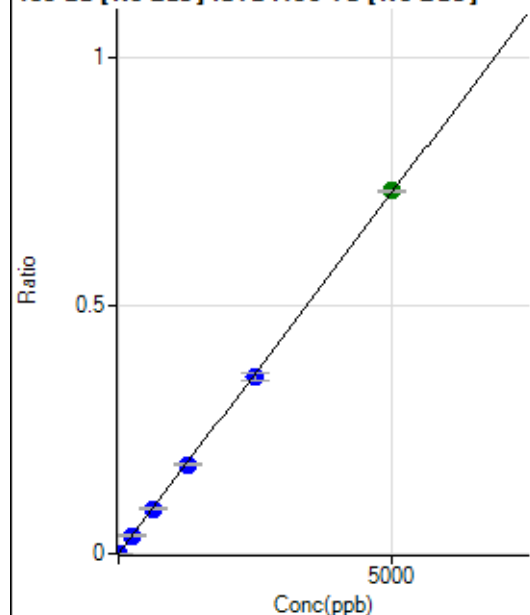
$$DL = 0.009957$$

$$BEC = 0.006507$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8.33	0.0000	P	1.4
2	☐	10.000	9.313	4687.04	0.0014	P	3.0
3	☐	250.000	249.510	132528.70	0.0363	P	5.0
4	☐	625.000	625.914	338658.14	0.0910	P	2.2
5	☐	1250.000	1235.593	674870.86	0.1795	P	2.7
6	☐	2500.000	2447.470	1365372.70	0.3556	P	4.8
7	☐	5000.000	5029.778	2861383.09	0.7309	A	0.8
8	☐			1750.16	0.0005	P	3.2

$$y = 1.4530\text{E-}004 * x + 2.2495\text{E-}006$$

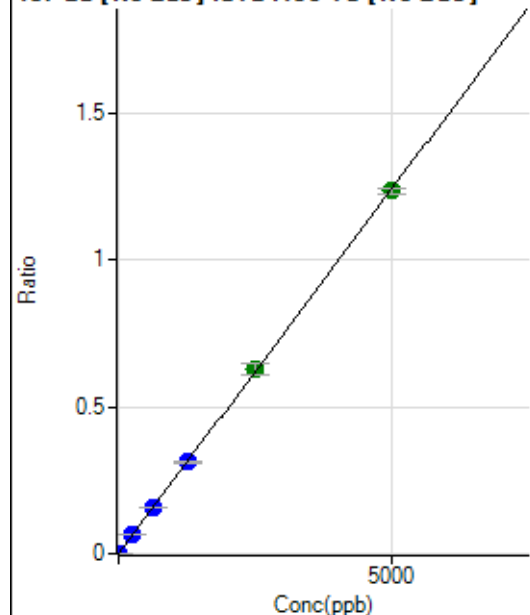
$$R = 0.9999$$

$$DL = 0.0006334$$

$$BEC = 0.01548$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	13.89	0.0000	P	35.6
2	☐	10.000	9.801	8416.76	0.0024	P	5.5
3	☐	250.000	254.685	231266.06	0.0632	P	1.7
4	☐	625.000	628.093	580546.67	0.1559	P	2.2
5	☐	1250.000	1261.128	1177023.37	0.3131	P	1.6
6	☐	2500.000	2534.918	2414678.85	0.6293	A	6.8
7	☐	5000.000	4979.139	4839089.95	1.2361	A	1.3
8	☐			2808.69	0.0007	P	1.8

$$y = 2.4825E-004 * x + 3.7624E-006$$

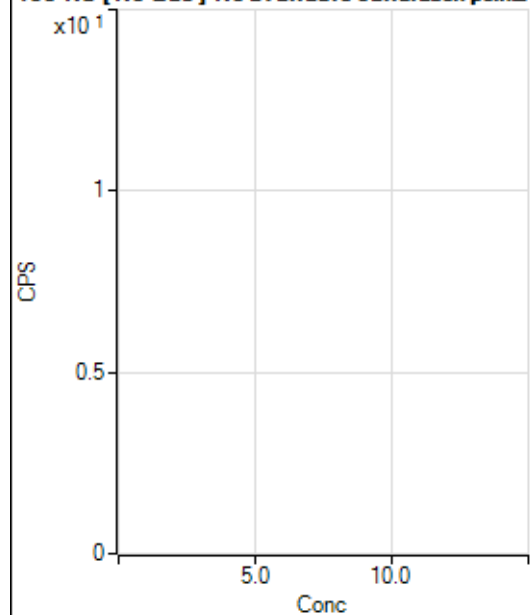
$$R = 1.0000$$

$$DL = 0.01619$$

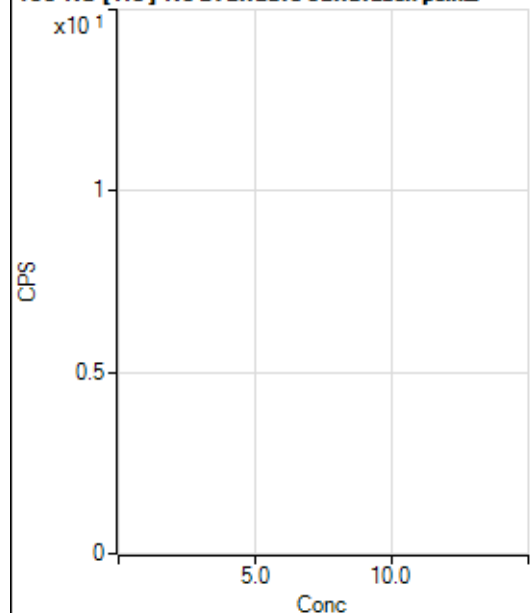
$$BEC = 0.01516$$

Weight: <None>

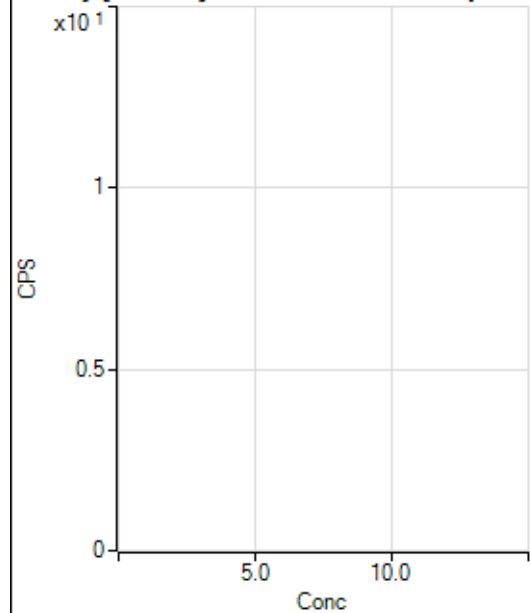
Min Conc: 0

150 Nd [No Gas] No available calibration points

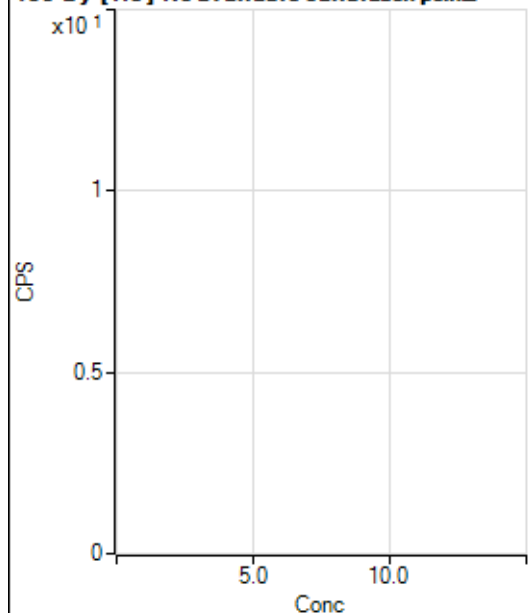
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.
2	☐			11.11		P	91.7
3	☐			22.22		P	62.4
4	☐			26.67		P	75.0
5	☐			55.56		P	66.1
6	☐			102.23		P	27.2
7	☐			231.12		P	30.8
8	☐			26.67		P	25.0

150 Nd [He] No available calibration points

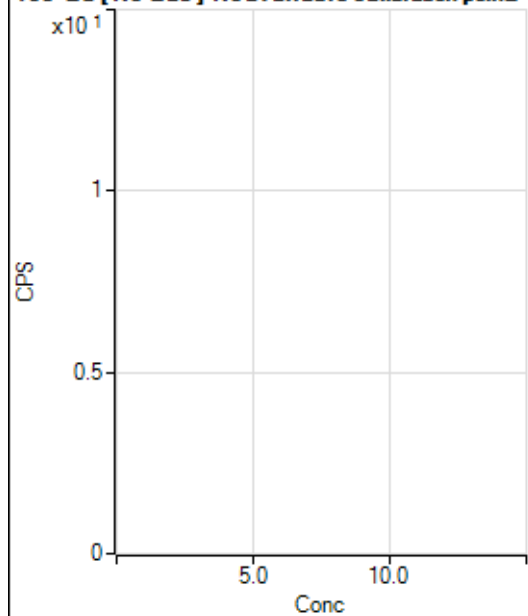
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			1.11		P	173.
3	☐			2.22		P	86.6
4	☐			1.11		P	173.
5	☐			0.00		P	
6	☐			7.78		P	49.5
7	☐			8.89		P	43.3
8	☐			12.22		P	41.7

156 Dy [No Gas] No available calibration points

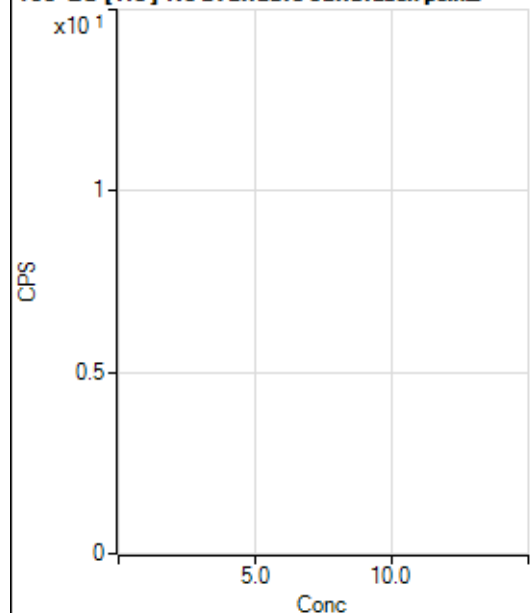
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.78		P	173.
2	☐			2.78		P	173.
3	☐			19.44		P	65.5
4	☐			16.66		P	86.6
5	☐			50.00		P	72.7
6	☐			77.78		P	52.9
7	☐			144.45		P	3.3
8	☐			463.91		P	13.6

156 Dy [He] No available calibration points

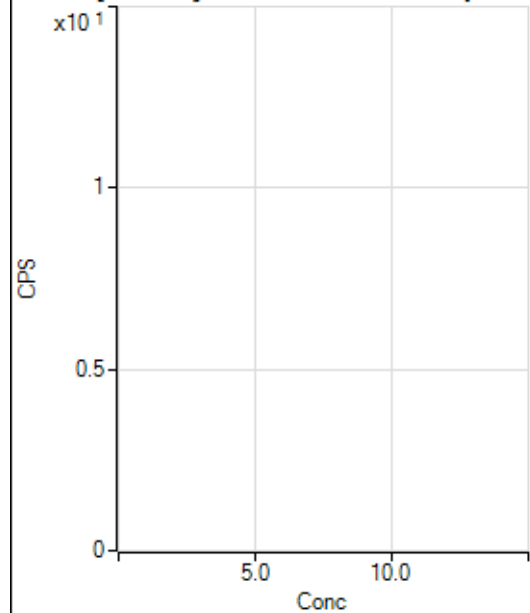
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			1.11		P	173.
3	☐			5.56		P	34.7
4	☐			7.78		P	65.5
5	☐			21.11		P	65.7
6	☐			41.11		P	63.0
7	☐			70.00		P	17.2
8	☐			217.78		P	7.7

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

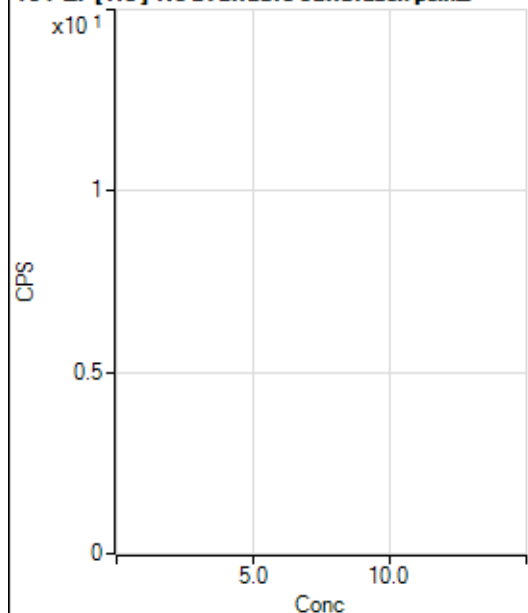
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.34		P	43.3
2	☐			25.00		P	33.3
3	☐			38.89		P	86.6
4	☐			36.11		P	58.1
5	☐			44.44		P	28.6
6	☐			69.45		P	45.4
7	☐			141.67		P	23.5
8	☐			552.80		P	10.9

160 Gd [He] No available calibration points

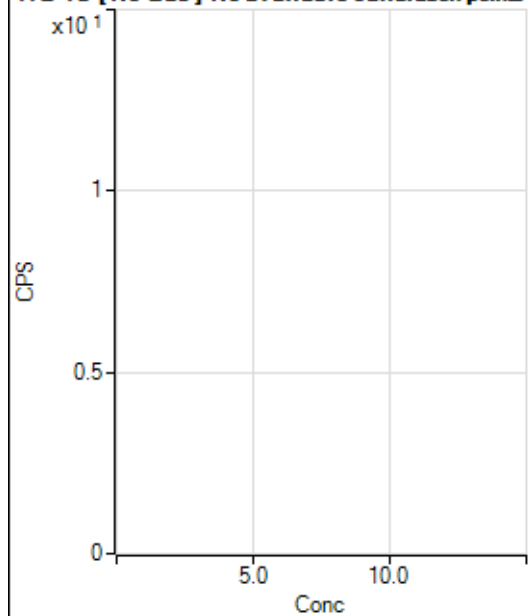
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			42.22		P	18.2
2	☐			61.11		P	22.1
3	☐			60.00		P	27.8
4	☐			52.22		P	25.8
5	☐			64.45		P	16.6
6	☐			92.23		P	15.0
7	☐			78.89		P	6.5
8	☐			323.34		P	10.8

164 Er [No Gas] No available calibration points

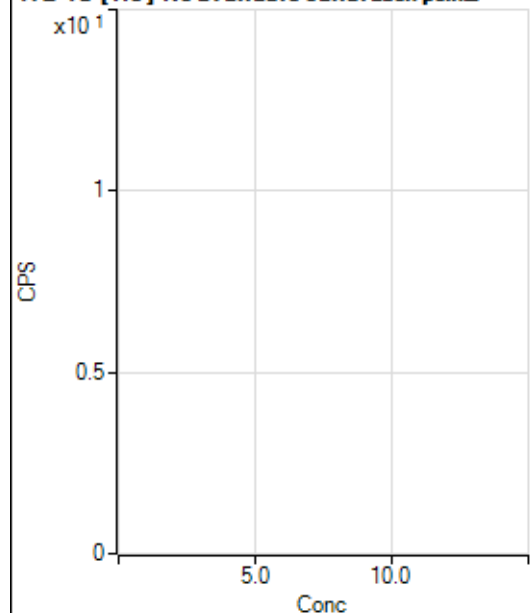
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.56		P	41.7
2	☐			19.44		P	89.2
3	☐			22.22		P	78.1
4	☐			22.22		P	78.1
5	☐			38.89		P	24.7
6	☐			27.78		P	34.6
7	☐			36.11		P	35.3
8	☐			16.67		P	NaN

164 Er [He] No available calibration points

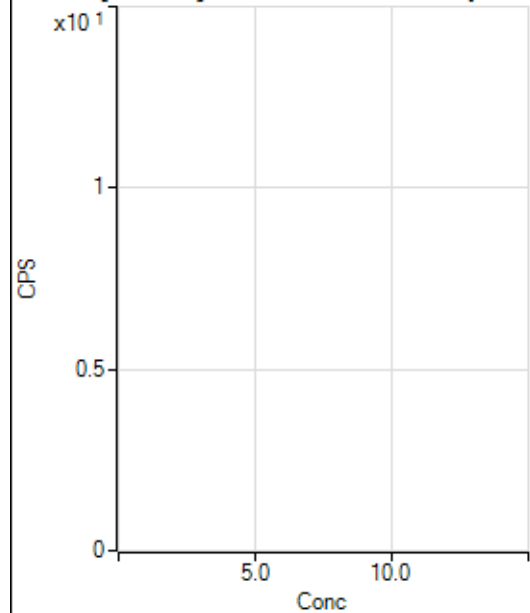
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	34.7
2	☐			5.55		P	124.
3	☐			3.33		P	100.
4	☐			6.67		P	50.0
5	☐			4.45		P	86.6
6	☐			12.22		P	41.7
7	☐			13.33		P	25.0
8	☐			18.89		P	51.0

172 Yb [No Gas] No available calibration points

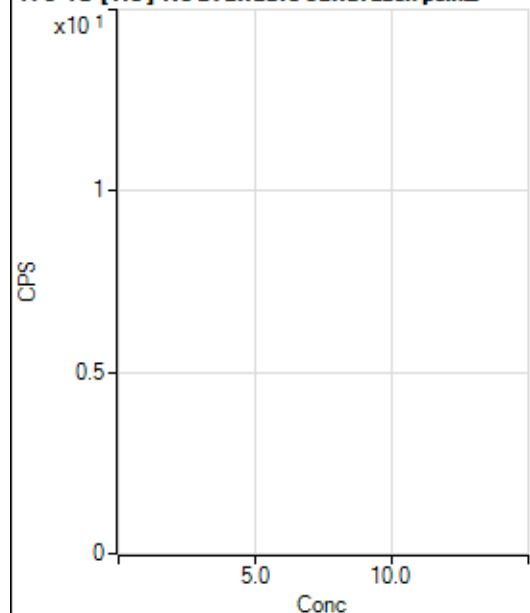
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	114.
2	☐			16.67		P	50.0
3	☐			16.66		P	86.6
4	☐			25.00		P	33.3
5	☐			27.78		P	75.5
6	☐			50.00		P	57.7
7	☐			55.56		P	31.2
8	☐			183.34		P	9.1

172 Yb [He] No available calibration points

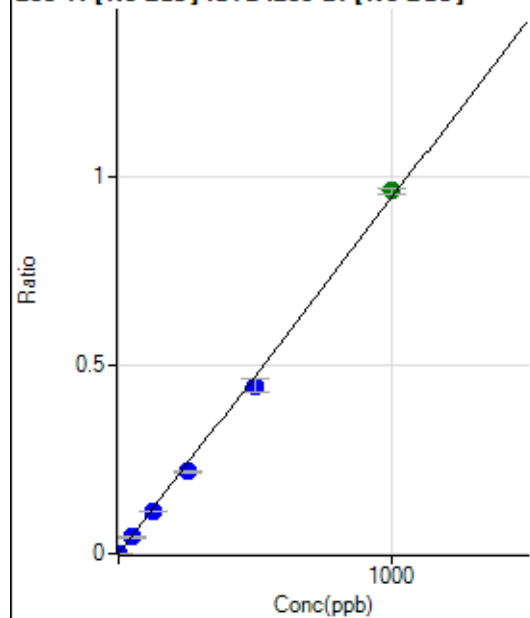
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			9.26		P	34.6
2	☐			7.41		P	43.2
3	☐			14.81		P	43.3
4	☐			7.41		P	43.2
5	☐			12.96		P	24.8
6	☐			24.07		P	58.1
7	☐			22.22		P	50.0
8	☐			88.89		P	6.2

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			483.36		P	5.2
2	☐			547.25		P	18.3
3	☐			1027.85		P	6.3
4	☐			1589.03		P	5.2
5	☐			2722.58		P	2.5
6	☐			4809.35		P	2.9
7	☐			9403.65		P	3.5
8	☐			672.26		P	5.6

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4560.13		P	5.6
2	☐			4387.86		P	6.2
3	☐			4717.61		P	5.4
4	☐			4862.08		P	2.7
5	☐			5519.77		P	2.3
6	☐			6653.66		P	4.6
7	☐			8098.91		P	1.9
8	☐			4656.46		P	1.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	163.90	0.0001	P	6.2
2	☐	1.000	0.913	1827.96	0.0009	P	5.7
3	☐	50.000	46.266	90864.52	0.0437	P	3.1
4	☐	125.000	117.755	233492.93	0.1111	P	2.7
5	☐	250.000	231.515	464068.17	0.2184	P	2.0
6	☐	500.000	471.833	948064.05	0.4450	P	8.6
7	☐	1000.000	1019.797	2047659.85	0.9616	A	1.5
8	☐			638.92	0.0003	P	4.8

$$y = 9.4287E-004 * x + 8.0123E-005$$

$$R = 0.9992$$

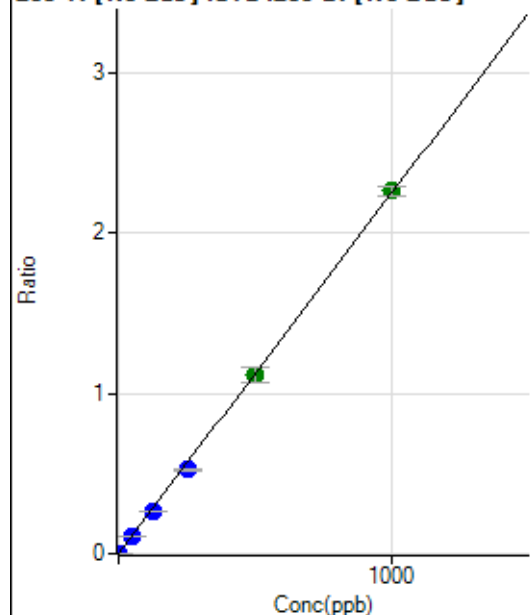
$$DL = 0.01575$$

$$BEC = 0.08498$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	386.13	0.0002	P	15.9
2	☐	1.000	0.930	4434.23	0.0023	P	5.6
3	☐	50.000	46.526	217720.94	0.1047	P	1.3
4	☐	125.000	117.118	553199.90	0.2633	P	3.1
5	☐	250.000	232.852	1112017.75	0.5232	P	0.8
6	☐	500.000	497.253	2380902.16	1.1171	A	8.1
7	☐	1000.000	1006.819	4815940.21	2.2617	A	2.7
8	☐			1447.35	0.0007	P	10.1

$$y = 0.0022 * x + 1.8897E-004$$

$$R = 0.9998$$

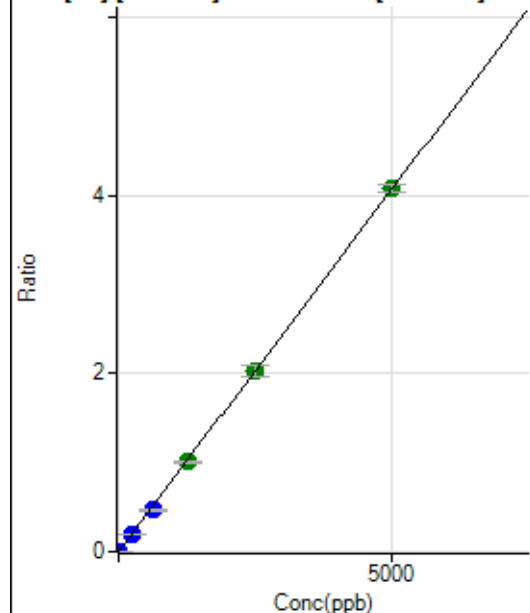
$$DL = 0.04023$$

$$BEC = 0.08413$$

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	333.34	0.0002	P	5.6
2	☐	1.000	0.863	1674.21	0.0009	P	11.0
3	☐	250.000	231.844	391853.28	0.1884	P	2.7
4	☐	625.000	578.363	987342.94	0.4699	P	3.0
5	☐	1250.000	1236.108	2133522.60	1.0040	A	3.0
6	☐	2500.000	2492.549	4317049.08	2.0244	A	6.4
7	☐	5000.000	5013.936	8670628.66	4.0720	A	2.2
8	☐			2255.80	0.0011	P	7.1

$$y = 8.1211E-004 * x + 1.6300E-004$$

$$R = 1.0000$$

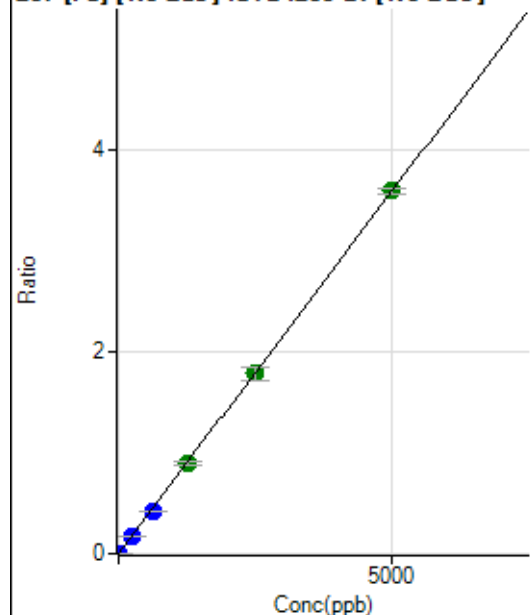
$$DL = 0.03399$$

$$BEC = 0.2007$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	253.71	0.0001	P	12.9
2	☐	1.000	0.925	1533.45	0.0008	P	4.2
3	☐	250.000	230.768	344298.41	0.1656	P	1.2
4	☐	625.000	583.698	879834.85	0.4186	P	1.4
5	☐	1250.000	1244.746	1896631.35	0.8926	A	3.7
6	☐	2500.000	2487.016	3801343.95	1.7832	A	7.3
7	☐	5000.000	5013.930	7655914.75	3.5950	A	1.5
8	☐			1929.81	0.0010	P	10.0

$$y = 7.1697E-004 * x + 1.2389E-004$$

$$R = 1.0000$$

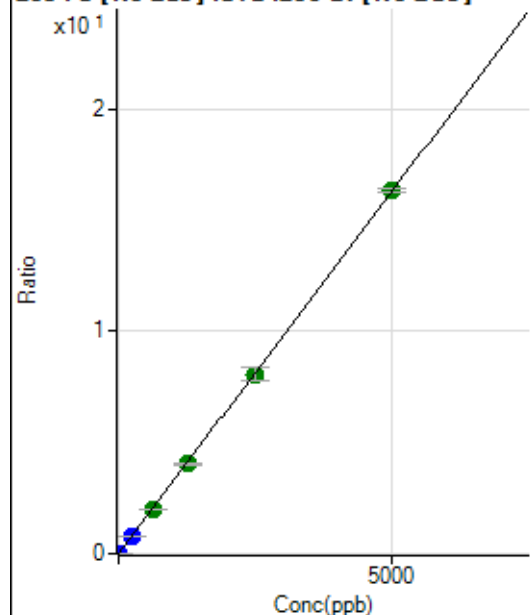
$$DL = 0.06672$$

$$BEC = 0.1728$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1227.83	0.0006	P	7.7
2	☐	1.000	0.903	6852.70	0.0035	P	9.3
3	☐	250.000	231.668	1567063.59	0.7537	P	2.2
4	☐	625.000	606.235	4142737.65	1.9712	A	2.1
5	☐	1250.000	1237.706	8551564.18	4.0239	A	1.3
6	☐	2500.000	2479.462	17184797.06	8.0604	A	7.4
7	☐	5000.000	5016.605	34726763.27	16.3076	A	1.1
8	☐			8860.62	0.0045	P	7.4

$$y = 0.0033 * x + 5.9972E-004$$

$$R = 1.0000$$

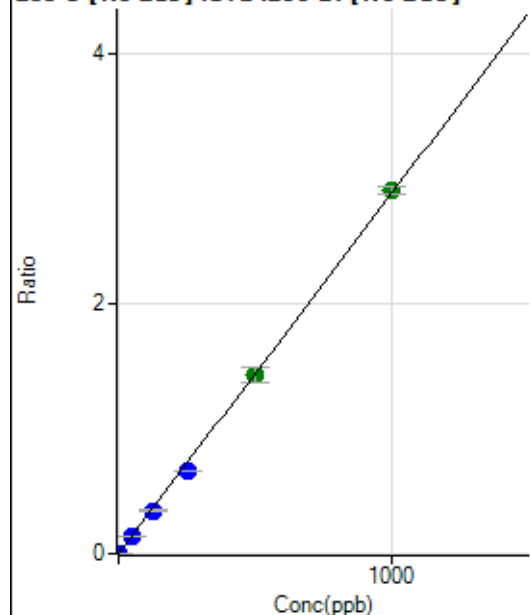
$$DL = 0.04253$$

$$BEC = 0.1845$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	30.56	0.0000	P	40.6
2	☐	1.000	0.920	5173.44	0.0027	P	8.8
3	☐	50.000	46.597	279338.95	0.1343	P	2.9
4	☐	125.000	118.062	715175.08	0.3404	P	3.6
5	☐	250.000	231.016	1415313.97	0.6660	P	0.7
6	☐	500.000	496.441	3049597.44	1.4311	A	8.1
7	☐	1000.000	1007.563	6184923.23	2.9045	A	2.0
8	☐			444.46	0.0002	P	13.6

$$y = 0.0029 * x + 1.4885E-005$$

$$R = 0.9998$$

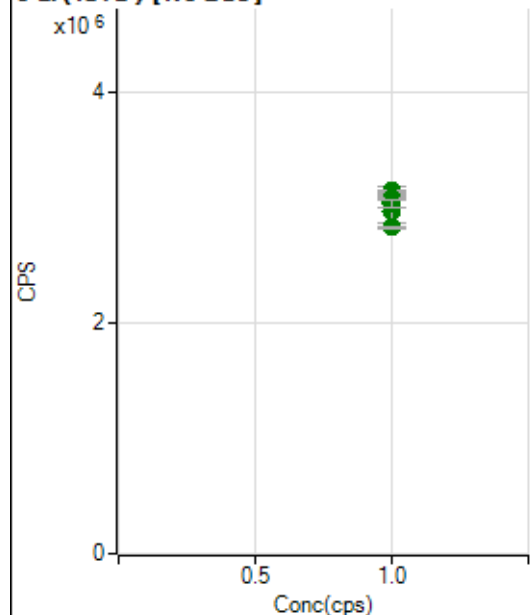
$$DL = 0.006292$$

$$BEC = 0.005163$$

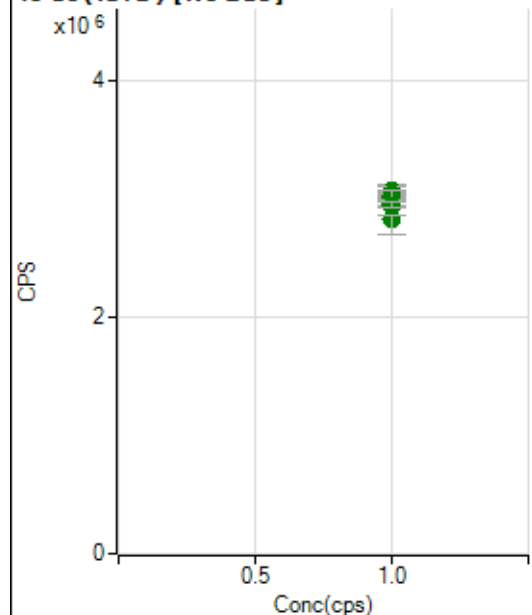
Weight: <None>

Min Conc: 0

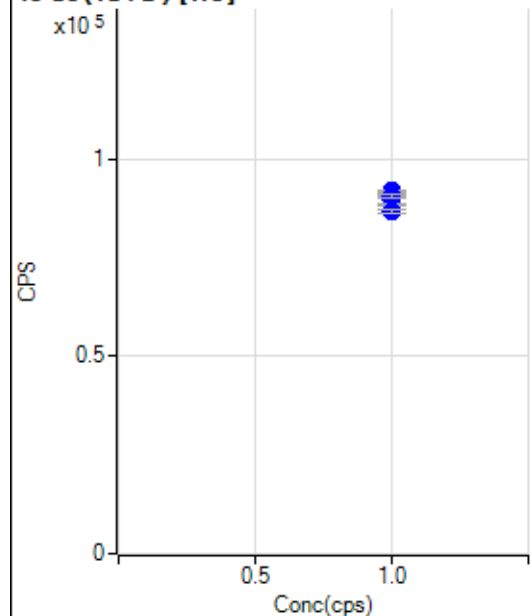
6 Li (ISTD) [No Gas]



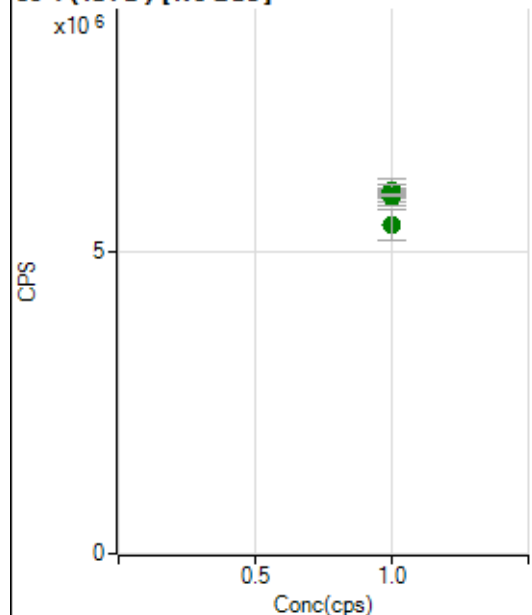
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3142612.21		A	2.8
2	☐	1.000		2979881.63		A	7.2
3	☐	1.000		3140396.83		A	1.0
4	☐	1.000		3149964.38		A	0.4
5	☐	1.000		3084963.94		A	0.1
6	☐	1.000		3050036.17		A	2.7
7	☐	1.000		3040590.45		A	1.8
8	☐	1.000		2830220.68		A	0.1

45 Sc (ISTD) [No Gas]

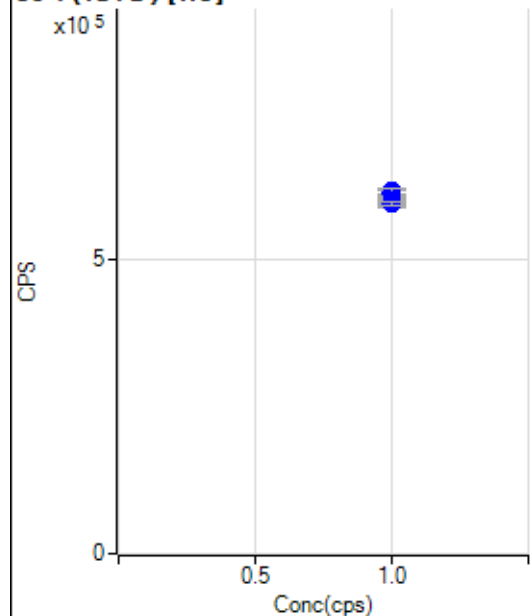
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3070256.76		A	4.0
2	☐	1.000		2826703.08		A	8.6
3	☐	1.000		3072385.27		A	2.3
4	☐	1.000		3042229.36		A	0.3
5	☐	1.000		3007100.48		A	1.0
6	☐	1.000		2966432.59		A	6.4
7	☐	1.000		3035553.53		A	2.5
8	☐	1.000		2955621.21		A	1.5

45 Sc (ISTD) [He]

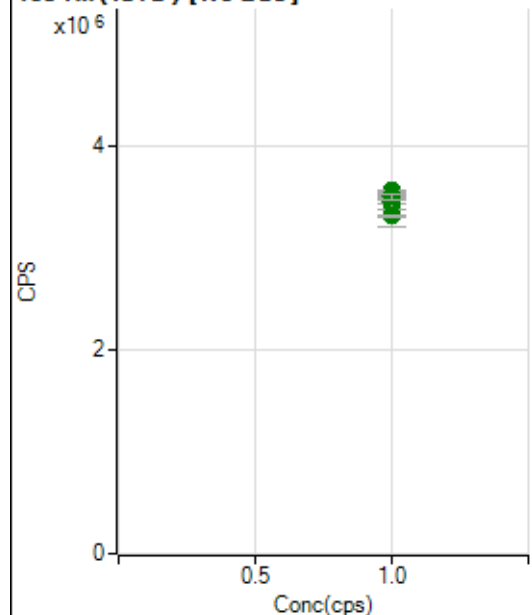
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		91202.63		P	1.1
2	☐	1.000		90212.56		P	3.3
3	☐	1.000		91951.71		P	0.4
4	☐	1.000		89752.67		P	2.0
5	☐	1.000		89443.34		P	1.3
6	☐	1.000		88631.82		P	0.6
7	☐	1.000		90653.16		P	0.6
8	☐	1.000		86795.93		P	0.9

89 Y (ISTD) [No Gas]

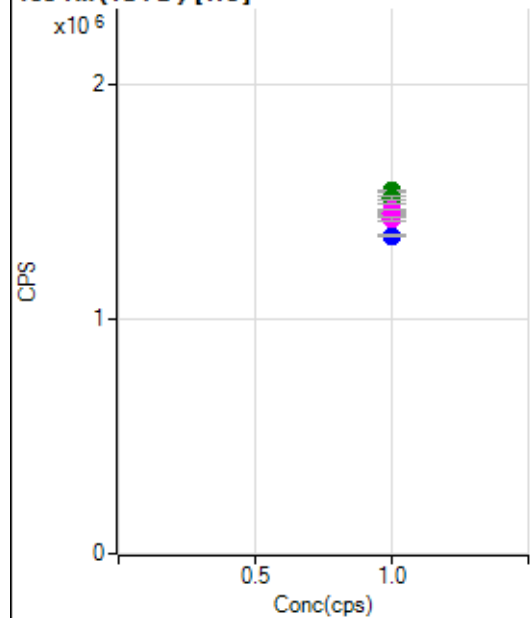
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5963233.04		A	2.6
2	☐	1.000		5447010.51		A	9.4
3	☐	1.000		5974110.05		A	0.5
4	☐	1.000		5909111.30		A	2.7
5	☐	1.000		5883547.20		A	2.5
6	☐	1.000		5976714.08		A	7.4
7	☐	1.000		5994049.15		A	3.2
8	☐	1.000		5919231.72		A	0.8

89 Y (ISTD) [He]

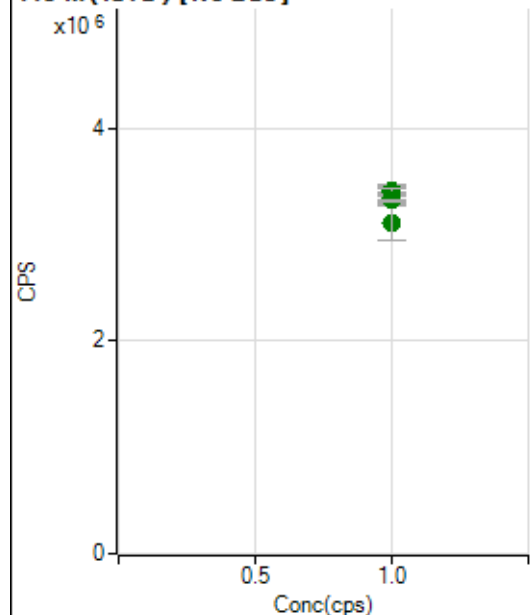
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		618407.98		P	1.9
2	☐	1.000		612887.42		P	2.3
3	☐	1.000		615988.82		P	2.0
4	☐	1.000		599920.37		P	0.9
5	☐	1.000		595136.14		P	1.2
6	☐	1.000		600456.90		P	0.5
7	☐	1.000		602775.74		P	0.5
8	☐	1.000		595618.17		P	1.1

103 Rh (ISTD) [No Gas]

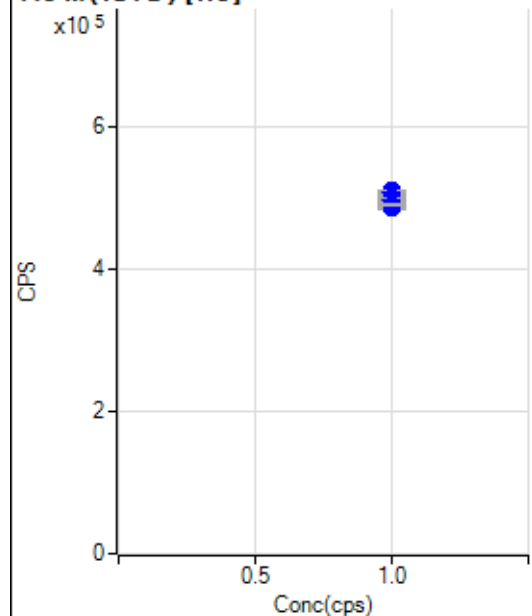
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3563240.18		A	0.4
2	☐	1.000		3386257.67		A	9.9
3	☐	1.000		3507539.84		A	0.8
4	☐	1.000		3511191.23		A	0.8
5	☐	1.000		3451862.32		A	1.0
6	☐	1.000		3482556.50		A	5.5
7	☐	1.000		3503677.38		A	1.8
8	☐	1.000		3315695.17		A	0.2

103 Rh (ISTD) [He]

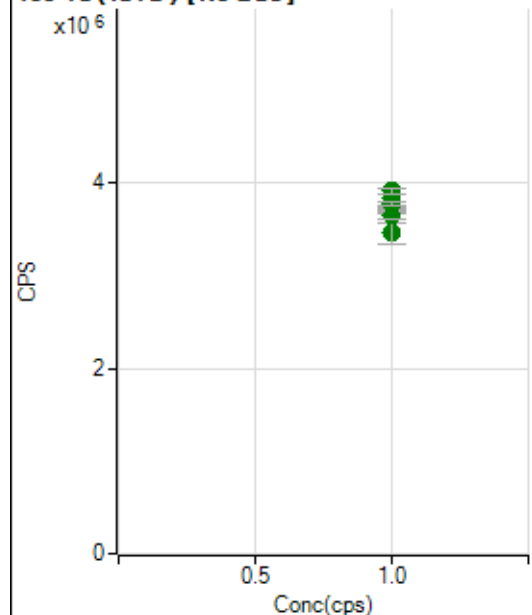
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1547119.06		A	0.3
2	☐	1.000		1516700.98		A	1.3
3	☐	1.000		1471783.88		M	2.3
4	☐	1.000		1449409.18		M	1.2
5	☐	1.000		1466578.42		M	3.5
6	☐	1.000		1451236.80		M	2.8
7	☐	1.000		1429159.39		M	1.1
8	☐	1.000		1356548.84		P	1.0

115 In (ISTD) [No Gas]

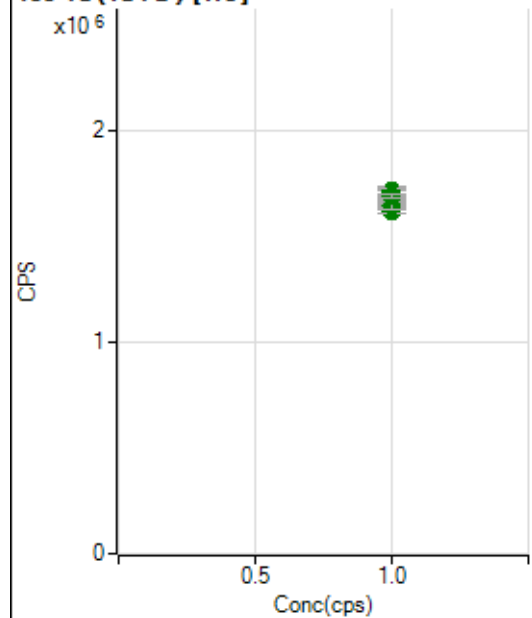
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3337428.28		A	3.6
2	☐	1.000		3104457.15		A	10.5
3	☐	1.000		3321832.01		A	1.9
4	☐	1.000		3378681.43		A	0.1
5	☐	1.000		3404402.86		A	2.4
6	☐	1.000		3407614.98		A	3.3
7	☐	1.000		3392160.68		A	2.3
8	☐	1.000		3316569.68		A	0.7

115 In (ISTD) [He]

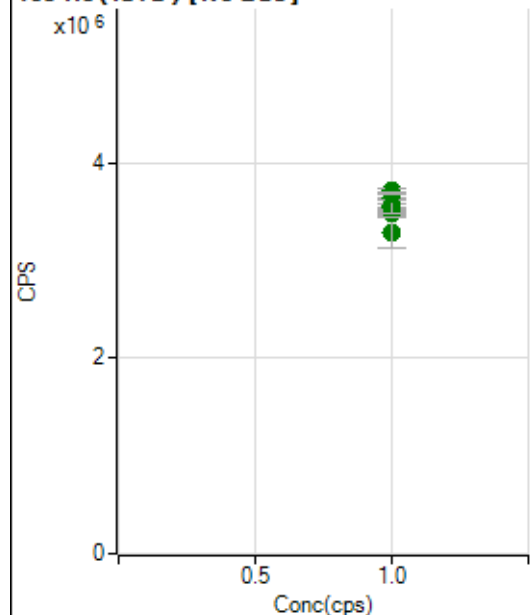
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		510236.86		P	0.7
2	☐	1.000		501102.28		P	1.8
3	☐	1.000		507216.38		P	1.4
4	☐	1.000		500293.73		P	0.3
5	☐	1.000		496782.48		P	1.0
6	☐	1.000		486867.79		P	1.1
7	☐	1.000		489265.15		P	1.4
8	☐	1.000		490048.58		P	0.6

159 Tb (ISTD) [No Gas]

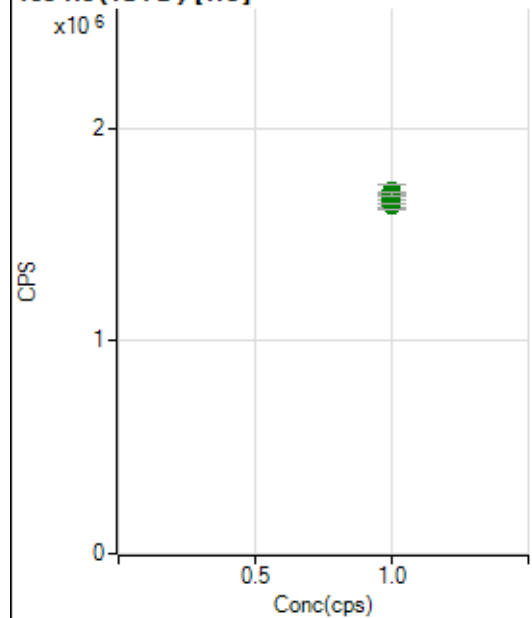
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3703495.88		A	1.4
2	☐	1.000		3461602.80		A	6.4
3	☐	1.000		3658515.33		A	2.9
4	☐	1.000		3723900.99		A	1.4
5	☐	1.000		3760419.74		A	2.3
6	☐	1.000		3845642.34		A	5.2
7	☐	1.000		3915434.21		A	1.4
8	☐	1.000		3779894.04		A	1.1

159 Tb (ISTD) [He]

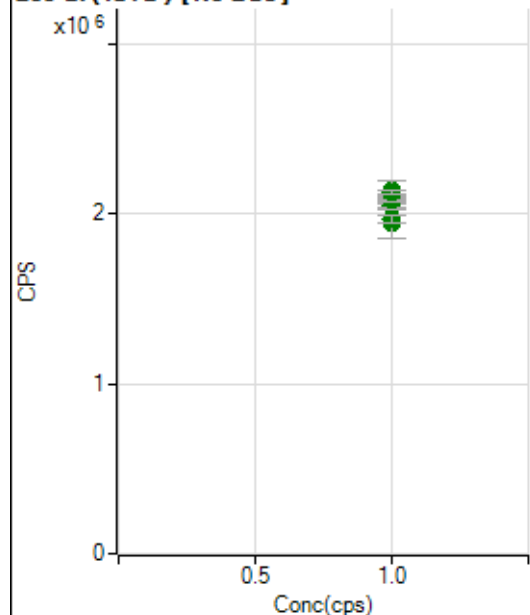
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1664533.97		A	2.0
2	☐	1.000		1617821.92		A	1.8
3	☐	1.000		1706163.58		A	1.5
4	☐	1.000		1661689.99		A	0.7
5	☐	1.000		1641646.61		A	2.1
6	☐	1.000		1713607.13		A	2.0
7	☐	1.000		1705501.66		A	2.6
8	☐	1.000		1691431.29		A	0.9

165 Ho (ISTD) [No Gas]

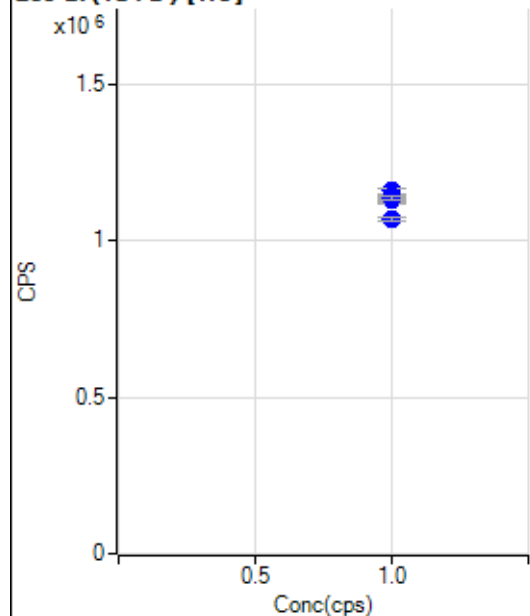
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3560585.76		A	1.1
2	☐	1.000		3286477.07		A	10.0
3	☐	1.000		3475585.10		A	1.9
4	☐	1.000		3572909.63		A	3.4
5	☐	1.000		3628764.75		A	2.4
6	☐	1.000		3544053.51		A	3.9
7	☐	1.000		3709544.87		A	1.4
8	☐	1.000		3682443.36		A	0.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1671175.10		A	0.7
2	☐	1.000		1651337.76		A	3.0
3	☐	1.000		1677058.79		A	2.0
4	☐	1.000		1632250.45		A	1.7
5	☐	1.000		1665069.97		A	2.0
6	☐	1.000		1704826.28		A	3.0
7	☐	1.000		1704844.57		A	3.1
8	☐	1.000		1688303.55		A	1.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2045947.02		A	1.3
2	☐	1.000		1950146.86		A	9.3
3	☐	1.000		2079481.22		A	1.1
4	☐	1.000		2102068.47		A	1.8
5	☐	1.000		2125272.62		A	1.5
6	☐	1.000		2137416.15		A	5.8
7	☐	1.000		2129548.96		A	0.8
8	☐	1.000		1972790.53		A	2.1

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1158884.29		P	1.4
2	☐	1.000		1135415.58		P	1.8
3	☐	1.000		1145117.69		P	1.1
4	☐	1.000		1129267.42		P	1.6
5	☐	1.000		1130675.88		P	0.6
6	☐	1.000		1129422.66		P	1.6
7	☐	1.000		1134957.21		P	1.1
8	☐	1.000		1070094.33		P	0.9

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP8121622-MS.b
Acq. Date-Time 2022-12-16 13:47:09
Report Comment ---
Instrument Name G8403A SG19224459

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		12304	123038.25			0.654	5.000
24		255068	2550678.14			1.177	5.000
25		34575	345753.31			0.699	5.000
26		40353	403528.38			0.469	5.000
59		43092	430921.92			0.876	5.000
113		3831	38310.07			0.629	5.000
115		45673	456730.19			1.087	5.000
206		7733	77333.06			0.700	5.000
207		6937	69371.93			1.419	5.000
208		16558	165577.26			0.900	5.000
220		1	8.70			14.425	

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

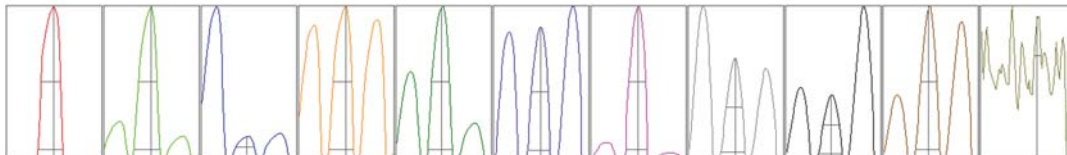
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	12353	12184	12352	12372	12257
24	254629	251866	254027	254803	260013
25	34305	34486	34602	34962	34523
26	40080	40379	40461	40575	40269
59	43122	42881	42769	43727	42962
113	3853	3799	3829	3818	3856
115	45845	46393	45069	45403	45655
206	7746	7780	7659	7784	7697
207	6797	7039	6925	6902	7023
208	16331	16492	16652	16611	16703

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	21311.67	9.00	8.90 - 9.10	
24	463343.20	24.00	23.90 - 24.10	
25	61014.70	24.95	24.90 - 25.10	
26	71296.23	26.00	25.90 - 26.10	
59	80253.16	58.95	58.90 - 59.10	
113	7674.16	113.00	112.90 - 113.10	
115	91056.23	115.00	114.90 - 115.10	
206	15602.55	206.00	205.90 - 206.10	
207	14063.81	206.95	206.90 - 207.10	
208	33677.78	207.95	207.90 - 208.10	
220	1.35	220.30	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.62	0.779	0.900	
24	0.59	0.823	0.900	
25	0.59	0.740	0.900	
26	0.61	0.782	0.900	
59	0.56	0.777	0.900	
113	0.53	0.713	0.900	
115	0.53	0.688	0.900	
206	0.51	0.761	0.900	
207	0.52	0.757	0.900	
208	0.51	0.766	0.900	
220	0.21			

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

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

US EPA Tune Check Report

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	9.1 V	Deflect	15.4 V
Extract 2	-170.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-95 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	180 V		

QP Parameters

Mass Gain	124	Axis Gain	0.9994	QP Bias	-4.0 V
Mass Offset	124	Axis Offset	-0.04		

Hardware Settings

Torch

Torch H	1.1 mm	Torch V	-0.7 mm
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EM

Discriminator	4.7 mV	Analog HV	2293 V	Pulse HV	1623 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		8678	86781.59			0.786	
89		15213	152134.14			0.898	
205		7129	71292.10			1.238	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	8618	8644	8654	8793	8682
89	15210	15245	15005	15387	15220
205	7172	7082	7034	7260	7097

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	9.1 V	Deflect	5.2 V
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US EPA Tune Check Report

Extract 2	-170.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-95 V	Cell Exit	-70 V		

Cell Parameters

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

QP Parameters

Mass Gain	124	Axis Gain	0.9994	QP Bias	-13.0 V
Mass Offset	124	Axis Offset	-0.04		

Hardware Settings

Torch

Torch H	1.1 mm	Torch V	-0.7 mm
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EM

Discriminator	4.7 mV	Analog HV	2293 V	Pulse HV	1623 V
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LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:41:33	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.39	0.00	0.39	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.02	0.02	0.00	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	-0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.04	-0.10	0.06	0.00	N/A	ppb
Boron	11-1	-0.07	0.00	0.07	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	-0.01	0.00	0.00	N/A	ppb
Cadmium	106-1	0.19	-0.35	0.16	0.00	N/A	ppb
Cadmium	108-1	-0.07	0.00	0.07	0.00	N/A	ppb
Calcium	43-1	1.12	-0.47	-0.65	0.00	N/A	ppb
Calcium	44-1	0.36	3.29	-3.66	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.03	0.03	0.00	N/A	ppb
Cobalt	59-2	0.00	-0.01	0.01	0.00	N/A	ppb
Copper	63-2	-0.04	0.01	0.03	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	-0.24	1.49	-1.25	0.00	N/A	ppb
Iron	56-2	0.14	-0.25	0.11	0.00	N/A	ppb
Iron	57-2	-1.82	1.33	0.48	0.00	N/A	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:41:33	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.00	0.01	-0.01	0.00	N/A	ppb
Lead	207-1	-0.02	-0.01	0.03	0.00	N/A	ppb
Lead	208-1	0.00	-0.01	0.02	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.84	0.65	0.19	0.00	N/A	ppb
Manganese	55-2	-0.02	-0.01	0.02	0.00	N/A	ppb
Molybdenum	94-1	-0.04	0.01	0.03	0.00	N/A	ppb
Molybdenum	95-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.02	-0.02	-0.01	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.02	0.00	0.00	N/A	ppb
Phosphorus	31-2	20.74	3.24	-18.73	1.75	1128.90	ppb
Potassium	39-2	-19.28	7.24	12.04	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.36	-0.63	0.27	0.00	N/A	ppb
Selenium	77-2	0.49	-0.98	0.49	0.00	N/A	ppb
Selenium	78-2	0.31	-0.10	-0.21	0.00	N/A	ppb
Silicon	28-1	1.21	3.75	-4.96	0.00	N/A	ppb
Silver	107-1	-0.01	0.00	0.00	0.00	N/A	ppb
Silver	109-1	-0.01	0.00	0.01	0.00	N/A	ppb
Sodium	23-2	-1.24	1.56	-0.32	0.00	N/A	ppb
Strontium	86-1	0.05	-0.02	-0.03	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-577.49	-313.12	-2032.02	-974.21		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.02	-0.01	0.00	N/A	ppb
Tin	118-1	0.69	-0.36	-0.33	0.00	N/A	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:41:33	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.11	0.09	0.02	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00	N/A	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.15	0.03	0.12	0.00	N/A	ppb
Zirconium	90-1	0.00	-0.01	0.01	0.00	N/A	ppb
Zirconium	91-1	0.01	-0.01	0.00	0.00	N/A	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:47:58	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.84	19.13	17.99	18.99	4.93	ppb
Antimony	121-1	2.06	1.75	2.00	1.94	8.56	ppb
Arsenic	75-2	0.84	1.06	1.02	0.98	11.84	ppb
Barium	135-1	9.15	9.15	9.64	9.31	3.01	ppb
Barium	137-1	10.04	9.18	10.18	9.80	5.50	ppb
Beryllium	9-1	1.21	1.00	1.18	1.13	9.87	ppb
Bismuth	209-1				95		%
Bismuth	209-2				98		%
Boron	10-1	17.41	18.09	22.08	19.20	13.16	ppb
Boron	11-1	19.06	19.34	22.51	20.30	9.44	ppb
Bromine	81-1						cps
Cadmium	111-1	1.15	1.07	1.17	1.13	4.74	ppb
Cadmium	106-1	3.42	2.68	1.92	2.67	28.18	ppb
Cadmium	108-1	0.94	0.65	1.67	1.09	48.38	ppb
Calcium	43-1	536.09	465.91	531.26	511.09	7.67	ppb
Calcium	44-1	525.15	450.01	547.56	507.57	10.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.27	1.94	1.73	1.98	13.77	ppb
Cobalt	59-2	1.07	0.85	1.01	0.98	11.80	ppb
Copper	63-2	2.00	1.90	1.96	1.95	2.72	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				99		%
Indium	115-1				93		%
Indium	115-2				98		%
Iron	54-2	48.71	43.83	44.61	45.72	5.74	ppb
Iron	56-2	48.92	44.28	44.55	45.92	5.67	ppb
Iron	57-2	42.08	53.01	64.94	53.35	21.44	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:47:58	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.94	0.73	0.93	0.86	13.53	ppb
Lead	207-1	0.98	0.89	0.90	0.93	4.98	ppb
Lead	208-1	0.94	0.79	0.98	0.90	11.22	ppb
Lithium	6-1				95		%
Magnesium	24-2	508.42	456.25	472.26	478.98	5.58	ppb
Manganese	55-2	1.14	0.99	1.09	1.07	6.94	ppb
Molybdenum	94-1	6.55	5.36	7.21	6.37	14.76	ppb
Molybdenum	95-1	5.20	4.92	5.77	5.30	8.25	ppb
Molybdenum	96-1	5.19	4.56	5.79	5.18	11.87	ppb
Molybdenum	97-1	5.37	5.16	5.93	5.48	7.24	ppb
Molybdenum	98-1	5.36	4.74	5.64	5.24	8.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.91	1.13	0.87	0.97	14.62	ppb
Phosphorus	31-2	15.84	-36.77	15.68	-1.75		ppb
Potassium	39-2	516.51	421.22	433.86	457.20	11.32	ppb
Rhodium	103-1				95		%
Rhodium	103-2				98		%
Scandium	45-1				92		%
Scandium	45-2				99		%
Selenium	82-1	5.51	5.26	6.06	5.61	7.30	ppb
Selenium	77-2	0.55	3.43	8.09	4.02	94.55	ppb
Selenium	78-2	5.00	2.24	3.86	3.70	37.51	ppb
Silicon	28-1	12.58	4.09	23.24	13.30	72.11	ppb
Silver	107-1	1.03	1.04	1.05	1.04	1.05	ppb
Silver	109-1	1.17	0.98	1.19	1.11	10.50	ppb
Sodium	23-2	501.88	439.36	454.12	465.12	7.03	ppb
Strontium	86-1	1.25	1.08	1.43	1.25	13.76	ppb
Strontium	88-1	1.05	0.93	1.08	1.02	8.01	ppb
Sulfur	34-1	1074.25	-1238.43	3086.81	974.21	222.16	ppb
Terbium	159-1				93		%
Terbium	159-2				97		%
Thallium	203-1	0.92	0.85	0.97	0.91	6.22	ppb
Thallium	205-1	0.99	0.89	0.91	0.93	6.08	ppb
Tin	118-1	5.06	4.65	5.19	4.96	5.69	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:47:58	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.18	5.17	5.82	5.39	6.96	ppb
Uranium	238-1	0.98	0.83	0.95	0.92	8.81	ppb
Vanadium	51-2	5.09	4.57	4.75	4.80	5.44	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				91		%
Yttrium	89-2				99		%
Zinc	66-2	2.94	2.26	2.48	2.56	13.51	ppb
Zirconium	90-1	1.00	0.95	1.11	1.02	7.80	ppb
Zirconium	91-1	1.02	0.97	1.26	1.08	14.36	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:51:12	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1006.10	1008.40	994.37	1002.96	0.75	ppb
Antimony	121-1	52.19	50.16	49.63	50.66	2.67	ppb
Arsenic	75-2	52.22	50.78	50.86	51.29	1.57	ppb
Barium	135-1	263.68	240.72	244.13	249.51	4.96	ppb
Barium	137-1	259.55	253.46	251.04	254.68	1.72	ppb
Beryllium	9-1	53.42	53.17	52.01	52.86	1.42	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	46.87	50.06	51.03	49.32	4.41	ppb
Boron	11-1	49.67	51.77	54.50	51.98	4.66	ppb
Bromine	81-1						cps
Cadmium	111-1	57.02	54.33	53.67	55.01	3.23	ppb
Cadmium	106-1	61.84	55.71	53.91	57.15	7.28	ppb
Cadmium	108-1	57.18	58.84	54.41	56.81	3.94	ppb
Calcium	43-1	5125.05	5424.54	5289.24	5279.61	2.84	ppb
Calcium	44-1	4994.10	5147.13	4992.40	5044.54	1.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.73	50.95	49.44	50.37	1.62	ppb
Cobalt	59-2	50.72	51.16	48.86	50.25	2.43	ppb
Copper	63-2	517.82	507.82	488.46	504.70	2.96	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				98		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	54-2	2475.67	2457.55	2424.65	2452.62	1.05	ppb
Iron	56-2	2590.79	2581.76	2487.68	2553.41	2.24	ppb
Iron	57-2	2428.80	2451.28	2387.50	2422.53	1.34	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:51:12	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	235.89	235.12	224.52	231.84	2.74	ppb
Lead	207-1	231.26	233.34	227.70	230.77	1.23	ppb
Lead	208-1	232.17	236.41	226.42	231.67	2.16	ppb
Lithium	6-1				100		%
Magnesium	24-2	5141.72	5158.51	5007.45	5102.56	1.62	ppb
Manganese	55-2	508.84	508.08	493.80	503.57	1.68	ppb
Molybdenum	94-1	493.20	503.80	487.67	494.89	1.66	ppb
Molybdenum	95-1	497.56	504.51	487.86	496.64	1.68	ppb
Molybdenum	96-1	489.77	500.06	482.68	490.84	1.78	ppb
Molybdenum	97-1	504.32	488.40	484.95	492.56	2.10	ppb
Molybdenum	98-1	492.01	488.51	479.22	486.58	1.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.79	52.72	49.62	51.71	3.50	ppb
Phosphorus	31-2	999.78	1073.63	947.79	1007.07	6.28	ppb
Potassium	39-2	2480.40	2472.93	2422.99	2458.77	1.27	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	52.58	51.76	51.25	51.87	1.29	ppb
Selenium	77-2	32.76	53.92	71.25	52.65	36.61	ppb
Selenium	78-2	50.53	51.60	53.22	51.78	2.62	ppb
Silicon	28-1	47.13	55.54	54.51	52.39	8.75	ppb
Silver	107-1	54.63	52.81	52.01	53.15	2.53	ppb
Silver	109-1	56.33	51.94	52.53	53.60	4.44	ppb
Sodium	23-2	4983.92	4998.30	4823.94	4935.39	1.96	ppb
Strontium	86-1	1253.94	1252.16	1209.72	1238.60	2.02	ppb
Strontium	88-1	1246.74	1234.80	1214.13	1231.89	1.34	ppb
Sulfur	34-1	-451.63	436.38	500.76	161.84	328.89	ppb
Terbium	159-1				99		%
Terbium	159-2				103		%
Thallium	203-1	46.22	47.74	44.84	46.27	3.14	ppb
Thallium	205-1	47.17	46.50	45.91	46.53	1.35	ppb
Tin	118-1	50.96	48.26	49.77	49.67	2.73	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:51:12	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	501.22	508.08	498.62	502.64	0.97	ppb
Uranium	238-1	47.27	47.47	45.06	46.60	2.87	ppb
Vanadium	51-2	50.49	49.07	50.18	49.91	1.49	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	558.18	538.41	531.33	542.64	2.56	ppb
Zirconium	90-1	50.32	50.48	47.73	49.51	3.12	ppb
Zirconium	91-1	50.46	49.35	49.55	49.78	1.19	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:54:21	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2443.04	2439.67	2451.03	2444.58	0.24	ppb
Antimony	121-1	126.10	127.48	122.73	125.44	1.95	ppb
Arsenic	75-2	132.58	128.12	122.92	127.88	3.78	ppb
Barium	135-1	639.44	625.97	612.33	625.91	2.17	ppb
Barium	137-1	636.43	636.03	611.82	628.09	2.24	ppb
Beryllium	9-1	131.86	130.92	130.13	130.97	0.66	ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Boron	10-1	121.04	126.88	127.79	125.24	2.93	ppb
Boron	11-1	126.81	134.83	134.88	132.17	3.52	ppb
Bromine	81-1						cps
Cadmium	111-1	136.04	137.79	132.73	135.52	1.90	ppb
Cadmium	106-1	139.17	139.31	123.26	133.92	6.89	ppb
Cadmium	108-1	135.69	137.60	135.06	136.12	0.97	ppb
Calcium	43-1	13256.25	13262.40	13165.10	13227.92	0.41	ppb
Calcium	44-1	13271.70	12950.40	13072.34	13098.15	1.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	123.51	128.03	124.59	125.38	1.88	ppb
Cobalt	59-2	126.66	123.63	124.45	124.91	1.25	ppb
Copper	63-2	1323.41	1330.15	1247.56	1300.37	3.53	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				100		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	54-2	6277.64	6115.08	6048.99	6147.23	1.91	ppb
Iron	56-2	6263.12	6365.36	6437.00	6355.16	1.38	ppb
Iron	57-2	6044.51	5985.11	6076.22	6035.28	0.77	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:54:21	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	597.55	574.48	563.05	578.36	3.04	ppb
Lead	207-1	588.00	588.85	574.24	583.70	1.40	ppb
Lead	208-1	619.84	603.43	595.44	606.24	2.05	ppb
Lithium	6-1				100		%
Magnesium	24-2	12854.72	12636.02	12732.35	12741.03	0.86	ppb
Manganese	55-2	1242.70	1238.77	1242.95	1241.47	0.19	ppb
Molybdenum	94-1	1272.46	1300.06	1236.00	1269.51	2.53	ppb
Molybdenum	95-1	1306.36	1310.93	1243.06	1286.78	2.95	ppb
Molybdenum	96-1	1297.29	1302.32	1260.91	1286.84	1.76	ppb
Molybdenum	97-1	1295.62	1309.72	1222.45	1275.93	3.67	ppb
Molybdenum	98-1	1344.59	1329.95	1203.29	1292.61	6.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.71	130.92	131.62	131.42	0.33	ppb
Phosphorus	31-2	2651.47	2665.86	2579.38	2632.24	1.76	ppb
Potassium	39-2	5893.10	5991.82	5875.73	5920.22	1.06	ppb
Rhodium	103-1				99		%
Rhodium	103-2				94		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	135.86	135.40	128.02	133.09	3.31	ppb
Selenium	77-2	132.77	148.68	118.70	133.39	11.24	ppb
Selenium	78-2	138.63	132.19	124.81	131.88	5.24	ppb
Silicon	28-1	134.10	138.22	134.05	135.46	1.77	ppb
Silver	107-1	129.27	132.01	126.18	129.15	2.26	ppb
Silver	109-1	131.01	135.58	131.77	132.79	1.84	ppb
Sodium	23-2	12784.02	12312.58	12689.18	12595.26	1.98	ppb
Strontium	86-1	3188.34	3337.12	3094.69	3206.72	3.81	ppb
Strontium	88-1	3192.78	3248.66	3081.51	3174.31	2.68	ppb
Sulfur	34-1	2374.20	2823.89	2221.52	2473.20	12.66	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	119.13	120.00	114.13	117.76	2.69	ppb
Thallium	205-1	120.94	116.81	113.60	117.12	3.14	ppb
Tin	118-1	126.85	128.04	122.32	125.74	2.40	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:54:21	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1277.03	1274.82	1236.67	1262.84	1.80	ppb
Uranium	238-1	122.87	116.73	114.58	118.06	3.64	ppb
Vanadium	51-2	127.50	125.64	124.75	125.96	1.12	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	1348.27	1323.68	1346.21	1339.38	1.02	ppb
Zirconium	90-1	129.71	128.04	120.12	125.96	4.07	ppb
Zirconium	91-1	131.91	128.29	122.18	127.46	3.86	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:57:31	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5086.81	4956.60	4815.86	4953.09	2.74	ppb
Antimony	121-1	243.50	253.37	243.33	246.73	2.33	ppb
Arsenic	75-2	264.28	265.27	257.25	262.27	1.67	ppb
Barium	135-1	1202.79	1269.17	1234.82	1235.59	2.69	ppb
Barium	137-1	1246.79	1284.48	1252.11	1261.13	1.62	ppb
Beryllium	9-1	257.86	260.69	259.39	259.31	0.55	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Boron	10-1	233.68	254.78	256.40	248.29	5.11	ppb
Boron	11-1	256.49	269.84	270.69	265.67	3.00	ppb
Bromine	81-1						cps
Cadmium	111-1	262.99	271.72	262.68	265.80	1.93	ppb
Cadmium	106-1	254.89	275.91	248.54	259.78	5.51	ppb
Cadmium	108-1	260.64	273.94	256.03	263.54	3.53	ppb
Calcium	43-1	26910.73	26209.12	26043.69	26387.84	1.74	ppb
Calcium	44-1	25558.64	25423.50	25816.37	25599.51	0.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	263.40	258.15	249.45	257.00	2.74	ppb
Cobalt	59-2	255.61	252.67	245.38	251.22	2.10	ppb
Copper	63-2	2769.60	2599.31	2553.19	2640.70	4.32	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				102		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	54-2	12643.45	12474.25	12065.69	12394.46	2.40	ppb
Iron	56-2	13016.47	12794.46	12331.41	12714.12	2.75	ppb
Iron	57-2	12369.87	12339.49	12106.22	12271.86	1.18	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:57:31	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1217.91	1279.32	1211.09	1236.11	3.04	ppb
Lead	207-1	1221.56	1297.15	1215.54	1244.75	3.65	ppb
Lead	208-1	1232.90	1255.96	1224.25	1237.71	1.32	ppb
Lithium	6-1				98		%
Magnesium	24-2	26414.14	25966.26	24406.67	25595.69	4.12	ppb
Manganese	55-2	2585.54	2545.38	2459.45	2530.12	2.55	ppb
Molybdenum	94-1	2584.25	2510.14	2510.23	2534.87	1.69	ppb
Molybdenum	95-1	2546.42	2505.12	2585.70	2545.75	1.58	ppb
Molybdenum	96-1	2480.01	2605.19	2648.69	2577.96	3.40	ppb
Molybdenum	97-1	2435.67	2561.11	2609.65	2535.47	3.54	ppb
Molybdenum	98-1	2492.75	2542.55	2539.88	2525.06	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	265.34	263.94	252.45	260.58	2.71	ppb
Phosphorus	31-2	5308.98	5346.60	4951.92	5202.50	4.19	ppb
Potassium	39-2	12149.08	11962.42	11792.18	11967.89	1.49	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	251.96	257.75	269.94	259.88	3.53	ppb
Selenium	77-2	263.39	263.24	263.12	263.25	0.05	ppb
Selenium	78-2	281.10	274.13	267.83	274.36	2.42	ppb
Silicon	28-1	252.83	252.93	250.89	252.22	0.46	ppb
Silver	107-1	246.62	261.10	246.10	251.27	3.39	ppb
Silver	109-1	255.60	263.24	254.41	257.75	1.86	ppb
Sodium	23-2	25289.43	24591.11	23756.37	24545.64	3.13	ppb
Strontium	86-1	6238.61	6196.79	6201.50	6212.30	0.37	ppb
Strontium	88-1	6073.61	6152.51	6447.93	6224.68	3.17	ppb
Sulfur	34-1	6250.64	5618.80	5589.43	5819.62	6.42	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	230.14	236.73	227.67	231.52	2.02	ppb
Thallium	205-1	233.32	234.34	230.90	232.85	0.76	ppb
Tin	118-1	242.55	251.85	247.89	247.43	1.89	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:57:31	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2511.89	2510.05	2569.72	2530.55	1.34	ppb
Uranium	238-1	229.87	230.42	232.76	231.02	0.66	ppb
Vanadium	51-2	259.17	250.56	245.99	251.91	2.66	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	2827.93	2702.63	2635.84	2722.13	3.58	ppb
Zirconium	90-1	250.61	255.46	255.29	253.78	1.09	ppb
Zirconium	91-1	255.95	248.58	252.58	252.37	1.46	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:00:37	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10039.36	9695.49	9464.46	9733.10	2.97	ppb
Antimony	121-1	519.22	467.72	487.37	491.44	5.29	ppb
Arsenic	75-2	512.80	502.04	495.57	503.47	1.73	ppb
Barium	135-1	2563.70	2328.79	2449.92	2447.47	4.80	ppb
Barium	137-1	2732.81	2419.08	2452.87	2534.92	6.79	ppb
Beryllium	9-1	530.51	492.10	510.98	511.19	3.76	ppb
Bismuth	209-1				104		%
Bismuth	209-2				97		%
Boron	10-1	487.70	497.39	520.45	501.85	3.35	ppb
Boron	11-1	521.47	509.33	554.83	528.54	4.46	ppb
Bromine	81-1						cps
Cadmium	111-1	541.11	475.94	508.76	508.60	6.41	ppb
Cadmium	106-1	532.70	463.11	516.32	504.04	7.22	ppb
Cadmium	108-1	533.37	493.47	503.29	510.04	4.08	ppb
Calcium	43-1	57454.09	50453.43	52898.98	53602.17	6.63	ppb
Calcium	44-1	54183.41	47685.39	50533.00	50800.60	6.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	517.48	497.61	498.83	504.64	2.21	ppb
Cobalt	59-2	510.37	501.32	488.91	500.20	2.15	ppb
Copper	63-2	5256.24	5000.13	5116.29	5124.22	2.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				95		%
Iron	54-2	25183.35	23889.76	23828.44	24300.52	3.15	ppb
Iron	56-2	24839.25	24807.74	23814.26	24487.08	2.38	ppb
Iron	57-2	23962.95	24188.16	23657.44	23936.19	1.11	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:00:37	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2669.96	2358.73	2448.96	2492.55	6.42	ppb
Lead	207-1	2682.98	2324.81	2453.27	2487.02	7.30	ppb
Lead	208-1	2687.33	2340.18	2410.88	2479.46	7.40	ppb
Lithium	6-1				97		%
Magnesium	24-2	51425.10	50402.11	48737.41	50188.20	2.70	ppb
Manganese	55-2	5156.66	5103.96	5205.78	5155.46	0.99	ppb
Molybdenum	94-1	5149.06	4461.97	5283.57	4964.87	8.88	ppb
Molybdenum	95-1	5305.18	4621.87	5112.95	5013.34	7.03	ppb
Molybdenum	96-1	5269.50	4656.67	5116.41	5014.19	6.36	ppb
Molybdenum	97-1	5220.18	4624.43	5223.57	5022.73	6.87	ppb
Molybdenum	98-1	5160.34	4560.91	5251.45	4990.90	7.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	522.97	513.83	501.81	512.87	2.07	ppb
Phosphorus	31-2	10508.68	10311.79	10421.10	10413.86	0.95	ppb
Potassium	39-2	24984.77	23755.68	23961.79	24234.08	2.72	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	533.91	466.43	519.87	506.74	7.03	ppb
Selenium	77-2	547.79	507.06	505.66	520.17	4.60	ppb
Selenium	78-2	511.40	504.77	483.68	499.95	2.90	ppb
Silicon	28-1	576.73	488.42	529.63	531.59	8.31	ppb
Silver	107-1	557.40	479.40	507.90	514.90	7.67	ppb
Silver	109-1	548.62	481.15	511.90	513.89	6.57	ppb
Sodium	23-2	49020.71	48876.00	46726.37	48207.70	2.67	ppb
Strontium	86-1	13020.68	11296.62	12992.17	12436.49	7.94	ppb
Strontium	88-1	13142.93	11245.87	12535.23	12308.01	7.87	ppb
Sulfur	34-1	15277.14	10493.64	12329.72	12700.17	19.00	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	515.59	435.53	464.38	471.83	8.59	ppb
Thallium	205-1	542.23	463.98	485.55	497.25	8.13	ppb
Tin	118-1	518.27	457.37	486.02	487.22	6.25	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:00:37	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5277.64	4673.49	5077.98	5009.70	6.14	ppb
Uranium	238-1	537.67	457.78	493.88	496.44	8.06	ppb
Vanadium	51-2	513.14	501.42	495.39	503.32	1.79	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	5305.26	5186.04	5109.98	5200.43	1.89	ppb
Zirconium	90-1	520.28	478.87	522.31	507.15	4.83	ppb
Zirconium	91-1	513.73	453.23	518.82	495.26	7.37	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:03:46	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19157.29	18764.32	18377.13	18766.25	2.08	ppb
Antimony	121-1	991.92	1038.33	984.78	1005.01	2.89	ppb
Arsenic	75-2	1003.25	997.94	983.14	994.78	1.05	ppb
Barium	135-1	5035.78	5067.81	4985.74	5029.78	0.82	ppb
Barium	137-1	4997.15	5034.89	4905.37	4979.14	1.34	ppb
Beryllium	9-1	993.28	996.34	983.93	991.18	0.65	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Boron	10-1	957.74	1004.39	1036.84	999.65	3.98	ppb
Boron	11-1	926.79	972.34	1043.67	980.93	6.01	ppb
Bromine	81-1						cps
Cadmium	111-1	994.27	1002.51	973.76	990.18	1.50	ppb
Cadmium	106-1	983.05	1025.77	973.35	994.06	2.81	ppb
Cadmium	108-1	997.12	1014.22	958.25	989.86	2.90	ppb
Calcium	43-1	107700.56	108256.47	109128.81	108361.95	0.66	ppb
Calcium	44-1	101549.44	98844.33	106410.60	102268.12	3.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1020.33	1009.43	957.84	995.86	3.35	ppb
Cobalt	59-2	1022.31	1010.01	966.45	999.59	2.94	ppb
Copper	63-2	9964.87	10061.41	9662.27	9896.18	2.10	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				104		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	54-2	49540.62	48818.58	48441.83	48933.68	1.14	ppb
Iron	56-2	48544.10	49259.91	47117.74	48307.25	2.26	ppb
Iron	57-2	47315.44	47006.37	46350.48	46890.76	1.05	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:03:46	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5006.88	5129.65	4905.28	5013.94	2.24	ppb
Lead	207-1	5101.10	4973.77	4966.92	5013.93	1.51	ppb
Lead	208-1	5048.73	5047.72	4953.36	5016.60	1.09	ppb
Lithium	6-1				97		%
Magnesium	24-2	96279.17	95984.13	94183.47	95482.25	1.19	ppb
Manganese	55-2	10042.25	10034.18	9670.44	9915.62	2.14	ppb
Molybdenum	94-1	10393.57	9966.81	9659.61	10006.66	3.68	ppb
Molybdenum	95-1	9978.14	10001.25	9953.01	9977.47	0.24	ppb
Molybdenum	96-1	10390.73	9833.78	9683.29	9969.27	3.74	ppb
Molybdenum	97-1	10603.60	9734.79	9592.30	9976.90	5.49	ppb
Molybdenum	98-1	10480.52	9792.58	9707.78	9993.63	4.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1013.49	988.90	967.71	990.03	2.31	ppb
Phosphorus	31-2	19522.64	20093.12	19560.92	19725.56	1.62	ppb
Potassium	39-2	47673.64	47226.08	47164.89	47354.87	0.59	ppb
Rhodium	103-1				98		%
Rhodium	103-2				92		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	1042.31	961.21	975.64	993.05	4.36	ppb
Selenium	77-2	986.99	994.56	974.72	985.43	1.02	ppb
Selenium	78-2	1005.50	988.38	985.11	992.99	1.10	ppb
Silicon	28-1	981.07	966.21	999.29	982.19	1.69	ppb
Silver	107-1	983.18	1017.70	973.78	991.55	2.33	ppb
Silver	109-1	993.77	1021.24	954.89	989.97	3.37	ppb
Sodium	23-2	96905.41	94700.20	94065.69	95223.77	1.57	ppb
Strontium	86-1	26378.90	23892.22	24775.76	25015.62	5.04	ppb
Strontium	88-1	25577.60	24365.80	25299.56	25080.99	2.53	ppb
Sulfur	34-1	18146.09	18284.84	19039.88	18490.27	2.60	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	1008.49	1037.11	1013.80	1019.80	1.49	ppb
Thallium	205-1	1014.93	1028.74	976.79	1006.82	2.67	ppb
Tin	118-1	1022.10	1021.56	977.21	1006.96	2.56	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:03:46	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9937.01	9968.25	10052.05	9985.77	0.60	ppb
Uranium	238-1	1017.18	1021.39	984.11	1007.56	2.03	ppb
Vanadium	51-2	1016.62	1000.34	976.29	997.75	2.03	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	10122.58	9757.11	9613.15	9830.95	2.67	ppb
Zirconium	90-1	1027.91	965.79	992.45	995.38	3.13	ppb
Zirconium	91-1	1036.55	974.31	993.59	1001.48	3.18	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:06:52	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	103386.19	99490.81	97954.42	100277.14	2.79	ppb
Antimony	121-1	0.68	0.65	0.75	0.69	7.03	ppb
Arsenic	75-2	0.33	0.39	0.20	0.31	30.51	ppb
Barium	135-1	3.11	3.29	3.12	3.17	3.18	ppb
Barium	137-1	2.95	3.04	2.94	2.98	1.83	ppb
Beryllium	9-1	0.17	0.22	0.15	0.18	17.65	ppb
Bismuth	209-1				96		%
Bismuth	209-2				92		%
Boron	10-1	93.15	84.46	75.89	84.50	10.21	ppb
Boron	11-1	97.60	88.91	80.62	89.04	9.53	ppb
Bromine	81-1						cps
Cadmium	111-1	0.39	0.41	0.44	0.41	6.44	ppb
Cadmium	106-1	1.81	-1.09	-2.29	-0.52		ppb
Cadmium	108-1	-0.07	0.42	0.06	0.14	187.15	ppb
Calcium	43-1	501993.71	496195.41	495441.87	497877.00	0.72	ppb
Calcium	44-1	509141.60	508282.73	480838.47	499420.93	3.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.77	7.07	6.90	6.91	2.21	ppb
Cobalt	59-2	0.93	1.02	0.94	0.96	4.96	ppb
Copper	63-2	2.69	2.72	2.80	2.74	2.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	54-2	250241.92	248474.02	252158.66	250291.53	0.74	ppb
Iron	56-2	248450.64	250386.74	252290.54	250375.97	0.77	ppb
Iron	57-2	248475.21	254321.21	249440.91	250745.78	1.25	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:06:52	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.15	1.32	1.15	1.21	8.26	ppb
Lead	207-1	1.13	1.35	1.10	1.19	11.41	ppb
Lead	208-1	1.13	1.32	1.15	1.20	8.56	ppb
Lithium	6-1				90		%
Magnesium	24-2	500053.64	504537.26	497952.85	500847.91	0.67	ppb
Manganese	55-2	10.60	11.60	10.69	10.96	5.03	ppb
Molybdenum	94-1	2.81	2.99	2.92	2.90	3.07	ppb
Molybdenum	95-1	2.73	3.05	2.96	2.92	5.64	ppb
Molybdenum	96-1	5.25	5.19	4.93	5.12	3.37	ppb
Molybdenum	97-1	2.67	2.76	2.73	2.72	1.59	ppb
Molybdenum	98-1	2.57	2.58	2.51	2.56	1.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.92	3.03	3.23	3.06	4.99	ppb
Phosphorus	31-2	-14.52	12.86	21.74	6.69	282.45	ppb
Potassium	39-2	256142.50	245776.12	250004.28	250640.97	2.08	ppb
Rhodium	103-1				93		%
Rhodium	103-2				88		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	82-1	0.59	0.59	1.11	0.77	39.34	ppb
Selenium	77-2	2.15	0.55	0.57	1.09	84.37	ppb
Selenium	78-2	-0.06	-2.66	-1.21	-1.31		ppb
Silicon	28-1	16.89	13.07	9.43	13.13	28.41	ppb
Silver	107-1	0.47	0.38	0.47	0.44	11.56	ppb
Silver	109-1	0.51	0.44	0.46	0.47	7.22	ppb
Sodium	23-2	493482.43	508505.02	501479.03	501155.49	1.50	ppb
Strontium	86-1	7.65	7.14	6.71	7.17	6.57	ppb
Strontium	88-1	7.14	7.82	7.27	7.41	4.93	ppb
Sulfur	34-1	-3320.61	-3689.54	-3786.55	-3598.90		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.26	0.28	0.24	0.26	6.44	ppb
Thallium	205-1	0.20	0.26	0.26	0.24	13.55	ppb
Tin	118-1	0.72	0.79	0.70	0.74	6.15	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:06:52	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.20	2.40	1.83	2.14	13.35	ppb
Uranium	238-1	0.08	0.06	0.08	0.07	14.60	ppb
Vanadium	51-2	0.35	0.30	0.25	0.30	16.20	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	8.29	7.40	7.03	7.57	8.54	ppb
Zirconium	90-1	0.29	0.23	0.22	0.24	15.30	ppb
Zirconium	91-1	0.29	0.26	0.19	0.25	21.68	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	ICV03	Instrumnet Name :	P8
Client Sample ID :	ICV03	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:41:08	DataFile Name :	016ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	498.60	492.49	491.61	494.23	0.77	ppb
Antimony	121-1	203.39	206.93	191.67	200.66	3.98	ppb
Arsenic	75-2	216.79	213.62	207.35	212.59	2.26	ppb
Barium	135-1	100.52	104.26	93.63	99.47	5.42	ppb
Barium	137-1	100.21	103.98	97.22	100.47	3.37	ppb
Beryllium	9-1	108.17	111.95	102.34	107.49	4.50	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	541.97	565.41	512.76	540.05	4.88	ppb
Boron	11-1	572.79	606.53	553.12	577.48	4.68	ppb
Bromine	81-1						cps
Cadmium	111-1	110.99	114.41	102.63	109.34	5.54	ppb
Cadmium	106-1	192.73	190.45	176.83	186.67	4.61	ppb
Cadmium	108-1	168.97	171.41	164.43	168.27	2.10	ppb
Calcium	43-1	2121.04	2287.71	2113.04	2173.93	4.54	ppb
Calcium	44-1	2036.72	2208.94	2045.62	2097.10	4.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	102.04	102.97	100.65	101.89	1.15	ppb
Cobalt	59-2	104.77	102.12	101.30	102.73	1.77	ppb
Copper	63-2	103.56	99.02	99.11	100.56	2.58	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				103		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	2051.49	1979.28	1940.69	1990.49	2.83	ppb
Iron	56-2	1960.63	1989.67	1934.17	1961.49	1.42	ppb
Iron	57-2	1933.17	1880.75	1892.61	1902.18	1.45	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	ICV03	Instrumnet Name :	P8
Client Sample ID :	ICV03	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:41:08	DataFile Name :	016ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	218.37	224.98	212.34	218.57	2.89	ppb
Lead	207-1	206.68	214.02	198.92	206.54	3.66	ppb
Lead	208-1	211.66	219.70	206.42	212.59	3.15	ppb
Lithium	6-1				95		%
Magnesium	24-2	1160.32	1093.97	1125.00	1126.43	2.95	ppb
Manganese	55-2	103.06	101.52	100.43	101.67	1.30	ppb
Molybdenum	94-1	4506.93	4823.66	4551.25	4627.28	3.71	ppb
Molybdenum	95-1	4657.85	4807.57	4439.31	4634.91	4.00	ppb
Molybdenum	96-1	4623.98	4933.68	4503.41	4687.02	4.74	ppb
Molybdenum	97-1	4494.80	4798.85	4603.56	4632.40	3.33	ppb
Molybdenum	98-1	4556.97	4715.81	4431.94	4568.24	3.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	113.46	108.70	111.34	111.17	2.14	ppb
Phosphorus	31-2	-14.38	-67.26	-41.51	-41.05		ppb
Potassium	39-2	1897.79	1776.38	1770.99	1815.05	3.95	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	216.65	230.53	210.52	219.23	4.68	ppb
Selenium	77-2	246.70	241.17	244.01	243.96	1.13	ppb
Selenium	78-2	225.19	213.27	220.42	219.63	2.73	ppb
Silicon	28-1	125.00	153.10	133.81	137.30	10.47	ppb
Silver	107-1	52.05	53.63	48.24	51.30	5.40	ppb
Silver	109-1	51.60	53.33	47.74	50.89	5.63	ppb
Sodium	23-2	1994.22	1896.05	1913.91	1934.73	2.70	ppb
Strontium	86-1	459.60	490.99	443.91	464.83	5.16	ppb
Strontium	88-1	477.20	484.36	444.21	468.59	4.57	ppb
Sulfur	34-1	-6477.60	-5234.80	-6275.42	-5995.94		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	223.07	229.97	214.33	222.46	3.52	ppb
Thallium	205-1	228.31	230.41	217.63	225.45	3.04	ppb
Tin	118-1	474.93	492.58	456.60	474.70	3.79	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	ICV03	Instrumnet Name :	P8
Client Sample ID :	ICV03	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:41:08	DataFile Name :	016ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4458.93	4767.97	4422.63	4549.84	4.17	ppb
Uranium	238-1	503.20	564.98	514.98	527.72	6.22	ppb
Vanadium	51-2	101.30	99.97	99.93	100.40	0.78	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	214.55	218.30	218.44	217.10	1.02	ppb
Zirconium	90-1	483.50	517.81	480.66	493.99	4.19	ppb
Zirconium	91-1	479.15	504.64	464.71	482.84	4.19	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:46:47	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.75	18.90	20.08	19.57	3.11	ppb
Antimony	121-1	1.96	1.78	1.91	1.88	4.97	ppb
Arsenic	75-2	1.03	1.03	0.93	1.00	5.85	ppb
Barium	135-1	8.94	9.06	9.16	9.05	1.23	ppb
Barium	137-1	9.19	9.44	8.89	9.17	3.03	ppb
Beryllium	9-1	1.11	1.04	1.01	1.05	5.04	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	10-1	31.22	30.69	30.43	30.78	1.32	ppb
Boron	11-1	32.37	33.00	32.69	32.69	0.97	ppb
Bromine	81-1						cps
Cadmium	111-1	0.98	0.94	1.03	0.98	4.35	ppb
Cadmium	106-1	-2.41	-1.00	0.18	-1.08		ppb
Cadmium	108-1	0.60	0.95	1.29	0.95	36.59	ppb
Calcium	43-1	467.59	478.99	446.22	464.26	3.58	ppb
Calcium	44-1	471.36	478.43	452.82	467.54	2.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.90	1.94	2.00	1.94	2.57	ppb
Cobalt	59-2	0.98	1.01	1.10	1.03	5.90	ppb
Copper	63-2	1.99	1.96	1.89	1.95	2.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	54-2	43.35	49.71	46.90	46.65	6.84	ppb
Iron	56-2	45.58	45.46	46.74	45.93	1.55	ppb
Iron	57-2	51.48	43.68	52.49	49.22	9.80	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:46:47	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.92	0.83	0.88	0.88	4.72	ppb
Lead	207-1	0.92	0.90	0.75	0.86	11.09	ppb
Lead	208-1	0.93	0.85	0.81	0.86	7.20	ppb
Lithium	6-1				96		%
Magnesium	24-2	476.68	472.84	484.29	477.94	1.22	ppb
Manganese	55-2	1.14	0.95	1.00	1.03	9.31	ppb
Molybdenum	94-1	6.40	5.50	6.09	6.00	7.70	ppb
Molybdenum	95-1	4.93	4.70	5.08	4.90	3.85	ppb
Molybdenum	96-1	4.96	4.76	5.13	4.95	3.69	ppb
Molybdenum	97-1	5.27	4.81	5.00	5.03	4.51	ppb
Molybdenum	98-1	5.21	4.93	4.79	4.98	4.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.96	0.96	1.00	0.98	2.61	ppb
Phosphorus	31-2	1.84	-16.87	9.72	-1.77		ppb
Potassium	39-2	418.04	402.41	452.98	424.48	6.10	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	4.77	5.08	4.72	4.86	3.97	ppb
Selenium	77-2	6.48	5.10	2.12	4.57	48.74	ppb
Selenium	78-2	3.97	4.74	4.02	4.24	10.13	ppb
Silicon	28-1	-0.64	1.51	1.94	0.94	146.95	ppb
Silver	107-1	1.02	0.87	0.93	0.94	8.21	ppb
Silver	109-1	1.01	0.99	0.98	0.99	1.35	ppb
Sodium	23-2	463.37	461.28	489.27	471.31	3.31	ppb
Strontium	86-1	1.02	0.90	0.88	0.93	7.81	ppb
Strontium	88-1	0.95	0.96	1.02	0.98	3.85	ppb
Sulfur	34-1	-5268.97	-4860.54	-5051.80	-5060.44		ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	0.88	0.91	0.90	0.89	1.70	ppb
Thallium	205-1	0.95	0.93	0.83	0.90	7.05	ppb
Tin	118-1	4.36	4.28	4.26	4.30	1.30	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:46:47	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.25	4.95	4.75	4.98	5.03	ppb
Uranium	238-1	0.99	0.83	0.88	0.90	8.92	ppb
Vanadium	51-2	4.93	4.44	4.58	4.65	5.39	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	2.13	2.23	2.72	2.36	13.42	ppb
Zirconium	90-1	1.01	0.87	1.02	0.96	8.91	ppb
Zirconium	91-1	1.06	0.95	0.75	0.92	16.98	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	ICB03	Instrumnet Name :	P8
Client Sample ID :	ICB03	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:03:21	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.19	0.14	-0.29	0.02	1723.27	ppb
Antimony	121-1	0.01	0.00	0.02	0.01	89.56	ppb
Arsenic	75-2	-0.05	-0.03	-0.05	-0.05		ppb
Barium	135-1	-0.02	0.00	0.03	0.00	473.28	ppb
Barium	137-1	0.01	-0.01	0.04	0.01	153.78	ppb
Beryllium	9-1	0.00	0.01	0.00	0.01	83.67	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	7.47	7.20	6.67	7.11	5.71	ppb
Boron	11-1	7.67	7.35	7.23	7.42	3.07	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	0.01	-0.01	0.00		ppb
Cadmium	106-1	-2.17	0.88	0.52	-0.25		ppb
Cadmium	108-1	-0.14	0.14	0.14	0.04	368.33	ppb
Calcium	43-1	2.08	2.10	-0.63	1.18	132.76	ppb
Calcium	44-1	-0.54	4.32	-3.62	0.05	7681.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.01	-0.06	-0.03		ppb
Cobalt	59-2	0.01	-0.01	0.03	0.01	188.30	ppb
Copper	63-2	-0.06	0.00	-0.10	-0.05		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	54-2	1.19	-1.02	-1.53	-0.45		ppb
Iron	56-2	-0.04	0.09	-0.30	-0.08		ppb
Iron	57-2	-1.76	0.82	-3.30	-1.41		ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	ICB03	Instrumnet Name :	P8
Client Sample ID :	ICB03	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:03:21	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.02	-0.03	0.00	-0.02		ppb
Lead	207-1	0.02	0.01	-0.04	0.00		ppb
Lead	208-1	-0.01	0.00	0.00	0.00		ppb
Lithium	6-1				94		%
Magnesium	24-2	-0.70	-0.71	-0.76	-0.72		ppb
Manganese	55-2	-0.02	0.01	-0.02	-0.01		ppb
Molybdenum	94-1	0.04	0.03	0.02	0.03	41.78	ppb
Molybdenum	95-1	0.01	0.00	0.01	0.01	66.94	ppb
Molybdenum	96-1	-0.04	0.00	0.01	-0.01		ppb
Molybdenum	97-1	0.06	0.03	0.02	0.04	47.22	ppb
Molybdenum	98-1	0.03	0.01	0.02	0.02	68.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.06	0.10	0.07	30.22	ppb
Phosphorus	31-2	-44.13	-27.31	-8.12	-26.52		ppb
Potassium	39-2	-4.76	-15.51	-45.60	-21.95		ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	0.04	-0.31	0.85	0.19	312.31	ppb
Selenium	77-2	-0.98	-0.98	-0.98	-0.98		ppb
Selenium	78-2	0.53	-0.63	-0.46	-0.19		ppb
Silicon	28-1	0.01	6.34	-6.21	0.04	14212.74	ppb
Silver	107-1	-0.01	0.00	-0.01	0.00		ppb
Silver	109-1	0.00	0.01	0.00	0.00	295.76	ppb
Sodium	23-2	18.14	20.92	22.31	20.46	10.38	ppb
Strontium	86-1	-0.16	-0.03	-0.09	-0.09		ppb
Strontium	88-1	0.00	0.00	0.01	0.00	116.04	ppb
Sulfur	34-1	-3279.69	-1982.58	-4150.29	-3137.52		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	-0.03	-0.02	-0.01	-0.02		ppb
Thallium	205-1	0.00	-0.01	-0.02	-0.01		ppb
Tin	118-1	1.66	2.24	1.86	1.92	15.42	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	ICB03	Instrumnet Name :	P8
Client Sample ID :	ICB03	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:03:21	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.06	0.07	-0.09	0.02	577.54	ppb
Uranium	238-1	0.00	0.00	-0.01	0.00		ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	0.12	-0.05	-0.19	-0.04		ppb
Zirconium	90-1	0.00	0.03	0.00	0.01	206.52	ppb
Zirconium	91-1	0.00	0.02	-0.01	0.00	2296.38	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	ICSA03	Instrumnet Name :	P8
Client Sample ID :	ICSA03	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:06:33	DataFile Name :	022ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93068.32	90549.48	92505.48	92041.09	1.44	ppb
Antimony	121-1	0.90	1.05	1.06	1.00	9.02	ppb
Arsenic	75-2	0.30	0.31	0.35	0.32	9.03	ppb
Barium	135-1	1.15	1.49	1.27	1.30	12.97	ppb
Barium	137-1	1.64	1.24	1.56	1.48	14.31	ppb
Beryllium	9-1	0.32	0.28	0.29	0.30	6.36	ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Boron	10-1	6.07	5.80	5.69	5.85	3.41	ppb
Boron	11-1	6.65	6.23	6.05	6.31	4.87	ppb
Bromine	81-1						cps
Cadmium	111-1	0.54	0.48	0.43	0.48	11.75	ppb
Cadmium	106-1	-3.80	-1.82	-1.40	-2.34		ppb
Cadmium	108-1	11.44	11.50	10.97	11.31	2.57	ppb
Calcium	43-1	97936.84	97584.92	94685.78	96735.85	1.84	ppb
Calcium	44-1	94499.83	97254.82	93535.53	95096.73	2.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.09	19.77	18.34	19.40	4.80	ppb
Cobalt	59-2	1.14	1.03	1.16	1.11	6.52	ppb
Copper	63-2	7.32	7.10	7.27	7.23	1.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				99		%
Iron	54-2	97545.99	93669.44	92556.56	94590.66	2.77	ppb
Iron	56-2	96132.06	95774.83	88883.29	93596.73	4.37	ppb
Iron	57-2	97734.23	99305.81	92177.75	96405.93	3.88	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	ICSA03	Instrumnet Name :	P8
Client Sample ID :	ICSA03	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:06:33	DataFile Name :	022ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5.03	4.99	5.04	5.02	0.53	ppb
Lead	207-1	4.50	4.54	4.38	4.47	1.82	ppb
Lead	208-1	4.71	4.73	4.75	4.73	0.43	ppb
Lithium	6-1				98		%
Magnesium	24-2	90529.65	90203.35	89095.02	89942.67	0.84	ppb
Manganese	55-2	8.17	7.54	7.31	7.67	5.83	ppb
Molybdenum	94-1	1668.80	1546.01	1583.19	1599.33	3.94	ppb
Molybdenum	95-1	1976.67	1928.42	1879.36	1928.15	2.52	ppb
Molybdenum	96-1	1977.27	1894.13	1879.08	1916.83	2.76	ppb
Molybdenum	97-1	1948.61	1867.13	1967.52	1927.75	2.77	ppb
Molybdenum	98-1	1967.96	1916.36	1876.71	1920.34	2.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.42	5.05	4.93	5.13	4.94	ppb
Phosphorus	31-2	99628.83	100731.63	96611.78	98990.75	2.15	ppb
Potassium	39-2	89326.47	93023.44	86857.37	89735.76	3.46	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	0.27	-0.11	0.18	0.11	176.36	ppb
Selenium	77-2	-0.98	-0.98	-0.98	-0.98		ppb
Selenium	78-2	0.34	-1.37	-0.92	-0.65		ppb
Silicon	28-1	15.17	12.71	12.52	13.46	10.98	ppb
Silver	107-1	0.00	0.01	0.01	0.01	124.67	ppb
Silver	109-1	-0.01	0.01	0.01	0.00	223.99	ppb
Sodium	23-2	95790.86	92728.97	92482.36	93667.40	1.97	ppb
Strontium	86-1	33.97	32.20	32.48	32.88	2.89	ppb
Strontium	88-1	34.59	32.83	32.63	33.35	3.23	ppb
Sulfur	34-1	103800.53	100729.24	98420.93	100983.57	2.67	ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	0.17	0.18	0.25	0.20	20.75	ppb
Thallium	205-1	0.21	0.13	0.20	0.18	25.17	ppb
Tin	118-1	0.00	-0.10	-0.08	-0.06		ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	ICSA03	Instrumnet Name :	P8
Client Sample ID :	ICSA03	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:06:33	DataFile Name :	022ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2011.96	1988.08	1949.98	1983.34	1.58	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	62.01	ppb
Vanadium	51-2	0.17	0.22	0.20	0.20	10.91	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	11.07	10.35	10.77	10.73	3.38	ppb
Zirconium	90-1	0.01	0.01	0.05	0.02	91.52	ppb
Zirconium	91-1	0.02	-0.02	-0.01	0.00		ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	ICSAB03	Instrumnet Name :	P8
Client Sample ID :	ICSAB03	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:09:37	DataFile Name :	023ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97855.56	95248.06	92616.00	95239.87	2.75	ppb
Antimony	121-1	21.19	20.34	19.42	20.32	4.34	ppb
Arsenic	75-2	20.96	20.27	20.87	20.70	1.80	ppb
Barium	135-1	21.07	21.30	20.85	21.07	1.06	ppb
Barium	137-1	22.07	23.28	20.57	21.98	6.18	ppb
Beryllium	9-1	19.26	19.92	19.23	19.47	2.00	ppb
Bismuth	209-1				103		%
Bismuth	209-2				96		%
Boron	10-1	53.05	53.97	52.70	53.24	1.23	ppb
Boron	11-1	55.25	58.48	56.85	56.86	2.83	ppb
Bromine	81-1						cps
Cadmium	111-1	21.56	20.29	18.80	20.21	6.85	ppb
Cadmium	106-1	29.71	25.60	27.42	27.58	7.46	ppb
Cadmium	108-1	33.46	32.06	33.23	32.92	2.29	ppb
Calcium	43-1	96206.52	95732.56	96715.60	96218.23	0.51	ppb
Calcium	44-1	96236.86	94890.74	93301.80	94809.80	1.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41.03	39.65	39.30	39.99	2.29	ppb
Cobalt	59-2	21.83	20.92	20.32	21.02	3.61	ppb
Copper	63-2	28.33	26.08	25.77	26.73	5.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	54-2	101200.58	96474.57	93173.40	96949.52	4.16	ppb
Iron	56-2	100518.75	96121.07	92088.88	96242.90	4.38	ppb
Iron	57-2	102412.27	97193.63	93690.19	97765.36	4.49	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	ICSAB03	Instrumnet Name :	P8
Client Sample ID :	ICSAB03	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:09:37	DataFile Name :	023ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	23.14	23.35	22.78	23.09	1.26	ppb
Lead	207-1	22.54	22.26	21.43	22.08	2.61	ppb
Lead	208-1	22.44	22.45	22.20	22.36	0.64	ppb
Lithium	6-1				101		%
Magnesium	24-2	92898.60	91189.21	91474.84	91854.22	1.00	ppb
Manganese	55-2	28.91	26.99	26.13	27.35	5.21	ppb
Molybdenum	94-1	1719.72	1734.09	1678.60	1710.81	1.68	ppb
Molybdenum	95-1	1992.14	1997.99	1921.46	1970.53	2.16	ppb
Molybdenum	96-1	1961.75	1966.11	1885.63	1937.83	2.34	ppb
Molybdenum	97-1	1956.58	1970.38	1901.65	1942.87	1.87	ppb
Molybdenum	98-1	1914.97	1921.01	1909.51	1915.16	0.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.80	26.18	24.77	25.92	4.00	ppb
Phosphorus	31-2	102751.86	98859.24	99662.19	100424.43	2.05	ppb
Potassium	39-2	100129.88	93554.18	88964.43	94216.16	5.96	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	82-1	18.93	20.27	19.34	19.51	3.53	ppb
Selenium	77-2	17.16	18.46	29.27	21.63	30.74	ppb
Selenium	78-2	19.96	18.47	21.45	19.96	7.45	ppb
Silicon	28-1	24.31	23.12	24.78	24.07	3.55	ppb
Silver	107-1	19.13	18.67	17.55	18.45	4.40	ppb
Silver	109-1	18.93	19.47	18.18	18.86	3.45	ppb
Sodium	23-2	99644.62	96988.34	96913.84	97848.93	1.59	ppb
Strontium	86-1	83.31	85.10	78.39	82.27	4.22	ppb
Strontium	88-1	82.05	83.32	79.26	81.54	2.55	ppb
Sulfur	34-1	99291.55	99276.51	97384.69	98650.92	1.11	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	19.94	19.33	18.66	19.31	3.32	ppb
Thallium	205-1	19.62	19.51	19.31	19.48	0.80	ppb
Tin	118-1	48.51	47.48	46.16	47.38	2.48	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	ICSAB03	Instrumnet Name :	P8
Client Sample ID :	ICSAB03	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:09:37	DataFile Name :	023ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2049.83	2000.27	2000.28	2016.79	1.42	ppb
Uranium	238-1	47.23	47.96	47.54	47.58	0.77	ppb
Vanadium	51-2	21.15	19.56	19.69	20.13	4.39	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				99		%
Zinc	66-2	30.71	30.49	28.82	30.01	3.45	ppb
Zirconium	90-1	49.36	49.70	48.25	49.10	1.54	ppb
Zirconium	91-1	48.24	50.53	47.38	48.72	3.34	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:12:39	DataFile Name :	024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47453.10	47784.28	47299.22	47512.20	0.52	ppb
Antimony	121-1	483.93	481.74	469.00	478.22	1.69	ppb
Arsenic	75-2	487.71	489.99	478.11	485.27	1.30	ppb
Barium	135-1	2644.78	2693.27	2469.50	2602.52	4.52	ppb
Barium	137-1	2607.06	2531.86	2576.95	2571.96	1.47	ppb
Beryllium	9-1	511.20	497.83	494.67	501.23	1.75	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	524.42	545.44	554.32	541.39	2.84	ppb
Boron	11-1	566.91	583.44	585.23	578.52	1.75	ppb
Bromine	81-1						cps
Cadmium	111-1	532.73	522.68	519.17	524.86	1.34	ppb
Cadmium	106-1	528.07	508.42	520.60	519.03	1.91	ppb
Cadmium	108-1	517.94	514.62	523.02	518.53	0.82	ppb
Calcium	43-1	244310.33	245610.29	245416.92	245112.51	0.29	ppb
Calcium	44-1	239032.85	243749.85	234177.21	238986.63	2.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	505.66	506.23	488.42	500.10	2.02	ppb
Cobalt	59-2	486.32	482.88	468.24	479.15	2.00	ppb
Copper	63-2	5384.86	5348.08	5132.31	5288.42	2.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	54-2	119553.25	127075.04	116827.32	121151.87	4.38	ppb
Iron	56-2	118542.59	119702.22	117849.35	118698.05	0.79	ppb
Iron	57-2	122267.15	125180.56	119076.65	122174.79	2.50	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:12:39	DataFile Name :	024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2624.44	2624.05	2584.57	2611.02	0.88	ppb
Lead	207-1	2576.14	2633.16	2653.29	2620.86	1.53	ppb
Lead	208-1	2591.42	2625.63	2641.45	2619.50	0.98	ppb
Lithium	6-1				96		%
Magnesium	24-2	239066.86	235508.31	234256.55	236277.24	1.06	ppb
Manganese	55-2	5135.85	5370.89	4950.33	5152.36	4.09	ppb
Molybdenum	94-1	5231.40	5059.05	4888.13	5059.53	3.39	ppb
Molybdenum	95-1	5256.85	4991.30	5039.73	5095.96	2.78	ppb
Molybdenum	96-1	5295.01	5162.15	4969.82	5142.33	3.18	ppb
Molybdenum	97-1	5100.97	5143.62	5189.43	5144.67	0.86	ppb
Molybdenum	98-1	5285.04	5073.14	5036.40	5131.52	2.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	540.37	533.42	521.05	531.61	1.84	ppb
Phosphorus	31-2	10051.18	10092.56	9917.64	10020.46	0.91	ppb
Potassium	39-2	116068.53	115098.37	112396.44	114521.11	1.66	ppb
Rhodium	103-1				98		%
Rhodium	103-2				91		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	527.62	521.70	510.94	520.08	1.63	ppb
Selenium	77-2	508.03	485.16	476.99	490.06	3.28	ppb
Selenium	78-2	543.08	530.32	514.56	529.32	2.70	ppb
Silicon	28-1	699.00	703.48	696.00	699.49	0.54	ppb
Silver	107-1	539.25	523.07	531.37	531.23	1.52	ppb
Silver	109-1	546.19	537.09	523.49	535.59	2.13	ppb
Sodium	23-2	238561.25	230955.63	233231.16	234249.35	1.67	ppb
Strontium	86-1	13146.91	13286.27	12262.84	12898.67	4.30	ppb
Strontium	88-1	12845.27	12968.29	12432.72	12748.76	2.20	ppb
Sulfur	34-1	10708.46	10397.50	10410.99	10505.65	1.67	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	488.21	483.40	493.85	488.49	1.07	ppb
Thallium	205-1	515.90	518.93	521.40	518.74	0.53	ppb
Tin	118-1	500.88	494.41	474.89	490.06	2.76	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:12:39	DataFile Name :	024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5213.84	5158.36	4932.24	5101.48	2.92	ppb
Uranium	238-1	531.27	534.37	538.69	534.77	0.70	ppb
Vanadium	51-2	504.74	505.39	492.44	500.86	1.46	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	5164.11	5173.85	4945.91	5094.62	2.53	ppb
Zirconium	90-1	515.62	532.82	511.54	519.99	2.17	ppb
Zirconium	91-1	521.30	526.62	500.03	515.98	2.73	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:19:13	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.75	1.93	0.61	1.76	61.31	ppb
Antimony	121-1	0.07	0.08	0.11	0.09	23.66	ppb
Arsenic	75-2	-0.02	0.04	0.00	0.01	490.53	ppb
Barium	135-1	0.06	0.07	0.07	0.07	8.61	ppb
Barium	137-1	0.03	0.06	0.02	0.03	61.07	ppb
Beryllium	9-1	0.03	0.05	0.03	0.04	23.05	ppb
Bismuth	209-1				92		%
Bismuth	209-2				100		%
Boron	10-1	15.08	17.63	15.17	15.96	9.06	ppb
Boron	11-1	15.20	17.98	15.83	16.34	8.91	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	-0.01	0.00	-0.01		ppb
Cadmium	106-1	-2.96	-1.14	-2.20	-2.10		ppb
Cadmium	108-1	-0.14	0.17	0.11	0.05	363.34	ppb
Calcium	43-1	4.37	9.12	7.54	7.01	34.50	ppb
Calcium	44-1	2.69	27.44	15.12	15.08	82.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.03	0.01	0.03	48.84	ppb
Cobalt	59-2	0.00	0.01	-0.01	0.00		ppb
Copper	63-2	0.27	0.24	0.22	0.24	11.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				88		%
Holmium	165-2				100		%
Indium	115-1				90		%
Indium	115-2				98		%
Iron	54-2	1.21	0.06	0.48	0.58	99.52	ppb
Iron	56-2	3.31	1.99	1.74	2.35	35.83	ppb
Iron	57-2	2.61	-0.92	1.67	1.12	162.99	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:19:13	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.09	0.18	0.09	0.12	44.39	ppb
Lead	207-1	0.09	0.24	0.22	0.18	44.87	ppb
Lead	208-1	0.10	0.23	0.15	0.16	40.02	ppb
Lithium	6-1				85		%
Magnesium	24-2	3.12	3.61	0.74	2.49	61.73	ppb
Manganese	55-2	0.08	0.03	0.05	0.05	49.23	ppb
Molybdenum	94-1	0.09	0.22	0.14	0.15	45.68	ppb
Molybdenum	95-1	0.14	0.15	0.15	0.15	6.03	ppb
Molybdenum	96-1	0.14	0.13	0.16	0.15	10.03	ppb
Molybdenum	97-1	0.13	0.16	0.26	0.18	36.52	ppb
Molybdenum	98-1	0.10	0.17	0.18	0.15	29.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.01	0.02	0.04	109.21	ppb
Phosphorus	31-2	-21.43	-34.53	-32.15	-29.37		ppb
Potassium	39-2	-22.43	3.42	-2.57	-7.19		ppb
Rhodium	103-1				87		%
Rhodium	103-2				97		%
Scandium	45-1				87		%
Scandium	45-2				97		%
Selenium	82-1	0.14	-0.94	-0.13	-0.31		ppb
Selenium	77-2	-0.98	-0.98	-0.98	-0.98		ppb
Selenium	78-2	-2.21	-2.77	-1.09	-2.02		ppb
Silicon	28-1	0.41	38.45	14.80	17.89	107.38	ppb
Silver	107-1	0.02	0.01	0.04	0.02	62.96	ppb
Silver	109-1	0.01	0.05	0.03	0.03	69.21	ppb
Sodium	23-2	41.41	42.78	33.87	39.35	12.20	ppb
Strontium	86-1	0.04	0.30	0.44	0.26	77.38	ppb
Strontium	88-1	0.13	0.22	0.26	0.20	34.46	ppb
Sulfur	34-1	-2835.27	3142.22	-289.40	5.85	51249.96	ppb
Terbium	159-1				87		%
Terbium	159-2				99		%
Thallium	203-1	0.08	0.15	0.18	0.14	38.03	ppb
Thallium	205-1	0.14	0.15	0.15	0.15	5.22	ppb
Tin	118-1	1.51	2.16	5.20	2.96	66.61	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:19:13	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.01	0.10	0.18	0.10	86.52	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	55.35	ppb
Vanadium	51-2	0.02	0.00	0.00	0.01	98.55	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				87		%
Yttrium	89-2				97		%
Zinc	66-2	0.08	0.01	0.09	0.06	77.79	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	33.93	ppb
Zirconium	91-1	0.00	0.00	0.01	0.00	203.14	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:22:26	DataFile Name :	026LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.24	18.25	19.59	19.03	3.67	ppb
Antimony	121-1	1.89	1.95	1.91	1.91	1.52	ppb
Arsenic	75-2	1.09	0.84	0.95	0.96	13.04	ppb
Barium	135-1	9.62	10.25	8.62	9.49	8.67	ppb
Barium	137-1	9.71	9.90	9.24	9.62	3.57	ppb
Beryllium	9-1	1.11	1.07	1.07	1.08	2.20	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Boron	10-1	26.97	26.85	28.00	27.27	2.32	ppb
Boron	11-1	28.72	28.10	28.70	28.50	1.24	ppb
Bromine	81-1						cps
Cadmium	111-1	1.09	1.21	1.02	1.11	8.60	ppb
Cadmium	106-1	-1.24	-1.58	-1.17	-1.33		ppb
Cadmium	108-1	0.41	0.80	0.90	0.71	36.61	ppb
Calcium	43-1	483.83	481.92	466.33	477.36	2.01	ppb
Calcium	44-1	480.85	477.27	453.24	470.45	3.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.87	1.99	1.82	1.89	4.66	ppb
Cobalt	59-2	0.95	0.97	1.02	0.98	3.46	ppb
Copper	63-2	2.03	2.40	2.14	2.19	8.65	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				104		%
Indium	115-2				97		%
Iron	54-2	51.23	47.97	40.41	46.54	11.92	ppb
Iron	56-2	46.16	46.69	43.99	45.62	3.14	ppb
Iron	57-2	46.71	39.59	41.86	42.72	8.51	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:22:26	DataFile Name :	026LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.03	1.05	0.86	0.98	10.26	ppb
Lead	207-1	0.94	1.02	0.90	0.95	6.45	ppb
Lead	208-1	0.95	0.98	0.89	0.94	4.62	ppb
Lithium	6-1				97		%
Magnesium	24-2	483.46	469.24	457.64	470.11	2.75	ppb
Manganese	55-2	1.11	0.82	1.22	1.05	20.02	ppb
Molybdenum	94-1	5.76	5.62	5.12	5.50	6.11	ppb
Molybdenum	95-1	4.79	4.88	4.56	4.74	3.52	ppb
Molybdenum	96-1	5.29	4.88	5.01	5.06	4.11	ppb
Molybdenum	97-1	5.27	5.03	4.47	4.92	8.35	ppb
Molybdenum	98-1	5.04	5.05	4.81	4.97	2.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.95	1.06	0.85	0.95	10.82	ppb
Phosphorus	31-2	-16.06	16.15	6.13	2.07	794.81	ppb
Potassium	39-2	411.25	407.64	408.98	409.29	0.45	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	5.81	5.69	5.41	5.64	3.64	ppb
Selenium	77-2	6.57	-0.98	-0.98	1.53	284.26	ppb
Selenium	78-2	3.17	3.58	5.62	4.12	31.84	ppb
Silicon	28-1	4.58	3.09	-1.40	2.09	148.92	ppb
Silver	107-1	0.95	0.99	0.95	0.97	2.56	ppb
Silver	109-1	1.09	1.08	1.00	1.06	4.69	ppb
Sodium	23-2	492.86	500.51	448.74	480.70	5.81	ppb
Strontium	86-1	0.99	1.25	0.88	1.04	17.95	ppb
Strontium	88-1	1.06	1.02	0.94	1.01	6.16	ppb
Sulfur	34-1	-2699.74	-2525.69	-2556.87	-2594.10		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	1.01	0.99	1.12	1.04	6.70	ppb
Thallium	205-1	1.04	1.01	1.07	1.04	3.07	ppb
Tin	118-1	4.70	4.85	4.52	4.69	3.49	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:22:26	DataFile Name :	026LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.27	4.76	4.57	4.87	7.44	ppb
Uranium	238-1	0.91	0.86	0.92	0.90	3.69	ppb
Vanadium	51-2	4.96	4.94	4.84	4.91	1.27	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	2.40	2.36	2.43	2.40	1.37	ppb
Zirconium	90-1	0.96	0.96	0.94	0.95	0.93	ppb
Zirconium	91-1	0.97	1.09	0.95	1.00	7.69	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	N4955-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT4-2022	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:33:26	DataFile Name :	028LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.32	24.66	19.71	21.23	14.02	ppb
Antimony	121-1	1.96	1.92	1.75	1.87	5.94	ppb
Arsenic	75-2	1.10	1.17	1.13	1.13	2.77	ppb
Barium	135-1	9.19	8.79	7.98	8.65	7.11	ppb
Barium	137-1	8.82	9.17	8.90	8.97	2.03	ppb
Beryllium	9-1	1.03	1.06	1.05	1.05	1.24	ppb
Bismuth	209-1				101		%
Bismuth	209-2				86		%
Boron	10-1	21.19	21.81	22.25	21.75	2.44	ppb
Boron	11-1	22.73	23.80	23.15	23.23	2.33	ppb
Bromine	81-1						cps
Cadmium	111-1	0.99	1.08	0.98	1.02	5.25	ppb
Cadmium	106-1	-1.35	1.09	-1.20	-0.49		ppb
Cadmium	108-1	0.82	0.36	0.75	0.64	38.36	ppb
Calcium	43-1	458.42	467.17	442.28	455.96	2.77	ppb
Calcium	44-1	462.23	471.58	438.30	457.37	3.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.02	2.75	2.12	2.30	17.22	ppb
Cobalt	59-2	0.96	1.34	1.01	1.10	18.47	ppb
Copper	63-2	2.16	3.03	2.30	2.50	18.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				87		%
Indium	115-1				103		%
Indium	115-2				86		%
Iron	54-2	38.44	69.18	57.16	54.93	28.21	ppb
Iron	56-2	47.01	64.85	49.61	53.82	17.91	ppb
Iron	57-2	49.83	65.89	55.15	56.96	14.37	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	N4955-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT4-2022	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:33:26	DataFile Name :	028LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.07	0.80	0.84	0.90	16.34	ppb
Lead	207-1	0.96	0.97	0.96	0.97	0.65	ppb
Lead	208-1	0.97	0.86	0.86	0.90	7.15	ppb
Lithium	6-1				96		%
Magnesium	24-2	497.96	628.32	490.88	539.05	14.36	ppb
Manganese	55-2	0.97	1.51	1.10	1.19	23.86	ppb
Molybdenum	94-1	6.15	5.73	5.38	5.75	6.66	ppb
Molybdenum	95-1	4.96	4.93	4.66	4.85	3.47	ppb
Molybdenum	96-1	5.00	4.57	4.47	4.68	6.06	ppb
Molybdenum	97-1	4.23	4.73	4.64	4.53	5.92	ppb
Molybdenum	98-1	4.67	4.72	4.46	4.62	2.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	1.44	1.10	1.20	17.34	ppb
Phosphorus	31-2	-8.75	1.02	-42.65	-16.80		ppb
Potassium	39-2	444.44	763.18	500.24	569.29	29.90	ppb
Rhodium	103-1				98		%
Rhodium	103-2				85		%
Scandium	45-1				99		%
Scandium	45-2				85		%
Selenium	82-1	5.31	4.24	4.94	4.83	11.33	ppb
Selenium	77-2	8.56	21.93	3.93	11.47	81.47	ppb
Selenium	78-2	3.87	8.11	4.80	5.59	39.86	ppb
Silicon	28-1	-1.73	-0.19	-2.71	-1.54		ppb
Silver	107-1	1.02	1.01	1.02	1.02	0.60	ppb
Silver	109-1	0.95	1.05	0.94	0.98	6.01	ppb
Sodium	23-2	499.08	691.07	509.58	566.58	19.05	ppb
Strontium	86-1	1.01	0.96	0.77	0.91	13.85	ppb
Strontium	88-1	0.95	0.98	0.88	0.94	5.38	ppb
Sulfur	34-1	-3008.47	-2929.65	-3195.85	-3044.66		ppb
Terbium	159-1				103		%
Terbium	159-2				89		%
Thallium	203-1	1.07	0.95	0.95	0.99	6.90	ppb
Thallium	205-1	1.05	0.97	1.02	1.02	4.01	ppb
Tin	118-1	4.45	4.51	4.47	4.48	0.68	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	N4955-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT4-2022	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:33:26	DataFile Name :	028LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.80	4.90	4.59	4.76	3.30	ppb
Uranium	238-1	0.93	0.88	0.88	0.89	2.95	ppb
Vanadium	51-2	5.05	6.13	5.34	5.50	10.15	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				86		%
Zinc	66-2	2.05	2.80	2.14	2.33	17.53	ppb
Zirconium	90-1	1.00	0.97	0.96	0.97	2.31	ppb
Zirconium	91-1	0.95	0.83	0.91	0.90	6.73	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	N4955-16	Instrumnet Name :	P8
Client Sample ID :	LLOQ-SOIL-QT4-2022	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:39:43	DataFile Name :	029LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.57	20.08	17.29	19.32	9.16	ppb
Antimony	121-1	1.68	1.97	1.94	1.87	8.60	ppb
Arsenic	75-2	0.90	1.11	1.19	1.06	14.10	ppb
Barium	135-1	8.04	9.01	9.45	8.83	8.17	ppb
Barium	137-1	8.90	9.43	9.32	9.22	3.05	ppb
Beryllium	9-1	0.94	1.11	1.09	1.05	9.17	ppb
Bismuth	209-1				107		%
Bismuth	209-2				100		%
Boron	10-1	18.21	21.37	23.21	20.93	12.09	ppb
Boron	11-1	18.91	22.79	24.31	22.00	12.66	ppb
Bromine	81-1						cps
Cadmium	111-1	0.92	0.86	1.08	0.95	11.92	ppb
Cadmium	106-1	-0.98	-1.61	0.96	-0.54		ppb
Cadmium	108-1	0.60	0.54	1.01	0.72	36.21	ppb
Calcium	43-1	402.37	470.54	472.48	448.46	8.90	ppb
Calcium	44-1	394.61	473.79	471.35	446.58	10.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.93	1.99	1.87	1.93	3.02	ppb
Cobalt	59-2	0.93	0.93	0.94	0.93	0.65	ppb
Copper	63-2	2.00	2.02	2.05	2.02	1.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				107		%
Indium	115-2				98		%
Iron	54-2	43.33	46.25	47.99	45.86	5.14	ppb
Iron	56-2	46.43	46.19	44.29	45.63	2.57	ppb
Iron	57-2	58.30	44.71	44.17	49.06	16.32	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	N4955-16	Instrumnet Name :	P8
Client Sample ID :	LLOQ-SOIL-QT4-2022	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:39:43	DataFile Name :	029LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.72	0.94	0.78	0.81	14.41	ppb
Lead	207-1	0.82	0.88	0.87	0.86	3.85	ppb
Lead	208-1	0.80	0.90	0.85	0.85	6.05	ppb
Lithium	6-1				98		%
Magnesium	24-2	482.58	470.69	455.60	469.63	2.88	ppb
Manganese	55-2	1.01	0.97	0.95	0.98	2.78	ppb
Molybdenum	94-1	4.92	5.70	5.62	5.42	7.92	ppb
Molybdenum	95-1	4.39	4.75	4.51	4.55	3.98	ppb
Molybdenum	96-1	4.38	5.24	4.72	4.78	9.08	ppb
Molybdenum	97-1	4.81	5.23	4.76	4.93	5.23	ppb
Molybdenum	98-1	4.49	4.58	4.68	4.58	2.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.16	1.03	0.98	1.06	8.66	ppb
Phosphorus	31-2	-25.55	-16.19	-17.12	-19.62		ppb
Potassium	39-2	435.86	446.18	419.04	433.70	3.16	ppb
Rhodium	103-1				104		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	82-1	5.35	5.57	4.77	5.23	7.86	ppb
Selenium	77-2	5.02	5.10	5.06	5.06	0.83	ppb
Selenium	78-2	4.70	5.82	5.33	5.28	10.58	ppb
Silicon	28-1	-15.35	-0.25	2.11	-4.50		ppb
Silver	107-1	0.91	0.96	1.06	0.98	8.05	ppb
Silver	109-1	0.97	1.03	1.12	1.04	7.28	ppb
Sodium	23-2	469.18	469.42	465.36	467.99	0.49	ppb
Strontium	86-1	0.60	0.89	0.78	0.76	19.39	ppb
Strontium	88-1	0.79	0.93	0.92	0.88	8.41	ppb
Sulfur	34-1	-5665.30	-2554.45	-2459.07	-3559.61		ppb
Terbium	159-1				106		%
Terbium	159-2				99		%
Thallium	203-1	0.98	0.95	0.93	0.95	2.30	ppb
Thallium	205-1	0.85	0.98	0.99	0.94	8.55	ppb
Tin	118-1	4.03	4.70	4.71	4.48	8.74	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	N4955-16	Instrumnet Name :	P8
Client Sample ID :	LLOQ-SOIL-QT4-2022	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:39:43	DataFile Name :	029LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.70	4.92	4.68	4.43	14.61	ppb
Uranium	238-1	0.78	0.82	0.85	0.82	3.90	ppb
Vanadium	51-2	4.87	4.69	4.74	4.77	1.99	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				99		%
Zinc	66-2	2.48	2.42	2.51	2.47	1.98	ppb
Zirconium	90-1	0.93	0.90	0.84	0.89	4.91	ppb
Zirconium	91-1	0.90	1.01	0.99	0.97	5.96	ppb

LB Number : LB123342 Operator : Jaswal
 Lab Sample ID : N4955-07 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired : 2022-12-16 16:42:56 DataFile Name : 030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.04	5.03	5.25	4.77	13.52	ppb
Antimony	121-1	0.28	0.21	0.22	0.24	17.63	ppb
Arsenic	75-2	0.21	0.26	0.24	0.24	10.43	ppb
Barium	135-1	1.03	1.13	1.04	1.07	5.33	ppb
Barium	137-1	1.28	1.15	1.14	1.19	6.58	ppb
Beryllium	9-1	0.27	0.27	0.25	0.27	4.09	ppb
Bismuth	209-1				106		%
Bismuth	209-2				98		%
Boron	10-1	4.88	4.08	3.75	4.24	13.74	ppb
Boron	11-1	4.74	4.33	4.23	4.44	6.04	ppb
Bromine	81-1						cps
Cadmium	111-1	0.25	0.26	0.24	0.25	2.38	ppb
Cadmium	106-1	0.53	1.93	-0.95	0.51	284.72	ppb
Cadmium	108-1	0.20	0.06	0.34	0.20	68.96	ppb
Calcium	43-1	23.93	21.31	25.50	23.58	8.98	ppb
Calcium	44-1	19.53	23.25	22.19	21.66	8.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.25	0.29	0.17	0.23	25.72	ppb
Cobalt	59-2	0.26	0.30	0.27	0.27	8.48	ppb
Copper	63-2	0.44	0.51	0.62	0.52	17.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	54-2	10.16	14.99	13.27	12.81	19.13	ppb
Iron	56-2	11.54	11.38	11.50	11.47	0.73	ppb
Iron	57-2	15.25	10.97	16.07	14.10	19.43	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	N4955-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:42:56	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.20	0.21	0.16	0.19	14.56	ppb
Lead	207-1	0.21	0.20	0.20	0.20	3.48	ppb
Lead	208-1	0.22	0.22	0.20	0.21	6.57	ppb
Lithium	6-1				97		%
Magnesium	24-2	24.86	25.20	25.18	25.08	0.75	ppb
Manganese	55-2	0.49	0.40	0.39	0.42	13.04	ppb
Molybdenum	94-1	1.43	1.51	1.38	1.44	4.49	ppb
Molybdenum	95-1	1.18	1.03	1.04	1.09	7.83	ppb
Molybdenum	96-1	1.27	1.20	1.08	1.19	8.01	ppb
Molybdenum	97-1	1.15	1.35	1.19	1.23	8.73	ppb
Molybdenum	98-1	1.17	1.26	1.09	1.17	7.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.26	0.27	0.30	0.27	7.32	ppb
Phosphorus	31-2	7.35	-22.75	-13.53	-9.64		ppb
Potassium	39-2	-21.91	4.43	-4.00	-7.16		ppb
Rhodium	103-1				102		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	82-1	2.63	1.92	1.08	1.87	41.45	ppb
Selenium	77-2	2.07	2.12	2.17	2.12	2.29	ppb
Selenium	78-2	-0.38	0.28	2.64	0.85	187.41	ppb
Silicon	28-1	-7.23	-2.63	-2.96	-4.27		ppb
Silver	107-1	0.22	0.28	0.25	0.25	12.38	ppb
Silver	109-1	0.22	0.25	0.24	0.24	6.21	ppb
Sodium	23-2	36.47	34.24	37.16	35.96	4.25	ppb
Strontium	86-1	0.11	0.20	0.02	0.11	82.25	ppb
Strontium	88-1	0.21	0.21	0.23	0.22	4.43	ppb
Sulfur	34-1	-3391.14	-2842.92	-2881.64	-3038.56		ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	0.23	0.21	0.26	0.23	11.70	ppb
Thallium	205-1	0.31	0.30	0.30	0.30	2.85	ppb
Tin	118-1	0.21	-0.14	-0.13	-0.02		ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	N4955-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:42:56	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.29	1.10	1.33	1.24	9.84	ppb
Uranium	238-1	0.21	0.24	0.20	0.22	8.72	ppb
Vanadium	51-2	0.24	0.22	0.24	0.24	4.54	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				96		%
Zinc	66-2	0.84	0.53	0.28	0.55	50.57	ppb
Zirconium	90-1	0.22	0.20	0.19	0.21	6.95	ppb
Zirconium	91-1	0.24	0.23	0.32	0.26	18.05	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	N4955-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT4-	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:46:27	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.97	4.75	4.70	4.81	2.98	ppb
Antimony	121-1	0.23	0.29	0.23	0.25	14.51	ppb
Arsenic	75-2	0.25	0.17	0.18	0.20	21.46	ppb
Barium	135-1	1.12	1.05	1.08	1.08	3.65	ppb
Barium	137-1	1.02	1.42	1.14	1.19	17.35	ppb
Beryllium	9-1	0.24	0.29	0.23	0.25	12.29	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	3.26	2.69	2.64	2.86	12.03	ppb
Boron	11-1	3.06	2.98	2.69	2.91	6.74	ppb
Bromine	81-1						cps
Cadmium	111-1	0.25	0.33	0.15	0.25	36.26	ppb
Cadmium	106-1	-0.04	1.95	-3.69	-0.60		ppb
Cadmium	108-1	0.28	0.28	0.31	0.29	7.14	ppb
Calcium	43-1	22.83	21.00	21.94	21.92	4.17	ppb
Calcium	44-1	21.96	19.14	21.81	20.97	7.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.15	0.21	0.19	0.18	17.56	ppb
Cobalt	59-2	0.23	0.24	0.21	0.23	6.99	ppb
Copper	63-2	0.47	0.54	0.42	0.48	12.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	54-2	15.32	9.23	8.80	11.12	32.81	ppb
Iron	56-2	11.21	11.48	10.89	11.19	2.65	ppb
Iron	57-2	11.86	6.88	12.97	10.57	30.72	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	N4955-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT4-	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:46:27	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.25	0.26	0.17	0.23	21.68	ppb
Lead	207-1	0.24	0.24	0.22	0.23	4.63	ppb
Lead	208-1	0.24	0.23	0.20	0.23	8.68	ppb
Lithium	6-1				98		%
Magnesium	24-2	22.09	23.18	23.98	23.08	4.12	ppb
Manganese	55-2	0.51	0.38	0.44	0.44	15.28	ppb
Molybdenum	94-1	1.39	1.32	1.30	1.34	3.58	ppb
Molybdenum	95-1	1.16	1.16	1.09	1.14	3.27	ppb
Molybdenum	96-1	1.21	1.10	1.15	1.15	4.73	ppb
Molybdenum	97-1	0.97	1.32	1.17	1.15	15.46	ppb
Molybdenum	98-1	1.07	1.12	1.10	1.10	2.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.30	0.36	0.24	0.30	19.59	ppb
Phosphorus	31-2	-38.65	-31.96	-20.60	-30.40		ppb
Potassium	39-2	-0.34	-2.89	-3.58	-2.27		ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	2.33	1.07	2.93	2.11	45.10	ppb
Selenium	77-2	2.10	5.24	3.56	3.64	43.21	ppb
Selenium	78-2	2.03	-0.79	0.65	0.63	222.92	ppb
Silicon	28-1	-1.93	-4.46	-2.95	-3.11		ppb
Silver	107-1	0.26	0.28	0.22	0.25	12.62	ppb
Silver	109-1	0.21	0.25	0.19	0.21	13.45	ppb
Sodium	23-2	35.39	33.41	30.50	33.10	7.44	ppb
Strontium	86-1	0.09	0.17	0.16	0.14	32.04	ppb
Strontium	88-1	0.23	0.23	0.22	0.23	4.18	ppb
Sulfur	34-1	-2411.71	-2946.18	-2841.09	-2732.99		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.27	0.34	0.23	0.28	19.20	ppb
Thallium	205-1	0.25	0.30	0.22	0.26	14.83	ppb
Tin	118-1	-0.05	-0.11	-0.06	-0.08		ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	N4955-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT4-	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:46:27	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.13	0.95	0.80	0.96	17.18	ppb
Uranium	238-1	0.26	0.25	0.23	0.25	6.64	ppb
Vanadium	51-2	0.17	0.28	0.21	0.22	25.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				97		%
Zinc	66-2	0.56	0.60	0.61	0.59	4.03	ppb
Zirconium	90-1	0.25	0.20	0.21	0.22	13.06	ppb
Zirconium	91-1	0.30	0.18	0.14	0.21	38.99	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	N4955-08	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:49:41	DataFile Name :	032LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.21	14.14	16.38	15.91	9.97	ppb
Antimony	121-1	1.78	1.98	1.66	1.81	8.99	ppb
Arsenic	75-2	0.88	0.98	1.06	0.97	9.57	ppb
Barium	135-1	8.84	9.83	7.94	8.87	10.70	ppb
Barium	137-1	8.87	9.20	8.56	8.88	3.60	ppb
Beryllium	9-1	1.01	0.99	1.00	1.00	1.07	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	10-1	18.21	19.09	21.21	19.50	7.93	ppb
Boron	11-1	18.77	20.00	22.15	20.31	8.42	ppb
Bromine	81-1						cps
Cadmium	111-1	0.96	0.91	0.96	0.94	2.94	ppb
Cadmium	106-1	-0.07	-1.29	0.46	-0.30		ppb
Cadmium	108-1	1.40	1.10	0.91	1.14	21.95	ppb
Calcium	43-1	430.34	452.24	433.12	438.57	2.72	ppb
Calcium	44-1	436.28	453.66	429.16	439.70	2.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.81	1.71	1.64	1.72	4.92	ppb
Cobalt	59-2	0.86	0.94	0.94	0.91	4.97	ppb
Copper	63-2	1.90	1.75	1.76	1.81	4.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	54-2	36.99	43.68	39.60	40.09	8.41	ppb
Iron	56-2	43.63	40.52	41.85	42.00	3.72	ppb
Iron	57-2	48.85	40.06	56.70	48.54	17.15	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	N4955-08	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:49:41	DataFile Name :	032LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.82	0.85	0.88	0.85	3.26	ppb
Lead	207-1	0.76	0.87	0.80	0.81	7.17	ppb
Lead	208-1	0.80	0.84	0.79	0.81	3.27	ppb
Lithium	6-1				97		%
Magnesium	24-2	472.15	445.82	433.84	450.60	4.35	ppb
Manganese	55-2	1.01	0.95	0.97	0.97	3.06	ppb
Molybdenum	94-1	6.00	5.30	5.42	5.57	6.70	ppb
Molybdenum	95-1	4.46	4.76	4.28	4.50	5.34	ppb
Molybdenum	96-1	4.41	4.46	4.63	4.50	2.56	ppb
Molybdenum	97-1	4.62	4.10	4.47	4.40	6.07	ppb
Molybdenum	98-1	4.54	4.50	4.57	4.54	0.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.10	0.96	1.03	1.03	6.89	ppb
Phosphorus	31-2	5.23	35.73	-28.50	4.15	773.67	ppb
Potassium	39-2	442.22	378.69	400.23	407.04	7.94	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	5.06	4.86	5.09	5.00	2.55	ppb
Selenium	77-2	2.09	8.26	2.15	4.16	85.11	ppb
Selenium	78-2	3.62	2.15	4.10	3.29	30.92	ppb
Silicon	28-1	0.88	5.59	-2.52	1.32	309.03	ppb
Silver	107-1	0.87	0.97	0.90	0.91	5.35	ppb
Silver	109-1	0.98	1.00	0.88	0.95	6.69	ppb
Sodium	23-2	460.37	451.36	437.43	449.72	2.57	ppb
Strontium	86-1	0.71	0.88	0.84	0.81	10.61	ppb
Strontium	88-1	0.95	0.86	0.90	0.90	4.94	ppb
Sulfur	34-1	-2622.24	-1929.82	-2571.81	-2374.63		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.89	0.92	0.83	0.88	5.38	ppb
Thallium	205-1	0.92	0.98	0.79	0.89	10.85	ppb
Tin	118-1	4.34	4.76	4.51	4.54	4.66	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	N4955-08	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:49:41	DataFile Name :	032LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.61	4.81	4.36	4.59	4.89	ppb
Uranium	238-1	0.85	0.95	0.78	0.86	9.85	ppb
Vanadium	51-2	4.41	4.21	4.44	4.35	2.92	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	1.96	1.91	1.68	1.85	8.08	ppb
Zirconium	90-1	0.95	0.85	0.93	0.91	5.64	ppb
Zirconium	91-1	0.91	0.85	0.78	0.85	7.91	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	N4955-17	Instrumnet Name :	P8
Client Sample ID :	LLOQ-WATER-QT4-2022	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:52:53	DataFile Name :	033LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.27	20.56	18.75	19.20	6.27	ppb
Antimony	121-1	1.84	2.08	1.80	1.91	7.94	ppb
Arsenic	75-2	1.02	0.77	0.93	0.90	14.07	ppb
Barium	135-1	8.54	10.61	9.08	9.41	11.41	ppb
Barium	137-1	9.47	10.03	9.66	9.72	2.93	ppb
Beryllium	9-1	1.01	1.08	0.97	1.02	5.55	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	19.08	22.34	21.15	20.86	7.90	ppb
Boron	11-1	20.53	22.50	21.87	21.63	4.67	ppb
Bromine	81-1						cps
Cadmium	111-1	0.92	1.22	1.10	1.08	14.03	ppb
Cadmium	106-1	0.42	2.70	-2.08	0.35	692.19	ppb
Cadmium	108-1	1.38	1.78	0.72	1.29	41.56	ppb
Calcium	43-1	449.50	493.01	473.08	471.86	4.62	ppb
Calcium	44-1	453.65	500.27	461.19	471.70	5.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.81	1.77	1.82	1.80	1.51	ppb
Cobalt	59-2	0.92	1.03	0.91	0.96	7.23	ppb
Copper	63-2	1.78	1.98	1.93	1.90	5.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	54-2	42.95	46.40	43.01	44.12	4.47	ppb
Iron	56-2	46.16	45.92	45.52	45.87	0.70	ppb
Iron	57-2	38.87	47.59	48.30	44.92	11.70	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	N4955-17	Instrumnet Name :	P8
Client Sample ID :	LLOQ-WATER-QT4-2022	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:52:53	DataFile Name :	033LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.89	0.92	0.77	0.86	9.16	ppb
Lead	207-1	0.83	0.97	0.91	0.90	8.16	ppb
Lead	208-1	0.85	0.95	0.85	0.88	6.72	ppb
Lithium	6-1				98		%
Magnesium	24-2	463.57	471.10	446.55	460.41	2.73	ppb
Manganese	55-2	1.05	1.02	0.93	1.00	6.09	ppb
Molybdenum	94-1	6.02	5.64	5.49	5.72	4.74	ppb
Molybdenum	95-1	4.75	5.31	4.37	4.81	9.90	ppb
Molybdenum	96-1	4.89	5.12	4.46	4.82	6.95	ppb
Molybdenum	97-1	4.75	5.51	4.70	4.99	9.09	ppb
Molybdenum	98-1	4.64	5.16	4.31	4.70	9.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	1.08	0.87	0.98	10.66	ppb
Phosphorus	31-2	-21.09	-45.37	-49.46	-38.64		ppb
Potassium	39-2	411.25	429.39	416.86	419.17	2.22	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	4.39	4.58	5.11	4.69	7.92	ppb
Selenium	77-2	6.54	0.54	8.09	5.06	78.92	ppb
Selenium	78-2	7.01	4.19	3.72	4.97	35.77	ppb
Silicon	28-1	-2.40	7.28	1.98	2.29	211.83	ppb
Silver	107-1	1.00	1.11	0.89	1.00	10.68	ppb
Silver	109-1	0.87	1.09	1.08	1.01	12.51	ppb
Sodium	23-2	461.72	473.95	459.97	465.21	1.64	ppb
Strontium	86-1	1.03	1.19	0.86	1.03	16.27	ppb
Strontium	88-1	0.96	0.97	0.87	0.93	5.93	ppb
Sulfur	34-1	-2587.66	-712.23	-1937.68	-1745.86		ppb
Terbium	159-1				99		%
Terbium	159-2				104		%
Thallium	203-1	1.04	0.98	1.05	1.02	3.92	ppb
Thallium	205-1	0.87	0.98	0.90	0.92	6.39	ppb
Tin	118-1	4.50	5.15	4.21	4.62	10.39	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	N4955-17	Instrumnet Name :	P8
Client Sample ID :	LLOQ-WATER-QT4-2022	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:52:53	DataFile Name :	033LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.56	4.24	4.79	4.53	6.11	ppb
Uranium	238-1	0.86	0.91	0.89	0.88	2.88	ppb
Vanadium	51-2	4.88	4.56	4.58	4.67	3.87	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	1.98	2.29	1.80	2.02	12.34	ppb
Zirconium	90-1	0.97	1.06	0.93	0.99	7.12	ppb
Zirconium	91-1	0.85	0.95	0.86	0.88	6.42	ppb

LB Number : LB123342 Operator : Jaswal
 Lab Sample ID : N4955-10 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
 Date & Time Acquired : 2022-12-16 16:57:32 DataFile Name : 034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.93	4.79	5.17	4.96	3.82	ppb
Antimony	121-1	0.20	0.23	0.29	0.24	17.99	ppb
Arsenic	75-2	0.13	0.15	0.24	0.17	35.57	ppb
Barium	135-1	1.01	1.11	1.22	1.12	9.46	ppb
Barium	137-1	1.27	1.20	1.16	1.21	4.87	ppb
Beryllium	9-1	0.24	0.27	0.24	0.25	6.51	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	2.70	2.72	2.71	2.71	0.36	ppb
Boron	11-1	2.87	2.86	2.71	2.81	3.13	ppb
Bromine	81-1						cps
Cadmium	111-1	0.25	0.22	0.27	0.25	8.47	ppb
Cadmium	106-1	1.42	-0.79	-0.01	0.21	541.39	ppb
Cadmium	108-1	0.19	0.13	0.28	0.20	36.81	ppb
Calcium	43-1	28.75	25.84	20.83	25.14	15.92	ppb
Calcium	44-1	21.64	22.53	20.23	21.47	5.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.21	0.17	0.22	0.20	13.38	ppb
Cobalt	59-2	0.24	0.19	0.23	0.22	13.74	ppb
Copper	63-2	0.43	0.37	0.48	0.43	13.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	54-2	10.54	8.53	13.21	10.76	21.82	ppb
Iron	56-2	11.66	11.45	11.29	11.47	1.62	ppb
Iron	57-2	19.18	12.59	13.09	14.95	24.53	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	N4955-10	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:57:32	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.20	0.24	0.18	0.21	15.81	ppb
Lead	207-1	0.28	0.21	0.24	0.24	14.23	ppb
Lead	208-1	0.25	0.19	0.23	0.22	12.69	ppb
Lithium	6-1				98		%
Magnesium	24-2	26.00	23.62	23.67	24.43	5.57	ppb
Manganese	55-2	0.54	0.40	0.65	0.53	23.75	ppb
Molybdenum	94-1	1.41	1.47	1.37	1.41	3.50	ppb
Molybdenum	95-1	1.27	1.07	1.16	1.17	8.77	ppb
Molybdenum	96-1	1.25	1.32	1.12	1.23	8.16	ppb
Molybdenum	97-1	1.23	1.18	1.17	1.20	2.65	ppb
Molybdenum	98-1	1.28	1.24	1.05	1.19	10.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.33	0.33	0.37	0.34	7.79	ppb
Phosphorus	31-2	-41.79	-39.24	-16.03	-32.35		ppb
Potassium	39-2	-13.67	-2.46	8.05	-2.69		ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	3.19	2.61	1.58	2.46	33.13	ppb
Selenium	77-2	2.12	-0.98	0.55	0.56	276.30	ppb
Selenium	78-2	1.12	0.55	1.29	0.98	39.42	ppb
Silicon	28-1	-4.17	0.00	-3.45	-2.54		ppb
Silver	107-1	0.21	0.26	0.24	0.24	10.73	ppb
Silver	109-1	0.21	0.22	0.25	0.23	7.59	ppb
Sodium	23-2	34.30	32.18	29.48	31.99	7.55	ppb
Strontium	86-1	0.21	0.12	0.14	0.16	27.93	ppb
Strontium	88-1	0.23	0.21	0.23	0.22	6.25	ppb
Sulfur	34-1	-2558.34	-2450.36	-2894.61	-2634.44		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.24	0.21	0.27	0.24	10.87	ppb
Thallium	205-1	0.23	0.21	0.24	0.23	7.09	ppb
Tin	118-1	-0.17	-0.03	-0.02	-0.07		ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	N4955-10	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:57:32	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.05	1.38	1.18	1.20	13.67	ppb
Uranium	238-1	0.25	0.19	0.25	0.23	16.07	ppb
Vanadium	51-2	0.24	0.19	0.26	0.23	16.51	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	0.38	0.36	0.41	0.38	6.94	ppb
Zirconium	90-1	0.22	0.21	0.22	0.21	1.23	ppb
Zirconium	91-1	0.28	0.20	0.18	0.22	21.87	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	N4955-11	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-05-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:06:16	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.48	21.03	19.04	19.52	6.86	ppb
Antimony	121-1	1.99	1.91	1.79	1.90	5.33	ppb
Arsenic	75-2	1.04	1.16	0.89	1.03	13.30	ppb
Barium	135-1	9.89	9.85	9.55	9.76	1.89	ppb
Barium	137-1	9.44	9.60	9.15	9.40	2.39	ppb
Beryllium	9-1	1.10	1.06	1.00	1.05	4.69	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	18.16	19.35	19.98	19.17	4.82	ppb
Boron	11-1	19.91	20.81	21.07	20.60	2.96	ppb
Bromine	81-1						cps
Cadmium	111-1	0.92	0.92	1.13	0.99	12.54	ppb
Cadmium	106-1	-2.45	0.56	-0.09	-0.66		ppb
Cadmium	108-1	0.50	1.56	0.90	0.98	54.22	ppb
Calcium	43-1	476.77	476.60	453.23	468.86	2.89	ppb
Calcium	44-1	485.10	457.70	443.59	462.13	4.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.84	1.89	1.71	1.81	4.99	ppb
Cobalt	59-2	1.04	0.97	0.90	0.97	7.70	ppb
Copper	63-2	1.81	2.12	1.88	1.94	8.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	54-2	47.12	47.95	46.39	47.15	1.66	ppb
Iron	56-2	46.52	46.49	43.68	45.56	3.58	ppb
Iron	57-2	51.29	52.68	41.91	48.63	12.04	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	N4955-11	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-05-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:06:16	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.77	0.80	0.83	0.80	3.55	ppb
Lead	207-1	0.90	0.88	0.77	0.85	7.89	ppb
Lead	208-1	0.83	0.82	0.81	0.82	1.53	ppb
Lithium	6-1				97		%
Magnesium	24-2	467.62	456.72	449.17	457.84	2.03	ppb
Manganese	55-2	1.02	1.00	0.87	0.96	8.55	ppb
Molybdenum	94-1	5.99	5.51	5.89	5.79	4.38	ppb
Molybdenum	95-1	5.20	5.04	4.97	5.07	2.27	ppb
Molybdenum	96-1	5.05	4.73	5.19	4.99	4.74	ppb
Molybdenum	97-1	4.60	5.18	5.06	4.95	6.22	ppb
Molybdenum	98-1	4.76	4.80	4.82	4.79	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	1.02	1.02	1.04	2.47	ppb
Phosphorus	31-2	2.63	11.70	13.63	9.32	62.98	ppb
Potassium	39-2	411.14	429.70	403.70	414.85	3.23	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	6.53	4.85	4.46	5.28	20.81	ppb
Selenium	77-2	5.03	5.04	5.10	5.06	0.75	ppb
Selenium	78-2	5.52	3.82	4.73	4.69	18.18	ppb
Silicon	28-1	3.13	0.48	-4.74	-0.38		ppb
Silver	107-1	1.00	1.04	0.90	0.98	7.08	ppb
Silver	109-1	1.05	0.93	1.00	0.99	5.85	ppb
Sodium	23-2	470.03	455.48	452.91	459.47	2.01	ppb
Strontium	86-1	1.22	0.98	0.80	1.00	20.98	ppb
Strontium	88-1	0.96	0.92	0.97	0.95	2.35	ppb
Sulfur	34-1	-2155.42	-2501.64	-2904.35	-2520.47		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.95	0.98	0.75	0.89	13.68	ppb
Thallium	205-1	0.94	0.90	0.84	0.90	5.40	ppb
Tin	118-1	4.62	4.78	4.60	4.67	2.16	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	N4955-11	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-05-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:06:16	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.03	4.82	4.82	4.89	2.53	ppb
Uranium	238-1	0.90	0.92	0.77	0.86	9.42	ppb
Vanadium	51-2	4.51	4.79	5.02	4.77	5.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	2.91	2.19	2.10	2.40	18.40	ppb
Zirconium	90-1	0.95	0.98	0.94	0.96	2.03	ppb
Zirconium	91-1	0.91	1.02	0.96	0.97	5.69	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	N5388-01	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-QT4-2022-	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:09:30	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.43	7.41	7.67	7.50	1.95	ppb
Antimony	121-1	0.95	0.73	0.76	0.82	14.22	ppb
Arsenic	75-2	0.44	0.53	0.31	0.43	25.78	ppb
Barium	135-1	4.02	3.59	3.48	3.70	7.73	ppb
Barium	137-1	4.16	3.81	3.74	3.90	5.85	ppb
Beryllium	9-1	0.44	0.46	0.46	0.45	1.93	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	10.61	9.61	10.63	10.28	5.68	ppb
Boron	11-1	10.91	10.93	11.29	11.04	1.94	ppb
Bromine	81-1						cps
Cadmium	111-1	0.44	0.39	0.44	0.42	6.05	ppb
Cadmium	106-1	-0.35	-0.88	-1.78	-1.01		ppb
Cadmium	108-1	0.43	0.52	0.20	0.39	42.85	ppb
Calcium	43-1	205.42	204.79	192.92	201.05	3.50	ppb
Calcium	44-1	203.36	206.97	192.03	200.79	3.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.83	0.89	0.70	0.80	11.88	ppb
Cobalt	59-2	0.35	0.43	0.45	0.41	13.28	ppb
Copper	63-2	0.65	0.88	0.85	0.79	16.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	54-2	80.08	82.01	86.42	82.83	3.92	ppb
Iron	56-2	78.95	78.93	76.96	78.28	1.46	ppb
Iron	57-2	81.98	91.02	70.59	81.20	12.61	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	N5388-01	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-QT4-2022-	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:09:30	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.37	0.38	0.42	0.39	6.81	ppb
Lead	207-1	0.32	0.36	0.36	0.35	6.97	ppb
Lead	208-1	0.39	0.38	0.38	0.38	1.08	ppb
Lithium	6-1				97		%
Magnesium	24-2	204.14	199.51	207.19	203.61	1.90	ppb
Manganese	55-2	0.47	0.50	0.37	0.45	14.59	ppb
Molybdenum	94-1	2.76	2.36	2.52	2.55	7.90	ppb
Molybdenum	95-1	2.19	2.09	2.04	2.11	3.76	ppb
Molybdenum	96-1	2.32	2.15	2.03	2.17	6.75	ppb
Molybdenum	97-1	1.97	2.13	2.13	2.08	4.57	ppb
Molybdenum	98-1	2.21	2.11	1.98	2.10	5.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.59	0.37	0.53	0.50	22.85	ppb
Phosphorus	31-2	-12.61	-37.83	-18.50	-22.98		ppb
Potassium	39-2	148.66	189.19	167.42	168.42	12.04	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	2.29	3.26	3.27	2.94	19.13	ppb
Selenium	77-2	3.48	2.09	2.02	2.53	32.54	ppb
Selenium	78-2	1.69	2.00	2.96	2.22	29.88	ppb
Silicon	28-1	-4.61	-1.10	-2.38	-2.70		ppb
Silver	107-1	0.50	0.43	0.39	0.44	12.44	ppb
Silver	109-1	0.47	0.48	0.40	0.45	10.03	ppb
Sodium	23-2	205.83	217.91	201.54	208.43	4.07	ppb
Strontium	86-1	0.37	0.22	0.32	0.30	26.56	ppb
Strontium	88-1	0.43	0.39	0.39	0.40	5.51	ppb
Sulfur	34-1	-2602.42	-1847.74	-2540.15	-2330.10		ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	0.38	0.37	0.35	0.37	5.01	ppb
Thallium	205-1	0.41	0.39	0.41	0.40	2.99	ppb
Tin	118-1	1.79	2.04	1.74	1.86	8.52	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	N5388-01	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-QT4-2022-	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:09:30	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.05	1.98	2.21	2.08	5.88	ppb
Uranium	238-1	0.33	0.38	0.36	0.36	6.20	ppb
Vanadium	51-2	2.07	2.13	1.88	2.02	6.49	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	1.01	0.72	0.68	0.80	22.40	ppb
Zirconium	90-1	0.43	0.39	0.38	0.40	5.94	ppb
Zirconium	91-1	0.39	0.35	0.48	0.41	16.07	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:12:41	DataFile Name :	038CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50380.58	50493.30	48280.42	49718.10	2.51	ppb
Antimony	121-1	502.24	506.72	473.25	494.07	3.68	ppb
Arsenic	75-2	487.46	479.90	476.35	481.23	1.18	ppb
Barium	135-1	2680.68	2702.75	2552.21	2645.21	3.07	ppb
Barium	137-1	2658.33	2770.08	2587.92	2672.11	3.44	ppb
Beryllium	9-1	502.21	506.18	493.39	500.59	1.31	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	523.39	539.98	548.84	537.40	2.40	ppb
Boron	11-1	548.65	581.42	584.26	571.44	3.46	ppb
Bromine	81-1						cps
Cadmium	111-1	538.72	557.16	513.22	536.37	4.11	ppb
Cadmium	106-1	519.10	563.08	517.89	533.36	4.83	ppb
Cadmium	108-1	546.02	541.93	508.85	532.27	3.83	ppb
Calcium	43-1	240205.90	240657.17	238054.53	239639.20	0.58	ppb
Calcium	44-1	243405.36	236976.79	230095.84	236825.99	2.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	523.32	503.63	490.49	505.81	3.27	ppb
Cobalt	59-2	510.15	499.51	471.72	493.79	4.02	ppb
Copper	63-2	5537.42	5442.64	5103.41	5361.16	4.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	54-2	124653.53	121271.64	116018.13	120647.77	3.61	ppb
Iron	56-2	124554.72	122996.86	113301.76	120284.45	5.07	ppb
Iron	57-2	126873.11	123563.32	115327.36	121921.26	4.88	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:12:41	DataFile Name :	038CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2696.63	2554.59	2612.76	2621.33	2.72	ppb
Lead	207-1	2712.96	2610.17	2600.09	2641.07	2.37	ppb
Lead	208-1	2680.01	2570.35	2608.20	2619.52	2.13	ppb
Lithium	6-1				96		%
Magnesium	24-2	249233.41	246646.24	232344.53	242741.40	3.75	ppb
Manganese	55-2	5334.44	5238.90	4983.53	5185.62	3.50	ppb
Molybdenum	94-1	5032.55	4909.12	4995.74	4979.14	1.27	ppb
Molybdenum	95-1	4987.44	4990.46	4923.92	4967.27	0.76	ppb
Molybdenum	96-1	5105.66	5185.07	4966.57	5085.77	2.17	ppb
Molybdenum	97-1	5179.08	5088.57	5090.10	5119.25	1.01	ppb
Molybdenum	98-1	5043.87	5027.70	5061.84	5044.47	0.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	562.10	544.70	524.11	543.64	3.50	ppb
Phosphorus	31-2	10478.06	10063.53	10004.55	10182.05	2.53	ppb
Potassium	39-2	121119.43	119434.80	114943.03	118499.09	2.69	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	515.47	507.77	515.10	512.78	0.85	ppb
Selenium	77-2	491.91	552.50	508.35	517.59	6.05	ppb
Selenium	78-2	523.53	501.36	512.40	512.43	2.16	ppb
Silicon	28-1	684.25	711.39	669.88	688.51	3.06	ppb
Silver	107-1	546.85	566.56	522.43	545.28	4.05	ppb
Silver	109-1	535.68	571.22	527.01	544.64	4.30	ppb
Sodium	23-2	245307.84	237782.34	227742.75	236944.31	3.72	ppb
Strontium	86-1	13001.38	12783.71	12412.58	12732.56	2.34	ppb
Strontium	88-1	12598.94	12554.27	12575.22	12576.14	0.18	ppb
Sulfur	34-1	11635.04	11429.14	10569.61	11211.26	5.04	ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	499.76	498.26	488.08	495.37	1.28	ppb
Thallium	205-1	528.34	520.35	516.35	521.68	1.17	ppb
Tin	118-1	508.86	512.99	473.17	498.34	4.39	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:12:41	DataFile Name :	038CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5009.74	4921.69	5130.22	5020.55	2.09	ppb
Uranium	238-1	561.50	542.12	521.31	541.64	3.71	ppb
Vanadium	51-2	521.60	511.49	492.32	508.47	2.92	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	5411.03	5127.39	5035.45	5191.29	3.77	ppb
Zirconium	90-1	512.18	523.74	509.21	515.04	1.49	ppb
Zirconium	91-1	501.16	519.84	503.66	508.22	2.00	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:18:29	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.08	-0.58	0.27	-0.13		ppb
Antimony	121-1	0.06	0.08	0.09	0.08	19.49	ppb
Arsenic	75-2	-0.02	0.02	-0.04	-0.01		ppb
Barium	135-1	0.05	0.00	0.01	0.02	123.32	ppb
Barium	137-1	0.01	0.01	0.07	0.03	107.51	ppb
Beryllium	9-1	0.03	0.03	0.02	0.02	16.13	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	15.19	13.73	13.07	14.00	7.73	ppb
Boron	11-1	15.46	14.44	13.71	14.54	6.04	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	-0.06	-0.01	-0.03		ppb
Cadmium	106-1	-0.41	-4.59	-1.35	-2.12		ppb
Cadmium	108-1	0.15	0.06	0.19	0.13	49.40	ppb
Calcium	43-1	5.70	1.63	1.79	3.04	75.84	ppb
Calcium	44-1	1.52	-1.46	-3.04	-0.99		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.11	0.03	-0.01	0.04	131.16	ppb
Cobalt	59-2	0.00	0.00	-0.02	-0.01		ppb
Copper	63-2	-0.04	0.01	-0.08	-0.04		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				101		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	54-2	-1.44	0.02	1.46	0.01	11859.84	ppb
Iron	56-2	0.69	0.83	1.01	0.85	18.70	ppb
Iron	57-2	-0.81	-0.62	1.15	-0.10		ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:18:29	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.01	-0.02	-0.02	-0.02		ppb
Lead	207-1	0.03	0.02	0.00	0.01	125.99	ppb
Lead	208-1	0.03	0.00	-0.01	0.01	217.42	ppb
Lithium	6-1				97		%
Magnesium	24-2	0.57	2.08	1.93	1.53	54.54	ppb
Manganese	55-2	0.10	0.06	0.09	0.08	28.05	ppb
Molybdenum	94-1	0.07	0.08	0.09	0.08	12.62	ppb
Molybdenum	95-1	0.10	0.05	0.10	0.09	32.27	ppb
Molybdenum	96-1	0.08	0.05	0.05	0.06	25.70	ppb
Molybdenum	97-1	0.07	0.06	0.15	0.09	52.74	ppb
Molybdenum	98-1	0.10	0.11	0.08	0.10	14.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	-0.02	0.00		ppb
Phosphorus	31-2	-54.16	-32.35	-49.79	-45.43		ppb
Potassium	39-2	-20.83	-23.44	-37.50	-27.26		ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	0.01	-0.22	-0.26	-0.16		ppb
Selenium	77-2	0.53	-0.98	2.05	0.53	284.06	ppb
Selenium	78-2	0.26	-1.42	-1.90	-1.02		ppb
Silicon	28-1	0.93	-1.50	-2.77	-1.11		ppb
Silver	107-1	0.00	-0.02	0.01	0.00		ppb
Silver	109-1	0.01	0.01	0.01	0.01	40.21	ppb
Sodium	23-2	17.44	20.01	22.51	19.99	12.67	ppb
Strontium	86-1	-0.02	0.02	0.05	0.02	202.02	ppb
Strontium	88-1	0.11	0.11	0.11	0.11	3.95	ppb
Sulfur	34-1	-2267.49	-2952.86	-3217.43	-2812.59		ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	0.03	0.01	0.02	0.02	49.04	ppb
Thallium	205-1	0.03	0.01	0.02	0.02	58.90	ppb
Tin	118-1	0.23	0.72	0.32	0.42	62.50	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:18:29	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.01	-0.04	0.04	0.00	1005.23	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.00	-0.01	0.00	583.19	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	0.06	-0.08	-0.01	-0.01		ppb
Zirconium	90-1	0.01	0.02	0.00	0.01	75.95	ppb
Zirconium	91-1	-0.03	0.00	0.01	0.00		ppb

LB Number : LB123342 Operator : Jaswal
 Lab Sample ID : N5388-03 Instrumnet Name : P8
 Client Sample ID : MDL-SOIL-QT4-2022-07 Dilution Factor : 1
 Date & Time Acquired : 2022-12-16 17:21:42 DataFile Name : 040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.92	7.50	7.61	8.01	9.83	ppb
Antimony	121-1	0.81	0.87	0.76	0.81	6.35	ppb
Arsenic	75-2	0.34	0.44	0.40	0.39	12.65	ppb
Barium	135-1	4.02	4.07	3.35	3.82	10.58	ppb
Barium	137-1	3.84	4.19	3.83	3.95	5.26	ppb
Beryllium	9-1	0.47	0.49	0.47	0.48	2.38	ppb
Bismuth	209-1				108		%
Bismuth	209-2				100		%
Boron	10-1	16.05	16.15	15.71	15.97	1.45	ppb
Boron	11-1	17.31	17.53	16.85	17.23	1.99	ppb
Bromine	81-1						cps
Cadmium	111-1	0.56	0.49	0.38	0.48	19.32	ppb
Cadmium	106-1	-0.97	0.15	1.23	0.14	809.61	ppb
Cadmium	108-1	0.05	0.63	0.56	0.42	75.80	ppb
Calcium	43-1	202.43	205.54	174.39	194.12	8.84	ppb
Calcium	44-1	201.20	197.25	179.15	192.53	6.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.82	0.78	0.82	0.81	2.87	ppb
Cobalt	59-2	0.37	0.40	0.37	0.38	4.68	ppb
Copper	63-2	0.84	0.77	0.74	0.78	6.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				99		%
Iron	54-2	88.34	80.98	75.51	81.61	7.88	ppb
Iron	56-2	79.65	82.21	79.26	80.37	1.99	ppb
Iron	57-2	73.42	81.66	74.35	76.48	5.90	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	N5388-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT4-2022-07	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:21:42	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.36	0.35	0.32	0.34	5.37	ppb
Lead	207-1	0.36	0.41	0.35	0.38	8.78	ppb
Lead	208-1	0.37	0.36	0.37	0.37	1.33	ppb
Lithium	6-1				99		%
Magnesium	24-2	200.68	210.71	193.40	201.60	4.31	ppb
Manganese	55-2	0.53	0.45	0.48	0.48	7.82	ppb
Molybdenum	94-1	2.44	2.48	2.34	2.42	2.85	ppb
Molybdenum	95-1	2.31	1.97	1.84	2.04	11.92	ppb
Molybdenum	96-1	2.30	2.06	1.84	2.07	11.13	ppb
Molybdenum	97-1	2.30	2.14	1.85	2.10	10.92	ppb
Molybdenum	98-1	2.06	2.16	1.85	2.02	7.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.41	0.57	0.36	0.44	25.01	ppb
Phosphorus	31-2	-27.45	-11.12	-49.38	-29.32		ppb
Potassium	39-2	173.09	181.70	132.61	162.47	16.13	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				97		%
Selenium	82-1	3.04	3.35	2.64	3.01	11.82	ppb
Selenium	77-2	2.14	2.05	5.22	3.13	57.60	ppb
Selenium	78-2	1.71	-0.16	2.22	1.26	99.36	ppb
Silicon	28-1	-4.71	-6.73	-10.36	-7.27		ppb
Silver	107-1	0.45	0.41	0.39	0.42	8.36	ppb
Silver	109-1	0.35	0.47	0.37	0.40	16.84	ppb
Sodium	23-2	215.16	214.82	206.11	212.03	2.42	ppb
Strontium	86-1	0.45	0.30	0.25	0.33	31.68	ppb
Strontium	88-1	0.48	0.49	0.42	0.46	8.50	ppb
Sulfur	34-1	-3350.15	-3231.34	-4430.09	-3670.53		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.40	0.43	0.31	0.38	16.86	ppb
Thallium	205-1	0.41	0.42	0.34	0.39	11.11	ppb
Tin	118-1	1.85	1.95	1.59	1.80	10.21	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	N5388-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT4-2022-07	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:21:42	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.12	2.18	1.81	2.03	9.81	ppb
Uranium	238-1	0.36	0.39	0.33	0.36	7.55	ppb
Vanadium	51-2	1.91	1.94	1.83	1.89	2.97	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				97		%
Zinc	66-2	0.90	0.89	0.96	0.92	3.90	ppb
Zirconium	90-1	0.41	0.42	0.34	0.39	12.20	ppb
Zirconium	91-1	0.31	0.46	0.58	0.45	29.77	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB149655BL	Instrumnet Name :	P8
Client Sample ID :	PB149655BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:24:53	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.12	0.25	0.11	0.16	49.84	ppb
Antimony	121-1	0.02	0.03	0.03	0.03	22.01	ppb
Arsenic	75-2	-0.01	0.00	-0.06	-0.02		ppb
Barium	135-1	0.03	0.05	0.00	0.03	92.78	ppb
Barium	137-1	0.01	0.01	-0.01	0.01	184.41	ppb
Beryllium	9-1	0.02	0.01	0.01	0.01	16.34	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	7.10	6.93	6.72	6.92	2.73	ppb
Boron	11-1	7.52	7.03	7.19	7.24	3.46	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.02	0.03	-0.01		ppb
Cadmium	106-1	-1.27	-1.02	0.32	-0.66		ppb
Cadmium	108-1	0.07	0.14	0.06	0.09	44.53	ppb
Calcium	43-1	2.32	1.58	-0.73	1.06	150.45	ppb
Calcium	44-1	0.41	-0.17	-2.33	-0.69		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.08	0.04	0.04	0.00	5401.24	ppb
Cobalt	59-2	-0.02	0.01	0.00	-0.01		ppb
Copper	63-2	-0.12	-0.01	-0.10	-0.08		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	54-2	-1.06	-0.52	-0.91	-0.83		ppb
Iron	56-2	0.33	-0.17	-0.15	0.01	5205.99	ppb
Iron	57-2	-0.03	1.32	-0.37	0.30	294.32	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB149655BL	Instrumnet Name :	P8
Client Sample ID :	PB149655BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:24:53	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.04	-0.01	-0.05	-0.03		ppb
Lead	207-1	0.03	-0.03	0.04	0.01	318.75	ppb
Lead	208-1	-0.01	0.00	0.00	0.00		ppb
Lithium	6-1				98		%
Magnesium	24-2	0.70	1.78	-0.44	0.68	162.73	ppb
Manganese	55-2	0.03	0.06	0.00	0.03	101.14	ppb
Molybdenum	94-1	0.01	0.05	0.02	0.03	74.38	ppb
Molybdenum	95-1	0.01	0.02	0.01	0.02	35.87	ppb
Molybdenum	96-1	0.01	-0.01	0.00	0.00	9074.22	ppb
Molybdenum	97-1	0.07	0.04	0.01	0.04	67.07	ppb
Molybdenum	98-1	0.03	0.03	0.04	0.03	12.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.01	0.04	0.01	425.53	ppb
Phosphorus	31-2	11.83	-29.81	-61.98	-26.65		ppb
Potassium	39-2	2.33	-41.09	-28.98	-22.58		ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	-0.92	-0.09	0.01	-0.33		ppb
Selenium	77-2	0.52	0.53	0.57	0.54	4.94	ppb
Selenium	78-2	-1.40	-1.63	1.43	-0.53		ppb
Silicon	28-1	1.59	-4.43	-6.49	-3.11		ppb
Silver	107-1	-0.01	0.00	-0.02	-0.01		ppb
Silver	109-1	0.00	0.01	-0.01	0.00	433.50	ppb
Sodium	23-2	10.89	11.90	5.27	9.35	38.20	ppb
Strontium	86-1	0.22	0.01	0.12	0.11	92.99	ppb
Strontium	88-1	0.05	0.06	0.10	0.07	34.64	ppb
Sulfur	34-1	-2049.02	-2529.73	-3068.04	-2548.93		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	-0.01	0.02	0.00	0.00	267.32	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	76.05	ppb
Tin	118-1	-0.20	-0.36	-0.36	-0.31		ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB149655BL	Instrumnet Name :	P8
Client Sample ID :	PB149655BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:24:53	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.02	-0.05	-0.01	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	-0.15	0.01	0.09	-0.02		ppb
Zirconium	90-1	-0.01	-0.01	0.00	0.00		ppb
Zirconium	91-1	-0.01	-0.01	0.01	0.00		ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB149655BS	Instrumnet Name :	P8
Client Sample ID :	PB149655BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:28:06	DataFile Name :	042LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.67	38.13	39.07	38.29	1.86	ppb
Antimony	121-1	3.91	3.54	3.64	3.70	5.26	ppb
Arsenic	75-2	1.70	2.00	2.04	1.91	9.70	ppb
Barium	135-1	18.36	16.56	16.84	17.25	5.60	ppb
Barium	137-1	19.58	17.49	17.47	18.18	6.66	ppb
Beryllium	9-1	2.06	1.97	2.01	2.01	2.25	ppb
Bismuth	209-1				111		%
Bismuth	209-2				101		%
Boron	10-1	39.68	41.98	43.54	41.73	4.66	ppb
Boron	11-1	42.28	43.98	45.27	43.84	3.42	ppb
Bromine	81-1						cps
Cadmium	111-1	2.14	2.21	1.89	2.08	8.20	ppb
Cadmium	106-1	3.36	1.03	4.12	2.83	56.86	ppb
Cadmium	108-1	2.09	1.69	1.94	1.91	10.70	ppb
Calcium	43-1	964.12	914.87	892.90	923.96	3.95	ppb
Calcium	44-1	949.54	925.46	865.27	913.42	4.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.20	4.08	4.21	4.16	1.67	ppb
Cobalt	59-2	1.96	1.99	1.96	1.97	0.82	ppb
Copper	63-2	3.82	3.74	3.56	3.71	3.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				100		%
Iron	54-2	361.98	352.10	353.64	355.91	1.49	ppb
Iron	56-2	355.61	356.58	359.10	357.10	0.50	ppb
Iron	57-2	345.39	360.95	349.76	352.03	2.28	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB149655BS	Instrumnet Name :	P8
Client Sample ID :	PB149655BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:28:06	DataFile Name :	042LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.68	1.63	1.58	1.63	2.96	ppb
Lead	207-1	1.78	1.65	1.52	1.65	7.70	ppb
Lead	208-1	1.69	1.66	1.58	1.64	3.30	ppb
Lithium	6-1				99		%
Magnesium	24-2	939.85	924.49	881.12	915.16	3.33	ppb
Manganese	55-2	2.01	1.92	2.03	1.99	3.08	ppb
Molybdenum	94-1	5.53	5.15	4.86	5.18	6.48	ppb
Molybdenum	95-1	2.37	2.18	2.31	2.29	4.37	ppb
Molybdenum	96-1	2.87	2.71	2.37	2.65	9.70	ppb
Molybdenum	97-1	2.41	2.33	2.22	2.32	4.19	ppb
Molybdenum	98-1	2.43	2.23	2.18	2.28	5.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.17	2.38	2.18	2.24	5.32	ppb
Phosphorus	31-2	-19.77	-21.66	-45.34	-28.93		ppb
Potassium	39-2	876.22	857.97	869.73	867.97	1.07	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	10.44	9.53	9.71	9.89	4.89	ppb
Selenium	77-2	14.15	11.23	3.56	9.64	56.71	ppb
Selenium	78-2	11.92	10.46	7.76	10.05	21.00	ppb
Silicon	28-1	0.56	-1.82	-3.08	-1.45		ppb
Silver	107-1	1.77	1.92	1.87	1.85	4.15	ppb
Silver	109-1	1.90	1.89	1.76	1.85	4.16	ppb
Sodium	23-2	924.11	911.08	891.11	908.77	1.83	ppb
Strontium	86-1	1.93	1.56	2.00	1.83	12.70	ppb
Strontium	88-1	1.99	1.95	1.93	1.96	1.76	ppb
Sulfur	34-1	-2919.00	-3382.14	-3537.66	-3279.60		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	1.53	1.80	1.78	1.70	8.90	ppb
Thallium	205-1	1.81	1.76	1.67	1.74	4.05	ppb
Tin	118-1	-0.16	-0.26	-0.16	-0.19		ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB149655BS	Instrumnet Name :	P8
Client Sample ID :	PB149655BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:28:06	DataFile Name :	042LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9.43	9.37	9.54	9.45	0.89	ppb
Uranium	238-1	1.75	1.66	1.67	1.69	2.96	ppb
Vanadium	51-2	9.49	9.51	9.14	9.38	2.22	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	11.58	11.36	10.71	11.22	4.06	ppb
Zirconium	90-1	2.00	1.74	1.89	1.88	7.00	ppb
Zirconium	91-1	1.86	1.83	1.95	1.88	3.18	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB148728BL	Instrumnet Name :	P8
Client Sample ID :	PB148728BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:35:10	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.23	-0.04	-0.06	0.05	353.52	ppb
Antimony	121-1	0.01	0.02	0.01	0.01	59.39	ppb
Arsenic	75-2	-0.02	-0.04	-0.03	-0.03		ppb
Barium	135-1	0.03	0.01	-0.02	0.01	251.35	ppb
Barium	137-1	0.00	-0.01	0.01	0.00	421.47	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	11.97	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	10-1	3.48	4.19	3.84	3.84	9.25	ppb
Boron	11-1	3.90	4.18	3.98	4.02	3.60	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	-0.02	-0.02	-0.01		ppb
Cadmium	106-1	0.94	-1.11	-0.66	-0.27		ppb
Cadmium	108-1	-0.08	0.06	-0.01	-0.01		ppb
Calcium	43-1	0.38	2.88	0.87	1.38	96.22	ppb
Calcium	44-1	-4.26	0.73	-5.75	-3.10		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.01	-0.03	-0.01		ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	-0.12	-0.06	-0.09	-0.09		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	54-2	0.78	2.21	-0.98	0.67	238.92	ppb
Iron	56-2	-0.15	-0.21	-0.13	-0.16		ppb
Iron	57-2	0.24	3.85	1.90	2.00	90.67	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB148728BL	Instrumnet Name :	P8
Client Sample ID :	PB148728BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:35:10	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.02	0.00	-0.01	-0.01		ppb
Lead	207-1	-0.02	0.05	0.03	0.02	199.75	ppb
Lead	208-1	-0.02	0.02	0.00	0.00		ppb
Lithium	6-1				97		%
Magnesium	24-2	-1.32	-0.53	0.02	-0.61		ppb
Manganese	55-2	0.00	0.03	-0.01	0.01	257.75	ppb
Molybdenum	94-1	-0.02	-0.02	0.02	-0.01		ppb
Molybdenum	95-1	0.00	0.02	0.01	0.01	87.92	ppb
Molybdenum	96-1	0.01	0.03	-0.01	0.01	169.94	ppb
Molybdenum	97-1	0.02	0.03	0.01	0.02	66.67	ppb
Molybdenum	98-1	0.02	0.00	0.03	0.02	76.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.07	0.05	0.04	88.76	ppb
Phosphorus	31-2	-14.23	-51.49	-46.50	-37.41		ppb
Potassium	39-2	-32.70	-48.54	-33.71	-38.31		ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	-0.02	-0.53	0.37	-0.06		ppb
Selenium	77-2	-0.98	2.06	-0.98	0.03	5418.45	ppb
Selenium	78-2	0.87	-1.47	-1.36	-0.65		ppb
Silicon	28-1	-7.32	-2.62	-7.79	-5.91		ppb
Silver	107-1	-0.02	0.00	-0.02	-0.01		ppb
Silver	109-1	0.00	0.00	0.00	0.00	350.31	ppb
Sodium	23-2	4.12	1.13	4.03	3.09	55.03	ppb
Strontium	86-1	0.06	0.15	-0.02	0.07	127.32	ppb
Strontium	88-1	0.02	0.08	0.02	0.04	76.66	ppb
Sulfur	34-1	-3436.00	-2477.21	-3336.47	-3083.23		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.02	-0.01	0.00	0.00	805.32	ppb
Thallium	205-1	0.00	0.01	0.00	0.00	195.91	ppb
Tin	118-1	-0.31	0.00	-0.35	-0.22		ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB148728BL	Instrumnet Name :	P8
Client Sample ID :	PB148728BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:35:10	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.10	0.15	0.10	0.12	26.15	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	-0.14	-0.20	-0.09	-0.14		ppb
Zirconium	90-1	0.00	0.02	0.00	0.01	154.15	ppb
Zirconium	91-1	-0.01	0.00	0.01	0.00		ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB148728BS	Instrumnet Name :	P8
Client Sample ID :	PB148728BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:38:20	DataFile Name :	045LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.12	39.89	36.89	38.63	4.03	ppb
Antimony	121-1	3.68	4.11	3.53	3.77	7.93	ppb
Arsenic	75-2	2.14	2.38	2.25	2.25	5.23	ppb
Barium	135-1	18.05	20.27	19.20	19.17	5.81	ppb
Barium	137-1	19.06	20.84	18.79	19.57	5.71	ppb
Beryllium	9-1	2.00	2.18	1.98	2.05	5.39	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	39.21	42.66	41.33	41.07	4.24	ppb
Boron	11-1	40.45	45.10	44.38	43.31	5.79	ppb
Bromine	81-1						cps
Cadmium	111-1	2.15	2.39	2.25	2.27	5.35	ppb
Cadmium	106-1	4.65	1.27	2.60	2.84	60.01	ppb
Cadmium	108-1	1.55	2.01	2.56	2.04	24.87	ppb
Calcium	43-1	947.97	977.45	908.52	944.64	3.66	ppb
Calcium	44-1	958.53	947.86	920.84	942.41	2.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.41	4.10	4.04	4.18	4.77	ppb
Cobalt	59-2	2.07	1.98	1.85	1.97	5.68	ppb
Copper	63-2	3.83	3.62	3.77	3.74	2.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	54-2	374.83	365.57	350.22	363.54	3.42	ppb
Iron	56-2	374.63	375.65	348.04	366.11	4.27	ppb
Iron	57-2	388.47	385.92	363.11	379.17	3.68	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB148728BS	Instrumnet Name :	P8
Client Sample ID :	PB148728BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:38:20	DataFile Name :	045LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.77	2.00	1.73	1.83	7.87	ppb
Lead	207-1	1.77	1.72	1.82	1.77	2.68	ppb
Lead	208-1	1.73	1.83	1.81	1.79	3.14	ppb
Lithium	6-1				99		%
Magnesium	24-2	960.44	972.92	899.70	944.35	4.15	ppb
Manganese	55-2	2.30	1.91	1.93	2.05	10.68	ppb
Molybdenum	94-1	4.90	5.32	5.27	5.16	4.39	ppb
Molybdenum	95-1	2.17	2.32	2.16	2.22	3.83	ppb
Molybdenum	96-1	2.70	2.54	2.45	2.56	4.97	ppb
Molybdenum	97-1	2.22	2.13	2.46	2.27	7.60	ppb
Molybdenum	98-1	2.35	2.29	2.21	2.28	3.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.32	2.17	2.11	2.20	4.82	ppb
Phosphorus	31-2	-43.67	-38.95	-21.12	-34.58		ppb
Potassium	39-2	902.63	888.62	820.21	870.49	5.07	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	9.85	10.71	9.93	10.16	4.66	ppb
Selenium	77-2	5.02	6.48	3.40	4.96	31.04	ppb
Selenium	78-2	6.16	7.68	8.00	7.28	13.51	ppb
Silicon	28-1	-0.91	-0.90	-1.78	-1.19		ppb
Silver	107-1	1.92	1.95	1.98	1.95	1.54	ppb
Silver	109-1	1.94	2.14	1.98	2.02	5.14	ppb
Sodium	23-2	980.29	930.61	903.34	938.08	4.16	ppb
Strontium	86-1	1.93	2.23	1.90	2.02	8.86	ppb
Strontium	88-1	2.10	2.07	2.09	2.09	0.81	ppb
Sulfur	34-1	-3054.49	-2598.96	-2857.47	-2836.97		ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	1.73	1.82	1.79	1.78	2.64	ppb
Thallium	205-1	1.90	1.89	1.81	1.87	2.77	ppb
Tin	118-1	-0.14	-0.19	-0.06	-0.13		ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB148728BS	Instrumnet Name :	P8
Client Sample ID :	PB148728BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:38:20	DataFile Name :	045LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9.12	10.47	9.73	9.77	6.90	ppb
Uranium	238-1	1.86	1.85	1.77	1.82	2.70	ppb
Vanadium	51-2	10.17	9.68	9.36	9.74	4.17	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	11.81	10.44	9.84	10.70	9.48	ppb
Zirconium	90-1	2.01	1.96	2.03	2.00	1.74	ppb
Zirconium	91-1	2.14	1.91	1.97	2.01	6.07	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB149660BL	Instrumnet Name :	P8
Client Sample ID :	PB149660BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:41:34	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.18	0.19	0.17	0.06	355.09	ppb
Antimony	121-1	0.00	0.00	0.01	0.00	124.70	ppb
Arsenic	75-2	-0.02	-0.05	-0.05	-0.04		ppb
Barium	135-1	0.04	0.00	-0.02	0.01	340.62	ppb
Barium	137-1	-0.01	-0.01	-0.02	-0.01		ppb
Beryllium	9-1	0.00	0.01	0.00	0.00	50.78	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	5.70	4.80	4.95	5.15	9.38	ppb
Boron	11-1	5.75	5.21	5.30	5.42	5.34	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	0.02	-0.04	-0.01		ppb
Cadmium	106-1	-0.69	-1.29	-2.47	-1.49		ppb
Cadmium	108-1	0.12	-0.08	0.25	0.10	168.32	ppb
Calcium	43-1	0.13	1.21	1.28	0.88	73.56	ppb
Calcium	44-1	-4.76	-3.67	-4.38	-4.27		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.03	-0.04	0.00		ppb
Cobalt	59-2	-0.01	-0.01	0.00	0.00		ppb
Copper	63-2	-0.13	-0.09	-0.09	-0.10		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				103		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	54-2	2.57	-0.63	-1.30	0.21	962.03	ppb
Iron	56-2	0.07	-0.14	0.09	0.00	2676.17	ppb
Iron	57-2	0.33	2.43	0.11	0.96	133.65	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB149660BL	Instrumnet Name :	P8
Client Sample ID :	PB149660BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:41:34	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.00	-0.02	-0.01	-0.01		ppb
Lead	207-1	0.05	0.01	0.01	0.02	86.67	ppb
Lead	208-1	0.01	-0.02	0.00	0.00		ppb
Lithium	6-1				98		%
Magnesium	24-2	-0.89	0.11	0.18	-0.20		ppb
Manganese	55-2	0.06	-0.02	0.02	0.02	206.51	ppb
Molybdenum	94-1	-0.01	0.01	0.01	0.00	698.24	ppb
Molybdenum	95-1	0.01	0.00	0.01	0.00	203.20	ppb
Molybdenum	96-1	-0.01	-0.02	0.01	-0.01		ppb
Molybdenum	97-1	0.01	0.01	0.01	0.01	61.73	ppb
Molybdenum	98-1	0.01	0.01	0.00	0.01	189.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.04	0.03	0.04	13.58	ppb
Phosphorus	31-2	-9.48	-38.73	-43.43	-30.55		ppb
Potassium	39-2	-23.01	-19.00	-46.16	-29.39		ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.68	-0.11	-0.12	0.15	309.07	ppb
Selenium	77-2	-0.98	0.48	-0.98	-0.50		ppb
Selenium	78-2	-0.68	-2.88	-1.52	-1.69		ppb
Silicon	28-1	-5.30	-2.19	-5.00	-4.17		ppb
Silver	107-1	-0.01	-0.02	-0.01	-0.01		ppb
Silver	109-1	0.00	-0.01	-0.01	-0.01		ppb
Sodium	23-2	4.71	1.66	4.82	3.73	48.06	ppb
Strontium	86-1	0.03	-0.04	-0.03	-0.01		ppb
Strontium	88-1	0.01	0.01	0.02	0.01	18.80	ppb
Sulfur	34-1	-3355.43	-2243.69	-2940.81	-2846.64		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	-0.03	0.00	0.00	-0.01		ppb
Thallium	205-1	-0.01	-0.02	0.00	-0.01		ppb
Tin	118-1	-0.34	-0.24	-0.36	-0.31		ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB149660BL	Instrumnet Name :	P8
Client Sample ID :	PB149660BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:41:34	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.06	0.15	-0.04	0.02	734.01	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	-0.04	-0.17	-0.15	-0.12		ppb
Zirconium	90-1	0.00	0.02	-0.01	0.00	537.30	ppb
Zirconium	91-1	0.00	-0.02	0.00	-0.01		ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB149660BS	Instrumnet Name :	P8
Client Sample ID :	PB149660BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:44:44	DataFile Name :	047LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9529.08	9422.89	9257.52	9403.16	1.46	ppb
Antimony	121-1	507.28	487.25	479.39	491.30	2.93	ppb
Arsenic	75-2	494.48	503.32	485.09	494.30	1.84	ppb
Barium	135-1	2515.91	2417.96	2458.50	2464.13	2.00	ppb
Barium	137-1	2661.40	2577.42	2546.84	2595.22	2.29	ppb
Beryllium	9-1	499.09	491.31	500.08	496.83	0.97	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	509.07	526.81	561.41	532.43	5.00	ppb
Boron	11-1	545.97	561.87	594.32	567.39	4.34	ppb
Bromine	81-1						cps
Cadmium	111-1	532.23	521.42	501.50	518.38	3.01	ppb
Cadmium	106-1	527.63	507.96	486.54	507.37	4.05	ppb
Cadmium	108-1	532.62	497.56	509.90	513.36	3.46	ppb
Calcium	43-1	51742.95	51468.84	51723.16	51644.99	0.30	ppb
Calcium	44-1	49279.60	49998.82	49049.82	49442.75	1.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	501.01	494.97	481.95	492.64	1.98	ppb
Cobalt	59-2	491.07	495.05	461.41	482.51	3.81	ppb
Copper	63-2	5175.30	5086.51	4714.59	4992.13	4.90	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				106		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	54-2	23972.99	24359.45	23716.81	24016.41	1.35	ppb
Iron	56-2	25050.11	24666.55	23495.93	24404.20	3.32	ppb
Iron	57-2	23897.52	23810.17	22603.41	23437.03	3.09	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB149660BS	Instrumnet Name :	P8
Client Sample ID :	PB149660BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:44:44	DataFile Name :	047LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2526.52	2421.23	2482.95	2476.90	2.14	ppb
Lead	207-1	2506.47	2456.36	2518.80	2493.88	1.33	ppb
Lead	208-1	2496.78	2408.60	2483.74	2463.04	1.93	ppb
Lithium	6-1				99		%
Magnesium	24-2	50561.08	49470.26	46989.79	49007.04	3.73	ppb
Manganese	55-2	5055.44	5115.91	4981.53	5050.96	1.33	ppb
Molybdenum	94-1	4824.55	4928.17	4758.97	4837.23	1.76	ppb
Molybdenum	95-1	5019.02	5007.30	4743.04	4923.12	3.17	ppb
Molybdenum	96-1	5000.40	5067.19	4755.42	4941.00	3.32	ppb
Molybdenum	97-1	4860.34	4981.99	4689.99	4844.11	3.03	ppb
Molybdenum	98-1	4911.21	4947.46	4693.40	4850.69	2.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	515.30	508.86	484.63	502.93	3.22	ppb
Phosphorus	31-2	9677.86	10462.98	9507.18	9882.67	5.16	ppb
Potassium	39-2	23747.64	23921.97	23759.36	23809.66	0.41	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	497.45	513.69	483.96	498.37	2.99	ppb
Selenium	77-2	469.84	461.30	506.47	479.20	5.01	ppb
Selenium	78-2	478.92	509.12	474.66	487.57	3.85	ppb
Silicon	28-1	723.69	722.29	725.22	723.73	0.20	ppb
Silver	107-1	526.61	520.84	504.42	517.29	2.23	ppb
Silver	109-1	538.04	507.25	516.83	520.71	3.03	ppb
Sodium	23-2	48261.49	48310.33	47326.45	47966.09	1.16	ppb
Strontium	86-1	12220.17	12106.16	12052.05	12126.13	0.71	ppb
Strontium	88-1	12288.61	11977.34	12191.02	12152.32	1.31	ppb
Sulfur	34-1	10956.78	10626.97	10446.39	10676.71	2.42	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	468.81	464.64	471.88	468.44	0.78	ppb
Thallium	205-1	497.76	471.59	508.53	492.63	3.86	ppb
Tin	118-1	505.75	490.90	483.63	493.43	2.28	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB149660BS	Instrumnet Name :	P8
Client Sample ID :	PB149660BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:44:44	DataFile Name :	047LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4891.53	4916.74	4779.85	4862.71	1.50	ppb
Uranium	238-1	499.79	475.99	486.07	487.28	2.45	ppb
Vanadium	51-2	504.52	500.07	476.13	493.57	3.09	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	5303.64	5173.97	4895.97	5124.53	4.06	ppb
Zirconium	90-1	501.35	509.76	486.46	499.19	2.36	ppb
Zirconium	91-1	491.01	492.51	480.93	488.15	1.29	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB149658BL	Instrumnet Name :	P8
Client Sample ID :	PB149658BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:52:50	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.05	-0.61	0.57	0.00	19078.61	ppb
Antimony	121-1	0.06	0.06	0.10	0.07	28.81	ppb
Arsenic	75-2	-0.03	-0.01	0.03	0.00		ppb
Barium	135-1	0.03	0.07	0.01	0.04	81.41	ppb
Barium	137-1	0.03	0.05	0.03	0.04	24.33	ppb
Beryllium	9-1	0.02	0.04	0.03	0.03	31.11	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Boron	10-1	11.65	11.75	12.20	11.87	2.44	ppb
Boron	11-1	12.78	12.58	11.96	12.44	3.45	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.09	0.01	-0.01	-0.03		ppb
Cadmium	106-1	-5.90	0.47	-1.31	-2.25		ppb
Cadmium	108-1	-0.02	0.06	0.19	0.08	137.27	ppb
Calcium	43-1	-1.37	1.82	-0.50	-0.02		ppb
Calcium	44-1	-3.47	-3.47	-4.52	-3.82		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.04	0.00	0.01	254.51	ppb
Cobalt	59-2	0.02	-0.02	0.00	0.00	758.32	ppb
Copper	63-2	-0.09	-0.04	-0.05	-0.06		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				105		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	54-2	-1.53	-2.51	-1.06	-1.70		ppb
Iron	56-2	-0.11	0.14	0.25	0.10	193.35	ppb
Iron	57-2	5.47	1.00	-1.19	1.76	192.79	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB149658BL	Instrumnet Name :	P8
Client Sample ID :	PB149658BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:52:50	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.01	0.09	0.00	0.03	208.68	ppb
Lead	207-1	0.09	0.05	0.02	0.05	69.45	ppb
Lead	208-1	0.02	0.04	0.01	0.02	68.11	ppb
Lithium	6-1				96		%
Magnesium	24-2	0.39	0.03	-0.70	-0.09		ppb
Manganese	55-2	0.03	0.09	0.02	0.05	82.31	ppb
Molybdenum	94-1	0.12	0.11	0.12	0.12	2.82	ppb
Molybdenum	95-1	0.03	0.09	0.08	0.07	49.68	ppb
Molybdenum	96-1	0.08	0.07	0.08	0.08	8.38	ppb
Molybdenum	97-1	0.08	0.09	0.07	0.08	15.50	ppb
Molybdenum	98-1	0.09	0.11	0.07	0.09	25.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.00	0.04	0.03	87.21	ppb
Phosphorus	31-2	-35.03	-75.12	-1.85	-37.33		ppb
Potassium	39-2	-24.78	-21.56	-54.12	-33.49		ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	0.07	0.17	-0.15	0.03	643.34	ppb
Selenium	77-2	-0.98	-0.98	-0.98	-0.98		ppb
Selenium	78-2	-1.43	-0.66	-2.34	-1.48		ppb
Silicon	28-1	-5.00	-5.45	-6.67	-5.71		ppb
Silver	107-1	0.02	0.02	0.03	0.02	30.71	ppb
Silver	109-1	0.03	0.03	0.04	0.03	19.31	ppb
Sodium	23-2	8.83	7.59	-1.61	4.94	115.53	ppb
Strontium	86-1	-0.05	0.16	0.06	0.06	174.28	ppb
Strontium	88-1	0.12	0.22	0.09	0.14	44.98	ppb
Sulfur	34-1	-4199.78	-3932.60	-4024.31	-4052.23		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.02	-0.01	-0.01	0.00	9596.69	ppb
Thallium	205-1	-0.02	0.00	-0.02	-0.02		ppb
Tin	118-1	-0.31	-0.34	-0.35	-0.33		ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB149658BL	Instrumnet Name :	P8
Client Sample ID :	PB149658BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:52:50	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.16	0.00	0.09	0.08	95.96	ppb
Uranium	238-1	0.00	0.02	0.00	0.00	203.47	ppb
Vanadium	51-2	0.00	0.01	0.00	0.01	157.19	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	-0.05	-0.12	-0.07	-0.08		ppb
Zirconium	90-1	0.00	0.02	0.01	0.01	114.35	ppb
Zirconium	91-1	0.00	-0.01	0.01	0.00		ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB149658BS	Instrumnet Name :	P8
Client Sample ID :	PB149658BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:56:02	DataFile Name :	049LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9679.12	9493.40	9181.17	9451.23	2.66	ppb
Antimony	121-1	488.69	495.39	495.82	493.30	0.81	ppb
Arsenic	75-2	499.58	499.17	487.16	495.30	1.42	ppb
Barium	135-1	2512.85	2477.40	2467.97	2486.07	0.95	ppb
Barium	137-1	2520.73	2496.47	2540.19	2519.13	0.87	ppb
Beryllium	9-1	506.65	515.64	512.93	511.74	0.90	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	516.91	557.79	571.80	548.83	5.20	ppb
Boron	11-1	555.78	596.55	606.05	586.12	4.56	ppb
Bromine	81-1						cps
Cadmium	111-1	505.18	523.94	517.19	515.44	1.84	ppb
Cadmium	106-1	508.76	514.26	501.33	508.11	1.28	ppb
Cadmium	108-1	500.79	523.96	506.24	510.33	2.37	ppb
Calcium	43-1	51490.87	54340.12	48508.38	51446.46	5.67	ppb
Calcium	44-1	48297.53	54134.95	46855.88	49762.79	7.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	502.28	498.67	483.84	494.93	1.97	ppb
Cobalt	59-2	494.54	480.46	471.34	482.11	2.42	ppb
Copper	63-2	5212.06	5319.62	4980.41	5170.70	3.35	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				108		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				102		%
Iron	54-2	24470.10	24268.23	23059.75	23932.69	3.19	ppb
Iron	56-2	24374.79	24316.92	23735.99	24142.57	1.46	ppb
Iron	57-2	24238.84	23866.93	23008.63	23704.80	2.66	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB149658BS	Instrumnet Name :	P8
Client Sample ID :	PB149658BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:56:02	DataFile Name :	049LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2608.33	2382.66	2513.45	2501.48	4.53	ppb
Lead	207-1	2524.79	2416.49	2454.05	2465.11	2.23	ppb
Lead	208-1	2561.02	2443.12	2426.09	2476.74	2.97	ppb
Lithium	6-1				97		%
Magnesium	24-2	50895.96	49380.16	46683.43	48986.51	4.36	ppb
Manganese	55-2	5180.54	5147.78	4952.58	5093.63	2.42	ppb
Molybdenum	94-1	4762.84	4874.26	4795.70	4810.93	1.19	ppb
Molybdenum	95-1	4808.50	4754.99	4886.75	4816.75	1.38	ppb
Molybdenum	96-1	4833.49	4746.17	4897.88	4825.85	1.58	ppb
Molybdenum	97-1	4788.98	4662.42	4814.43	4755.28	1.71	ppb
Molybdenum	98-1	4762.23	4698.77	4724.68	4728.56	0.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	514.78	515.69	499.70	510.05	1.76	ppb
Phosphorus	31-2	10413.16	10500.36	9600.25	10171.26	4.88	ppb
Potassium	39-2	24235.09	24664.70	23642.77	24180.85	2.12	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	82-1	491.00	495.51	494.76	493.76	0.49	ppb
Selenium	77-2	468.93	521.64	479.32	489.96	5.70	ppb
Selenium	78-2	495.68	501.27	483.82	493.59	1.81	ppb
Silicon	28-1	694.83	772.89	660.00	709.24	8.15	ppb
Silver	107-1	491.25	533.38	520.32	514.98	4.19	ppb
Silver	109-1	519.38	525.64	521.81	522.28	0.60	ppb
Sodium	23-2	48809.30	49006.72	46609.74	48141.92	2.76	ppb
Strontium	86-1	12965.87	12449.60	12357.10	12590.86	2.61	ppb
Strontium	88-1	11954.02	12072.31	12423.88	12150.07	2.01	ppb
Sulfur	34-1	9356.84	11235.48	7583.54	9391.96	19.44	ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	472.82	449.75	458.59	460.39	2.53	ppb
Thallium	205-1	502.92	484.73	483.30	490.32	2.23	ppb
Tin	118-1	483.06	489.76	484.82	485.88	0.72	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB149658BS	Instrumnet Name :	P8
Client Sample ID :	PB149658BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:56:02	DataFile Name :	049LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4708.92	5093.25	4647.75	4816.64	5.01	ppb
Uranium	238-1	513.43	492.83	482.68	496.32	3.16	ppb
Vanadium	51-2	499.55	501.02	479.40	493.32	2.45	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	5251.55	5252.08	5096.23	5199.95	1.73	ppb
Zirconium	90-1	499.58	493.28	503.61	498.82	1.04	ppb
Zirconium	91-1	491.70	483.29	486.46	487.15	0.87	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB149659BL	Instrumnet Name :	P8
Client Sample ID :	PB149659BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:05:05	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.67	-0.64	0.31	-0.33		ppb
Antimony	121-1	0.03	0.05	0.08	0.06	47.53	ppb
Arsenic	75-2	-0.03	-0.03	-0.03	-0.03		ppb
Barium	135-1	0.01	0.01	-0.02	0.00	404.91	ppb
Barium	137-1	0.05	0.02	0.03	0.03	55.04	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	5.94	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	13.23	13.26	12.54	13.01	3.13	ppb
Boron	11-1	13.73	14.00	13.30	13.68	2.58	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	0.01	-0.02	-0.01		ppb
Cadmium	106-1	-2.62	-0.79	-1.89	-1.77		ppb
Cadmium	108-1	-0.08	-0.01	-0.08	-0.06		ppb
Calcium	43-1	2.80	0.82	1.75	1.79	55.31	ppb
Calcium	44-1	-2.63	-1.97	-3.17	-2.59		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.08	0.06	0.01	0.00		ppb
Cobalt	59-2	0.01	-0.02	-0.02	-0.01		ppb
Copper	63-2	-0.06	-0.03	-0.05	-0.05		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	54-2	-0.83	0.73	0.34	0.08	1024.73	ppb
Iron	56-2	-0.05	0.58	0.35	0.29	107.67	ppb
Iron	57-2	2.35	-0.33	-1.04	0.33	546.62	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB149659BL	Instrumnet Name :	P8
Client Sample ID :	PB149659BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:05:05	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.02	0.03	0.03	0.03	13.65	ppb
Lead	207-1	0.06	0.03	0.05	0.05	29.98	ppb
Lead	208-1	0.05	0.03	0.02	0.03	47.52	ppb
Lithium	6-1				96		%
Magnesium	24-2	0.49	0.92	-0.81	0.20	452.12	ppb
Manganese	55-2	0.04	0.08	0.07	0.06	32.77	ppb
Molybdenum	94-1	0.08	0.15	0.06	0.10	49.82	ppb
Molybdenum	95-1	0.09	0.13	0.10	0.10	20.36	ppb
Molybdenum	96-1	0.13	0.08	0.05	0.09	44.93	ppb
Molybdenum	97-1	0.09	0.08	0.08	0.08	8.59	ppb
Molybdenum	98-1	0.12	0.07	0.09	0.10	28.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	-0.01	0.00	0.02	204.36	ppb
Phosphorus	31-2	-2.48	-43.49	-22.54	-22.84		ppb
Potassium	39-2	-44.91	-25.55	-32.09	-34.18		ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	-0.33	-0.30	0.19	-0.15		ppb
Selenium	77-2	0.48	-0.98	-0.98	-0.50		ppb
Selenium	78-2	-1.97	-0.44	-1.32	-1.24		ppb
Silicon	28-1	-3.25	-3.34	-3.89	-3.49		ppb
Silver	107-1	0.03	0.01	0.03	0.02	49.65	ppb
Silver	109-1	0.06	0.03	0.02	0.04	53.61	ppb
Sodium	23-2	5.67	9.91	7.42	7.67	27.85	ppb
Strontium	86-1	0.23	0.14	0.16	0.17	27.94	ppb
Strontium	88-1	0.14	0.14	0.15	0.14	2.26	ppb
Sulfur	34-1	-3657.47	-3694.93	-3792.61	-3715.00		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	-0.01	0.03	0.00	0.01	192.08	ppb
Thallium	205-1	-0.01	-0.02	0.01	-0.01		ppb
Tin	118-1	-0.29	-0.37	-0.34	-0.33		ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB149659BL	Instrumnet Name :	P8
Client Sample ID :	PB149659BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:05:05	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.00	0.15	0.09	0.08	98.80	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	4.37	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	3988.89	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	0.00	0.05	0.02	0.03	109.38	ppb
Zirconium	90-1	0.02	0.01	0.03	0.02	63.97	ppb
Zirconium	91-1	0.00	0.00	-0.01	0.00		ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:08:16	DataFile Name :	051CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49815.31	49199.11	48452.55	49155.66	1.39	ppb
Antimony	121-1	465.37	484.06	476.49	475.30	1.98	ppb
Arsenic	75-2	499.01	488.15	477.92	488.36	2.16	ppb
Barium	135-1	2463.55	2534.64	2476.57	2491.59	1.52	ppb
Barium	137-1	2553.22	2649.06	2540.56	2580.95	2.30	ppb
Beryllium	9-1	499.80	513.26	516.27	509.78	1.72	ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Boron	10-1	516.51	550.02	581.73	549.42	5.94	ppb
Boron	11-1	557.24	595.69	627.22	593.38	5.91	ppb
Bromine	81-1						cps
Cadmium	111-1	511.04	533.18	515.03	519.75	2.27	ppb
Cadmium	106-1	497.82	523.75	525.59	515.72	3.01	ppb
Cadmium	108-1	511.75	528.61	518.30	519.55	1.64	ppb
Calcium	43-1	251504.45	242434.21	242681.56	245540.07	2.10	ppb
Calcium	44-1	246969.19	232999.05	238484.64	239484.29	2.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	516.26	507.16	508.06	510.49	0.98	ppb
Cobalt	59-2	504.20	489.40	487.89	493.83	1.83	ppb
Copper	63-2	5325.75	5383.46	5103.23	5270.81	2.81	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				107		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	54-2	120183.01	115364.38	118456.91	118001.43	2.07	ppb
Iron	56-2	122291.54	117184.02	119773.57	119749.71	2.13	ppb
Iron	57-2	124310.33	122404.00	121290.65	122668.33	1.24	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:08:16	DataFile Name :	051CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2624.21	2555.12	2661.15	2613.49	2.06	ppb
Lead	207-1	2666.27	2531.49	2659.73	2619.17	2.90	ppb
Lead	208-1	2664.56	2531.51	2628.02	2608.03	2.64	ppb
Lithium	6-1				94		%
Magnesium	24-2	247881.79	242397.96	232713.84	240997.86	3.19	ppb
Manganese	55-2	5263.66	5117.58	5155.06	5178.77	1.47	ppb
Molybdenum	94-1	5087.18	5158.04	4912.15	5052.46	2.51	ppb
Molybdenum	95-1	5038.52	5145.90	4921.35	5035.25	2.23	ppb
Molybdenum	96-1	4951.44	5175.75	4943.30	5023.50	2.63	ppb
Molybdenum	97-1	5039.69	5016.46	5098.42	5051.53	0.84	ppb
Molybdenum	98-1	5017.76	5011.06	4960.53	4996.45	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	548.59	533.84	534.20	538.88	1.56	ppb
Phosphorus	31-2	9937.11	10187.22	9916.45	10013.59	1.51	ppb
Potassium	39-2	116787.97	115364.74	121662.91	117938.54	2.80	ppb
Rhodium	103-1				97		%
Rhodium	103-2				92		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	509.34	516.06	505.67	510.36	1.03	ppb
Selenium	77-2	520.31	544.22	494.16	519.56	4.82	ppb
Selenium	78-2	520.70	524.20	519.15	521.35	0.50	ppb
Silicon	28-1	695.04	698.74	687.53	693.77	0.82	ppb
Silver	107-1	518.26	534.45	512.94	521.88	2.15	ppb
Silver	109-1	521.23	520.74	521.18	521.05	0.05	ppb
Sodium	23-2	238853.05	238104.94	238060.73	238339.57	0.19	ppb
Strontium	86-1	12400.04	12634.36	12220.56	12418.32	1.67	ppb
Strontium	88-1	12400.27	12586.39	12376.73	12454.47	0.92	ppb
Sulfur	34-1	11063.13	11108.85	10343.99	10838.65	3.96	ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	505.07	487.43	504.64	499.05	2.02	ppb
Thallium	205-1	523.27	510.75	530.10	521.37	1.88	ppb
Tin	118-1	476.16	474.07	482.21	477.48	0.89	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:08:16	DataFile Name :	051CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5042.31	5006.30	5040.42	5029.68	0.40	ppb
Uranium	238-1	562.24	527.05	543.58	544.29	3.24	ppb
Vanadium	51-2	521.81	506.37	503.00	510.39	1.97	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	5186.16	5143.30	5085.67	5138.38	0.98	ppb
Zirconium	90-1	523.26	527.46	515.64	522.12	1.15	ppb
Zirconium	91-1	507.31	522.19	507.93	512.48	1.64	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:14:32	DataFile Name :	052CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.22	0.45	1.12	0.60	79.28	ppb
Antimony	121-1	0.06	0.07	0.13	0.09	44.32	ppb
Arsenic	75-2	-0.03	-0.04	-0.03	-0.04		ppb
Barium	135-1	0.04	0.01	0.04	0.03	50.51	ppb
Barium	137-1	-0.01	0.03	0.02	0.01	130.18	ppb
Beryllium	9-1	0.03	0.02	0.04	0.03	28.87	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	18.66	18.56	17.07	18.10	4.91	ppb
Boron	11-1	19.09	19.02	17.64	18.58	4.40	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	-0.05	-0.03	-0.03		ppb
Cadmium	106-1	0.40	-3.77	-4.39	-2.59		ppb
Cadmium	108-1	0.34	0.06	0.20	0.20	70.90	ppb
Calcium	43-1	-1.52	0.44	1.26	0.06	2250.05	ppb
Calcium	44-1	-3.29	-1.30	-3.00	-2.53		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.04	0.03	-0.05	-0.02		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.07	-0.01	0.10	0.01	1191.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	54-2	0.26	0.74	2.38	1.13	98.37	ppb
Iron	56-2	0.41	1.82	2.13	1.45	63.36	ppb
Iron	57-2	0.76	1.14	2.82	1.57	69.63	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:14:32	DataFile Name :	052CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.01	-0.03	0.03	0.00	872.34	ppb
Lead	207-1	0.02	0.02	0.07	0.03	84.77	ppb
Lead	208-1	0.00	0.01	0.03	0.02	102.19	ppb
Lithium	6-1				97		%
Magnesium	24-2	1.19	5.34	2.89	3.14	66.34	ppb
Manganese	55-2	0.03	0.05	0.03	0.04	24.72	ppb
Molybdenum	94-1	0.04	0.10	0.05	0.06	51.90	ppb
Molybdenum	95-1	0.08	0.04	0.04	0.05	37.27	ppb
Molybdenum	96-1	0.03	0.02	0.06	0.04	58.98	ppb
Molybdenum	97-1	0.08	0.04	0.17	0.09	68.90	ppb
Molybdenum	98-1	0.07	0.07	0.05	0.06	21.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.05	0.08	0.06	43.47	ppb
Phosphorus	31-2	-31.15	-58.11	-52.51	-47.25		ppb
Potassium	39-2	-31.26	-25.13	-22.00	-26.13		ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	-0.42	-0.25	-0.20	-0.29		ppb
Selenium	77-2	0.53	-0.98	-0.98	-0.48		ppb
Selenium	78-2	-2.31	-1.78	-2.68	-2.25		ppb
Silicon	28-1	-5.83	-0.16	0.48	-1.84		ppb
Silver	107-1	0.03	0.05	0.02	0.04	49.16	ppb
Silver	109-1	0.04	0.04	0.04	0.04	7.18	ppb
Sodium	23-2	18.70	26.11	22.14	22.32	16.62	ppb
Strontium	86-1	0.15	-0.12	0.18	0.07	224.83	ppb
Strontium	88-1	0.07	0.06	0.10	0.08	22.37	ppb
Sulfur	34-1	-3285.09	-2941.03	-2772.34	-2999.49		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	-0.03	0.00	0.00	-0.01		ppb
Thallium	205-1	0.01	0.01	0.00	0.01	71.18	ppb
Tin	118-1	0.12	0.57	0.61	0.43	63.55	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:14:32	DataFile Name :	052CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.01	-0.08	0.04	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	0.05	-0.01	0.18	0.07	140.02	ppb
Zirconium	90-1	0.00	0.00	0.03	0.01	135.03	ppb
Zirconium	91-1	-0.01	0.01	-0.02	0.00		ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB149659BS	Instrumnet Name :	P8
Client Sample ID :	PB149659BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:17:46	DataFile Name :	053LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9540.39	9629.16	9459.23	9542.93	0.89	ppb
Antimony	121-1	488.42	485.79	487.28	487.16	0.27	ppb
Arsenic	75-2	501.52	492.94	482.13	492.19	1.97	ppb
Barium	135-1	2359.77	2412.48	2504.45	2425.57	3.02	ppb
Barium	137-1	2442.23	2590.26	2629.38	2553.96	3.87	ppb
Beryllium	9-1	508.68	498.34	503.76	503.60	1.03	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Boron	10-1	526.54	546.36	572.93	548.61	4.24	ppb
Boron	11-1	553.44	579.22	611.37	581.34	4.99	ppb
Bromine	81-1						cps
Cadmium	111-1	512.96	518.13	499.89	510.33	1.84	ppb
Cadmium	106-1	514.73	495.50	516.51	508.91	2.29	ppb
Cadmium	108-1	503.09	497.55	502.40	501.01	0.60	ppb
Calcium	43-1	50910.89	52383.75	51633.10	51642.58	1.43	ppb
Calcium	44-1	49111.54	50253.95	49253.89	49539.80	1.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	511.31	500.57	491.93	501.27	1.94	ppb
Cobalt	59-2	487.39	507.83	490.77	495.33	2.21	ppb
Copper	63-2	5230.19	5136.36	4997.83	5121.46	2.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	54-2	24009.59	24146.48	23749.18	23968.42	0.84	ppb
Iron	56-2	24554.76	24508.74	24674.09	24579.20	0.35	ppb
Iron	57-2	23463.81	23685.28	23659.10	23602.73	0.51	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB149659BS	Instrumnet Name :	P8
Client Sample ID :	PB149659BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:17:46	DataFile Name :	053LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2471.78	2585.51	2493.15	2516.81	2.40	ppb
Lead	207-1	2523.57	2470.24	2398.46	2464.09	2.55	ppb
Lead	208-1	2482.81	2469.80	2389.51	2447.37	2.06	ppb
Lithium	6-1				99		%
Magnesium	24-2	48524.89	48933.98	49241.96	48900.28	0.74	ppb
Manganese	55-2	5038.33	5104.33	5175.12	5105.92	1.34	ppb
Molybdenum	94-1	4969.19	4713.51	4629.96	4770.88	3.70	ppb
Molybdenum	95-1	4998.60	4974.70	4713.22	4895.50	3.23	ppb
Molybdenum	96-1	5028.04	4992.64	4703.99	4908.23	3.62	ppb
Molybdenum	97-1	4859.27	4928.88	4742.94	4843.70	1.94	ppb
Molybdenum	98-1	4952.04	4834.60	4748.36	4845.00	2.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.94	504.89	500.21	502.01	0.50	ppb
Phosphorus	31-2	9992.77	9972.53	9837.67	9934.32	0.85	ppb
Potassium	39-2	23733.35	24542.64	24219.02	24165.00	1.69	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	515.76	498.29	479.55	497.86	3.64	ppb
Selenium	77-2	551.41	503.34	443.48	499.41	10.83	ppb
Selenium	78-2	503.13	478.55	496.27	492.65	2.57	ppb
Silicon	28-1	684.78	733.44	703.73	707.32	3.47	ppb
Silver	107-1	517.42	512.99	493.99	508.13	2.45	ppb
Silver	109-1	516.33	520.91	501.38	512.87	1.99	ppb
Sodium	23-2	48631.31	48387.99	48740.95	48586.75	0.37	ppb
Strontium	86-1	12341.47	12272.80	11929.26	12181.18	1.81	ppb
Strontium	88-1	12501.15	12298.60	11850.40	12216.72	2.73	ppb
Sulfur	34-1	9836.69	10487.64	10374.88	10233.07	3.40	ppb
Terbium	159-1				107		%
Terbium	159-2				109		%
Thallium	203-1	455.44	460.05	458.78	458.09	0.52	ppb
Thallium	205-1	485.27	491.98	487.18	488.14	0.71	ppb
Tin	118-1	479.90	479.18	489.19	482.76	1.16	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB149659BS	Instrumnet Name :	P8
Client Sample ID :	PB149659BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:17:46	DataFile Name :	053LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4752.98	4737.36	4750.55	4746.96	0.18	ppb
Uranium	238-1	497.19	474.95	494.42	488.85	2.48	ppb
Vanadium	51-2	491.74	499.66	495.17	495.52	0.80	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	5153.51	5162.63	5125.64	5147.26	0.37	ppb
Zirconium	90-1	498.15	502.82	497.33	499.43	0.59	ppb
Zirconium	91-1	509.45	493.70	475.46	492.87	3.45	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:20:54	DataFile Name :	054CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50034.13	49844.00	48624.94	49501.02	1.54	ppb
Antimony	121-1	494.47	472.55	462.21	476.41	3.46	ppb
Arsenic	75-2	486.49	475.12	479.21	480.27	1.20	ppb
Barium	135-1	2631.85	2608.11	2534.15	2591.37	1.97	ppb
Barium	137-1	2672.94	2694.80	2550.55	2639.43	2.95	ppb
Beryllium	9-1	518.92	509.54	486.35	504.94	3.32	ppb
Bismuth	209-1				107		%
Bismuth	209-2				98		%
Boron	10-1	574.06	591.63	577.34	581.01	1.61	ppb
Boron	11-1	611.68	633.07	608.58	617.78	2.16	ppb
Bromine	81-1						cps
Cadmium	111-1	521.48	502.61	490.83	504.97	3.06	ppb
Cadmium	106-1	514.59	511.91	491.58	506.03	2.49	ppb
Cadmium	108-1	510.53	515.61	482.12	502.75	3.59	ppb
Calcium	43-1	243804.36	245732.35	240084.76	243207.15	1.18	ppb
Calcium	44-1	241671.73	238204.90	233528.43	237801.69	1.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	517.22	511.67	501.25	510.04	1.59	ppb
Cobalt	59-2	494.17	501.82	491.63	495.87	1.07	ppb
Copper	63-2	5070.42	5422.88	5239.98	5244.43	3.36	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				107		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	54-2	122356.88	122517.74	119911.71	121595.45	1.20	ppb
Iron	56-2	121237.10	122007.04	117522.02	120255.39	1.99	ppb
Iron	57-2	126177.95	127163.25	120874.24	124738.48	2.71	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:20:54	DataFile Name :	054CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2682.96	2632.50	2529.94	2615.13	2.98	ppb
Lead	207-1	2667.29	2617.93	2510.09	2598.44	3.09	ppb
Lead	208-1	2686.93	2659.09	2487.29	2611.10	4.14	ppb
Lithium	6-1				95		%
Magnesium	24-2	246035.79	245451.12	236981.84	242822.92	2.09	ppb
Manganese	55-2	5260.13	5318.69	5179.30	5252.70	1.33	ppb
Molybdenum	94-1	5066.68	4879.53	4760.32	4902.18	3.15	ppb
Molybdenum	95-1	5103.78	4888.67	4763.28	4918.58	3.50	ppb
Molybdenum	96-1	5164.24	4916.62	4875.09	4985.31	3.14	ppb
Molybdenum	97-1	5058.66	5090.82	4812.17	4987.22	3.06	ppb
Molybdenum	98-1	4961.29	5104.44	4802.45	4956.06	3.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	525.92	528.44	520.85	525.07	0.74	ppb
Phosphorus	31-2	10167.89	10442.26	10013.33	10207.83	2.13	ppb
Potassium	39-2	122375.27	116088.14	120251.24	119571.55	2.67	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	498.97	492.85	467.01	486.28	3.49	ppb
Selenium	77-2	501.67	472.84	492.13	488.88	3.00	ppb
Selenium	78-2	506.97	493.75	493.22	497.98	1.56	ppb
Silicon	28-1	707.41	692.05	650.16	683.21	4.34	ppb
Silver	107-1	519.43	504.12	489.54	504.36	2.96	ppb
Silver	109-1	518.49	538.76	492.79	516.68	4.46	ppb
Sodium	23-2	247606.63	240743.19	245613.74	244654.52	1.44	ppb
Strontium	86-1	13022.04	12361.65	12097.77	12493.82	3.81	ppb
Strontium	88-1	12613.79	12810.95	12290.39	12571.71	2.09	ppb
Sulfur	34-1	11008.07	10052.66	8778.28	9946.34	11.25	ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	503.42	490.72	466.04	486.73	3.90	ppb
Thallium	205-1	521.60	534.40	495.89	517.30	3.79	ppb
Tin	118-1	494.85	478.13	470.45	481.14	2.59	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:20:54	DataFile Name :	054CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5085.58	5039.41	4897.88	5007.62	1.95	ppb
Uranium	238-1	532.76	552.27	511.96	532.33	3.79	ppb
Vanadium	51-2	528.74	522.93	506.52	519.40	2.22	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	5055.27	5040.61	4949.01	5014.96	1.15	ppb
Zirconium	90-1	520.38	505.95	477.29	501.21	4.38	ppb
Zirconium	91-1	505.06	499.52	485.14	496.57	2.07	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:35:53	DataFile Name :	055CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.18	-0.16	0.46	0.04	828.51	ppb
Antimony	121-1	0.03	0.04	0.07	0.05	43.77	ppb
Arsenic	75-2	-0.01	-0.01	0.00	-0.01		ppb
Barium	135-1	0.00	0.02	0.02	0.01	88.61	ppb
Barium	137-1	0.00	0.00	0.01	0.01	90.00	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	7.96	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	11.18	11.27	10.73	11.06	2.62	ppb
Boron	11-1	11.73	12.06	11.65	11.81	1.85	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	-0.03	-0.02	-0.01		ppb
Cadmium	106-1	-0.25	-1.04	-4.46	-1.92		ppb
Cadmium	108-1	-0.07	0.07	0.00	0.00		ppb
Calcium	43-1	-0.71	-0.70	1.65	0.08	1684.38	ppb
Calcium	44-1	-4.13	-3.46	-2.08	-3.22		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.05	0.02	0.03	51.01	ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	-0.04	-0.16	-0.02	-0.08		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				98		%
Iron	54-2	-0.22	0.07	0.31	0.05	494.25	ppb
Iron	56-2	1.16	0.26	1.05	0.82	59.83	ppb
Iron	57-2	3.63	-0.40	1.17	1.47	138.52	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:35:53	DataFile Name :	055CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.02	-0.01	0.02	122.13	ppb
Lead	207-1	-0.01	0.05	0.02	0.02	171.32	ppb
Lead	208-1	0.00	0.02	0.01	0.01	88.62	ppb
Lithium	6-1				96		%
Magnesium	24-2	0.95	0.58	1.40	0.98	42.08	ppb
Manganese	55-2	0.04	0.04	0.15	0.08	79.79	ppb
Molybdenum	94-1	0.03	0.00	0.15	0.06	133.00	ppb
Molybdenum	95-1	0.01	0.03	0.10	0.05	100.87	ppb
Molybdenum	96-1	-0.01	0.03	0.03	0.02	147.76	ppb
Molybdenum	97-1	0.04	0.03	0.04	0.04	17.10	ppb
Molybdenum	98-1	0.02	0.03	0.06	0.04	52.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.03	0.06	0.03	121.61	ppb
Phosphorus	31-2	-40.44	-43.84	-29.61	-37.96		ppb
Potassium	39-2	-29.32	-11.13	3.98	-12.16		ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	82-1	0.04	-0.16	0.58	0.15	247.45	ppb
Selenium	77-2	-0.98	-0.98	-0.98	-0.98		ppb
Selenium	78-2	-0.01	-0.98	0.78	-0.07		ppb
Silicon	28-1	-7.22	-4.12	-4.67	-5.34		ppb
Silver	107-1	0.04	0.01	0.01	0.02	73.36	ppb
Silver	109-1	0.01	0.02	0.01	0.02	39.00	ppb
Sodium	23-2	16.73	17.08	24.67	19.49	23.00	ppb
Strontium	86-1	-0.02	-0.11	-0.08	-0.07		ppb
Strontium	88-1	0.02	0.03	0.13	0.06	102.35	ppb
Sulfur	34-1	-3698.23	-2986.69	-2851.20	-3178.71		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.00	-0.01	0.03	0.01	362.42	ppb
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb
Tin	118-1	1.87	0.85	0.83	1.18	50.25	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:35:53	DataFile Name :	055CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.06	0.01	-0.03	-0.03		ppb
Uranium	238-1	0.00	-0.01	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	-0.33	0.15	0.17	0.00		ppb
Zirconium	90-1	0.00	-0.01	0.01	0.00		ppb
Zirconium	91-1	0.04	-0.01	0.02	0.02	134.44	ppb

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:41:33	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	54	64	76	65	17.46	cps
Antimony	121-1	17	8	25	17	50.01	cps
Arsenic	75-2	4	8	6	6	33.33	cps
Barium	135-1	8	8	8	8	0.00	cps
Barium	137-1	17	8	17	14	34.67	cps
Beryllium	9-1	39	41	40	40	3.13	cps
Bismuth	209-1	2041760	2020998	2075083	2045947	1.33	cps
Bismuth	209-2	1177348	1149354	1149951	1158884	1.38	cps
Boron	10-1	350	302	338	330	7.57	cps
Boron	11-1	1448	1546	1574	1522	4.35	cps
Bromine	81-1	32542	30174	30525	31080	4.11	cps
Cadmium	111-1	202	198	198	199	1.03	cps
Cadmium	106-1	1950	1942	1934	1942	0.43	cps
Cadmium	108-1	8	13	17	13	33.36	cps
Calcium	43-1	147	129	136	137	6.86	cps
Calcium	44-1	14628	15060	14836	14841	1.45	cps
Carbon	12-1	6730383	6694161	6637466	6687337	0.70	cps
Carbon	12-2	69197	67891	70947	69345	2.21	cps
Chlorine	35-1	150762	149659	149895	150105	0.39	cps
Chlorine	35-2	967	775	992	911	13.01	cps
Chromium	52-2	310	283	333	309	8.10	cps
Cobalt	59-2	70	50	73	64	19.58	cps
Copper	63-2	637	683	720	680	6.14	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	17	33	31	41.66	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	42	17	42	33	43.30	cps
Gadolinium	160-2	33	47	47	42	18.24	cps
Holmium	165-1	3535787	3603653	3542317	3560586	1.05	cps
Holmium	165-2	1663114	1665225	1685187	1671175	0.73	cps
Indium	115-1	3271389	3265790	3475106	3337428	3.57	cps
Indium	115-2	514201	506942	509568	510237	0.72	cps
Iron	54-2	550	606	506	554	9.05	cps
Iron	56-2	2445	2111	2400	2319	7.81	cps
Iron	57-2	250	300	289	280	9.39	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:41:33	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	372	384	345	367	5.43	cps
Lead	206-1	328	350	322	333	4.41	cps
Lead	207-1	228	239	294	254	14.08	cps
Lead	208-1	1200	1133	1350	1228	9.04	cps
Lithium	6-1	3203498	3182496	3041842	3142612	2.80	cps
Magnesium	24-2	233	350	317	300	20.03	cps
Manganese	55-2	20	23	37	27	33.08	cps
Molybdenum	94-1	50	100	125	92	41.66	cps
Molybdenum	95-1	33	8	50	31	68.64	cps
Molybdenum	96-1	175	117	125	139	22.72	cps
Molybdenum	97-1	0	25	8	11	114.58	cps
Molybdenum	98-1	42	25	42	36	26.65	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	17	30	23	23	28.56	cps
Phosphorus	31-2	292	250	208	250	16.67	cps
Potassium	39-2	23945	24805	25390	24713	2.94	cps
Rhodium	103-1	3546227	3565859	3577634	3563240	0.45	cps
Rhodium	103-2	1542523	1552054	1546780	1547119	0.31	cps
Scandium	45-1	3009098	2988734	3212938	3070257	4.04	cps
Scandium	45-2	92124	90138	91345	91203	1.10	cps
Selenium	82-1	41	-38	35	13	338.89	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	59	54	55	56	4.72	cps
Silicon	28-1	1200575	1219593	1210786	1210318	0.79	cps
Silver	107-1	92	125	125	114	16.90	cps
Silver	109-1	42	83	100	75	40.06	cps
Sodium	23-2	15383	15467	15392	15414	0.30	cps
Strontium	86-1	667	633	608	636	4.60	cps
Strontium	88-1	42	100	75	72	40.52	cps
Sulfur	34-1	511987	514251	512787	513008	0.22	cps
Terbium	159-1	3688434	3760112	3661942	3703496	1.37	cps
Terbium	159-2	1687818	1625385	1680398	1664534	2.05	cps
Thallium	203-1	175	158	158	164	5.87	cps
Thallium	205-1	367	450	342	386	14.69	cps
Tin	118-1	2371	150	225	915	137.78	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:41:33	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	133	242	217	197	28.76	cps
Uranium	238-1	33	17	42	31	41.66	cps
Vanadium	51-2	7	7	0	4	86.60	cps
Ytterbium	172-1	25	0	8	11	114.58	cps
Ytterbium	172-2	11	6	11	9	34.60	cps
Ytterbium	176-1	508	483	458	483	5.17	cps
Ytterbium	176-2	4312	4823	4545	4560	5.61	cps
Yttrium	89-1	5801619	6112764	5975316	5963233	2.61	cps
Yttrium	89-2	625399	604704	625121	618408	1.92	cps
Zinc	66-2	63	87	100	83	22.27	cps
Zirconium	90-1	242	167	300	236	28.31	cps
Zirconium	91-1	58	42	42	47	20.37	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:47:58	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	620	641	586	616	4.50	cps
Antimony	121-1	4959	4501	4518	4659	5.58	cps
Arsenic	75-2	82	106	100	96	13.01	cps
Barium	135-1	4593	4918	4551	4687	4.28	cps
Barium	137-1	8611	8428	8211	8417	2.38	cps
Beryllium	9-1	2226	2022	2066	2105	5.10	cps
Bismuth	209-1	1878464	2156692	1815285	1950147	9.31	cps
Bismuth	209-2	1111630	1147623	1146994	1135416	1.81	cps
Boron	10-1	5790	6542	6868	6400	8.64	cps
Boron	11-1	26250	28997	29077	28108	5.73	cps
Bromine	81-1	30806	31598	32210	31538	2.23	cps
Cadmium	111-1	910	918	867	898	3.05	cps
Cadmium	106-1	2075	2159	1842	2025	8.11	cps
Cadmium	108-1	63	50	96	69	34.12	cps
Calcium	43-1	5659	5497	5283	5480	3.44	cps
Calcium	44-1	101806	99315	99432	100184	1.40	cps
Carbon	12-1	6587310	6706322	6579086	6624239	1.07	cps
Carbon	12-2	69347	69842	68443	69210	1.02	cps
Chlorine	35-1	148514	152100	149366	149993	1.25	cps
Chlorine	35-2	958	1108	783	950	17.12	cps
Chromium	52-2	2074	1940	1703	1906	9.83	cps
Cobalt	59-2	1563	1337	1523	1475	8.21	cps
Copper	63-2	2867	2940	2914	2907	1.28	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	25	0	19	89.21	cps
Erbium	164-2	3	13	0	6	124.93	cps
Gadolinium	160-1	33	17	25	25	33.32	cps
Gadolinium	160-2	53	77	53	61	22.05	cps
Holmium	165-1	3148310	3663126	3047995	3286477	10.04	cps
Holmium	165-2	1597518	1695840	1660655	1651338	3.02	cps
Indium	115-1	2907684	3480784	2924904	3104457	10.50	cps
Indium	115-2	491685	509377	502245	501102	1.78	cps
Iron	54-2	2372	2339	2289	2334	1.80	cps
Iron	56-2	35545	34620	33629	34598	2.77	cps
Iron	57-2	983	1250	1417	1217	17.97	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:47:58	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	349	366	419	378	9.64	cps
Lead	206-1	1733	1628	1661	1674	3.22	cps
Lead	207-1	1550	1650	1400	1533	8.21	cps
Lead	208-1	6873	6817	6868	6853	0.45	cps
Lithium	6-1	2945448	3208496	2785701	2979882	7.16	cps
Magnesium	24-2	40273	38669	38644	39195	2.38	cps
Manganese	55-2	493	463	490	482	3.41	cps
Molybdenum	94-1	6293	5876	6593	6254	5.76	cps
Molybdenum	95-1	7135	7686	7544	7455	3.83	cps
Molybdenum	96-1	7877	7894	8353	8041	3.35	cps
Molybdenum	97-1	4534	4951	4759	4748	4.39	cps
Molybdenum	98-1	11755	11830	11764	11783	0.35	cps
Neodymium	150-1	20	13	0	11	91.66	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	367	480	360	402	16.77	cps
Phosphorus	31-2	267	175	275	239	23.23	cps
Potassium	39-2	49586	47896	46910	48131	2.81	cps
Rhodium	103-1	3245178	3770135	3143460	3386258	9.93	cps
Rhodium	103-2	1500116	1511021	1538966	1516701	1.32	cps
Scandium	45-1	2775182	3091243	2613684	2826703	8.59	cps
Scandium	45-2	87259	93288	90091	90213	3.34	cps
Selenium	82-1	401	436	419	419	4.18	cps
Selenium	77-2	3	10	20	11	75.52	cps
Selenium	78-2	91	74	84	83	10.29	cps
Silicon	28-1	1220405	1265244	1249229	1244960	1.83	cps
Silver	107-1	3717	4034	3567	3773	6.32	cps
Silver	109-1	3901	3509	3742	3717	5.30	cps
Sodium	23-2	86616	83029	82367	84004	2.72	cps
Strontium	86-1	1600	1667	1667	1645	2.34	cps
Strontium	88-1	7627	7677	7485	7597	1.31	cps
Sulfur	34-1	505421	511151	514147	510239	0.87	cps
Terbium	159-1	3449339	3690700	3244769	3461603	6.45	cps
Terbium	159-2	1590648	1615300	1647518	1617822	1.76	cps
Thallium	203-1	1775	1909	1800	1828	3.88	cps
Thallium	205-1	4551	4718	4034	4434	8.04	cps
Tin	118-1	10863	10755	10463	10693	1.94	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:47:58	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2750	3059	2892	2900	5.32	cps
Uranium	238-1	5326	5176	5018	5173	2.98	cps
Vanadium	51-2	3167	3044	3054	3088	2.22	cps
Ytterbium	172-1	17	25	8	17	50.01	cps
Ytterbium	172-2	6	11	6	7	43.24	cps
Ytterbium	176-1	450	650	542	547	18.30	cps
Ytterbium	176-2	4179	4290	4695	4388	6.20	cps
Yttrium	89-1	5289229	6017766	5034037	5447011	9.37	cps
Yttrium	89-2	600464	627864	610334	612887	2.26	cps
Zinc	66-2	467	403	420	430	7.64	cps
Zirconium	90-1	4868	5284	5109	5087	4.11	cps
Zirconium	91-1	1092	1183	1275	1183	7.75	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:51:12	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	29967	29799	29608	29791	0.60	cps
Antimony	121-1	128779	131103	126308	128730	1.86	cps
Arsenic	75-2	4947	4628	4698	4758	3.53	cps
Barium	135-1	136066	131585	129934	132529	2.39	cps
Barium	137-1	228824	236704	228270	231266	2.04	cps
Beryllium	9-1	102804	103975	99964	102248	2.02	cps
Bismuth	209-1	2098680	2052974	2086790	2079481	1.14	cps
Bismuth	209-2	1159251	1133863	1142239	1145118	1.13	cps
Boron	10-1	15983	17325	17351	16886	4.63	cps
Boron	11-1	70140	74221	76720	73694	4.51	cps
Bromine	81-1	31137	31207	31007	31117	0.33	cps
Cadmium	111-1	37131	37487	36058	36892	2.02	cps
Cadmium	106-1	6819	6702	6377	6632	3.45	cps
Cadmium	108-1	3192	3480	3134	3268	5.67	cps
Calcium	43-1	60246	61317	59817	60460	1.28	cps
Calcium	44-1	969937	960928	932888	954584	2.02	cps
Carbon	12-1	6868129	7018321	6881526	6922659	1.20	cps
Carbon	12-2	73358	71558	70160	71692	2.24	cps
Chlorine	35-1	179949	175774	175858	177194	1.35	cps
Chlorine	35-2	1192	1000	925	1039	13.24	cps
Chromium	52-2	42229	42072	41142	41814	1.40	cps
Cobalt	59-2	74991	75057	72226	74091	2.18	cps
Copper	63-2	606125	589766	571590	589161	2.93	cps
Dysprosium	156-1	33	8	17	19	65.47	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	42	8	17	22	78.07	cps
Erbium	164-2	0	7	3	3	100.05	cps
Gadolinium	160-1	0	58	58	39	86.60	cps
Gadolinium	160-2	77	43	60	60	27.78	cps
Holmium	165-1	3422630	3551289	3452837	3475585	1.94	cps
Holmium	165-2	1715210	1666707	1649260	1677059	2.04	cps
Indium	115-1	3253784	3333279	3378433	3321832	1.90	cps
Indium	115-2	515169	500731	505750	507216	1.45	cps
Iron	54-2	99501	98000	97427	98309	1.09	cps
Iron	56-2	1867435	1846301	1792552	1835429	2.10	cps
Iron	57-2	43929	43985	43172	43695	1.04	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:51:12	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	370	375	341	362	5.03	cps
Lead	206-1	402389	392333	380837	391853	2.75	cps
Lead	207-1	348243	343710	340942	344298	1.07	cps
Lead	208-1	1585123	1578914	1537154	1567064	1.66	cps
Lithium	6-1	3124966	3175307	3120918	3140397	0.96	cps
Magnesium	24-2	427602	425624	416291	423172	1.43	cps
Manganese	55-2	221204	219138	214590	218311	1.55	cps
Molybdenum	94-1	527093	543174	521753	530673	2.10	cps
Molybdenum	95-1	766197	783761	752064	767341	2.07	cps
Molybdenum	96-1	823798	848533	812752	828361	2.21	cps
Molybdenum	97-1	478160	467158	460291	468536	1.92	cps
Molybdenum	98-1	1211638	1213645	1181398	1202227	1.50	cps
Neodymium	150-1	7	27	33	22	62.43	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	21042	20849	19774	20555	3.32	cps
Phosphorus	31-2	2317	2450	2209	2325	5.21	cps
Potassium	39-2	156603	154979	153501	155028	1.00	cps
Rhodium	103-1	3537960	3493665	3490995	3507540	0.75	cps
Rhodium	103-2	1510873	1458986	1445492	1471784	2.35	cps
Scandium	45-1	3152421	3031708	3033027	3072385	2.26	cps
Scandium	45-2	92205	91480	92171	91952	0.44	cps
Selenium	82-1	4195	4166	4094	4152	1.26	cps
Selenium	77-2	77	120	160	119	35.05	cps
Selenium	78-2	445	436	454	445	2.02	cps
Silicon	28-1	1776850	1800207	1789752	1788937	0.65	cps
Silver	107-1	197670	202429	194085	198062	2.11	cps
Silver	109-1	190284	185884	183030	186399	1.96	cps
Sodium	23-2	769715	765823	745236	760258	1.73	cps
Strontium	86-1	1172828	1181505	1132710	1162348	2.24	cps
Strontium	88-1	10131591	10123111	9877230	10043977	1.44	cps
Sulfur	34-1	539249	538119	539769	539046	0.16	cps
Terbium	159-1	3551207	3761725	3662613	3658515	2.88	cps
Terbium	159-2	1698362	1734936	1685192	1706164	1.51	cps
Thallium	203-1	91625	92583	88386	90865	2.42	cps
Thallium	205-1	222747	214818	215599	217721	2.01	cps
Tin	118-1	104735	105112	105518	105122	0.37	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:51:12	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	282986	275870	270858	276571	2.20	cps
Uranium	238-1	285998	280948	271071	279339	2.72	cps
Vanadium	51-2	33168	31983	32951	32701	1.93	cps
Ytterbium	172-1	8	8	33	17	86.62	cps
Ytterbium	172-2	11	11	22	15	43.30	cps
Ytterbium	176-1	1100	975	1008	1028	6.30	cps
Ytterbium	176-2	4473	4701	4979	4718	5.37	cps
Yttrium	89-1	5954445	6007026	5960859	5974110	0.48	cps
Yttrium	89-2	629224	605284	613458	615989	1.98	cps
Zinc	66-2	77719	74381	73959	75353	2.73	cps
Zirconium	90-1	263367	266561	250092	260006	3.36	cps
Zirconium	91-1	58758	57972	57763	58164	0.90	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:54:21	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	72269	70431	69652	70784	1.90	cps
Antimony	121-1	326445	325099	321898	324480	0.72	cps
Arsenic	75-2	11841	11654	11128	11541	3.20	cps
Barium	135-1	346215	333871	335888	338658	1.96	cps
Barium	137-1	588710	579567	573363	580547	1.33	cps
Beryllium	9-1	255346	255067	251659	254024	0.81	cps
Bismuth	209-1	2068953	2095104	2142148	2102068	1.76	cps
Bismuth	209-2	1148994	1123267	1115541	1129267	1.55	cps
Boron	10-1	41015	43245	43229	42496	3.02	cps
Boron	11-1	177846	190171	188823	185613	3.64	cps
Bromine	81-1	31046	30355	29813	30405	2.03	cps
Cadmium	111-1	92678	92468	91612	92252	0.61	cps
Cadmium	106-1	13657	13465	12481	13201	4.78	cps
Cadmium	108-1	7932	7923	7998	7951	0.52	cps
Calcium	43-1	150661	149895	148984	149847	0.56	cps
Calcium	44-1	2471187	2398335	2423846	2431123	1.52	cps
Carbon	12-1	6978845	6978024	7072389	7009753	0.77	cps
Carbon	12-2	74916	72738	73275	73643	1.54	cps
Chlorine	35-1	175311	171837	174905	174018	1.09	cps
Chlorine	35-2	1000	1033	975	1003	2.92	cps
Chromium	52-2	101790	102962	98638	101130	2.21	cps
Cobalt	59-2	186146	177324	175697	179722	3.13	cps
Copper	63-2	1539428	1510001	1394126	1481185	5.19	cps
Dysprosium	156-1	8	33	8	17	86.62	cps
Dysprosium	156-2	13	3	7	8	65.47	cps
Erbium	164-1	8	17	42	22	78.07	cps
Erbium	164-2	10	3	7	7	50.03	cps
Gadolinium	160-1	17	33	58	36	58.07	cps
Gadolinium	160-2	50	67	40	52	25.80	cps
Holmium	165-1	3445403	3589382	3683945	3572910	3.36	cps
Holmium	165-2	1656510	1637551	1602690	1632250	1.67	cps
Indium	115-1	3378245	3380910	3376889	3378681	0.06	cps
Indium	115-2	498783	500711	501387	500294	0.27	cps
Iron	54-2	250049	237723	231479	239750	3.94	cps
Iron	56-2	4486018	4449422	4429048	4454829	0.65	cps
Iron	57-2	108299	104655	104581	105845	2.01	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:54:21	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	355	366	361	361	1.56	cps
Lead	206-1	1004360	977799	979870	987343	1.50	cps
Lead	207-1	872488	884790	882227	879835	0.74	cps
Lead	208-1	4169878	4110854	4147481	4142738	0.72	cps
Lithium	6-1	3144894	3164217	3140783	3149964	0.40	cps
Magnesium	24-2	1062637	1019409	1011102	1031049	2.68	cps
Manganese	55-2	537188	522594	516153	525312	2.05	cps
Molybdenum	94-1	1325663	1359805	1351771	1345746	1.33	cps
Molybdenum	95-1	1961171	1975853	1959017	1965347	0.47	cps
Molybdenum	96-1	2127093	2143844	2170347	2147095	1.02	cps
Molybdenum	97-1	1197591	1215438	1186190	1199740	1.23	cps
Molybdenum	98-1	3228092	3205659	3032643	3155465	3.39	cps
Neodymium	150-1	27	47	7	27	74.99	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	52172	50613	50088	50958	2.13	cps
Phosphorus	31-2	5701	5593	5334	5543	3.40	cps
Potassium	39-2	335807	332804	321711	330107	2.25	cps
Rhodium	103-1	3480349	3527588	3525637	3511191	0.76	cps
Rhodium	103-2	1461082	1457750	1429395	1449409	1.20	cps
Scandium	45-1	3052241	3035301	3039146	3042229	0.29	cps
Scandium	45-2	91692	89483	88083	89753	2.03	cps
Selenium	82-1	10547	10553	10433	10511	0.64	cps
Selenium	77-2	287	327	260	291	11.53	cps
Selenium	78-2	1058	1030	971	1020	4.36	cps
Silicon	28-1	2672255	2702343	2660302	2678300	0.81	cps
Silver	107-1	490629	493536	485160	489775	0.87	cps
Silver	109-1	464289	473298	473077	470221	1.09	cps
Sodium	23-2	1939119	1823193	1849095	1870469	3.25	cps
Strontium	86-1	2906360	3054056	2961415	2973944	2.51	cps
Strontium	88-1	25295105	25840182	25628616	25587968	1.07	cps
Sulfur	34-1	584647	591298	578774	584907	1.07	cps
Terbium	159-1	3726113	3670592	3774998	3723901	1.40	cps
Terbium	159-2	1662022	1649286	1673762	1661690	0.74	cps
Thallium	203-1	232567	237226	230686	233493	1.44	cps
Thallium	205-1	562436	550133	547031	553200	1.47	cps
Tin	118-1	272152	270604	265921	269559	1.20	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:54:21	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	697788	692716	672844	687782	1.92	cps
Uranium	238-1	732857	705059	707609	715175	2.15	cps
Vanadium	51-2	83288	80093	78280	80554	3.15	cps
Ytterbium	172-1	17	33	25	25	33.32	cps
Ytterbium	172-2	6	6	11	7	43.24	cps
Ytterbium	176-1	1533	1683	1550	1589	5.17	cps
Ytterbium	176-2	4712	4918	4957	4862	2.70	cps
Yttrium	89-1	5805106	5828197	6094031	5909111	2.72	cps
Yttrium	89-2	593577	604515	601669	599920	0.95	cps
Zinc	66-2	186566	178754	178950	181423	2.46	cps
Zirconium	90-1	661516	655612	643113	653413	1.44	cps
Zirconium	91-1	149682	146159	145543	147128	1.52	cps

LB Number : LB123342 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired : 2022-12-16 14:57:31 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	145067	142556	140864	142829	1.48	cps
Antimony	121-1	650821	647252	635186	644420	1.27	cps
Arsenic	75-2	23879	23424	23132	23478	1.60	cps
Barium	135-1	672361	678092	674160	674871	0.43	cps
Barium	137-1	1190710	1172459	1167901	1177023	1.03	cps
Beryllium	9-1	489948	494365	493297	492537	0.47	cps
Bismuth	209-1	2162552	2105553	2107712	2125273	1.52	cps
Bismuth	209-2	1138362	1129032	1124634	1130676	0.62	cps
Boron	10-1	77401	84200	84973	82191	5.07	cps
Boron	11-1	351455	368961	371176	363864	2.97	cps
Bromine	81-1	28419	30194	28589	29067	3.37	cps
Cadmium	111-1	184778	182466	180258	182500	1.24	cps
Cadmium	106-1	24147	24823	23045	24005	3.74	cps
Cadmium	108-1	15717	15788	15079	15528	2.52	cps
Calcium	43-1	298061	296201	291667	295310	1.11	cps
Calcium	44-1	4626638	4695908	4725072	4682540	1.08	cps
Carbon	12-1	7035801	6850803	7022128	6969577	1.48	cps
Carbon	12-2	75729	74623	73969	74774	1.19	cps
Chlorine	35-1	182205	177901	178625	179577	1.28	cps
Chlorine	35-2	1108	1225	1083	1139	6.64	cps
Chromium	52-2	209032	206618	203053	206235	1.46	cps
Cobalt	59-2	362261	361144	356676	360027	0.82	cps
Copper	63-2	3106613	2940416	2937323	2994784	3.23	cps
Dysprosium	156-1	67	8	75	50	72.65	cps
Dysprosium	156-2	17	37	10	21	65.74	cps
Erbium	164-1	50	33	33	39	24.75	cps
Erbium	164-2	7	7	0	4	86.60	cps
Gadolinium	160-1	42	33	58	44	28.64	cps
Gadolinium	160-2	77	57	60	64	16.63	cps
Holmium	165-1	3713771	3634637	3537886	3628765	2.43	cps
Holmium	165-2	1703683	1646244	1645282	1665070	2.01	cps
Indium	115-1	3397637	3325025	3490547	3404403	2.44	cps
Indium	115-2	500582	498471	491295	496782	0.98	cps
Iron	54-2	485192	482773	474914	480960	1.12	cps
Iron	56-2	8989851	8911638	8735145	8878878	1.47	cps
Iron	57-2	213480	214766	214292	214179	0.30	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:57:31	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	354	376	370	367	3.17	cps
Lead	206-1	2139282	2187916	2073370	2133523	2.69	cps
Lead	207-1	1894280	1958467	1837147	1896631	3.20	cps
Lead	208-1	8668132	8597511	8389050	8551564	1.70	cps
Lithium	6-1	3085986	3080071	3088835	3084964	0.14	cps
Magnesium	24-2	2105724	2087612	1995586	2062974	2.86	cps
Manganese	55-2	1077969	1070245	1051687	1066634	1.27	cps
Molybdenum	94-1	2788145	2665146	2577784	2677025	3.95	cps
Molybdenum	95-1	3958988	3832874	3826365	3872742	1.93	cps
Molybdenum	96-1	4211109	4353347	4280819	4281758	1.66	cps
Molybdenum	97-1	2331589	2412706	2377766	2374020	1.71	cps
Molybdenum	98-1	6197839	6221182	6010739	6143253	1.88	cps
Neodymium	150-1	80	73	13	56	66.10	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	101355	101677	98905	100646	1.51	cps
Phosphorus	31-2	10771	10938	10321	10676	2.99	cps
Potassium	39-2	642277	638154	640111	640181	0.32	cps
Rhodium	103-1	3416165	3452998	3486425	3451862	1.02	cps
Rhodium	103-2	1441405	1432884	1525446	1466578	3.49	cps
Scandium	45-1	2975892	3036452	3008958	3007100	1.01	cps
Scandium	45-2	88437	89189	90704	89443	1.29	cps
Selenium	82-1	20244	20380	20643	20422	0.99	cps
Selenium	77-2	573	560	570	568	1.22	cps
Selenium	78-2	2115	2017	2008	2047	2.90	cps
Silicon	28-1	3872484	3952382	3894613	3906493	1.06	cps
Silver	107-1	966247	977739	941718	961901	1.91	cps
Silver	109-1	935124	920478	909053	921552	1.42	cps
Sodium	23-2	3685210	3614313	3551477	3617000	1.85	cps
Strontium	86-1	5888891	5756439	5571796	5739042	2.78	cps
Strontium	88-1	49833306	49678310	50355406	49955674	0.71	cps
Sulfur	34-1	653660	653052	646499	651070	0.61	cps
Terbium	159-1	3847039	3676920	3757301	3760420	2.26	cps
Terbium	159-2	1626406	1680718	1617816	1641647	2.08	cps
Thallium	203-1	469441	470148	452616	464068	2.14	cps
Thallium	205-1	1133789	1108715	1093549	1112018	1.83	cps
Tin	118-1	536404	532297	535406	534703	0.40	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 14:57:31	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1338017	1364247	1384023	1362096	1.69	cps
Uranium	238-1	1433034	1398632	1414276	1415314	1.22	cps
Vanadium	51-2	163281	159201	158951	160478	1.51	cps
Ytterbium	172-1	25	50	8	28	75.51	cps
Ytterbium	172-2	11	11	17	13	24.76	cps
Ytterbium	176-1	2684	2684	2800	2723	2.47	cps
Ytterbium	176-2	5373	5579	5607	5520	2.31	cps
Yttrium	89-1	6011960	5916403	5722279	5883547	2.51	cps
Yttrium	89-2	600651	587002	597756	595136	1.21	cps
Zinc	66-2	377336	363684	360727	367249	2.41	cps
Zirconium	90-1	1323417	1327583	1283196	1311398	1.87	cps
Zirconium	91-1	300738	287440	282481	290220	3.25	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:00:37	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	285061	278487	270757	278102	2.57	cps
Antimony	121-1	1312563	1311466	1307797	1310609	0.19	cps
Arsenic	75-2	46584	45147	44688	45473	2.18	cps
Barium	135-1	1355466	1365698	1374954	1365373	0.71	cps
Barium	137-1	2468495	2423676	2351865	2414679	2.44	cps
Beryllium	9-1	972318	950836	954714	959289	1.19	cps
Bismuth	209-1	2025923	2270308	2116017	2137416	5.78	cps
Bismuth	209-2	1126850	1148147	1113270	1129423	1.56	cps
Boron	10-1	155493	167175	169134	163934	4.50	cps
Boron	11-1	687815	708265	745940	714007	4.13	cps
Bromine	81-1	28990	28378	28839	28736	1.11	cps
Cadmium	111-1	359387	350638	358691	356239	1.36	cps
Cadmium	106-1	45651	44297	47031	45660	2.99	cps
Cadmium	108-1	30409	31206	30459	30691	1.46	cps
Calcium	43-1	594181	593337	582568	590029	1.10	cps
Calcium	44-1	9145365	9153925	9083428	9127573	0.42	cps
Carbon	12-1	7226225	7153179	7265798	7215067	0.79	cps
Carbon	12-2	74767	75368	73342	74492	1.40	cps
Chlorine	35-1	186134	181856	182211	183400	1.29	cps
Chlorine	35-2	992	1000	1133	1042	7.63	cps
Chromium	52-2	408692	397555	396921	401056	1.65	cps
Cobalt	59-2	720270	715694	695166	710377	1.88	cps
Copper	63-2	5870876	5649511	5757431	5759272	1.92	cps
Dysprosium	156-1	125	50	58	78	52.85	cps
Dysprosium	156-2	20	70	33	41	62.98	cps
Erbium	164-1	17	33	33	28	34.63	cps
Erbium	164-2	13	17	7	12	41.65	cps
Gadolinium	160-1	92	83	33	69	45.44	cps
Gadolinium	160-2	103	97	77	92	15.05	cps
Holmium	165-1	3413188	3690637	3528335	3544054	3.93	cps
Holmium	165-2	1724146	1743757	1646576	1704826	3.01	cps
Indium	115-1	3280265	3497764	3444816	3407615	3.33	cps
Indium	115-2	483063	493177	484364	486868	1.13	cps
Iron	54-2	961885	923068	916989	933981	2.61	cps
Iron	56-2	17082347	17258197	16500370	16946971	2.34	cps
Iron	57-2	411593	420268	409396	413752	1.39	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:00:37	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	395	365	320	360	10.49	cps
Lead	206-1	4393144	4349267	4208736	4317049	2.23	cps
Lead	207-1	3897364	3784486	3722182	3801344	2.34	cps
Lead	208-1	17698613	17271647	16584132	17184797	3.27	cps
Lithium	6-1	2976946	3138394	3034769	3050036	2.68	cps
Magnesium	24-2	4082369	4047490	3898041	4009300	2.44	cps
Manganese	55-2	2141016	2143670	2177622	2154103	0.95	cps
Molybdenum	94-1	5306350	5192862	5406775	5301995	2.02	cps
Molybdenum	95-1	7878569	7751343	7539843	7723252	2.22	cps
Molybdenum	96-1	8546717	8529382	8240224	8438774	2.04	cps
Molybdenum	97-1	4773233	4775266	4742839	4763779	0.38	cps
Molybdenum	98-1	12255540	12232571	12384453	12290855	0.67	cps
Neodymium	150-1	93	80	133	102	27.15	cps
Neodymium	150-2	3	10	10	8	49.52	cps
Nickel	60-2	198917	197705	192303	196308	1.79	cps
Phosphorus	31-2	20999	20849	20982	20943	0.39	cps
Potassium	39-2	1290176	1242097	1247615	1259963	2.09	cps
Rhodium	103-1	3267223	3632371	3548076	3482557	5.49	cps
Rhodium	103-2	1486026	1460061	1407624	1451237	2.75	cps
Scandium	45-1	2779322	3160378	2959598	2966433	6.43	cps
Scandium	45-2	88072	89091	88732	88632	0.58	cps
Selenium	82-1	40962	40414	39605	40327	1.69	cps
Selenium	77-2	1197	1097	1097	1130	5.11	cps
Selenium	78-2	3825	3738	3594	3719	3.14	cps
Silicon	28-1	6844838	6782466	6788957	6805420	0.50	cps
Silver	107-1	2065451	1970374	1997730	2011185	2.43	cps
Silver	109-1	1898316	1846638	1880192	1875049	1.40	cps
Sodium	23-2	7099874	7160916	6819035	7026608	2.59	cps
Strontium	86-1	11739476	11502133	11631608	11624406	1.02	cps
Strontium	88-1	103005194	99533942	97553386	100030840	2.76	cps
Sulfur	34-1	792374	791405	780525	788101	0.83	cps
Terbium	159-1	3638642	4035906	3862379	3845642	5.18	cps
Terbium	159-2	1735039	1732164	1673618	1713607	2.02	cps
Thallium	203-1	985044	932475	926673	948064	3.39	cps
Thallium	205-1	2467887	2366566	2308253	2380902	3.39	cps
Tin	118-1	1083046	1060251	1078159	1073819	1.12	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:00:37	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2625365	2643595	2689900	2652953	1.25	cps
Uranium	238-1	3140115	2996052	3012626	3049597	2.58	cps
Vanadium	51-2	321947	318237	313139	317774	1.39	cps
Ytterbium	172-1	33	83	33	50	57.75	cps
Ytterbium	172-2	39	11	22	24	58.08	cps
Ytterbium	176-1	4751	4968	4709	4809	2.88	cps
Ytterbium	176-2	6329	6691	6941	6654	4.62	cps
Yttrium	89-1	5742624	6485174	5702345	5976714	7.38	cps
Yttrium	89-2	603972	597875	599524	600457	0.53	cps
Zinc	66-2	704896	697034	684044	695324	1.51	cps
Zirconium	90-1	2624193	2727691	2615957	2655947	2.34	cps
Zirconium	91-1	576546	574423	578175	576381	0.33	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:03:46	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	557305	547413	540414	548377	1.55	cps
Antimony	121-1	2702668	2781597	2715110	2733125	1.55	cps
Arsenic	75-2	91514	90198	88848	90187	1.48	cps
Barium	135-1	2869705	2839461	2874984	2861383	0.67	cps
Barium	137-1	4865126	4819555	4832588	4839090	0.49	cps
Beryllium	9-1	1889474	1871709	1805547	1855576	2.38	cps
Bismuth	209-1	2137774	2109763	2141110	2129549	0.81	cps
Bismuth	209-2	1149106	1127867	1127898	1134957	1.08	cps
Boron	10-1	316614	327891	330625	325043	2.28	cps
Boron	11-1	1267598	1313292	1376839	1319243	4.16	cps
Bromine	81-1	28328	28949	26803	28027	3.94	cps
Cadmium	111-1	711581	705428	705194	707401	0.51	cps
Cadmium	106-1	89064	91286	89255	89868	1.37	cps
Cadmium	108-1	61261	61265	59574	60700	1.61	cps
Calcium	43-1	1217829	1252316	1201171	1223772	2.13	cps
Calcium	44-1	18729538	18651031	19103658	18828075	1.28	cps
Carbon	12-1	7294642	7514122	7427394	7412052	1.49	cps
Carbon	12-2	78184	77060	78778	78007	1.12	cps
Chlorine	35-1	187368	188928	186236	187511	0.72	cps
Chlorine	35-2	1175	1058	1208	1147	6.87	cps
Chromium	52-2	825380	818866	783258	809168	2.80	cps
Cobalt	59-2	1478239	1464575	1412640	1451818	2.38	cps
Copper	63-2	11403762	11546675	11177479	11375972	1.64	cps
Dysprosium	156-1	142	150	142	144	3.33	cps
Dysprosium	156-2	67	60	83	70	17.17	cps
Erbium	164-1	50	33	25	36	35.25	cps
Erbium	164-2	17	10	13	13	25.01	cps
Gadolinium	160-1	142	108	175	142	23.53	cps
Gadolinium	160-2	80	83	73	79	6.45	cps
Holmium	165-1	3661299	3763386	3703950	3709545	1.38	cps
Holmium	165-2	1710355	1649941	1754237	1704845	3.07	cps
Indium	115-1	3344552	3349275	3482655	3392161	2.31	cps
Indium	115-2	495133	490572	482090	489265	1.35	cps
Iron	54-2	1938314	1915455	1915904	1923224	0.68	cps
Iron	56-2	34204992	34807149	33560315	34190819	1.82	cps
Iron	57-2	832456	829351	824334	828714	0.49	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:03:46	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	396	347	341	362	8.33	cps
Lead	206-1	8692852	8789288	8529747	8670629	1.51	cps
Lead	207-1	7818857	7523801	7625087	7655915	1.96	cps
Lead	208-1	35085310	34618657	34476323	34726763	0.92	cps
Lithium	6-1	3089795	3051368	2980609	3040590	1.82	cps
Magnesium	24-2	7831175	7829180	7743856	7801403	0.64	cps
Manganese	55-2	4272206	4280800	4158676	4237227	1.61	cps
Molybdenum	94-1	10778948	10997959	10494560	10757156	2.35	cps
Molybdenum	95-1	14912265	15903486	15582644	15466132	3.27	cps
Molybdenum	96-1	16959782	17078076	16557319	16865059	1.62	cps
Molybdenum	97-1	9757262	9531150	9246775	9511729	2.69	cps
Molybdenum	98-1	25048646	24902481	24306031	24752386	1.59	cps
Neodymium	150-1	187	313	193	231	30.84	cps
Neodymium	150-2	13	7	7	9	43.25	cps
Nickel	60-2	394971	386473	381223	387556	1.79	cps
Phosphorus	31-2	39764	41034	40273	40357	1.58	cps
Potassium	39-2	2500246	2483984	2500672	2494968	0.38	cps
Rhodium	103-1	3489146	3572876	3449010	3503677	1.80	cps
Rhodium	103-2	1421339	1418720	1447418	1429159	1.11	cps
Scandium	45-1	3039146	3109166	2958349	3035554	2.49	cps
Scandium	45-2	90242	90496	91221	90653	0.56	cps
Selenium	82-1	80461	78951	78899	79437	1.12	cps
Selenium	77-2	2164	2160	2117	2147	1.21	cps
Selenium	78-2	7499	7305	7280	7361	1.63	cps
Silicon	28-1	11891457	11999675	11768609	11886580	0.97	cps
Silver	107-1	3926617	3996209	3935348	3952725	0.96	cps
Silver	109-1	3706191	3744675	3603579	3684815	1.98	cps
Sodium	23-2	14366160	14079151	14096959	14180757	1.13	cps
Strontium	86-1	23933585	23064964	23548940	23515830	1.85	cps
Strontium	88-1	201731775	204474488	209035488	205080584	1.80	cps
Sulfur	34-1	929665	954211	924120	935999	1.71	cps
Terbium	159-1	3921835	3855978	3968490	3915434	1.44	cps
Terbium	159-2	1746762	1658967	1710776	1705502	2.59	cps
Thallium	203-1	2032928	2063224	2046828	2047660	0.74	cps
Thallium	205-1	4874005	4875615	4698201	4815940	2.12	cps
Tin	118-1	2301218	2261380	2226348	2262982	1.66	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:03:46	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5405111	5547022	5322318	5424817	2.09	cps
Uranium	238-1	6268538	6212024	6074208	6184923	1.62	cps
Vanadium	51-2	653544	644889	634432	644288	1.49	cps
Ytterbium	172-1	75	42	50	56	31.22	cps
Ytterbium	172-2	33	22	11	22	50.00	cps
Ytterbium	176-1	9345	9762	9103	9404	3.54	cps
Ytterbium	176-2	7941	8114	8242	8099	1.86	cps
Yttrium	89-1	5779070	6148963	6054114	5994049	3.21	cps
Yttrium	89-2	606498	600957	600872	602776	0.53	cps
Zinc	66-2	1378026	1332019	1322881	1344309	2.20	cps
Zirconium	90-1	5217250	5215745	5277020	5236672	0.67	cps
Zirconium	91-1	1170625	1170763	1175520	1172302	0.24	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:06:52	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2923145	2771509	2723294	2805983	3.72	cps
Antimony	121-1	1775	1725	2000	1834	7.99	cps
Arsenic	75-2	35	41	24	33	25.87	cps
Barium	135-1	1700	1809	1742	1750	3.12	cps
Barium	137-1	2759	2859	2809	2809	1.78	cps
Beryllium	9-1	339	414	304	352	15.96	cps
Bismuth	209-1	2015434	1934422	1968515	1972791	2.06	cps
Bismuth	209-2	1081034	1062315	1066933	1070094	0.91	cps
Boron	10-1	28466	25882	23232	25860	10.12	cps
Boron	11-1	123467	112773	102159	112800	9.44	cps
Bromine	81-1	27134	27134	26232	26833	1.94	cps
Cadmium	111-1	468	483	515	489	4.88	cps
Cadmium	106-1	2117	1884	1809	1936	8.31	cps
Cadmium	108-1	8	38	17	21	72.12	cps
Calcium	43-1	5436721	5462168	5523719	5474203	0.82	cps
Calcium	44-1	89892561	91214541	87395353	89500818	2.17	cps
Carbon	12-1	7210257	7082907	7173604	7155589	0.92	cps
Carbon	12-2	76860	77236	77127	77074	0.25	cps
Chlorine	35-1	177210	175521	176558	176430	0.48	cps
Chlorine	35-2	933	1000	1008	981	4.19	cps
Chromium	52-2	5614	5768	5628	5670	1.50	cps
Cobalt	59-2	1367	1467	1357	1397	4.36	cps
Copper	63-2	3644	3624	3707	3658	1.19	cps
Dysprosium	156-1	492	392	508	464	13.60	cps
Dysprosium	156-2	200	220	233	218	7.71	cps
Erbium	164-1	17	17	17	17	0.00	cps
Erbium	164-2	30	13	13	19	50.96	cps
Gadolinium	160-1	592	483	583	553	10.91	cps
Gadolinium	160-2	363	307	300	323	10.76	cps
Holmium	165-1	3697366	3659074	3690890	3682443	0.56	cps
Holmium	165-2	1680851	1712204	1671855	1688304	1.25	cps
Indium	115-1	3318535	3292568	3338606	3316570	0.70	cps
Indium	115-2	486803	492332	491011	490049	0.59	cps
Iron	54-2	9514672	9308077	9427350	9416700	1.10	cps
Iron	56-2	170152870	168948959	169895632	169665820	0.37	cps
Iron	57-2	4248093	4283887	4193346	4241775	1.08	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:06:52	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	375	389	376	380	2.00	cps
Lead	206-1	2211	2395	2161	2256	5.45	cps
Lead	207-1	1878	2111	1800	1930	8.39	cps
Lead	208-1	8590	9435	8557	8861	5.62	cps
Lithium	6-1	2829344	2833883	2827435	2830221	0.12	cps
Magnesium	24-2	39533695	39299688	38709827	39181070	1.08	cps
Manganese	55-2	4411	4751	4371	4511	4.63	cps
Molybdenum	94-1	3059	3250	3217	3175	3.23	cps
Molybdenum	95-1	4192	4684	4609	4495	5.89	cps
Molybdenum	96-1	8870	8778	8453	8700	2.52	cps
Molybdenum	97-1	2517	2600	2609	2575	1.97	cps
Molybdenum	98-1	6302	6327	6243	6291	0.68	cps
Neodymium	150-1	33	27	20	27	24.99	cps
Neodymium	150-2	7	13	17	12	41.65	cps
Nickel	60-2	1130	1153	1223	1169	4.16	cps
Phosphorus	31-2	208	258	275	247	14.03	cps
Potassium	39-2	12953414	12246753	12432309	12544159	2.92	cps
Rhodium	103-1	3309961	3314121	3323004	3315695	0.20	cps
Rhodium	103-2	1341842	1369805	1357999	1356549	1.03	cps
Scandium	45-1	2911122	2958924	2996818	2955621	1.45	cps
Scandium	45-2	87716	86422	86250	86796	0.92	cps
Selenium	82-1	60	60	102	74	33.09	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	53	35	45	44	20.35	cps
Silicon	28-1	1325120	1306388	1283971	1305160	1.58	cps
Silver	107-1	1925	1592	1959	1825	11.11	cps
Silver	109-1	1875	1650	1750	1758	6.41	cps
Sodium	23-2	71049847	72132187	70994543	71392193	0.90	cps
Strontium	86-1	7702	7235	6935	7291	5.30	cps
Strontium	88-1	57411	63022	59345	59926	4.76	cps
Sulfur	34-1	437420	436687	440172	438093	0.42	cps
Terbium	159-1	3745134	3767999	3826549	3779894	1.11	cps
Terbium	159-2	1673771	1696127	1704396	1691431	0.94	cps
Thallium	203-1	650	658	608	639	4.19	cps
Thallium	205-1	1308	1500	1533	1447	8.39	cps
Tin	118-1	2484	2642	2492	2539	3.51	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:06:52	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1333	1458	1175	1322	10.74	cps
Uranium	238-1	492	367	475	444	15.27	cps
Vanadium	51-2	223	187	160	190	16.74	cps
Ytterbium	172-1	183	167	200	183	9.09	cps
Ytterbium	172-2	94	89	83	89	6.25	cps
Ytterbium	176-1	633	708	675	672	5.59	cps
Ytterbium	176-2	4662	4568	4740	4656	1.85	cps
Yttrium	89-1	5887292	5895186	5975217	5919232	0.82	cps
Yttrium	89-2	590038	603157	593660	595618	1.14	cps
Zinc	66-2	1177	1043	993	1071	8.85	cps
Zirconium	90-1	1708	1417	1367	1497	12.33	cps
Zirconium	91-1	383	342	267	331	17.89	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	ICV03	Instrumnet Name :	P8
Client Sample ID :	ICV03	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:41:08	DataFile Name :	016ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14706	14490	14241	14479	1.60	cps
Antimony	121-1	537481	537467	532723	535890	0.51	cps
Arsenic	75-2	20058	19604	19161	19608	2.29	cps
Barium	135-1	55566	56645	54436	55549	1.99	cps
Barium	137-1	94633	96514	96561	95903	1.15	cps
Beryllium	9-1	198025	198384	193358	196589	1.43	cps
Bismuth	209-1	2103689	2018469	2125261	2082473	2.71	cps
Bismuth	209-2	1182265	1183246	1180033	1181848	0.14	cps
Boron	10-1	172528	174217	168477	171741	1.72	cps
Boron	11-1	754352	773137	751836	759775	1.53	cps
Bromine	81-1	28318	29612	29843	29258	2.81	cps
Cadmium	111-1	77219	78229	75115	76855	2.07	cps
Cadmium	106-1	18538	18029	18062	18210	1.56	cps
Cadmium	108-1	10079	10050	10316	10148	1.44	cps
Calcium	43-1	24793	24851	24371	24672	1.06	cps
Calcium	44-1	400992	403128	397316	400478	0.73	cps
Carbon	12-1	7097833	7250327	7141921	7163360	1.10	cps
Carbon	12-2	73475	74464	74992	74310	1.04	cps
Chlorine	35-1	202011	205982	200356	202783	1.43	cps
Chlorine	35-2	1200	1133	1225	1186	4.00	cps
Chromium	52-2	83611	84156	80998	82922	2.04	cps
Cobalt	59-2	152998	148760	145291	149016	2.59	cps
Copper	63-2	120319	114787	113115	116074	3.25	cps
Dysprosium	156-1	17	0	25	14	91.65	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	8	0	25	11	114.58	cps
Erbium	164-2	7	3	10	7	50.03	cps
Gadolinium	160-1	33	33	25	31	15.74	cps
Gadolinium	160-2	57	43	63	54	18.71	cps
Holmium	165-1	3574369	3530397	3772629	3625798	3.56	cps
Holmium	165-2	1716627	1733028	1718478	1722711	0.52	cps
Indium	115-1	3463620	3288551	3397138	3383103	2.61	cps
Indium	115-2	506759	505379	504631	505590	0.21	cps
Iron	54-2	81560	78515	75806	78627	3.66	cps
Iron	56-2	1396858	1414030	1353427	1388105	2.25	cps
Iron	57-2	34603	33590	33278	33824	2.05	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	ICV03	Instrumnet Name :	P8
Client Sample ID :	ICV03	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:41:08	DataFile Name :	016ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	366	365	364	365	0.34	cps
Lead	206-1	373417	369125	366843	369795	0.90	cps
Lead	207-1	311996	309983	303368	308449	1.46	cps
Lead	208-1	1448649	1442692	1427278	1439540	0.77	cps
Lithium	6-1	2972961	2877818	3068187	2972989	3.20	cps
Magnesium	24-2	95573	89903	91017	92165	3.26	cps
Manganese	55-2	44289	43520	42386	43398	2.20	cps
Molybdenum	94-1	4918000	4964277	4991024	4957767	0.75	cps
Molybdenum	95-1	7324396	7129909	7015411	7156572	2.18	cps
Molybdenum	96-1	7941200	7991210	7772539	7901650	1.45	cps
Molybdenum	97-1	4351882	4382037	4479320	4404413	1.51	cps
Molybdenum	98-1	11459612	11184632	11200551	11281598	1.37	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	44657	42681	43042	43460	2.42	cps
Phosphorus	31-2	217	108	158	161	33.65	cps
Potassium	39-2	124184	117529	115437	119050	3.84	cps
Rhodium	103-1	3439904	3418338	3615306	3491183	3.09	cps
Rhodium	103-2	1505945	1562115	1572457	1546839	2.31	cps
Scandium	45-1	3124323	2904610	3082710	3037214	3.84	cps
Scandium	45-2	91101	90876	89473	90484	0.97	cps
Selenium	82-1	17608	17669	17195	17491	1.47	cps
Selenium	77-2	550	533	543	542	1.55	cps
Selenium	78-2	1746	1643	1708	1699	3.07	cps
Silicon	28-1	2633430	2740969	2695723	2690041	2.01	cps
Silver	107-1	201702	204266	196637	200868	1.93	cps
Silver	109-1	186695	189684	181694	186024	2.17	cps
Sodium	23-2	313536	298125	296144	302601	3.15	cps
Strontium	86-1	439394	442664	426521	436193	1.96	cps
Strontium	88-1	3960177	3790998	3704682	3818619	3.40	cps
Sulfur	34-1	397942	396130	397161	397078	0.23	cps
Terbium	159-1	3803557	3738534	4000512	3847534	3.55	cps
Terbium	159-2	1750223	1748603	1758163	1752330	0.29	cps
Thallium	203-1	442630	437833	429650	436704	1.50	cps
Thallium	205-1	1079268	1045050	1039330	1054549	2.05	cps
Tin	118-1	1037533	1057657	1049176	1048122	0.96	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	ICV03	Instrumnet Name :	P8
Client Sample ID :	ICV03	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:41:08	DataFile Name :	016ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2493462	2478765	2440228	2470818	1.11	cps
Uranium	238-1	3051593	3287489	3155099	3164727	3.74	cps
Vanadium	51-2	65744	64723	63698	64721	1.58	cps
Ytterbium	172-1	50	25	17	31	56.77	cps
Ytterbium	172-2	6	17	0	7	114.54	cps
Ytterbium	176-1	3242	2642	2650	2845	12.10	cps
Ytterbium	176-2	5674	5635	5668	5659	0.37	cps
Yttrium	89-1	6080643	5734844	6110839	5975442	3.50	cps
Yttrium	89-2	615041	610006	614253	613100	0.44	cps
Zinc	66-2	29568	30009	29564	29713	0.86	cps
Zirconium	90-1	2582239	2608181	2579816	2590079	0.61	cps
Zirconium	91-1	569397	565576	554982	563318	1.33	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:46:47	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	645	610	615	623	3.04	cps
Antimony	121-1	5360	4801	5159	5107	5.54	cps
Arsenic	75-2	102	100	89	97	7.22	cps
Barium	135-1	5101	5101	5176	5126	0.85	cps
Barium	137-1	8953	9087	8578	8873	2.97	cps
Beryllium	9-1	2106	1965	1939	2003	4.50	cps
Bismuth	209-1	2147516	2180441	2141444	2156467	0.97	cps
Bismuth	209-2	1190503	1142422	1158693	1163873	2.10	cps
Boron	10-1	10404	10168	10288	10286	1.15	cps
Boron	11-1	44725	45286	45776	45262	1.16	cps
Bromine	81-1	30575	29361	29983	29973	2.02	cps
Cadmium	111-1	912	874	937	907	3.49	cps
Cadmium	106-1	1842	1942	2050	1945	5.36	cps
Cadmium	108-1	50	71	92	71	29.41	cps
Calcium	43-1	5408	5430	5127	5322	3.18	cps
Calcium	44-1	101293	100629	97120	99681	2.25	cps
Carbon	12-1	6399432	6272318	6450979	6374243	1.44	cps
Carbon	12-2	65472	67463	64291	65742	2.44	cps
Chlorine	35-1	148489	149727	144676	147630	1.78	cps
Chlorine	35-2	925	767	908	867	10.04	cps
Chromium	52-2	1860	1860	1823	1848	1.15	cps
Cobalt	59-2	1493	1513	1563	1523	2.37	cps
Copper	63-2	2980	2904	2694	2859	5.19	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	58	25	17	33	66.13	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	0	25	33	19	89.21	cps
Gadolinium	160-2	47	53	50	50	6.66	cps
Holmium	165-1	3749947	3618376	3588803	3652375	2.35	cps
Holmium	165-2	1713075	1706469	1692971	1704172	0.60	cps
Indium	115-1	3392176	3509062	3442383	3447874	1.70	cps
Indium	115-2	520689	501605	502702	508332	2.11	cps
Iron	54-2	2267	2478	2261	2335	5.29	cps
Iron	56-2	34759	34119	33434	34104	1.94	cps
Iron	57-2	1195	1039	1139	1124	7.01	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:46:47	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	371	342	352	355	4.11	cps
Lead	206-1	1950	1834	1872	1885	3.15	cps
Lead	207-1	1689	1683	1417	1596	9.75	cps
Lead	208-1	7773	7329	6901	7334	5.95	cps
Lithium	6-1	3022384	3003708	3064254	3030115	1.02	cps
Magnesium	24-2	39471	38527	37666	38555	2.34	cps
Manganese	55-2	517	430	430	459	10.90	cps
Molybdenum	94-1	7219	6127	6443	6596	8.52	cps
Molybdenum	95-1	7927	7469	7661	7686	3.00	cps
Molybdenum	96-1	8820	8369	8553	8581	2.64	cps
Molybdenum	97-1	5209	4701	4643	4851	6.43	cps
Molybdenum	98-1	13399	12498	11555	12484	7.38	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	400	397	393	397	0.84	cps
Phosphorus	31-2	250	208	250	236	10.19	cps
Potassium	39-2	46642	45088	45539	45756	1.75	cps
Rhodium	103-1	3552440	3555829	3450927	3519732	1.69	cps
Rhodium	103-2	1587685	1455120	1520163	1520989	4.36	cps
Scandium	45-1	3030698	2972678	3007007	3003461	0.97	cps
Scandium	45-2	91171	89709	85648	88843	3.22	cps
Selenium	82-1	409	429	380	406	6.04	cps
Selenium	77-2	17	13	7	12	41.65	cps
Selenium	78-2	86	90	83	86	4.07	cps
Silicon	28-1	1189094	1189253	1207613	1195320	0.89	cps
Silver	107-1	4201	3542	3801	3848	8.62	cps
Silver	109-1	3826	3709	3692	3742	1.94	cps
Sodium	23-2	84739	83071	83245	83685	1.10	cps
Strontium	86-1	1650	1517	1425	1531	7.39	cps
Strontium	88-1	8153	8094	8186	8144	0.57	cps
Sulfur	34-1	412575	413479	414084	413380	0.18	cps
Terbium	159-1	3919206	3869360	3880420	3889662	0.67	cps
Terbium	159-2	1683949	1664063	1596762	1648258	2.77	cps
Thallium	203-1	1950	2042	1984	1992	2.33	cps
Thallium	205-1	4976	4959	4393	4776	6.96	cps
Tin	118-1	10780	10454	10438	10557	1.83	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 15:46:47	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3042	2825	2750	2873	5.27	cps
Uranium	238-1	6168	5276	5476	5640	8.30	cps
Vanadium	51-2	3204	2840	2800	2948	7.54	cps
Ytterbium	172-1	0	33	25	19	89.21	cps
Ytterbium	172-2	0	22	6	9	124.87	cps
Ytterbium	176-1	458	533	550	514	9.50	cps
Ytterbium	176-2	4367	4451	4584	4468	2.45	cps
Yttrium	89-1	6198469	6117073	5812984	6042842	3.36	cps
Yttrium	89-2	618636	606609	594654	606633	1.98	cps
Zinc	66-2	377	383	430	397	7.33	cps
Zirconium	90-1	5760	4893	5418	5357	8.15	cps
Zirconium	91-1	1333	1183	900	1139	19.32	cps

LB Number : LB123342 Operator : Jaswal
 Lab Sample ID : ICB03 Instrumnet Name : P8
 Client Sample ID : ICB03 Dilution Factor : 1
 Date & Time Acquired : 2022-12-16 16:03:21 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	66	55	63	10.94	cps
Antimony	121-1	50	17	58	42	52.91	cps
Arsenic	75-2	1	3	1	2	69.28	cps
Barium	135-1	0	8	25	11	114.58	cps
Barium	137-1	25	8	50	28	75.51	cps
Beryllium	9-1	42	57	42	47	18.24	cps
Bismuth	209-1	2113663	2052028	2037568	2067753	1.95	cps
Bismuth	209-2	1154338	1144919	1163153	1154136	0.79	cps
Boron	10-1	2664	2620	2404	2562	5.43	cps
Boron	11-1	11434	11196	10820	11150	2.78	cps
Bromine	81-1	30003	28338	27867	28736	3.91	cps
Cadmium	111-1	192	211	194	199	5.33	cps
Cadmium	106-1	1783	2050	2000	1945	7.29	cps
Cadmium	108-1	4	21	21	15	62.96	cps
Calcium	43-1	156	147	132	145	8.26	cps
Calcium	44-1	14289	14288	14405	14328	0.47	cps
Carbon	12-1	6778181	6591702	6520861	6630248	2.00	cps
Carbon	12-2	66242	68393	69021	67885	2.15	cps
Chlorine	35-1	159429	160130	158510	159356	0.51	cps
Chlorine	35-2	883	858	883	875	1.65	cps
Chromium	52-2	273	287	253	271	6.19	cps
Cobalt	59-2	80	47	110	79	40.16	cps
Copper	63-2	583	653	557	598	8.35	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	8	42	17	22	78.07	cps
Erbium	164-2	13	10	0	8	89.21	cps
Gadolinium	160-1	42	17	33	31	41.66	cps
Gadolinium	160-2	67	50	83	67	25.00	cps
Holmium	165-1	3579144	3542335	3571927	3564469	0.55	cps
Holmium	165-2	1679098	1664988	1660806	1668297	0.57	cps
Indium	115-1	3452116	3333089	3290870	3358692	2.49	cps
Indium	115-2	509751	492583	503493	501942	1.73	cps
Iron	54-2	578	494	483	519	9.96	cps
Iron	56-2	2200	2295	2061	2185	5.37	cps
Iron	57-2	239	283	217	246	13.78	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	ICB03	Instrumnet Name :	P8
Client Sample ID :	ICB03	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:03:21	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	352	350	344	349	1.29	cps
Lead	206-1	306	289	339	311	8.18	cps
Lead	207-1	289	272	200	254	18.62	cps
Lead	208-1	1228	1244	1245	1239	0.78	cps
Lithium	6-1	2949329	2996363	2939052	2961581	1.03	cps
Magnesium	24-2	233	233	233	233	0.00	cps
Manganese	55-2	17	30	17	21	36.45	cps
Molybdenum	94-1	133	117	108	119	10.66	cps
Molybdenum	95-1	50	33	50	44	21.66	cps
Molybdenum	96-1	67	142	150	119	38.42	cps
Molybdenum	97-1	67	42	33	47	36.74	cps
Molybdenum	98-1	108	50	75	78	37.63	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	43	47	60	50	17.64	cps
Phosphorus	31-2	150	183	225	186	20.19	cps
Potassium	39-2	23520	23011	21867	22799	3.71	cps
Rhodium	103-1	3358450	3502462	3665130	3508681	4.37	cps
Rhodium	103-2	1458065	1518726	1453160	1476650	2.47	cps
Scandium	45-1	2972973	2800795	3118387	2964051	5.36	cps
Scandium	45-2	87667	87793	89333	88264	1.05	cps
Selenium	82-1	16	-11	80	28	165.21	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	57	50	50	52	7.72	cps
Silicon	28-1	1173287	1168946	1161143	1167792	0.53	cps
Silver	107-1	92	125	83	100	22.04	cps
Silver	109-1	75	108	67	83	26.46	cps
Sodium	23-2	17427	17853	18370	17884	2.64	cps
Strontium	86-1	475	600	542	539	11.61	cps
Strontium	88-1	67	100	142	103	36.56	cps
Sulfur	34-1	447595	448013	449804	448471	0.26	cps
Terbium	159-1	3751480	3766313	3730682	3749492	0.48	cps
Terbium	159-2	1629492	1719351	1736209	1695017	3.38	cps
Thallium	203-1	117	133	150	133	12.50	cps
Thallium	205-1	417	325	308	350	16.67	cps
Tin	118-1	4495	5769	4897	5054	12.89	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	ICB03	Instrumnet Name :	P8
Client Sample ID :	ICB03	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:03:21	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	225	217	150	197	20.84	cps
Uranium	238-1	25	8	0	11	114.58	cps
Vanadium	51-2	7	3	0	3	100.05	cps
Ytterbium	172-1	17	17	0	11	86.60	cps
Ytterbium	172-2	11	22	6	13	65.44	cps
Ytterbium	176-1	533	642	517	564	12.04	cps
Ytterbium	176-2	4367	4518	4868	4584	5.60	cps
Yttrium	89-1	5862325	5834694	5847457	5848159	0.24	cps
Yttrium	89-2	587697	603119	588915	593244	1.45	cps
Zinc	66-2	97	73	57	76	26.59	cps
Zirconium	90-1	233	367	217	272	30.20	cps
Zirconium	91-1	42	67	33	47	36.74	cps

LB Number : LB123342 Operator : Jaswal
 Lab Sample ID : ICSA03 Instrumnet Name : P8
 Client Sample ID : ICSA03 Dilution Factor : 1
 Date & Time Acquired : 2022-12-16 16:06:33 DataFile Name : 022ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2713947	2632097	2716045	2687363	1.78	cps
Antimony	121-1	2500	3000	2825	2775	9.14	cps
Arsenic	75-2	33	34	38	35	7.56	cps
Barium	135-1	675	892	708	758	15.39	cps
Barium	137-1	1633	1275	1492	1467	12.31	cps
Beryllium	9-1	624	590	582	599	3.67	cps
Bismuth	209-1	2075777	2129635	2105658	2103690	1.28	cps
Bismuth	209-2	1124318	1132602	1126491	1127804	0.38	cps
Boron	10-1	2270	2312	2174	2252	3.14	cps
Boron	11-1	10308	10344	9633	10095	3.96	cps
Bromine	81-1	29301	31147	31528	30659	3.89	cps
Cadmium	111-1	608	577	504	563	9.48	cps
Cadmium	106-1	1742	1975	1875	1864	6.28	cps
Cadmium	108-1	725	750	667	714	5.99	cps
Calcium	43-1	1111544	1121166	1096218	1109643	1.13	cps
Calcium	44-1	17494981	18225931	17664138	17795016	2.15	cps
Carbon	12-1	23564070	24401119	24384794	24116661	1.98	cps
Carbon	12-2	249585	242083	239726	243798	2.11	cps
Chlorine	35-1	10832108	12673445	14542745	12682766	14.63	cps
Chlorine	35-2	107708	114653	117684	113348	4.51	cps
Chromium	52-2	16590	16283	15278	16050	4.27	cps
Cobalt	59-2	1723	1550	1760	1678	6.69	cps
Copper	63-2	9073	8793	9080	8982	1.82	cps
Dysprosium	156-1	50	33	17	33	50.00	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	25	42	33	33	25.01	cps
Erbium	164-2	17	7	0	8	107.84	cps
Gadolinium	160-1	42	33	42	39	12.38	cps
Gadolinium	160-2	67	47	100	71	37.88	cps
Holmium	165-1	3737466	3766154	3802510	3768710	0.86	cps
Holmium	165-2	1676078	1776049	1734037	1728721	2.90	cps
Indium	115-1	3505961	3437684	3533714	3492453	1.42	cps
Indium	115-2	505589	506690	498553	503611	0.88	cps
Iron	54-2	3825532	3661839	3654795	3714055	2.60	cps
Iron	56-2	67902710	67435172	63213549	66183810	3.90	cps
Iron	57-2	1723498	1745636	1636682	1701939	3.38	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	ICSA03	Instrumnet Name :	P8
Client Sample ID :	ICSA03	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:06:33	DataFile Name :	022ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	356	384	384	375	4.24	cps
Lead	206-1	8825	8981	8964	8924	0.96	cps
Lead	207-1	6952	7191	6874	7006	2.36	cps
Lead	208-1	32995	34035	33746	33592	1.60	cps
Lithium	6-1	3009384	3190957	3048979	3083107	3.10	cps
Magnesium	24-2	7381875	7331870	7314751	7342832	0.48	cps
Manganese	55-2	3510	3230	3164	3302	5.57	cps
Molybdenum	94-1	1764850	1752491	1752387	1756576	0.41	cps
Molybdenum	95-1	3012345	3150010	2997587	3053314	2.75	cps
Molybdenum	96-1	3291000	3379194	3273406	3314533	1.71	cps
Molybdenum	97-1	1828416	1877863	1932242	1879507	2.76	cps
Molybdenum	98-1	4796152	5006025	4787023	4863067	2.55	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	7	10	7	8	24.71	cps
Nickel	60-2	2140	1990	1963	2031	4.69	cps
Phosphorus	31-2	202426	204013	197650	201363	1.64	cps
Potassium	39-2	4674976	4851961	4577629	4701522	2.96	cps
Rhodium	103-1	3451457	3556325	3453802	3487195	1.72	cps
Rhodium	103-2	1487274	1543238	1430718	1487077	3.78	cps
Scandium	45-1	3050416	3087917	3111636	3083323	1.00	cps
Scandium	45-2	90467	90179	91087	90578	0.51	cps
Selenium	82-1	35	5	29	23	69.07	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	57	45	48	50	12.50	cps
Silicon	28-1	1369695	1359275	1367644	1365538	0.40	cps
Silver	107-1	108	183	167	153	25.78	cps
Silver	109-1	58	108	117	94	33.40	cps
Sodium	23-2	14236469	13738055	13839609	13938044	1.89	cps
Strontium	86-1	32054	32605	32104	32255	0.94	cps
Strontium	88-1	278225	283046	274769	278680	1.49	cps
Sulfur	34-1	2827467	2793466	2762848	2794594	1.16	cps
Terbium	159-1	3970738	4086333	3804881	3953984	3.58	cps
Terbium	159-2	1683047	1717164	1707341	1702517	1.03	cps
Thallium	203-1	500	533	658	564	14.80	cps
Thallium	205-1	1375	1017	1358	1250	16.18	cps
Tin	118-1	992	775	758	842	15.47	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	ICSA03	Instrumnet Name :	P8
Client Sample ID :	ICSA03	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:06:33	DataFile Name :	022ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1098596	1098905	1086125	1094542	0.67	cps
Uranium	238-1	167	83	83	111	43.30	cps
Vanadium	51-2	117	143	137	132	10.50	cps
Ytterbium	172-1	42	33	8	28	62.46	cps
Ytterbium	172-2	11	6	17	11	49.99	cps
Ytterbium	176-1	575	733	525	611	17.80	cps
Ytterbium	176-2	4540	4690	4690	4640	1.87	cps
Yttrium	89-1	5892933	6316411	6167697	6125680	3.51	cps
Yttrium	89-2	602032	609311	605335	605559	0.60	cps
Zinc	66-2	1593	1490	1563	1549	3.43	cps
Zirconium	90-1	292	317	517	375	32.89	cps
Zirconium	91-1	75	25	33	44	60.28	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	ICSAB03	Instrumnet Name :	P8
Client Sample ID :	ICSAB03	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:09:37	DataFile Name :	023ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2820624	2782039	2713477	2772046	1.96	cps
Antimony	121-1	56183	54301	54225	54903	2.02	cps
Arsenic	75-2	1930	1887	1921	1913	1.19	cps
Barium	135-1	11689	11897	12181	11922	2.07	cps
Barium	137-1	20925	22219	20533	21225	4.16	cps
Beryllium	9-1	38257	38167	38089	38171	0.22	cps
Bismuth	209-1	2112098	2089656	2126950	2109568	0.89	cps
Bismuth	209-2	1098215	1125776	1129336	1117775	1.52	cps
Boron	10-1	18616	18262	18438	18439	0.96	cps
Boron	11-1	80316	81886	82328	81510	1.30	cps
Bromine	81-1	32411	31077	32722	32070	2.73	cps
Cadmium	111-1	15215	14423	13990	14543	4.27	cps
Cadmium	106-1	4559	4234	4593	4462	4.44	cps
Cadmium	108-1	2013	1942	2104	2020	4.04	cps
Calcium	43-1	1126607	1132300	1126639	1128515	0.29	cps
Calcium	44-1	18382467	18307329	17728994	18139597	1.97	cps
Carbon	12-1	24901890	25347022	25250476	25166463	0.93	cps
Carbon	12-2	259465	255552	249994	255004	1.87	cps
Chlorine	35-1	16869930	19393418	20440266	18901204	9.71	cps
Chlorine	35-2	146107	146157	147413	146559	0.50	cps
Chromium	52-2	33182	32500	32317	32666	1.40	cps
Cobalt	59-2	31335	30439	29654	30476	2.76	cps
Copper	63-2	32788	30643	30379	31270	4.22	cps
Dysprosium	156-1	8	17	42	22	78.07	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	33	50	8	31	68.64	cps
Erbium	164-2	10	10	30	17	69.28	cps
Gadolinium	160-1	50	42	42	44	10.82	cps
Gadolinium	160-2	90	70	90	83	13.86	cps
Holmium	165-1	3693983	3790862	3899280	3794708	2.71	cps
Holmium	165-2	1641468	1743557	1726696	1703907	3.21	cps
Indium	115-1	3586003	3347730	3610929	3514887	4.13	cps
Indium	115-2	490166	503224	503059	498816	1.50	cps
Iron	54-2	3923051	3789691	3671283	3794675	3.32	cps
Iron	56-2	70182035	68005689	65353247	67846990	3.56	cps
Iron	57-2	1785145	1716762	1659976	1720627	3.64	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	ICSAB03	Instrumnet Name :	P8
Client Sample ID :	ICSAB03	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:09:37	DataFile Name :	023ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	400	362	360	374	5.99	cps
Lead	206-1	40040	39967	39689	39899	0.46	cps
Lead	207-1	34396	33616	32948	33653	2.15	cps
Lead	208-1	155300	153748	154730	154593	0.51	cps
Lithium	6-1	3223604	3108898	3213201	3181901	1.99	cps
Magnesium	24-2	7487645	7447782	7494071	7476500	0.34	cps
Manganese	55-2	12215	11555	11225	11665	4.33	cps
Molybdenum	94-1	1920546	1897527	1871480	1896518	1.29	cps
Molybdenum	95-1	3205930	3150477	3087001	3147803	1.89	cps
Molybdenum	96-1	3448012	3385965	3308674	3380884	2.06	cps
Molybdenum	97-1	1938705	1912992	1881109	1910935	1.51	cps
Molybdenum	98-1	4928362	4844169	4906059	4892864	0.89	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	10	20	0	10	100.00	cps
Nickel	60-2	10371	10267	9747	10128	3.30	cps
Phosphorus	31-2	206355	201192	203447	203665	1.27	cps
Potassium	39-2	5176995	4903061	4678056	4919370	5.08	cps
Rhodium	103-1	3457294	3547922	3472373	3492529	1.39	cps
Rhodium	103-2	1477253	1534633	1483283	1498390	2.10	cps
Scandium	45-1	3147354	3178918	3130877	3152383	0.77	cps
Scandium	45-2	89423	90614	90893	90310	0.86	cps
Selenium	82-1	1587	1665	1619	1624	2.40	cps
Selenium	77-2	40	43	67	50	29.06	cps
Selenium	78-2	204	195	215	205	4.89	cps
Silicon	28-1	1516425	1518083	1513749	1516086	0.14	cps
Silver	107-1	74443	73136	71914	73164	1.73	cps
Silver	109-1	68781	71219	69526	69842	1.79	cps
Sodium	23-2	14637763	14437758	14471019	14515514	0.74	cps
Strontium	86-1	82050	82117	77122	80430	3.56	cps
Strontium	88-1	696867	693418	672096	687460	1.95	cps
Sulfur	34-1	2814429	2842308	2756410	2804382	1.56	cps
Terbium	159-1	3815832	3841526	4017175	3891511	2.82	cps
Terbium	159-2	1715082	1710175	1684146	1703134	0.98	cps
Thallium	203-1	39887	38249	37597	38578	3.06	cps
Thallium	205-1	93463	91985	92657	92702	0.80	cps
Tin	118-1	107163	105608	107415	106729	0.92	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	ICSAB03	Instrumnet Name :	P8
Client Sample ID :	ICSAB03	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:09:37	DataFile Name :	023ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1154837	1138223	1121026	1138029	1.49	cps
Uranium	238-1	287588	288935	291533	289352	0.69	cps
Vanadium	51-2	13480	12632	12752	12955	3.54	cps
Ytterbium	172-1	17	25	8	17	50.01	cps
Ytterbium	172-2	6	22	17	15	57.25	cps
Ytterbium	176-1	883	933	658	825	17.76	cps
Ytterbium	176-2	4601	4662	4990	4751	4.40	cps
Yttrium	89-1	6222926	6097386	6212482	6177598	1.13	cps
Yttrium	89-2	610587	617107	610253	612649	0.63	cps
Zinc	66-2	4224	4251	4034	4170	2.83	cps
Zirconium	90-1	270012	266362	263485	266620	1.23	cps
Zirconium	91-1	58716	60257	57571	58848	2.29	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:12:39	DataFile Name :	024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1412794	1384355	1399819	1398989	1.02	cps
Antimony	121-1	1331920	1338959	1297898	1322926	1.66	cps
Arsenic	75-2	45371	44508	43894	44591	1.66	cps
Barium	135-1	1522456	1565623	1429321	1505800	4.63	cps
Barium	137-1	2563940	2514485	2548178	2542201	0.99	cps
Beryllium	9-1	928635	925262	925311	926403	0.21	cps
Bismuth	209-1	2105619	2135212	2099349	2113393	0.91	cps
Bismuth	209-2	1143847	1127931	1128243	1133340	0.80	cps
Boron	10-1	165695	176309	180329	174111	4.34	cps
Boron	11-1	741001	780203	787629	769611	3.26	cps
Bromine	81-1	28498	30164	28007	28890	3.91	cps
Cadmium	111-1	385227	381685	377480	381464	1.02	cps
Cadmium	106-1	49289	48001	48887	48726	1.35	cps
Cadmium	108-1	32150	32259	32643	32351	0.80	cps
Calcium	43-1	2792342	2817356	2804451	2804716	0.45	cps
Calcium	44-1	44544758	45587849	43631819	44588142	2.20	cps
Carbon	12-1	7647011	7752683	7897897	7765864	1.62	cps
Carbon	12-2	83798	82314	82147	82753	1.10	cps
Chlorine	35-1	4519865	4196395	4001374	4239211	6.18	cps
Chlorine	35-2	23253	21358	20306	21639	6.90	cps
Chromium	52-2	418813	407998	402135	409649	2.07	cps
Cobalt	59-2	719767	695439	688879	701362	2.32	cps
Copper	63-2	6307506	6095785	5975876	6126389	2.74	cps
Dysprosium	156-1	442	317	292	350	22.96	cps
Dysprosium	156-2	137	153	180	157	13.95	cps
Erbium	164-1	17	50	58	42	52.91	cps
Erbium	164-2	23	10	3	12	83.33	cps
Gadolinium	160-1	300	350	317	322	7.90	cps
Gadolinium	160-2	180	190	157	176	9.74	cps
Holmium	165-1	3889874	3829859	3705397	3808377	2.47	cps
Holmium	165-2	1723995	1743275	1687577	1718283	1.65	cps
Indium	115-1	3515171	3454182	3274725	3414693	3.66	cps
Indium	115-2	501428	493390	497452	497423	0.81	cps
Iron	54-2	4786710	4950868	4649701	4795759	3.14	cps
Iron	56-2	85486041	83998449	84479571	84654687	0.90	cps
Iron	57-2	2201226	2193000	2131015	2175080	1.76	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:12:39	DataFile Name :	024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	369	319	361	350	7.71	cps
Lead	206-1	4488129	4550525	4406795	4481817	1.61	cps
Lead	207-1	3889387	4031345	3993935	3971556	1.85	cps
Lead	208-1	17738375	18225097	18026968	17996813	1.36	cps
Lithium	6-1	2950581	3018826	3038264	3002557	1.53	cps
Magnesium	24-2	19901649	19077629	19384973	19454750	2.14	cps
Manganese	55-2	2236251	2275637	2142628	2218172	3.08	cps
Molybdenum	94-1	5576162	5527765	5353615	5485847	2.13	cps
Molybdenum	95-1	8074635	7859123	7954095	7962618	1.36	cps
Molybdenum	96-1	8882742	8877153	8566578	8775491	2.06	cps
Molybdenum	97-1	4824260	4986654	5042930	4951281	2.29	cps
Molybdenum	98-1	12982317	12774507	12711902	12822909	1.10	cps
Neodymium	150-1	153	120	167	147	16.39	cps
Neodymium	150-2	23	13	10	16	44.60	cps
Nickel	60-2	215547	207049	206604	209733	2.40	cps
Phosphorus	31-2	21074	20590	20674	20779	1.25	cps
Potassium	39-2	6194315	5977384	5963378	6045026	2.14	cps
Rhodium	103-1	3464397	3459262	3588674	3504111	2.09	cps
Rhodium	103-2	1407420	1407831	1416060	1410437	0.35	cps
Scandium	45-1	3072114	3083230	3071525	3075623	0.21	cps
Scandium	45-2	92362	89876	91811	91350	1.43	cps
Selenium	82-1	41868	42437	41660	41988	0.96	cps
Selenium	77-2	1137	1060	1053	1083	4.27	cps
Selenium	78-2	4156	3964	3889	4003	3.44	cps
Silicon	28-1	8913010	8994696	8878219	8928642	0.67	cps
Silver	107-1	2175568	2131059	2155455	2154027	1.03	cps
Silver	109-1	2057681	2043310	1982939	2027977	1.96	cps
Sodium	23-2	36174587	34078996	35155899	35136494	2.98	cps
Strontium	86-1	12259943	12700788	11750157	12236963	3.89	cps
Strontium	88-1	104126244	107761332	103554594	105147390	2.17	cps
Sulfur	34-1	774087	769937	767314	770446	0.44	cps
Terbium	159-1	3961618	4000602	3983268	3981829	0.49	cps
Terbium	159-2	1714255	1749103	1707217	1723525	1.30	cps
Thallium	203-1	969430	973374	977715	973506	0.43	cps
Thallium	205-1	2440470	2489298	2459105	2462958	1.00	cps
Tin	118-1	1139652	1136013	1086468	1120711	2.65	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:12:39	DataFile Name :	024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2866856	2846619	2711513	2808329	3.01	cps
Uranium	238-1	3224783	3289210	3260083	3258026	0.99	cps
Vanadium	51-2	332101	323579	322078	325919	1.66	cps
Ytterbium	172-1	142	108	100	117	18.90	cps
Ytterbium	172-2	61	72	33	56	36.06	cps
Ytterbium	176-1	5393	5193	5410	5332	2.26	cps
Ytterbium	176-2	6541	6841	6880	6754	2.75	cps
Yttrium	89-1	5939642	6088685	6103043	6043790	1.50	cps
Yttrium	89-2	618494	603916	610371	610927	1.20	cps
Zinc	66-2	719567	701517	685060	702048	2.46	cps
Zirconium	90-1	2689903	2849402	2742056	2760454	2.95	cps
Zirconium	91-1	605115	626622	596390	609376	2.55	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:19:13	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	144	115	80	113	28.27	cps
Antimony	121-1	192	175	258	208	21.16	cps
Arsenic	75-2	4	9	6	6	39.74	cps
Barium	135-1	42	33	42	39	12.38	cps
Barium	137-1	42	50	25	39	32.73	cps
Beryllium	9-1	95	96	85	92	6.70	cps
Bismuth	209-1	2187285	1624075	1841844	1884402	15.07	cps
Bismuth	209-2	1160689	1173973	1151103	1161922	0.99	cps
Boron	10-1	5150	4732	4620	4834	5.78	cps
Boron	11-1	21620	20064	20024	20569	4.42	cps
Bromine	81-1	29151	26543	27526	27740	4.75	cps
Cadmium	111-1	184	143	175	167	12.71	cps
Cadmium	106-1	1700	1383	1533	1539	10.29	cps
Cadmium	108-1	4	17	17	13	57.72	cps
Calcium	43-1	184	184	194	187	3.09	cps
Calcium	44-1	15046	15174	15300	15173	0.84	cps
Carbon	12-1	6625427	6635619	6693527	6651524	0.55	cps
Carbon	12-2	69683	69473	69062	69406	0.45	cps
Chlorine	35-1	1353286	1292999	1266309	1304198	3.42	cps
Chlorine	35-2	7711	7352	7927	7663	3.79	cps
Chromium	52-2	337	313	310	320	4.54	cps
Cobalt	59-2	60	70	43	58	23.32	cps
Copper	63-2	983	903	907	931	4.86	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	8	25	22	57.29	cps
Erbium	164-2	3	7	0	3	100.05	cps
Gadolinium	160-1	58	58	25	47	40.75	cps
Gadolinium	160-2	53	67	47	56	18.33	cps
Holmium	165-1	3584009	2690381	3109403	3127931	14.29	cps
Holmium	165-2	1644870	1672385	1698250	1671835	1.60	cps
Indium	115-1	3431822	2615861	2946343	2998009	13.69	cps
Indium	115-2	493733	503498	503583	500272	1.13	cps
Iron	54-2	594	528	556	559	5.99	cps
Iron	56-2	4618	3545	3450	3871	16.75	cps
Iron	57-2	322	250	300	291	12.72	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:19:13	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	305	420	371	365	15.80	cps
Lead	206-1	511	506	439	485	8.28	cps
Lead	207-1	411	483	517	470	11.47	cps
Lead	208-1	2033	2183	2011	2076	4.51	cps
Lithium	6-1	2999827	2378963	2675868	2684886	11.57	cps
Magnesium	24-2	550	567	350	489	24.66	cps
Manganese	55-2	60	37	47	48	24.50	cps
Molybdenum	94-1	183	250	208	214	15.75	cps
Molybdenum	95-1	242	200	225	222	9.44	cps
Molybdenum	96-1	383	275	350	336	16.51	cps
Molybdenum	97-1	133	125	217	158	32.01	cps
Molybdenum	98-1	283	342	408	344	18.16	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	60	27	30	39	47.20	cps
Phosphorus	31-2	200	167	175	181	9.61	cps
Potassium	39-2	23253	23620	23829	23567	1.24	cps
Rhodium	103-1	3513861	2746991	3038926	3099926	12.49	cps
Rhodium	103-2	1466361	1513434	1530746	1503514	2.22	cps
Scandium	45-1	3007933	2333285	2658150	2666456	12.65	cps
Scandium	45-2	90087	86523	88404	88338	2.02	cps
Selenium	82-1	25	-46	3	-6	-582.37	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	38	34	46	39	15.53	cps
Silicon	28-1	1191435	1242502	1190068	1208002	2.47	cps
Silver	107-1	175	125	233	178	30.50	cps
Silver	109-1	117	200	150	156	26.96	cps
Sodium	23-2	21349	20699	19856	20635	3.63	cps
Strontium	86-1	675	692	883	750	15.44	cps
Strontium	88-1	1100	1417	1875	1464	26.62	cps
Sulfur	34-1	462551	459926	457827	460101	0.51	cps
Terbium	159-1	3715705	2774902	3230099	3240236	14.52	cps
Terbium	159-2	1655045	1628846	1681855	1655248	1.60	cps
Thallium	203-1	342	367	467	392	16.89	cps
Thallium	205-1	1092	858	975	975	11.97	cps
Tin	118-1	4148	4123	10440	6237	58.36	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:19:13	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	200	192	258	217	16.76	cps
Uranium	238-1	50	67	83	67	25.00	cps
Vanadium	51-2	17	7	7	10	57.72	cps
Ytterbium	172-1	33	25	8	22	57.29	cps
Ytterbium	172-2	6	6	6	6	0.00	cps
Ytterbium	176-1	525	408	508	481	13.13	cps
Ytterbium	176-2	4351	4923	4384	4553	7.06	cps
Yttrium	89-1	5959593	4499805	5044925	5168108	14.27	cps
Yttrium	89-2	597819	599119	595641	597526	0.29	cps
Zinc	66-2	93	80	93	89	8.66	cps
Zirconium	90-1	325	300	283	303	6.93	cps
Zirconium	91-1	50	33	50	44	21.66	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:22:26	DataFile Name :	026LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	615	574	619	602	4.14	cps
Antimony	121-1	5018	4951	5076	5015	1.25	cps
Arsenic	75-2	106	81	90	92	13.71	cps
Barium	135-1	5335	5443	4784	5187	6.81	cps
Barium	137-1	9203	8987	8761	8984	2.46	cps
Beryllium	9-1	2071	2067	2062	2067	0.21	cps
Bismuth	209-1	2120923	2125327	2110979	2119076	0.35	cps
Bismuth	209-2	1135703	1144467	1129825	1136665	0.65	cps
Boron	10-1	8877	9167	9501	9182	3.40	cps
Boron	11-1	39170	39778	40411	39786	1.56	cps
Bromine	81-1	27074	28719	27977	27923	2.95	cps
Cadmium	111-1	963	1000	914	959	4.49	cps
Cadmium	106-1	1892	1784	1900	1859	3.50	cps
Cadmium	108-1	38	58	67	54	27.74	cps
Calcium	43-1	5465	5519	5348	5444	1.61	cps
Calcium	44-1	100723	101455	97132	99770	2.32	cps
Carbon	12-1	7024869	6921807	6904132	6950269	0.94	cps
Carbon	12-2	74003	73007	71147	72719	1.99	cps
Chlorine	35-1	970727	955915	931667	952770	2.07	cps
Chlorine	35-2	5601	5109	5318	5343	4.62	cps
Chromium	52-2	1790	1847	1733	1790	3.17	cps
Cobalt	59-2	1423	1413	1500	1446	3.28	cps
Copper	63-2	2957	3300	3050	3103	5.72	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	17	33	19	65.47	cps
Erbium	164-2	13	3	0	6	124.93	cps
Gadolinium	160-1	75	33	17	42	72.11	cps
Gadolinium	160-2	60	63	50	58	12.01	cps
Holmium	165-1	3600632	3509614	3677071	3595773	2.33	cps
Holmium	165-2	1704688	1639670	1597416	1647258	3.28	cps
Indium	115-1	3288763	3585811	3551731	3475435	4.68	cps
Indium	115-2	495697	501443	491755	496298	0.98	cps
Iron	54-2	2517	2339	2078	2311	9.55	cps
Iron	56-2	34342	33952	32493	33596	2.90	cps
Iron	57-2	1083	939	989	1004	7.31	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:22:26	DataFile Name :	026LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	370	356	365	364	1.91	cps
Lead	206-1	2111	2150	1822	2028	8.83	cps
Lead	207-1	1689	1817	1622	1709	5.78	cps
Lead	208-1	7840	8023	7390	7751	4.21	cps
Lithium	6-1	2971323	3081792	3067425	3040180	1.98	cps
Magnesium	24-2	39078	37106	36622	37602	3.46	cps
Manganese	55-2	490	360	533	461	19.56	cps
Molybdenum	94-1	6068	6010	5576	5885	4.57	cps
Molybdenum	95-1	7202	7436	7069	7235	2.57	cps
Molybdenum	96-1	8786	8228	8595	8536	3.33	cps
Molybdenum	97-1	4868	4709	4259	4612	6.85	cps
Molybdenum	98-1	12097	12281	11905	12094	1.55	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	387	420	347	384	9.55	cps
Phosphorus	31-2	208	267	250	242	12.43	cps
Potassium	39-2	45188	44018	44603	44603	1.31	cps
Rhodium	103-1	3564130	3569676	3471979	3535262	1.55	cps
Rhodium	103-2	1541170	1516108	1494834	1517371	1.53	cps
Scandium	45-1	2962601	3003344	3004958	2990301	0.80	cps
Scandium	45-2	89008	87060	88082	88050	1.11	cps
Selenium	82-1	462	459	445	455	2.02	cps
Selenium	77-2	17	0	0	6	173.21	cps
Selenium	78-2	79	80	94	84	9.94	cps
Silicon	28-1	1217837	1218440	1170779	1202352	2.27	cps
Silver	107-1	3817	3809	3809	3812	0.13	cps
Silver	109-1	4026	3817	3701	3848	4.28	cps
Sodium	23-2	87036	86222	79752	84337	4.73	cps
Strontium	86-1	1517	1775	1467	1586	10.43	cps
Strontium	88-1	8436	8228	7711	8125	4.60	cps
Sulfur	34-1	458491	468586	468158	465078	1.23	cps
Terbium	159-1	3811027	3649993	3814962	3758661	2.50	cps
Terbium	159-2	1701668	1682406	1641389	1675154	1.84	cps
Thallium	203-1	2184	2150	2392	2242	5.84	cps
Thallium	205-1	5376	5210	5476	5354	2.52	cps
Tin	118-1	11222	11063	10846	11044	1.71	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:22:26	DataFile Name :	026LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2984	2750	2650	2795	6.12	cps
Uranium	238-1	5585	5301	5651	5512	3.37	cps
Vanadium	51-2	3150	3067	3044	3087	1.82	cps
Ytterbium	172-1	25	8	25	19	49.50	cps
Ytterbium	172-2	11	6	22	13	65.44	cps
Ytterbium	176-1	533	692	633	619	12.93	cps
Ytterbium	176-2	4323	4823	4379	4508	6.08	cps
Yttrium	89-1	5787952	5864940	5969675	5874189	1.55	cps
Yttrium	89-2	611429	596207	590883	599506	1.78	cps
Zinc	66-2	403	390	403	399	1.93	cps
Zirconium	90-1	5101	5159	5176	5146	0.77	cps
Zirconium	91-1	1142	1300	1158	1200	7.25	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	N4955-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT4-2022	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:33:26	DataFile Name :	028LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	600	556	574	577	3.82	cps
Antimony	121-1	5268	4934	4676	4959	5.98	cps
Arsenic	75-2	102	82	101	95	11.86	cps
Barium	135-1	5168	4718	4459	4782	7.50	cps
Barium	137-1	8478	8411	8495	8461	0.52	cps
Beryllium	9-1	1920	1989	2015	1974	2.48	cps
Bismuth	209-1	1998372	2125442	2071199	2065004	3.09	cps
Bismuth	209-2	1102912	854189	1049176	1002092	13.06	cps
Boron	10-1	7022	7312	7566	7300	3.73	cps
Boron	11-1	31211	33050	32672	32311	3.01	cps
Bromine	81-1	28900	27876	27686	28154	2.32	cps
Cadmium	111-1	905	925	896	909	1.64	cps
Cadmium	106-1	1909	2025	1909	1947	3.46	cps
Cadmium	108-1	63	33	58	51	30.70	cps
Calcium	43-1	5323	5369	5215	5302	1.49	cps
Calcium	44-1	99960	100695	96941	99199	2.01	cps
Carbon	12-1	6875515	6825172	6834161	6844949	0.39	cps
Carbon	12-2	70855	70193	69523	70190	0.95	cps
Chlorine	35-1	500231	484953	481834	489006	2.01	cps
Chlorine	35-2	2725	3317	2834	2959	10.65	cps
Chromium	52-2	1857	1800	1820	1826	1.57	cps
Cobalt	59-2	1397	1420	1367	1395	1.92	cps
Copper	63-2	3014	2950	2970	2978	1.09	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	17	17	25	57.73	cps
Erbium	164-2	3	10	3	6	69.34	cps
Gadolinium	160-1	33	50	17	33	50.00	cps
Gadolinium	160-2	73	43	63	60	25.46	cps
Holmium	165-1	3571764	3632268	3560568	3588200	1.07	cps
Holmium	165-2	1576811	1239710	1524095	1446872	12.53	cps
Indium	115-1	3398228	3364279	3564993	3442500	3.12	cps
Indium	115-2	481378	365650	461943	436324	14.20	cps
Iron	54-2	1967	2317	2506	2263	12.08	cps
Iron	56-2	33952	34164	33523	33879	0.96	cps
Iron	57-2	1106	1022	1122	1083	4.95	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	N4955-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT4-2022	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:33:26	DataFile Name :	028LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	360	375	392	376	4.33	cps
Lead	206-1	2061	1722	1745	1843	10.29	cps
Lead	207-1	1622	1745	1689	1685	3.63	cps
Lead	208-1	7518	7223	7045	7262	3.29	cps
Lithium	6-1	2962799	3002007	3047424	3004077	1.41	cps
Magnesium	24-2	39112	36597	36204	37304	4.23	cps
Manganese	55-2	420	477	443	447	6.38	cps
Molybdenum	94-1	6643	6227	5968	6279	5.43	cps
Molybdenum	95-1	7652	7636	7352	7547	2.24	cps
Molybdenum	96-1	8528	7836	7819	8061	5.02	cps
Molybdenum	97-1	4009	4509	4501	4340	6.60	cps
Molybdenum	98-1	11505	11689	11263	11486	1.86	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	420	417	407	414	1.67	cps
Phosphorus	31-2	217	175	142	178	21.14	cps
Potassium	39-2	45573	45631	45397	45534	0.27	cps
Rhodium	103-1	3548247	3479733	3463318	3497099	1.29	cps
Rhodium	103-2	1460163	1142508	1321644	1308105	12.17	cps
Scandium	45-1	3041210	3011610	3085573	3046131	1.22	cps
Scandium	45-2	86511	64250	81226	77329	15.04	cps
Selenium	82-1	435	351	415	400	10.92	cps
Selenium	77-2	20	37	10	22	60.63	cps
Selenium	78-2	80	84	84	83	2.79	cps
Silicon	28-1	1181250	1186471	1187658	1185126	0.29	cps
Silver	107-1	4134	3909	4109	4051	3.05	cps
Silver	109-1	3551	3742	3517	3603	3.37	cps
Sodium	23-2	85476	83725	81654	83618	2.29	cps
Strontium	86-1	1575	1533	1383	1497	6.73	cps
Strontium	88-1	7761	8028	7369	7719	4.29	cps
Sulfur	34-1	463849	461055	466423	463776	0.58	cps
Terbium	159-1	3863757	3688797	3837356	3796636	2.48	cps
Terbium	159-2	1672277	1225989	1543520	1480596	15.51	cps
Thallium	203-1	2175	2084	2017	2092	3.80	cps
Thallium	205-1	5101	5043	5160	5101	1.14	cps
Tin	118-1	10830	10463	10788	10693	1.88	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	N4955-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT4-2022	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:33:26	DataFile Name :	028LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2809	2834	2734	2792	1.87	cps
Uranium	238-1	5360	5426	5276	5354	1.40	cps
Vanadium	51-2	3114	2807	3094	3005	5.71	cps
Ytterbium	172-1	8	33	33	25	57.74	cps
Ytterbium	172-2	11	11	0	7	86.60	cps
Ytterbium	176-1	592	583	550	575	3.84	cps
Ytterbium	176-2	4212	3462	4317	3997	11.67	cps
Yttrium	89-1	5937439	5966862	6079837	5994713	1.25	cps
Yttrium	89-2	580632	443192	563370	529065	14.15	cps
Zinc	66-2	347	330	337	338	2.48	cps
Zirconium	90-1	5443	5301	5343	5362	1.36	cps
Zirconium	91-1	1150	1017	1125	1097	6.46	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	N4955-16	Instrumnet Name :	P8
Client Sample ID :	LLOQ-SOIL-QT4-2022	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:39:43	DataFile Name :	029LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	661	640	565	622	8.13	cps
Antimony	121-1	5001	5335	4976	5104	3.92	cps
Arsenic	75-2	89	107	115	104	12.84	cps
Barium	135-1	4993	5084	5059	5046	0.94	cps
Barium	137-1	9437	9087	8528	9017	5.08	cps
Beryllium	9-1	2006	2086	1981	2024	2.71	cps
Bismuth	209-1	2375368	2099735	2075751	2183618	7.62	cps
Bismuth	209-2	1148786	1159909	1151883	1153526	0.50	cps
Boron	10-1	6972	7130	7480	7194	3.61	cps
Boron	11-1	30063	31523	32491	31359	3.90	cps
Bromine	81-1	28328	29071	30184	29194	3.20	cps
Cadmium	111-1	947	815	922	895	7.81	cps
Cadmium	106-1	2142	1892	2009	2014	6.21	cps
Cadmium	108-1	54	46	71	57	22.35	cps
Calcium	43-1	5453	5418	5350	5407	0.96	cps
Calcium	44-1	101750	101305	99203	100753	1.35	cps
Carbon	12-1	6714692	6687264	6724519	6708825	0.29	cps
Carbon	12-2	68945	68653	68778	68792	0.21	cps
Chlorine	35-1	399305	391239	388789	393111	1.40	cps
Chlorine	35-2	2167	2084	2450	2234	8.61	cps
Chromium	52-2	1860	1890	1813	1855	2.08	cps
Cobalt	59-2	1410	1387	1417	1405	1.12	cps
Copper	63-2	2954	2950	3004	2969	1.01	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	25	25	25	25	0.00	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	17	33	8	19	65.47	cps
Gadolinium	160-2	60	30	60	50	34.64	cps
Holmium	165-1	4122538	3627185	3434948	3728224	9.52	cps
Holmium	165-2	1696529	1685942	1680594	1687689	0.48	cps
Indium	115-1	3779298	3559062	3358735	3565698	5.90	cps
Indium	115-2	507210	501878	498208	502432	0.90	cps
Iron	54-2	2239	2328	2417	2328	3.82	cps
Iron	56-2	34943	34403	33378	34242	2.32	cps
Iron	57-2	1300	1050	1050	1133	12.74	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	N4955-16	Instrumnet Name :	P8
Client Sample ID :	LLOQ-SOIL-QT4-2022	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:39:43	DataFile Name :	029LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	372	319	401	364	11.50	cps
Lead	206-1	1767	1950	1656	1791	8.30	cps
Lead	207-1	1689	1583	1556	1609	4.37	cps
Lead	208-1	7573	7395	6995	7321	4.04	cps
Lithium	6-1	3398823	2984250	2892696	3091923	8.72	cps
Magnesium	24-2	39479	38101	37223	38268	2.97	cps
Manganese	55-2	453	433	430	439	2.88	cps
Molybdenum	94-1	5976	6268	6127	6124	2.38	cps
Molybdenum	95-1	7586	7436	7002	7341	4.13	cps
Molybdenum	96-1	8386	9078	8119	8528	5.80	cps
Molybdenum	97-1	5109	5034	4543	4895	6.29	cps
Molybdenum	98-1	12389	11472	11622	11828	4.16	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	473	420	403	432	8.46	cps
Phosphorus	31-2	192	208	208	203	4.75	cps
Potassium	39-2	47011	47036	46057	46701	1.19	cps
Rhodium	103-1	4133246	3595794	3429806	3719615	9.89	cps
Rhodium	103-2	1545340	1525958	1479902	1517066	2.22	cps
Scandium	45-1	3536873	3017758	2968215	3174282	9.92	cps
Scandium	45-2	90085	89119	89926	89710	0.58	cps
Selenium	82-1	490	462	395	449	10.88	cps
Selenium	77-2	13	13	13	13	0.00	cps
Selenium	78-2	91	98	95	95	3.71	cps
Silicon	28-1	1201020	1188157	1193778	1194318	0.54	cps
Silver	107-1	4084	3909	4101	4031	2.63	cps
Silver	109-1	4009	3876	3984	3956	1.79	cps
Sodium	23-2	84587	83716	83875	84059	0.55	cps
Strontium	86-1	1333	1483	1375	1397	5.54	cps
Strontium	88-1	7294	7702	7577	7524	2.78	cps
Sulfur	34-1	471318	470206	464539	468688	0.78	cps
Terbium	159-1	4264956	3875923	3678388	3939756	7.58	cps
Terbium	159-2	1657822	1644149	1666367	1656113	0.68	cps
Thallium	203-1	2375	2042	1992	2136	9.76	cps
Thallium	205-1	4959	5018	5001	4993	0.60	cps
Tin	118-1	10913	11422	10847	11061	2.85	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	N4955-16	Instrumnet Name :	P8
Client Sample ID :	LLOQ-SOIL-QT4-2022	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:39:43	DataFile Name :	029LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2567	2850	2675	2698	5.30	cps
Uranium	238-1	5401	4976	5101	5160	4.24	cps
Vanadium	51-2	3130	2980	3040	3050	2.48	cps
Ytterbium	172-1	33	42	17	31	41.66	cps
Ytterbium	172-2	0	17	28	15	94.37	cps
Ytterbium	176-1	450	508	608	522	15.33	cps
Ytterbium	176-2	4573	4940	4801	4771	3.88	cps
Yttrium	89-1	6649907	6033275	5983408	6222197	5.97	cps
Yttrium	89-2	615174	606672	610549	610798	0.70	cps
Zinc	66-2	420	407	423	417	2.12	cps
Zirconium	90-1	5701	5009	4676	5129	10.20	cps
Zirconium	91-1	1225	1242	1200	1222	1.72	cps

LB Number : LB123342 Operator : Jaswal
 Lab Sample ID : N4955-07 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired : 2022-12-16 16:42:56 DataFile Name : 030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	181	204	209	198	7.40	cps
Antimony	121-1	775	567	608	650	16.96	cps
Arsenic	75-2	25	29	27	27	7.41	cps
Barium	135-1	583	642	592	606	5.21	cps
Barium	137-1	1233	1108	1108	1150	6.28	cps
Beryllium	9-1	526	556	522	535	3.46	cps
Bismuth	209-1	2215600	2156271	2124880	2165583	2.13	cps
Bismuth	209-2	1143586	1133338	1133800	1136908	0.51	cps
Boron	10-1	1842	1660	1564	1688	8.36	cps
Boron	11-1	7584	7360	7290	7412	2.07	cps
Bromine	81-1	27515	29060	28699	28425	2.84	cps
Cadmium	111-1	380	386	379	382	0.95	cps
Cadmium	106-1	2059	2184	1942	2061	5.86	cps
Cadmium	108-1	25	17	33	25	33.32	cps
Calcium	43-1	420	380	427	409	6.24	cps
Calcium	44-1	18899	19134	18926	18986	0.68	cps
Carbon	12-1	7235099	7102095	7205059	7180751	0.97	cps
Carbon	12-2	72478	73651	74489	73540	1.37	cps
Chlorine	35-1	365191	359561	357557	360770	1.10	cps
Chlorine	35-2	2392	2134	2184	2236	6.13	cps
Chromium	52-2	503	523	427	484	10.53	cps
Cobalt	59-2	433	483	433	450	6.42	cps
Copper	63-2	1177	1220	1333	1243	6.51	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	33	17	17	22	43.28	cps
Erbium	164-2	10	10	3	8	49.52	cps
Gadolinium	160-1	17	33	33	28	34.63	cps
Gadolinium	160-2	67	70	37	58	31.77	cps
Holmium	165-1	3701164	3663017	3568581	3644254	1.87	cps
Holmium	165-2	1682617	1647600	1643783	1658000	1.29	cps
Indium	115-1	3524611	3376648	3527430	3476230	2.48	cps
Indium	115-2	509341	490208	489494	496348	2.27	cps
Iron	54-2	945	1100	1028	1024	7.60	cps
Iron	56-2	10415	9998	10009	10141	2.34	cps
Iron	57-2	544	456	539	513	9.71	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	N4955-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:42:56	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	375	379	420	391	6.38	cps
Lead	206-1	728	722	622	691	8.60	cps
Lead	207-1	606	572	561	580	3.99	cps
Lead	208-1	2939	2834	2639	2804	5.43	cps
Lithium	6-1	2939386	3064713	3094375	3032824	2.71	cps
Magnesium	24-2	2317	2275	2259	2284	1.32	cps
Manganese	55-2	233	190	183	202	13.43	cps
Molybdenum	94-1	1675	1708	1642	1675	1.99	cps
Molybdenum	95-1	1917	1625	1708	1750	8.59	cps
Molybdenum	96-1	2350	2167	2050	2189	6.91	cps
Molybdenum	97-1	1133	1292	1192	1206	6.64	cps
Molybdenum	98-1	3017	3134	2834	2995	5.05	cps
Neodymium	150-1	7	0	20	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	123	123	133	127	4.56	cps
Phosphorus	31-2	258	192	208	219	15.81	cps
Potassium	39-2	23294	23937	23353	23528	1.51	cps
Rhodium	103-1	3667663	3578080	3615101	3620281	1.24	cps
Rhodium	103-2	1519451	1448630	1473066	1480383	2.43	cps
Scandium	45-1	3137432	3061911	3060241	3086528	1.43	cps
Scandium	45-2	90143	87499	86904	88182	1.96	cps
Selenium	82-1	230	166	104	167	37.87	cps
Selenium	77-2	7	7	7	7	0.00	cps
Selenium	78-2	52	56	72	60	17.64	cps
Silicon	28-1	1156785	1179433	1175149	1170456	1.03	cps
Silver	107-1	967	1208	1092	1089	11.10	cps
Silver	109-1	883	992	942	939	5.77	cps
Sodium	23-2	20632	19706	19989	20109	2.36	cps
Strontium	86-1	767	825	683	758	9.39	cps
Strontium	88-1	1817	1817	2000	1878	5.64	cps
Sulfur	34-1	469820	470681	469566	470022	0.12	cps
Terbium	159-1	3838099	3844355	3860130	3847528	0.30	cps
Terbium	159-2	1703236	1662191	1587421	1650950	3.56	cps
Thallium	203-1	658	592	692	647	7.87	cps
Thallium	205-1	1975	1859	1817	1884	4.36	cps
Tin	118-1	1425	650	667	914	48.46	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	N4955-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:42:56	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	925	800	925	883	8.17	cps
Uranium	238-1	1400	1525	1275	1400	8.93	cps
Vanadium	51-2	160	143	153	152	5.51	cps
Ytterbium	172-1	25	8	33	22	57.29	cps
Ytterbium	172-2	11	22	17	17	33.33	cps
Ytterbium	176-1	558	475	642	558	14.93	cps
Ytterbium	176-2	4834	4745	4668	4749	1.76	cps
Yttrium	89-1	6153404	5961813	6229718	6114979	2.26	cps
Yttrium	89-2	605068	596223	586455	595915	1.56	cps
Zinc	66-2	197	150	117	154	26.02	cps
Zirconium	90-1	1442	1292	1308	1347	6.10	cps
Zirconium	91-1	333	317	433	361	17.47	cps

LB Number : LB123342 Operator : Jaswal
 Lab Sample ID : N4955-01 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-SOIL-01-QT4- Dilution Factor : 1
 Date & Time Acquired : 2022-12-16 16:46:27 DataFile Name : 031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	210	197	199	202	3.41	cps
Antimony	121-1	625	783	650	686	12.41	cps
Arsenic	75-2	28	21	22	24	16.00	cps
Barium	135-1	625	583	642	617	4.87	cps
Barium	137-1	967	1350	1158	1158	16.55	cps
Beryllium	9-1	484	585	492	520	10.78	cps
Bismuth	209-1	2093450	2094791	2153882	2114041	1.63	cps
Bismuth	209-2	1176275	1133253	1163785	1157771	1.91	cps
Boron	10-1	1374	1208	1228	1270	7.14	cps
Boron	11-1	5566	5536	5308	5470	2.58	cps
Bromine	81-1	28679	28528	27185	28131	2.92	cps
Cadmium	111-1	377	432	329	379	13.57	cps
Cadmium	106-1	1975	2150	1775	1967	9.54	cps
Cadmium	108-1	29	29	33	31	7.86	cps
Calcium	43-1	390	381	386	386	1.14	cps
Calcium	44-1	18543	18601	18820	18655	0.78	cps
Carbon	12-1	7246284	7181787	7010845	7146305	1.70	cps
Carbon	12-2	73476	74087	73392	73652	0.52	cps
Chlorine	35-1	325765	327092	331383	328080	0.90	cps
Chlorine	35-2	2300	1834	1859	1997	13.14	cps
Chromium	52-2	427	463	453	448	4.23	cps
Cobalt	59-2	403	407	367	392	5.66	cps
Copper	63-2	1223	1267	1143	1211	5.17	cps
Dysprosium	156-1	33	0	17	17	99.99	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	17	8	14	34.67	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-1	17	25	33	25	33.32	cps
Gadolinium	160-2	73	50	60	61	19.15	cps
Holmium	165-1	3499431	3574622	3755102	3609718	3.64	cps
Holmium	165-2	1711988	1729640	1688995	1710208	1.19	cps
Indium	115-1	3385489	3469361	3508938	3454596	1.82	cps
Indium	115-2	514038	501814	503794	506548	1.30	cps
Iron	54-2	1156	889	883	976	15.94	cps
Iron	56-2	10265	10148	9865	10093	2.04	cps
Iron	57-2	489	389	500	459	13.33	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	N4955-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT4-	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:46:27	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	331	395	309	345	12.97	cps
Lead	206-1	761	789	650	733	10.02	cps
Lead	207-1	617	617	606	613	1.05	cps
Lead	208-1	2900	2822	2717	2813	3.27	cps
Lithium	6-1	3028477	3072559	3172730	3091255	2.39	cps
Magnesium	24-2	2109	2134	2225	2156	2.85	cps
Manganese	55-2	247	183	210	213	14.90	cps
Molybdenum	94-1	1575	1483	1583	1547	3.59	cps
Molybdenum	95-1	1809	1800	1834	1814	0.96	cps
Molybdenum	96-1	2175	1975	2217	2122	6.09	cps
Molybdenum	97-1	925	1250	1200	1125	15.56	cps
Molybdenum	98-1	2675	2775	2925	2792	4.51	cps
Neodymium	150-1	20	7	7	11	69.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	140	160	117	139	15.61	cps
Phosphorus	31-2	167	175	200	181	9.61	cps
Potassium	39-2	24613	23762	24029	24134	1.80	cps
Rhodium	103-1	3607262	3512817	3653936	3591338	2.00	cps
Rhodium	103-2	1484488	1488660	1521934	1498361	1.37	cps
Scandium	45-1	3005098	3100254	3054332	3053228	1.56	cps
Scandium	45-2	90882	88217	89339	89479	1.50	cps
Selenium	82-1	199	97	264	187	44.88	cps
Selenium	77-2	7	13	10	10	33.30	cps
Selenium	78-2	69	48	60	59	17.85	cps
Silicon	28-1	1165120	1173879	1173018	1170672	0.41	cps
Silver	107-1	1133	1192	1017	1114	8.00	cps
Silver	109-1	833	958	800	864	9.66	cps
Sodium	23-2	20640	19747	19572	19986	2.87	cps
Strontium	86-1	717	783	842	781	8.01	cps
Strontium	88-1	1975	1884	1950	1936	2.45	cps
Sulfur	34-1	471343	474254	469557	471718	0.50	cps
Terbium	159-1	3772859	3783484	4025244	3860529	3.70	cps
Terbium	159-2	1739861	1644963	1704713	1696512	2.83	cps
Thallium	203-1	700	833	642	725	13.55	cps
Thallium	205-1	1584	1800	1483	1622	9.98	cps
Tin	118-1	817	692	858	789	11.00	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	N4955-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT4-	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:46:27	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	800	725	633	719	11.60	cps
Uranium	238-1	1583	1558	1442	1528	4.95	cps
Vanadium	51-2	113	180	137	143	23.60	cps
Ytterbium	172-1	42	33	25	33	25.01	cps
Ytterbium	172-2	0	11	6	6	99.97	cps
Ytterbium	176-1	675	583	483	581	16.51	cps
Ytterbium	176-2	4651	4518	4451	4540	2.24	cps
Yttrium	89-1	5949313	5898295	6366919	6071509	4.23	cps
Yttrium	89-2	598478	592947	609222	600216	1.38	cps
Zinc	66-2	160	160	163	161	1.20	cps
Zirconium	90-1	1550	1267	1400	1406	10.09	cps
Zirconium	91-1	392	258	225	292	30.24	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	N4955-08	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:49:41	DataFile Name :	032LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	555	476	532	521	7.78	cps
Antimony	121-1	4684	5018	4384	4695	6.75	cps
Arsenic	75-2	85	94	100	93	8.12	cps
Barium	135-1	4859	5201	4376	4812	8.62	cps
Barium	137-1	8336	8311	8061	8236	1.85	cps
Beryllium	9-1	1997	1921	1837	1919	4.17	cps
Bismuth	209-1	2178837	2013036	2207029	2132967	4.91	cps
Bismuth	209-2	1156388	1151158	1150456	1152668	0.28	cps
Boron	10-1	6440	6616	6942	6666	3.82	cps
Boron	11-1	27584	28758	30077	28806	4.33	cps
Bromine	81-1	27787	28168	29181	28378	2.54	cps
Cadmium	111-1	864	798	864	842	4.50	cps
Cadmium	106-1	1975	1800	2025	1934	6.11	cps
Cadmium	108-1	96	75	67	79	18.97	cps
Calcium	43-1	5024	5109	5069	5067	0.84	cps
Calcium	44-1	95532	95684	94466	95227	0.70	cps
Carbon	12-1	6962455	6869626	6812019	6881367	1.10	cps
Carbon	12-2	68794	71357	70025	70059	1.83	cps
Chlorine	35-1	304273	299526	299526	301108	0.91	cps
Chlorine	35-2	2109	1542	1667	1772	16.80	cps
Chromium	52-2	1740	1693	1610	1681	3.92	cps
Cobalt	59-2	1287	1430	1397	1371	5.47	cps
Copper	63-2	2800	2684	2650	2711	2.91	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	17	8	25	17	50.01	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	17	33	58	36	58.07	cps
Gadolinium	160-2	63	50	60	58	12.01	cps
Holmium	165-1	3723195	3667322	3658296	3682938	0.95	cps
Holmium	165-2	1712586	1702005	1652301	1688964	1.91	cps
Indium	115-1	3531857	3412137	3435886	3459960	1.83	cps
Indium	115-2	499542	502908	500076	500842	0.36	cps
Iron	54-2	1961	2261	2067	2096	7.26	cps
Iron	56-2	32471	30901	31318	31563	2.58	cps
Iron	57-2	1117	983	1256	1119	12.17	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	N4955-08	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:49:41	DataFile Name :	032LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	369	351	377	366	3.65	cps
Lead	206-1	1811	1711	1934	1819	6.12	cps
Lead	207-1	1450	1506	1539	1498	3.00	cps
Lead	208-1	6990	6712	6995	6899	2.35	cps
Lithium	6-1	3140105	3083712	2926177	3049998	3.64	cps
Magnesium	24-2	38042	36630	35068	36580	4.07	cps
Manganese	55-2	447	430	433	437	2.02	cps
Molybdenum	94-1	6402	5751	5818	5990	5.97	cps
Molybdenum	95-1	6794	7361	6552	6902	6.02	cps
Molybdenum	96-1	7436	7636	7827	7633	2.57	cps
Molybdenum	97-1	4326	3901	4201	4142	5.27	cps
Molybdenum	98-1	11038	11121	11163	11108	0.57	cps
Neodymium	150-1	20	7	0	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	443	397	417	419	5.59	cps
Phosphorus	31-2	250	317	183	250	26.67	cps
Potassium	39-2	46618	44211	44586	45138	2.87	cps
Rhodium	103-1	3557678	3495633	3362233	3471848	2.88	cps
Rhodium	103-2	1543636	1486513	1456969	1495706	2.95	cps
Scandium	45-1	3052648	2957871	3060788	3023769	1.89	cps
Scandium	45-2	88710	90420	88934	89355	1.04	cps
Selenium	82-1	410	400	414	408	1.74	cps
Selenium	77-2	7	20	7	11	69.25	cps
Selenium	78-2	81	70	83	78	8.97	cps
Silicon	28-1	1214316	1226521	1180252	1207030	1.99	cps
Silver	107-1	3459	3684	3601	3581	3.18	cps
Silver	109-1	3592	3534	3250	3459	5.29	cps
Sodium	23-2	82014	82258	78872	81048	2.33	cps
Strontium	86-1	1283	1458	1400	1381	6.45	cps
Strontium	88-1	7694	7094	7277	7355	4.18	cps
Sulfur	34-1	474142	474270	476525	474979	0.28	cps
Terbium	159-1	3777428	3634055	3787075	3732852	2.30	cps
Terbium	159-2	1693052	1722064	1648641	1687919	2.19	cps
Thallium	203-1	2009	1909	1900	1939	3.11	cps
Thallium	205-1	4909	4793	4318	4673	6.71	cps
Tin	118-1	10346	10830	10749	10642	2.44	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	N4955-08	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:49:41	DataFile Name :	032LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2717	2734	2584	2678	3.07	cps
Uranium	238-1	5385	5526	4984	5298	5.30	cps
Vanadium	51-2	2790	2714	2817	2774	1.93	cps
Ytterbium	172-1	0	8	8	6	86.60	cps
Ytterbium	172-2	11	0	6	6	99.97	cps
Ytterbium	176-1	633	558	533	575	9.05	cps
Ytterbium	176-2	4445	4490	4990	4642	6.52	cps
Yttrium	89-1	5864661	5955382	5885696	5901913	0.80	cps
Yttrium	89-2	600945	599496	590427	596956	0.96	cps
Zinc	66-2	343	343	307	331	6.39	cps
Zirconium	90-1	5109	4684	5034	4943	4.59	cps
Zirconium	91-1	1092	1042	942	1025	7.45	cps

LB Number : LB123342 Operator : Jaswal
 Lab Sample ID : N4955-17 Instrumnet Name : P8
 Client Sample ID : LLOQ-WATER-QT4-2022 Dilution Factor : 1
 Date & Time Acquired : 2022-12-16 16:52:53 DataFile Name : 033LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	592	654	601	616	5.38	cps
Antimony	121-1	4926	5018	4651	4865	3.92	cps
Arsenic	75-2	100	76	91	89	13.62	cps
Barium	135-1	4776	5343	4893	5004	5.98	cps
Barium	137-1	9045	8628	8887	8853	2.38	cps
Beryllium	9-1	1985	2031	1929	1982	2.59	cps
Bismuth	209-1	2139378	1966348	2117963	2074563	4.55	cps
Bismuth	209-2	1147668	1162701	1164012	1158127	0.78	cps
Boron	10-1	6734	7444	7452	7210	5.72	cps
Boron	11-1	30017	31159	31988	31055	3.19	cps
Bromine	81-1	29120	27937	28148	28401	2.22	cps
Cadmium	111-1	850	956	943	916	6.27	cps
Cadmium	106-1	2050	2025	1767	1947	8.06	cps
Cadmium	108-1	96	108	54	86	32.94	cps
Calcium	43-1	5298	5352	5424	5358	1.18	cps
Calcium	44-1	99808	100187	98595	99530	0.84	cps
Carbon	12-1	6972411	6857978	6828621	6886337	1.10	cps
Carbon	12-2	73477	71960	70603	72013	2.00	cps
Chlorine	35-1	285018	283306	282881	283735	0.40	cps
Chlorine	35-2	1700	1800	1608	1703	5.63	cps
Chromium	52-2	1760	1717	1757	1745	1.38	cps
Cobalt	59-2	1393	1540	1357	1430	6.78	cps
Copper	63-2	2697	2900	2847	2815	3.75	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	8	25	14	69.31	cps
Erbium	164-2	3	10	0	4	114.60	cps
Gadolinium	160-1	33	58	42	44	28.64	cps
Gadolinium	160-2	63	57	67	62	8.18	cps
Holmium	165-1	3685591	3307429	3519961	3504327	5.41	cps
Holmium	165-2	1669124	1699317	1669463	1679302	1.03	cps
Indium	115-1	3434585	3188036	3470869	3364496	4.57	cps
Indium	115-2	514684	508871	501832	508462	1.27	cps
Iron	54-2	2217	2334	2200	2250	3.23	cps
Iron	56-2	34637	34213	33902	34251	1.08	cps
Iron	57-2	956	1100	1111	1056	8.22	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	N4955-17	Instrumnet Name :	P8
Client Sample ID :	LLOQ-WATER-QT4-2022	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:52:53	DataFile Name :	033LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	376	387	345	370	5.96	cps
Lead	206-1	1900	1789	1672	1787	6.37	cps
Lead	207-1	1533	1617	1645	1598	3.62	cps
Lead	208-1	7206	7268	7106	7194	1.13	cps
Lithium	6-1	3139708	2985930	3149870	3091836	2.97	cps
Magnesium	24-2	37808	38134	36121	37354	2.89	cps
Manganese	55-2	470	453	417	447	6.11	cps
Molybdenum	94-1	6477	5710	6177	6121	6.31	cps
Molybdenum	95-1	7294	7661	7002	7319	4.51	cps
Molybdenum	96-1	8311	8161	7919	8130	2.43	cps
Molybdenum	97-1	4484	4884	4634	4668	4.33	cps
Molybdenum	98-1	11380	11881	11030	11430	3.74	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	410	437	357	401	10.15	cps
Phosphorus	31-2	200	150	142	164	19.25	cps
Potassium	39-2	45581	46175	45481	45746	0.82	cps
Rhodium	103-1	3580921	3319290	3402438	3434216	3.89	cps
Rhodium	103-2	1519712	1542992	1518768	1527157	0.90	cps
Scandium	45-1	3085419	2848190	3005407	2979672	4.05	cps
Scandium	45-2	89782	89119	89018	89307	0.46	cps
Selenium	82-1	360	352	435	382	11.93	cps
Selenium	77-2	17	3	20	13	66.16	cps
Selenium	78-2	108	86	83	92	14.78	cps
Silicon	28-1	1191081	1198382	1207350	1198938	0.68	cps
Silver	107-1	4034	4001	3476	3837	8.17	cps
Silver	109-1	3242	3667	3867	3592	8.89	cps
Sodium	23-2	83204	84377	82241	83274	1.28	cps
Strontium	86-1	1583	1633	1492	1570	4.58	cps
Strontium	88-1	7811	7444	7411	7555	2.94	cps
Sulfur	34-1	480005	481827	481720	481184	0.21	cps
Terbium	159-1	3840529	3459493	3701344	3667122	5.26	cps
Terbium	159-2	1732021	1731068	1711226	1724772	0.68	cps
Thallium	203-1	2267	1967	2267	2167	7.99	cps
Thallium	205-1	4593	4718	4676	4662	1.37	cps
Tin	118-1	10874	11080	9862	10605	6.14	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	N4955-17	Instrumnet Name :	P8
Client Sample ID :	LLOQ-WATER-QT4-2022	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:52:53	DataFile Name :	033LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2717	2342	2767	2609	8.91	cps
Uranium	238-1	5310	5160	5476	5315	2.98	cps
Vanadium	51-2	3127	2897	2910	2978	4.34	cps
Ytterbium	172-1	17	8	25	17	50.01	cps
Ytterbium	172-2	6	17	0	7	114.54	cps
Ytterbium	176-1	592	525	683	600	13.25	cps
Ytterbium	176-2	4579	4895	5068	4847	5.12	cps
Yttrium	89-1	5914495	5555128	6173502	5881042	5.28	cps
Yttrium	89-2	613268	607012	610463	610248	0.51	cps
Zinc	66-2	350	390	323	354	9.47	cps
Zirconium	90-1	5268	5410	5268	5315	1.54	cps
Zirconium	91-1	1025	1075	1083	1061	2.97	cps

LB Number : LB123342 Operator : Jaswal
 Lab Sample ID : N4955-10 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
 Date & Time Acquired : 2022-12-16 16:57:32 DataFile Name : 034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	206	206	211	208	1.39	cps
Antimony	121-1	567	633	767	656	15.53	cps
Arsenic	75-2	17	20	28	22	26.24	cps
Barium	135-1	583	625	675	628	7.31	cps
Barium	137-1	1250	1150	1092	1164	6.88	cps
Beryllium	9-1	501	555	497	518	6.21	cps
Bismuth	209-1	2147233	2186537	2040558	2124776	3.56	cps
Bismuth	209-2	1147629	1153374	1165343	1155449	0.78	cps
Boron	10-1	1212	1222	1214	1216	0.43	cps
Boron	11-1	5404	5402	5186	5331	2.35	cps
Bromine	81-1	30655	29923	29140	29906	2.53	cps
Cadmium	111-1	388	362	385	378	3.68	cps
Cadmium	106-1	2175	1934	1967	2025	6.47	cps
Cadmium	108-1	25	21	29	25	16.68	cps
Calcium	43-1	466	431	379	425	10.35	cps
Calcium	44-1	18896	18984	18780	18887	0.54	cps
Carbon	12-1	7175320	7198397	7106325	7160014	0.67	cps
Carbon	12-2	72170	73266	72739	72725	0.75	cps
Chlorine	35-1	274134	271137	269872	271714	0.81	cps
Chlorine	35-2	1683	1633	1658	1658	1.51	cps
Chromium	52-2	477	450	477	468	3.29	cps
Cobalt	59-2	410	337	397	381	10.25	cps
Copper	63-2	1157	1110	1207	1158	4.18	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	0	25	17	86.60	cps
Erbium	164-2	10	3	3	6	69.34	cps
Gadolinium	160-1	33	25	42	33	25.01	cps
Gadolinium	160-2	63	60	57	60	5.55	cps
Holmium	165-1	3643898	3593071	3507172	3581381	1.93	cps
Holmium	165-2	1688227	1691825	1719081	1699711	0.99	cps
Indium	115-1	3545503	3444906	3466904	3485771	1.52	cps
Indium	115-2	508013	503654	506103	505923	0.43	cps
Iron	54-2	956	894	1050	967	8.11	cps
Iron	56-2	10454	10510	10104	10356	2.12	cps
Iron	57-2	611	506	500	539	11.62	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	N4955-10	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:57:32	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	320	331	401	351	12.55	cps
Lead	206-1	706	789	628	707	11.39	cps
Lead	207-1	694	600	600	632	8.64	cps
Lead	208-1	3028	2683	2722	2811	6.71	cps
Lithium	6-1	3080123	3089356	3078933	3082804	0.19	cps
Magnesium	24-2	2400	2250	2192	2281	4.71	cps
Manganese	55-2	253	200	300	251	19.93	cps
Molybdenum	94-1	1592	1658	1533	1595	3.92	cps
Molybdenum	95-1	1984	1675	1800	1820	8.52	cps
Molybdenum	96-1	2234	2359	2000	2197	8.28	cps
Molybdenum	97-1	1175	1133	1108	1139	2.96	cps
Molybdenum	98-1	3184	3084	2600	2956	10.56	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	150	153	167	157	5.63	cps
Phosphorus	31-2	158	167	208	178	15.07	cps
Potassium	39-2	23628	24680	24530	24279	2.34	cps
Rhodium	103-1	3549103	3689623	3479596	3572774	2.99	cps
Rhodium	103-2	1491934	1517416	1444580	1484643	2.49	cps
Scandium	45-1	3071791	3059230	3095917	3075646	0.61	cps
Scandium	45-2	89788	91540	88988	90105	1.45	cps
Selenium	82-1	266	221	137	208	31.37	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	62	59	64	62	4.08	cps
Silicon	28-1	1166236	1207227	1183436	1185633	1.74	cps
Silver	107-1	967	1142	1017	1042	8.65	cps
Silver	109-1	875	883	958	906	5.07	cps
Sodium	23-2	20231	20306	19347	19961	2.67	cps
Strontium	86-1	825	750	758	778	5.29	cps
Strontium	88-1	1934	1742	1909	1861	5.60	cps
Sulfur	34-1	478538	478976	474748	477421	0.49	cps
Terbium	159-1	3908816	3816649	3752804	3826090	2.05	cps
Terbium	159-2	1698346	1750261	1682673	1710427	2.07	cps
Thallium	203-1	650	617	675	647	4.52	cps
Thallium	205-1	1492	1450	1500	1481	1.81	cps
Tin	118-1	592	875	884	783	21.20	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	N4955-10	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 16:57:32	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	775	950	850	858	10.23	cps
Uranium	238-1	1575	1208	1508	1431	13.65	cps
Vanadium	51-2	157	127	170	151	14.69	cps
Ytterbium	172-1	25	17	42	28	45.82	cps
Ytterbium	172-2	17	22	22	20	15.73	cps
Ytterbium	176-1	467	558	375	467	19.64	cps
Ytterbium	176-2	4606	4623	4684	4638	0.88	cps
Yttrium	89-1	5933936	5955168	5880006	5923037	0.65	cps
Yttrium	89-2	595112	606899	602348	601453	0.99	cps
Zinc	66-2	133	133	137	134	1.43	cps
Zirconium	90-1	1358	1342	1350	1350	0.62	cps
Zirconium	91-1	367	283	258	303	18.73	cps

LB Number : LB123342 Operator : Jaswal
 Lab Sample ID : N4955-11 Instrumnet Name : P8
 Client Sample ID : LOQ-WATER-05-QT4-20 Dilution Factor : 1
 Date & Time Acquired : 2022-12-16 17:06:16 DataFile Name : 036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	604	674	626	635	5.63	cps
Antimony	121-1	5176	5001	4759	4979	4.20	cps
Arsenic	75-2	102	113	87	101	12.96	cps
Barium	135-1	5368	5385	5301	5351	0.82	cps
Barium	137-1	8753	8962	8678	8798	1.67	cps
Beryllium	9-1	2057	2029	1936	2007	3.16	cps
Bismuth	209-1	2088224	2105569	2152827	2115540	1.58	cps
Bismuth	209-2	1148591	1171367	1150495	1156818	1.09	cps
Boron	10-1	6122	6618	6912	6551	6.10	cps
Boron	11-1	27789	29498	30235	29174	4.30	cps
Bromine	81-1	30044	29632	29060	29579	1.67	cps
Cadmium	111-1	825	833	994	884	10.80	cps
Cadmium	106-1	1750	2017	1992	1920	7.67	cps
Cadmium	108-1	42	104	67	71	44.41	cps
Calcium	43-1	5389	5559	5359	5436	1.98	cps
Calcium	44-1	101514	99673	98266	99818	1.63	cps
Carbon	12-1	6923402	6936311	7085233	6981649	1.29	cps
Carbon	12-2	70855	70335	70311	70500	0.44	cps
Chlorine	35-1	237762	240252	235636	237883	0.97	cps
Chlorine	35-2	1567	1483	1442	1497	4.25	cps
Chromium	52-2	1800	1827	1713	1780	3.33	cps
Cobalt	59-2	1580	1460	1377	1472	6.94	cps
Copper	63-2	2760	3090	2867	2906	5.80	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	0	8	8	6	86.60	cps
Erbium	164-2	7	7	0	4	86.60	cps
Gadolinium	160-1	42	17	83	47	71.32	cps
Gadolinium	160-2	83	67	77	76	11.10	cps
Holmium	165-1	3479426	3566446	3555847	3533906	1.34	cps
Holmium	165-2	1710957	1745830	1663650	1706812	2.42	cps
Indium	115-1	3527157	3523773	3392366	3481099	2.21	cps
Indium	115-2	504697	516689	504841	508742	1.35	cps
Iron	54-2	2400	2417	2395	2404	0.48	cps
Iron	56-2	35205	34949	33517	34557	2.63	cps
Iron	57-2	1183	1200	1028	1137	8.35	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	N4955-11	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-05-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:06:16	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	347	389	411	382	8.45	cps
Lead	206-1	1650	1706	1800	1719	4.41	cps
Lead	207-1	1600	1595	1461	1552	5.07	cps
Lead	208-1	6895	6856	6934	6895	0.56	cps
Lithium	6-1	2991553	3044753	3084401	3040236	1.53	cps
Magnesium	24-2	38477	37340	37332	37716	1.75	cps
Manganese	55-2	460	450	400	437	7.36	cps
Molybdenum	94-1	6335	5876	6260	6157	3.99	cps
Molybdenum	95-1	7844	7661	7544	7683	1.97	cps
Molybdenum	96-1	8419	7961	8703	8361	4.48	cps
Molybdenum	97-1	4267	4843	4718	4609	6.56	cps
Molybdenum	98-1	11472	11664	11689	11608	1.02	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	440	420	427	429	2.37	cps
Phosphorus	31-2	250	267	275	264	4.82	cps
Potassium	39-2	45982	46642	46041	46222	0.79	cps
Rhodium	103-1	3635041	3534178	3597198	3588805	1.42	cps
Rhodium	103-2	1471419	1530460	1564979	1522286	3.11	cps
Scandium	45-1	2963443	3058051	3096085	3039193	2.25	cps
Scandium	45-2	90584	89991	91470	90682	0.82	cps
Selenium	82-1	520	392	361	425	19.81	cps
Selenium	77-2	13	13	13	13	0.00	cps
Selenium	78-2	97	84	90	90	7.20	cps
Silicon	28-1	1202705	1212032	1169152	1194630	1.89	cps
Silver	107-1	3909	4076	3617	3867	6.00	cps
Silver	109-1	3784	3401	3717	3634	5.64	cps
Sodium	23-2	85183	82475	83446	83702	1.64	cps
Strontium	86-1	1734	1525	1358	1539	12.21	cps
Strontium	88-1	7652	7460	7786	7633	2.14	cps
Sulfur	34-1	470316	477655	474556	474176	0.78	cps
Terbium	159-1	3730175	3756104	3813221	3766500	1.13	cps
Terbium	159-2	1681042	1715427	1672475	1689648	1.35	cps
Thallium	203-1	2034	2109	1700	1947	11.16	cps
Thallium	205-1	4809	4659	4493	4654	3.40	cps
Tin	118-1	10805	11239	11013	11019	1.97	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	N4955-11	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-05-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:06:16	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2859	2834	2867	2853	0.61	cps
Uranium	238-1	5451	5593	4801	5282	8.00	cps
Vanadium	51-2	2914	3074	3274	3087	5.84	cps
Ytterbium	172-1	25	58	8	31	83.33	cps
Ytterbium	172-2	11	17	6	11	49.99	cps
Ytterbium	176-1	600	450	450	500	17.32	cps
Ytterbium	176-2	4656	4351	5118	4708	8.20	cps
Yttrium	89-1	5812951	5856289	5840352	5836531	0.38	cps
Yttrium	89-2	614310	612647	606979	611312	0.63	cps
Zinc	66-2	480	380	373	411	14.53	cps
Zirconium	90-1	5093	5268	5059	5140	2.18	cps
Zirconium	91-1	1083	1217	1142	1147	5.83	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	N5388-01	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-QT4-2022-	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:09:30	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	289	279	290	286	2.16	cps
Antimony	121-1	2450	2042	2042	2178	10.83	cps
Arsenic	75-2	47	54	35	45	21.20	cps
Barium	135-1	2167	2075	1942	2061	5.49	cps
Barium	137-1	3834	3767	3559	3720	3.86	cps
Beryllium	9-1	871	921	887	893	2.86	cps
Bismuth	209-1	2169721	2143348	2087198	2133422	1.98	cps
Bismuth	209-2	1178586	1154750	1194609	1175981	1.71	cps
Boron	10-1	3768	3532	3718	3672	3.39	cps
Boron	11-1	16140	16594	16404	16379	1.39	cps
Bromine	81-1	30424	30164	29914	30167	0.85	cps
Cadmium	111-1	494	497	509	500	1.62	cps
Cadmium	106-1	1909	2000	1850	1920	3.94	cps
Cadmium	108-1	38	46	25	36	29.03	cps
Calcium	43-1	2507	2462	2375	2448	2.75	cps
Calcium	44-1	53216	53082	51338	52546	1.99	cps
Carbon	12-1	6942436	6898600	6665423	6835487	2.18	cps
Carbon	12-2	71063	70034	69549	70215	1.10	cps
Chlorine	35-1	232789	231046	232539	232124	0.41	cps
Chlorine	35-2	1467	1683	1325	1492	12.10	cps
Chromium	52-2	1003	1020	880	968	7.90	cps
Cobalt	59-2	587	683	727	666	10.77	cps
Copper	63-2	1457	1680	1660	1599	7.73	cps
Dysprosium	156-1	0	0	25	8	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	17	33	28	34.63	cps
Erbium	164-2	10	10	17	12	31.50	cps
Gadolinium	160-1	0	33	33	22	86.60	cps
Gadolinium	160-2	70	37	47	51	33.46	cps
Holmium	165-1	3706898	3619715	3622916	3649843	1.35	cps
Holmium	165-2	1725110	1657224	1765320	1715885	3.18	cps
Indium	115-1	3446216	3448924	3486356	3460499	0.65	cps
Indium	115-2	520250	502140	509451	510614	1.78	cps
Iron	54-2	3795	3745	3967	3836	3.04	cps
Iron	56-2	59725	57739	57081	58182	2.37	cps
Iron	57-2	1772	1872	1533	1726	10.09	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	N5388-01	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-QT4-2022-	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:09:30	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	435	399	364	399	8.93	cps
Lead	206-1	1000	1017	1050	1022	2.49	cps
Lead	207-1	767	822	800	796	3.51	cps
Lead	208-1	4028	3923	3839	3930	2.41	cps
Lithium	6-1	3040966	3119478	2994861	3051768	2.06	cps
Magnesium	24-2	17427	16476	17319	17074	3.05	cps
Manganese	55-2	233	237	187	219	12.77	cps
Molybdenum	94-1	3067	2659	2817	2848	7.23	cps
Molybdenum	95-1	3434	3301	3209	3314	3.41	cps
Molybdenum	96-1	4076	3817	3601	3831	6.21	cps
Molybdenum	97-1	1892	2067	2059	2006	4.92	cps
Molybdenum	98-1	5526	5326	4976	5276	5.28	cps
Neodymium	150-1	20	7	7	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	260	167	233	220	21.85	cps
Phosphorus	31-2	225	167	208	200	15.02	cps
Potassium	39-2	33180	34183	33481	33615	1.53	cps
Rhodium	103-1	3572893	3656521	3602760	3610725	1.17	cps
Rhodium	103-2	1566583	1495795	1552529	1538302	2.44	cps
Scandium	45-1	3099243	3052437	3114457	3088712	1.05	cps
Scandium	45-2	93053	89980	91138	91391	1.70	cps
Selenium	82-1	197	277	277	251	18.41	cps
Selenium	77-2	10	7	7	8	24.71	cps
Selenium	78-2	69	69	78	72	7.22	cps
Silicon	28-1	1171859	1192520	1202505	1188961	1.31	cps
Silver	107-1	1992	1850	1642	1828	9.63	cps
Silver	109-1	1734	1909	1533	1725	10.88	cps
Sodium	23-2	47161	47386	45547	46698	2.15	cps
Strontium	86-1	992	850	950	931	7.82	cps
Strontium	88-1	3567	3275	3275	3373	4.99	cps
Sulfur	34-1	481824	491249	485596	486223	0.98	cps
Terbium	159-1	3695215	3965063	3821816	3827365	3.53	cps
Terbium	159-2	1714746	1740231	1753475	1736150	1.13	cps
Thallium	203-1	958	917	850	908	6.02	cps
Thallium	205-1	2400	2267	2300	2322	2.99	cps
Tin	118-1	4718	5619	4768	5035	10.07	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	N5388-01	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-QT4-2022-	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:09:30	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1333	1275	1433	1347	5.94	cps
Uranium	238-1	2117	2359	2217	2231	5.44	cps
Vanadium	51-2	1373	1370	1223	1322	6.48	cps
Ytterbium	172-1	8	17	25	17	50.01	cps
Ytterbium	172-2	6	11	11	9	34.60	cps
Ytterbium	176-1	483	575	692	583	17.90	cps
Ytterbium	176-2	4706	4857	4662	4742	2.15	cps
Yttrium	89-1	5999394	6048143	6030364	6025967	0.41	cps
Yttrium	89-2	620571	600346	615712	612210	1.72	cps
Zinc	66-2	227	180	177	194	14.38	cps
Zirconium	90-1	2484	2300	2267	2350	4.97	cps
Zirconium	91-1	508	467	617	531	14.59	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:12:41	DataFile Name :	038CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1453227	1461645	1429166	1448013	1.16	cps
Antimony	121-1	1342934	1332056	1314410	1329800	1.08	cps
Arsenic	75-2	45320	44549	44546	44805	0.99	cps
Barium	135-1	1499155	1485992	1482559	1489235	0.59	cps
Barium	137-1	2539868	2601988	2568313	2570056	1.21	cps
Beryllium	9-1	936619	937849	923383	932617	0.86	cps
Bismuth	209-1	2074379	2071504	2087332	2077738	0.41	cps
Bismuth	209-2	1152071	1138661	1127422	1139385	1.08	cps
Boron	10-1	169778	174004	178636	174139	2.54	cps
Boron	11-1	736295	775085	786719	766033	3.45	cps
Bromine	81-1	29672	27766	29020	28820	3.36	cps
Cadmium	111-1	378460	384803	374510	379258	1.37	cps
Cadmium	106-1	47106	50067	48820	48664	3.05	cps
Cadmium	108-1	32927	32129	31874	32310	1.70	cps
Calcium	43-1	2744366	2776601	2765680	2762216	0.59	cps
Calcium	44-1	45341707	44579351	43586452	44502504	1.98	cps
Carbon	12-1	7282538	7453163	7673382	7469695	2.62	cps
Carbon	12-2	80797	82204	81543	81515	0.86	cps
Chlorine	35-1	262482	262913	259200	261532	0.78	cps
Chlorine	35-2	1450	1542	1633	1542	5.95	cps
Chromium	52-2	419927	405576	403926	409810	2.15	cps
Cobalt	59-2	731516	718799	694141	714819	2.66	cps
Copper	63-2	6284153	6198509	5943523	6142062	2.88	cps
Dysprosium	156-1	267	267	242	258	5.59	cps
Dysprosium	156-2	133	110	100	114	14.95	cps
Erbium	164-1	33	50	25	36	35.25	cps
Erbium	164-2	17	3	7	9	78.08	cps
Gadolinium	160-1	267	383	383	344	19.56	cps
Gadolinium	160-2	197	187	203	196	4.29	cps
Holmium	165-1	3666291	3576991	3784495	3675926	2.83	cps
Holmium	165-2	1802319	1738776	1790285	1777126	1.90	cps
Indium	115-1	3247928	3508504	3430823	3395751	3.94	cps
Indium	115-2	505871	503557	504890	504772	0.23	cps
Iron	54-2	4835437	4720950	4618502	4724963	2.30	cps
Iron	56-2	87023774	86240163	81237393	84833777	3.70	cps
Iron	57-2	2212992	2162912	2064374	2146759	3.52	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:12:41	DataFile Name :	038CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	395	376	344	372	6.98	cps
Lead	206-1	4543153	4297900	4429349	4423467	2.77	cps
Lead	207-1	4035176	3876911	3891450	3934512	2.22	cps
Lead	208-1	18072590	17309080	17698153	17693274	2.16	cps
Lithium	6-1	3029239	3009405	3039766	3026137	0.51	cps
Magnesium	24-2	20101717	19963615	19230931	19765421	2.37	cps
Manganese	55-2	2250373	2217909	2157463	2208582	2.13	cps
Molybdenum	94-1	5525758	5414501	5484212	5474824	1.03	cps
Molybdenum	95-1	7891522	7931863	7789413	7870933	0.93	cps
Molybdenum	96-1	8823044	9000615	8580899	8801520	2.39	cps
Molybdenum	97-1	5045635	4979788	4957924	4994449	0.91	cps
Molybdenum	98-1	12763054	12779412	12805874	12782780	0.17	cps
Neodymium	150-1	107	127	93	109	15.41	cps
Neodymium	150-2	13	10	7	10	33.30	cps
Nickel	60-2	217233	211253	207860	212115	2.24	cps
Phosphorus	31-2	21275	20515	20857	20882	1.82	cps
Potassium	39-2	6261479	6196628	6099253	6185787	1.32	cps
Rhodium	103-1	3459296	3451235	3471979	3460837	0.30	cps
Rhodium	103-2	1528961	1421095	1433217	1461091	4.04	cps
Scandium	45-1	3070921	3101166	3122737	3098275	0.84	cps
Scandium	45-2	89485	89803	91831	90373	1.41	cps
Selenium	82-1	42136	41694	42097	41976	0.58	cps
Selenium	77-2	1100	1233	1143	1159	5.87	cps
Selenium	78-2	4006	3833	3945	3928	2.23	cps
Silicon	28-1	8747053	9135019	8733752	8871941	2.57	cps
Silver	107-1	2143364	2183136	2126923	2151141	1.34	cps
Silver	109-1	1960595	2055372	2003543	2006503	2.37	cps
Sodium	23-2	36038561	35057351	34336429	35144114	2.43	cps
Strontium	86-1	12489370	12335573	11921323	12248755	2.40	cps
Strontium	88-1	105205136	105304127	104985394	105164886	0.16	cps
Sulfur	34-1	794417	797611	783699	791909	0.92	cps
Terbium	159-1	3848743	3783811	3997738	3876764	2.83	cps
Terbium	159-2	1778456	1786662	1747591	1770903	1.16	cps
Thallium	203-1	977642	973361	960763	970589	0.90	cps
Thallium	205-1	2462204	2421637	2421388	2435076	0.96	cps
Tin	118-1	1124805	1114785	1086472	1108687	1.79	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:12:41	DataFile Name :	038CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2753569	2731819	2867365	2784251	2.61	cps
Uranium	238-1	3357734	3237335	3136878	3243983	3.41	cps
Vanadium	51-2	332505	327220	322070	327265	1.59	cps
Ytterbium	172-1	83	175	133	131	35.15	cps
Ytterbium	172-2	33	44	50	43	19.93	cps
Ytterbium	176-1	4868	5143	5176	5062	3.34	cps
Ytterbium	176-2	6857	6963	6869	6896	0.84	cps
Yttrium	89-1	6118520	6146069	6117254	6127281	0.27	cps
Yttrium	89-2	618117	617181	621738	619012	0.39	cps
Zinc	66-2	730484	694653	697611	707583	2.81	cps
Zirconium	90-1	2752429	2827214	2735942	2771862	1.75	cps
Zirconium	91-1	599254	624388	602121	608588	2.26	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:18:29	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	61	46	71	60	21.12	cps
Antimony	121-1	175	225	275	225	22.22	cps
Arsenic	75-2	4	8	2	5	65.47	cps
Barium	135-1	33	8	17	19	65.47	cps
Barium	137-1	25	25	83	44	75.78	cps
Beryllium	9-1	86	91	79	85	7.37	cps
Bismuth	209-1	2049955	2224611	2117092	2130553	4.14	cps
Bismuth	209-2	1173772	1197105	1169570	1180149	1.26	cps
Boron	10-1	5086	4884	4712	4894	3.83	cps
Boron	11-1	21537	21331	20534	21134	2.51	cps
Bromine	81-1	28779	28579	26954	28104	3.56	cps
Cadmium	111-1	185	168	208	187	10.76	cps
Cadmium	106-1	1867	1625	1959	1817	9.48	cps
Cadmium	108-1	21	17	25	21	19.99	cps
Calcium	43-1	192	154	157	168	12.73	cps
Calcium	44-1	14372	14350	14237	14320	0.51	cps
Carbon	12-1	6856416	6720736	6844890	6807347	1.11	cps
Carbon	12-2	70670	68845	69456	69657	1.33	cps
Chlorine	35-1	217669	217922	216570	217387	0.33	cps
Chlorine	35-2	1208	1308	1258	1258	3.97	cps
Chromium	52-2	390	327	297	338	14.11	cps
Cobalt	59-2	60	57	40	52	20.52	cps
Copper	63-2	623	670	580	624	7.21	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	33	8	19	65.47	cps
Erbium	164-2	3	10	3	6	69.34	cps
Gadolinium	160-1	33	25	17	25	33.32	cps
Gadolinium	160-2	70	67	53	63	13.93	cps
Holmium	165-1	3466981	3704348	3574947	3582092	3.32	cps
Holmium	165-2	1728948	1720640	1759790	1736459	1.19	cps
Indium	115-1	3191284	3527816	3525431	3414844	5.67	cps
Indium	115-2	506836	504219	508215	506423	0.40	cps
Iron	54-2	489	539	600	543	10.26	cps
Iron	56-2	2767	2828	2978	2858	3.80	cps
Iron	57-2	261	261	294	272	7.07	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:18:29	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	341	362	334	346	4.31	cps
Lead	206-1	311	322	311	315	2.04	cps
Lead	207-1	294	300	256	283	8.55	cps
Lead	208-1	1411	1361	1222	1332	7.35	cps
Lithium	6-1	2942725	3104694	3136943	3061454	3.40	cps
Magnesium	24-2	342	458	450	417	15.62	cps
Manganese	55-2	70	50	63	61	16.66	cps
Molybdenum	94-1	158	175	183	172	7.39	cps
Molybdenum	95-1	183	117	192	164	25.08	cps
Molybdenum	96-1	258	233	217	236	8.88	cps
Molybdenum	97-1	75	67	150	97	47.21	cps
Molybdenum	98-1	275	317	242	278	13.53	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	27	27	13	22	34.66	cps
Phosphorus	31-2	133	175	142	150	14.70	cps
Potassium	39-2	23244	22819	22309	22791	2.05	cps
Rhodium	103-1	3456968	3638241	3638515	3577908	2.93	cps
Rhodium	103-2	1523044	1498811	1531811	1517889	1.13	cps
Scandium	45-1	2914364	3020649	3058360	2997791	2.49	cps
Scandium	45-2	89735	88605	89437	89259	0.66	cps
Selenium	82-1	14	-4	-8	1	1361.07	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	57	44	41	47	17.98	cps
Silicon	28-1	1159829	1175741	1176588	1170719	0.81	cps
Silver	107-1	125	58	167	117	46.84	cps
Silver	109-1	117	100	108	108	7.69	cps
Sodium	23-2	17736	17886	18420	18014	2.00	cps
Strontium	86-1	600	667	683	650	6.78	cps
Strontium	88-1	908	1017	983	970	5.72	cps
Sulfur	34-1	460159	461931	461831	461307	0.22	cps
Terbium	159-1	3624771	3862850	3965027	3817549	4.57	cps
Terbium	159-2	1745229	1665956	1812849	1741345	4.22	cps
Thallium	203-1	217	200	200	206	4.68	cps
Thallium	205-1	533	458	508	500	7.64	cps
Tin	118-1	1376	2563	1701	1880	32.63	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:18:29	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	192	175	217	194	10.79	cps
Uranium	238-1	17	25	17	19	24.73	cps
Vanadium	51-2	13	3	0	6	124.93	cps
Ytterbium	172-1	33	17	8	19	65.47	cps
Ytterbium	172-2	11	6	11	9	34.60	cps
Ytterbium	176-1	500	450	492	481	5.57	cps
Ytterbium	176-2	4584	4562	4679	4608	1.34	cps
Yttrium	89-1	5793922	6039147	5953754	5928941	2.10	cps
Yttrium	89-2	607883	600973	608461	605773	0.69	cps
Zinc	66-2	90	70	80	80	12.50	cps
Zirconium	90-1	275	350	258	294	16.59	cps
Zirconium	91-1	17	50	58	42	52.91	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	N5388-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT4-2022-07	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:21:42	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	315	276	281	291	7.25	cps
Antimony	121-1	2234	2292	2200	2242	2.07	cps
Arsenic	75-2	36	46	42	41	12.18	cps
Barium	135-1	2317	2242	2009	2189	7.35	cps
Barium	137-1	3776	3942	3917	3878	2.32	cps
Beryllium	9-1	919	975	965	953	3.15	cps
Bismuth	209-1	2195664	2175823	2270201	2213896	2.25	cps
Bismuth	209-2	1155036	1162741	1144281	1154019	0.80	cps
Boron	10-1	5534	5670	5672	5625	1.41	cps
Boron	11-1	24738	25495	25233	25155	1.53	cps
Bromine	81-1	28800	27295	28328	28141	2.74	cps
Cadmium	111-1	616	543	504	554	10.22	cps
Cadmium	106-1	1984	1992	2267	2081	7.75	cps
Cadmium	108-1	17	50	50	39	49.48	cps
Calcium	43-1	2460	2511	2267	2413	5.33	cps
Calcium	44-1	52533	52119	51334	51995	1.17	cps
Carbon	12-1	6880136	6707648	6755779	6781188	1.31	cps
Carbon	12-2	70260	69925	68636	69607	1.23	cps
Chlorine	35-1	205129	203633	201124	203295	1.00	cps
Chlorine	35-2	1250	1233	1167	1217	3.62	cps
Chromium	52-2	940	917	957	938	2.14	cps
Cobalt	59-2	590	633	590	604	4.14	cps
Copper	63-2	1597	1520	1500	1539	3.32	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	50	25	25	33	43.30	cps
Erbium	164-2	3	7	0	3	100.05	cps
Gadolinium	160-1	8	33	17	19	65.47	cps
Gadolinium	160-2	53	33	70	52	35.16	cps
Holmium	165-1	3673291	3632702	4013071	3773021	5.54	cps
Holmium	165-2	1715319	1743716	1680599	1713212	1.85	cps
Indium	115-1	3410708	3589903	3692774	3564462	4.00	cps
Indium	115-2	506628	509680	506108	507472	0.38	cps
Iron	54-2	3901	3639	3450	3664	6.17	cps
Iron	56-2	56914	58978	57282	57724	1.91	cps
Iron	57-2	1528	1678	1561	1589	4.96	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	N5388-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT4-2022-07	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:21:42	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	416	359	347	374	9.86	cps
Lead	206-1	1000	967	967	978	1.97	cps
Lead	207-1	844	917	856	872	4.46	cps
Lead	208-1	3928	3856	4095	3960	3.09	cps
Lithium	6-1	3040111	3095867	3179011	3104996	2.25	cps
Magnesium	24-2	16193	17077	15792	16354	4.02	cps
Manganese	55-2	243	213	227	228	6.60	cps
Molybdenum	94-1	2692	2800	2700	2731	2.21	cps
Molybdenum	95-1	3584	3134	2984	3234	9.66	cps
Molybdenum	96-1	4009	3684	3376	3689	8.59	cps
Molybdenum	97-1	2184	2092	1834	2036	8.91	cps
Molybdenum	98-1	5109	5476	4784	5123	6.76	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	177	240	160	192	21.96	cps
Phosphorus	31-2	183	217	142	181	20.81	cps
Potassium	39-2	32587	33197	30884	32223	3.72	cps
Rhodium	103-1	3634835	3512441	3861413	3669563	4.83	cps
Rhodium	103-2	1560710	1550120	1532277	1547702	0.93	cps
Scandium	45-1	3082935	3102232	3269007	3151391	3.25	cps
Scandium	45-2	87924	88387	88917	88409	0.56	cps
Selenium	82-1	255	286	232	258	10.47	cps
Selenium	77-2	7	7	13	9	43.25	cps
Selenium	78-2	66	54	70	63	13.15	cps
Silicon	28-1	1164583	1149335	1168563	1160827	0.87	cps
Silver	107-1	1950	1692	1742	1795	7.64	cps
Silver	109-1	1383	1775	1533	1564	12.64	cps
Sodium	23-2	45906	46099	45104	45703	1.15	cps
Strontium	86-1	1058	933	908	967	8.31	cps
Strontium	88-1	3992	4134	3609	3912	6.95	cps
Sulfur	34-1	462575	468143	464899	465206	0.60	cps
Terbium	159-1	3947166	3774055	4106423	3942548	4.22	cps
Terbium	159-2	1745135	1690432	1710353	1715307	1.61	cps
Thallium	203-1	1008	1058	842	970	11.70	cps
Thallium	205-1	2425	2459	2159	2348	7.01	cps
Tin	118-1	5176	5159	4776	5037	4.49	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	N5388-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT4-2022-07	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:21:42	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1367	1408	1267	1347	5.40	cps
Uranium	238-1	2317	2475	2225	2339	5.41	cps
Vanadium	51-2	1203	1223	1163	1197	2.55	cps
Ytterbium	172-1	58	8	33	33	75.01	cps
Ytterbium	172-2	11	17	0	9	91.66	cps
Ytterbium	176-1	450	650	625	575	18.95	cps
Ytterbium	176-2	4745	5001	4595	4781	4.29	cps
Yttrium	89-1	5944922	6094442	6199867	6079744	2.11	cps
Yttrium	89-2	592179	609206	595249	598878	1.52	cps
Zinc	66-2	200	200	210	203	2.84	cps
Zirconium	90-1	2400	2500	2075	2325	9.56	cps
Zirconium	91-1	408	600	750	586	29.22	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB149655BL	Instrumnet Name :	P8
Client Sample ID :	PB149655BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:24:53	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	65	71	66	67	4.90	cps
Antimony	121-1	75	83	108	89	19.52	cps
Arsenic	75-2	5	6	0	4	87.67	cps
Barium	135-1	25	33	8	22	57.29	cps
Barium	137-1	25	25	8	19	49.50	cps
Beryllium	9-1	67	60	65	64	5.95	cps
Bismuth	209-1	2138379	2231658	2125698	2165245	2.67	cps
Bismuth	209-2	1167854	1167305	1191613	1175591	1.18	cps
Boron	10-1	2642	2610	2520	2590	2.44	cps
Boron	11-1	11648	11076	11210	11311	2.65	cps
Bromine	81-1	28278	28067	27836	28060	0.79	cps
Cadmium	111-1	172	192	226	197	13.92	cps
Cadmium	106-1	1834	1900	2042	1925	5.53	cps
Cadmium	108-1	17	21	17	18	13.30	cps
Calcium	43-1	156	152	130	146	9.71	cps
Calcium	44-1	14212	14516	14502	14410	1.19	cps
Carbon	12-1	6788153	6700962	6716978	6735364	0.69	cps
Carbon	12-2	70645	68536	68886	69356	1.63	cps
Chlorine	35-1	181545	181350	179696	180864	0.56	cps
Chlorine	35-2	1108	1108	942	1053	9.14	cps
Chromium	52-2	233	340	333	302	19.77	cps
Cobalt	59-2	33	77	57	56	39.04	cps
Copper	63-2	517	663	553	578	13.21	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	8	25	8	14	69.31	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	17	75	50	47	61.97	cps
Gadolinium	160-2	43	60	43	49	19.69	cps
Holmium	165-1	3588730	3625358	3770621	3661570	2.63	cps
Holmium	165-2	1705198	1645611	1625045	1658618	2.51	cps
Indium	115-1	3442090	3379241	3482009	3434447	1.51	cps
Indium	115-2	510710	497069	509608	505796	1.50	cps
Iron	54-2	489	528	506	507	3.85	cps
Iron	56-2	2439	2172	2161	2258	6.97	cps
Iron	57-2	267	300	267	278	6.93	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB149655BL	Instrumnet Name :	P8
Client Sample ID :	PB149655BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:24:53	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	434	354	362	383	11.45	cps
Lead	206-1	272	344	261	293	15.47	cps
Lead	207-1	306	228	322	285	17.68	cps
Lead	208-1	1239	1322	1306	1289	3.42	cps
Lithium	6-1	3058453	3084244	3060091	3067596	0.47	cps
Magnesium	24-2	342	442	258	347	26.44	cps
Manganese	55-2	37	53	27	39	34.63	cps
Molybdenum	94-1	100	150	117	122	20.83	cps
Molybdenum	95-1	50	67	50	56	17.32	cps
Molybdenum	96-1	158	125	133	139	12.49	cps
Molybdenum	97-1	75	50	25	50	50.00	cps
Molybdenum	98-1	100	117	125	114	11.18	cps
Neodymium	150-1	20	13	13	16	24.76	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	13	27	37	26	45.82	cps
Phosphorus	31-2	258	183	117	186	38.08	cps
Potassium	39-2	23720	22318	22643	22894	3.21	cps
Rhodium	103-1	3563925	3441393	3640312	3548543	2.83	cps
Rhodium	103-2	1572759	1537809	1556850	1555806	1.12	cps
Scandium	45-1	2921634	3006039	3086640	3004771	2.75	cps
Scandium	45-2	87090	90218	89027	88778	1.78	cps
Selenium	82-1	-57	6	15	-12	-327.56	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	45	43	64	51	22.89	cps
Silicon	28-1	1169617	1138565	1146205	1151463	1.41	cps
Silver	107-1	83	117	50	83	40.00	cps
Silver	109-1	92	108	50	83	36.06	cps
Sodium	23-2	16276	17010	15817	16368	3.68	cps
Strontium	86-1	808	650	758	739	10.95	cps
Strontium	88-1	492	533	867	631	32.60	cps
Sulfur	34-1	465935	468918	469445	468099	0.40	cps
Terbium	159-1	3698987	3790175	3840620	3776594	1.90	cps
Terbium	159-2	1656112	1739307	1686228	1693883	2.49	cps
Thallium	203-1	158	217	175	183	16.39	cps
Thallium	205-1	408	475	450	444	7.58	cps
Tin	118-1	492	167	150	270	71.52	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB149655BL	Instrumnet Name :	P8
Client Sample ID :	PB149655BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:24:53	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	200	167	192	186	9.32	cps
Uranium	238-1	8	42	25	25	66.68	cps
Vanadium	51-2	3	0	7	3	100.05	cps
Ytterbium	172-1	25	8	0	11	114.58	cps
Ytterbium	172-2	6	6	11	7	43.24	cps
Ytterbium	176-1	525	642	608	592	10.16	cps
Ytterbium	176-2	4701	4840	4745	4762	1.49	cps
Yttrium	89-1	5744219	6035627	6055972	5945273	2.93	cps
Yttrium	89-2	612344	608950	592664	604653	1.74	cps
Zinc	66-2	60	83	93	79	21.68	cps
Zirconium	90-1	175	200	267	214	22.15	cps
Zirconium	91-1	33	42	58	44	28.64	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB149655BS	Instrumnet Name :	P8
Client Sample ID :	PB149655BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:28:06	DataFile Name :	042LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1186	1174	1185	1182	0.58	cps
Antimony	121-1	10663	9962	9996	10207	3.87	cps
Arsenic	75-2	162	188	193	181	9.19	cps
Barium	135-1	10454	9754	9654	9954	4.38	cps
Barium	137-1	19047	17595	17111	17918	5.62	cps
Beryllium	9-1	3904	3910	3859	3891	0.72	cps
Bismuth	209-1	2262505	2315939	2231257	2269900	1.89	cps
Bismuth	209-2	1170892	1162731	1180610	1171411	0.76	cps
Boron	10-1	13251	14664	14652	14189	5.73	cps
Boron	11-1	58480	63640	63126	61749	4.60	cps
Bromine	81-1	26934	28950	27415	27766	3.79	cps
Cadmium	111-1	1740	1854	1571	1722	8.27	cps
Cadmium	106-1	2350	2217	2434	2334	4.68	cps
Cadmium	108-1	142	121	133	132	7.95	cps
Calcium	43-1	11070	10808	10659	10846	1.92	cps
Calcium	44-1	190278	191055	181443	187592	2.85	cps
Carbon	12-1	6866250	6760082	6712561	6779631	1.16	cps
Carbon	12-2	69817	69155	70001	69657	0.64	cps
Chlorine	35-1	182759	181695	182515	182323	0.31	cps
Chlorine	35-2	1058	1108	1108	1092	2.64	cps
Chromium	52-2	3787	3610	3661	3686	2.47	cps
Cobalt	59-2	2970	2940	2857	2923	2.01	cps
Copper	63-2	5154	4958	4684	4932	4.79	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	17	25	8	17	50.01	cps
Erbium	164-2	13	7	13	11	34.61	cps
Gadolinium	160-1	33	33	17	28	34.63	cps
Gadolinium	160-2	67	70	43	60	24.22	cps
Holmium	165-1	3676366	3907727	3789523	3791205	3.05	cps
Holmium	165-2	1767500	1779914	1714475	1753963	1.98	cps
Indium	115-1	3428069	3679086	3610705	3572620	3.63	cps
Indium	115-2	519479	504823	513273	512525	1.44	cps
Iron	54-2	15041	14330	14196	14522	3.13	cps
Iron	56-2	258597	253689	252027	254771	1.34	cps
Iron	57-2	6496	6629	6346	6490	2.18	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB149655BS	Instrumnet Name :	P8
Client Sample ID :	PB149655BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:28:06	DataFile Name :	042LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	342	382	371	365	5.65	cps
Lead	206-1	3456	3439	3234	3376	3.67	cps
Lead	207-1	3162	3028	2711	2967	7.79	cps
Lead	208-1	13792	13859	12831	13494	4.26	cps
Lithium	6-1	3049188	3193107	3079090	3107128	2.44	cps
Magnesium	24-2	78486	75538	71041	75022	5.00	cps
Manganese	55-2	903	843	880	876	3.45	cps
Molybdenum	94-1	5943	5910	5335	5729	5.97	cps
Molybdenum	95-1	3651	3576	3626	3617	1.06	cps
Molybdenum	96-1	4918	4968	4159	4681	9.68	cps
Molybdenum	97-1	2275	2342	2134	2250	4.73	cps
Molybdenum	98-1	5976	5851	5468	5765	4.60	cps
Neodymium	150-1	13	0	20	11	91.66	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	887	950	860	899	5.14	cps
Phosphorus	31-2	208	200	150	186	16.95	cps
Potassium	39-2	71553	69057	68731	69780	2.21	cps
Rhodium	103-1	3616898	3715605	3638618	3657040	1.42	cps
Rhodium	103-2	1592128	1538640	1534915	1555228	2.06	cps
Scandium	45-1	3048395	3134176	3166062	3116211	1.95	cps
Scandium	45-2	92295	90299	89084	90559	1.79	cps
Selenium	82-1	836	815	794	815	2.61	cps
Selenium	77-2	33	27	10	23	51.50	cps
Selenium	78-2	144	132	113	130	12.06	cps
Silicon	28-1	1209159	1216395	1214424	1213326	0.31	cps
Silver	107-1	7169	8036	7611	7605	5.70	cps
Silver	109-1	7169	7361	6693	7074	4.85	cps
Sodium	23-2	155566	150271	145330	150389	3.40	cps
Strontium	86-1	2417	2217	2525	2386	6.56	cps
Strontium	88-1	16118	16794	15876	16263	2.92	cps
Sulfur	34-1	466922	469537	470744	469068	0.42	cps
Terbium	159-1	3916232	4048889	3942325	3969149	1.77	cps
Terbium	159-2	1750178	1765213	1701749	1739047	1.91	cps
Thallium	203-1	3442	4109	3934	3828	9.03	cps
Thallium	205-1	9621	9570	8787	9326	5.02	cps
Tin	118-1	608	400	625	544	23.03	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB149655BS	Instrumnet Name :	P8
Client Sample ID :	PB149655BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:28:06	DataFile Name :	042LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5343	5460	5610	5471	2.44	cps
Uranium	238-1	11455	11105	10788	11116	3.00	cps
Vanadium	51-2	6245	6121	5805	6057	3.75	cps
Ytterbium	172-1	17	0	25	14	91.65	cps
Ytterbium	172-2	11	6	0	6	99.97	cps
Ytterbium	176-1	675	667	675	672	0.72	cps
Ytterbium	176-2	4818	4851	4718	4795	1.45	cps
Yttrium	89-1	5899611	6292628	6012585	6068275	3.33	cps
Yttrium	89-2	610156	604860	609954	608323	0.49	cps
Zinc	66-2	1697	1630	1520	1616	5.52	cps
Zirconium	90-1	10621	9879	10212	10237	3.63	cps
Zirconium	91-1	2192	2300	2334	2275	3.26	cps

LB Number : LB123342 Operator : Jaswal
 Lab Sample ID : PB148728BL Instrumnet Name : P8
 Client Sample ID : PB148728BL Dilution Factor : 1
 Date & Time Acquired : 2022-12-16 17:35:10 DataFile Name : 044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	71	64	62	66	7.19	cps
Antimony	121-1	42	67	33	47	36.74	cps
Arsenic	75-2	4	2	3	3	33.33	cps
Barium	135-1	25	17	0	14	91.65	cps
Barium	137-1	17	8	25	17	50.01	cps
Beryllium	9-1	54	47	51	51	6.19	cps
Bismuth	209-1	2238444	2121853	2139490	2166596	2.90	cps
Bismuth	209-2	1206770	1201074	1168723	1192189	1.72	cps
Boron	10-1	1514	1624	1548	1562	3.61	cps
Boron	11-1	7010	6850	6736	6866	2.01	cps
Bromine	81-1	28128	28850	29441	28806	2.28	cps
Cadmium	111-1	228	194	195	206	9.41	cps
Cadmium	106-1	2175	1934	1959	2022	6.57	cps
Cadmium	108-1	8	17	13	13	33.36	cps
Calcium	43-1	145	166	151	154	7.08	cps
Calcium	44-1	14365	14616	14124	14368	1.71	cps
Carbon	12-1	6925395	6991656	6802233	6906428	1.39	cps
Carbon	12-2	70369	70628	68585	69861	1.59	cps
Chlorine	35-1	174964	169163	167966	170698	2.19	cps
Chlorine	35-2	792	1058	1008	953	14.88	cps
Chromium	52-2	290	320	283	298	6.56	cps
Cobalt	59-2	50	57	57	54	7.07	cps
Copper	63-2	540	613	567	573	6.47	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	50	8	8	22	108.27	cps
Erbium	164-2	10	13	7	10	33.30	cps
Gadolinium	160-1	33	42	8	28	62.46	cps
Gadolinium	160-2	57	77	43	59	28.49	cps
Holmium	165-1	3607397	3631834	3691560	3643597	1.19	cps
Holmium	165-2	1737926	1711844	1720410	1723393	0.77	cps
Indium	115-1	3636138	3500142	3406464	3514248	3.29	cps
Indium	115-2	508815	513421	516481	512906	0.75	cps
Iron	54-2	583	644	511	580	11.52	cps
Iron	56-2	2206	2178	2206	2196	0.73	cps
Iron	57-2	283	350	311	315	10.64	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB148728BL	Instrumnet Name :	P8
Client Sample ID :	PB148728BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:35:10	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	370	384	332	362	7.33	cps
Lead	206-1	333	350	333	339	2.84	cps
Lead	207-1	239	344	311	298	18.10	cps
Lead	208-1	1211	1395	1261	1289	7.35	cps
Lithium	6-1	3170070	2934086	3002675	3035610	4.00	cps
Magnesium	24-2	192	258	300	250	21.86	cps
Manganese	55-2	27	40	23	30	29.40	cps
Molybdenum	94-1	75	67	117	86	31.11	cps
Molybdenum	95-1	33	58	50	47	26.97	cps
Molybdenum	96-1	175	183	125	161	19.58	cps
Molybdenum	97-1	33	42	17	31	41.66	cps
Molybdenum	98-1	92	42	100	78	40.56	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	23	50	43	39	35.69	cps
Phosphorus	31-2	217	142	150	169	24.26	cps
Potassium	39-2	22944	22276	22769	22663	1.53	cps
Rhodium	103-1	3702357	3627630	3515470	3615152	2.60	cps
Rhodium	103-2	1541280	1548017	1553754	1547684	0.40	cps
Scandium	45-1	3135930	2993056	3145445	3091477	2.76	cps
Scandium	45-2	90973	91638	90486	91032	0.63	cps
Selenium	82-1	13	-29	44	9	396.71	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	62	44	45	50	20.11	cps
Silicon	28-1	1155270	1153017	1153474	1153920	0.10	cps
Silver	107-1	42	133	50	75	67.59	cps
Silver	109-1	67	92	92	83	17.32	cps
Sodium	23-2	15992	15659	15892	15848	1.08	cps
Strontium	86-1	742	775	625	714	11.03	cps
Strontium	88-1	267	700	267	411	60.87	cps
Sulfur	34-1	468575	468033	472267	469625	0.49	cps
Terbium	159-1	3986586	3871517	3843648	3900584	1.94	cps
Terbium	159-2	1733498	1715452	1711014	1719988	0.69	cps
Thallium	203-1	217	150	167	178	19.52	cps
Thallium	205-1	425	433	400	419	4.14	cps
Tin	118-1	283	960	175	473	89.96	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB148728BL	Instrumnet Name :	P8
Client Sample ID :	PB148728BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:35:10	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	258	275	258	264	3.65	cps
Uranium	238-1	25	25	17	22	21.64	cps
Vanadium	51-2	3	3	3	3	0.00	cps
Ytterbium	172-1	17	33	25	25	33.32	cps
Ytterbium	172-2	11	11	0	7	86.60	cps
Ytterbium	176-1	583	517	483	528	9.65	cps
Ytterbium	176-2	4606	4601	4807	4671	2.51	cps
Yttrium	89-1	6340868	5961106	6009838	6103937	3.39	cps
Yttrium	89-2	612547	606182	608290	609006	0.53	cps
Zinc	66-2	63	57	70	63	10.52	cps
Zirconium	90-1	267	333	233	278	18.33	cps
Zirconium	91-1	33	42	58	44	28.64	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB148728BS	Instrumnet Name :	P8
Client Sample ID :	PB148728BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:38:20	DataFile Name :	045LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1225	1237	1179	1214	2.55	cps
Antimony	121-1	10046	10596	9412	10018	5.92	cps
Arsenic	75-2	204	227	220	217	5.43	cps
Barium	135-1	10288	10930	10696	10638	3.06	cps
Barium	137-1	18563	19197	17879	18547	3.56	cps
Beryllium	9-1	3928	4095	3836	3953	3.32	cps
Bismuth	209-1	2188884	2079544	2186907	2151778	2.91	cps
Bismuth	209-2	1192186	1188158	1218065	1199470	1.35	cps
Boron	10-1	13568	14094	14082	13914	2.16	cps
Boron	11-1	58016	61716	62616	60783	4.01	cps
Bromine	81-1	30856	28439	27917	29070	5.39	cps
Cadmium	111-1	1750	1819	1782	1784	1.93	cps
Cadmium	106-1	2467	2050	2234	2250	9.28	cps
Cadmium	108-1	108	129	167	135	21.94	cps
Calcium	43-1	11090	11388	10674	11051	3.25	cps
Calcium	44-1	195520	192786	189119	192475	1.67	cps
Carbon	12-1	6893997	6734694	6826791	6818494	1.17	cps
Carbon	12-2	71139	69029	69305	69824	1.64	cps
Chlorine	35-1	173404	169677	169154	170745	1.36	cps
Chlorine	35-2	1050	1008	967	1008	4.13	cps
Chromium	52-2	3947	3657	3704	3769	4.13	cps
Cobalt	59-2	3117	2960	2837	2971	4.72	cps
Copper	63-2	5154	4871	5164	5063	3.29	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	8	25	25	19	49.50	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	33	33	75	47	50.95	cps
Gadolinium	160-2	63	63	70	66	5.87	cps
Holmium	165-1	3664790	3625069	3677035	3655631	0.74	cps
Holmium	165-2	1802045	1721755	1858857	1794219	3.84	cps
Indium	115-1	3540060	3519688	3469393	3509714	1.04	cps
Indium	115-2	524926	519204	525509	523213	0.67	cps
Iron	54-2	15503	15008	14769	15093	2.48	cps
Iron	56-2	271384	269849	256582	265938	3.06	cps
Iron	57-2	7246	7141	6907	7098	2.44	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB148728BS	Instrumnet Name :	P8
Client Sample ID :	PB148728BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:38:20	DataFile Name :	045LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	374	350	395	373	6.04	cps
Lead	206-1	3495	3712	3434	3547	4.12	cps
Lead	207-1	3045	2828	3123	2999	5.09	cps
Lead	208-1	13597	13636	14187	13807	2.39	cps
Lithium	6-1	3158426	3021362	3113823	3097870	2.26	cps
Magnesium	24-2	79928	80289	76166	78795	2.90	cps
Manganese	55-2	1023	847	880	917	10.24	cps
Molybdenum	94-1	5510	5985	5860	5785	4.26	cps
Molybdenum	95-1	3492	3726	3442	3553	4.26	cps
Molybdenum	96-1	4834	4568	4359	4587	5.19	cps
Molybdenum	97-1	2184	2100	2400	2228	6.95	cps
Molybdenum	98-1	6018	5868	5610	5832	3.54	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	943	877	877	899	4.28	cps
Phosphorus	31-2	158	167	208	178	15.07	cps
Potassium	39-2	72710	71369	69509	71196	2.26	cps
Rhodium	103-1	3754509	3700816	3602059	3685795	2.10	cps
Rhodium	103-2	1576001	1589175	1604678	1589951	0.90	cps
Scandium	45-1	3105264	3093629	3116730	3105208	0.37	cps
Scandium	45-2	91984	91218	93548	92250	1.29	cps
Selenium	82-1	824	896	822	847	4.98	cps
Selenium	77-2	13	17	10	13	25.01	cps
Selenium	78-2	102	114	119	112	7.82	cps
Silicon	28-1	1215353	1210853	1210078	1212095	0.23	cps
Silver	107-1	7769	7461	7827	7686	2.57	cps
Silver	109-1	7327	7619	7294	7413	2.41	cps
Sodium	23-2	163523	154725	154491	157579	3.27	cps
Strontium	86-1	2525	2817	2475	2606	7.08	cps
Strontium	88-1	17703	17487	17511	17567	0.68	cps
Sulfur	34-1	472582	481029	478780	477464	0.92	cps
Terbium	159-1	3919387	3707201	3830574	3819054	2.79	cps
Terbium	159-2	1704081	1786428	1723152	1737887	2.48	cps
Thallium	203-1	3742	3734	3876	3784	2.10	cps
Thallium	205-1	9762	9237	9295	9432	3.05	cps
Tin	118-1	650	508	817	658	23.46	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB148728BS	Instrumnet Name :	P8
Client Sample ID :	PB148728BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:38:20	DataFile Name :	045LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5268	5993	5626	5629	6.44	cps
Uranium	238-1	11747	11105	11172	11341	3.11	cps
Vanadium	51-2	6668	6295	6245	6403	3.61	cps
Ytterbium	172-1	17	17	25	19	24.73	cps
Ytterbium	172-2	11	6	6	7	43.24	cps
Ytterbium	176-1	633	567	542	581	8.16	cps
Ytterbium	176-2	4668	4862	5146	4892	4.91	cps
Yttrium	89-1	6152861	6168552	6099146	6140186	0.59	cps
Yttrium	89-2	615390	618698	632135	622074	1.43	cps
Zinc	66-2	1723	1520	1473	1572	8.46	cps
Zirconium	90-1	11121	10871	11105	11032	1.27	cps
Zirconium	91-1	2625	2350	2392	2456	6.04	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB149660BL	Instrumnet Name :	P8
Client Sample ID :	PB149660BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:41:34	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	59	70	70	66	9.81	cps
Antimony	121-1	17	25	42	28	45.82	cps
Arsenic	75-2	4	1	1	2	86.60	cps
Barium	135-1	33	8	0	14	124.91	cps
Barium	137-1	8	8	0	6	86.60	cps
Beryllium	9-1	45	51	44	47	8.61	cps
Bismuth	209-1	2068760	2189182	2170714	2142886	3.03	cps
Bismuth	209-2	1213213	1193474	1185017	1197234	1.21	cps
Boron	10-1	2166	1934	1976	2025	6.10	cps
Boron	11-1	9179	8721	8821	8907	2.70	cps
Bromine	81-1	29391	27505	28689	28528	3.34	cps
Cadmium	111-1	202	219	182	201	9.23	cps
Cadmium	106-1	2000	1917	1859	1925	3.70	cps
Cadmium	108-1	21	8	29	19	53.95	cps
Calcium	43-1	141	149	154	148	4.25	cps
Calcium	44-1	14179	13919	14173	14090	1.05	cps
Carbon	12-1	6781540	6673492	6783200	6746077	0.93	cps
Carbon	12-2	69339	70017	69297	69551	0.58	cps
Chlorine	35-1	162968	160238	162690	161966	0.93	cps
Chlorine	35-2	1025	1033	933	997	5.56	cps
Chromium	52-2	313	330	277	307	8.90	cps
Cobalt	59-2	53	53	67	58	13.33	cps
Copper	63-2	527	573	580	560	5.19	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	17	0	8	100.02	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	25	17	50	31	56.77	cps
Gadolinium	160-2	53	53	100	69	39.11	cps
Holmium	165-1	3605534	3632051	3712053	3649879	1.52	cps
Holmium	165-2	1689755	1703563	1719679	1704332	0.88	cps
Indium	115-1	3411814	3460686	3577678	3483392	2.45	cps
Indium	115-2	522774	519325	524595	522231	0.51	cps
Iron	54-2	650	528	506	561	13.86	cps
Iron	56-2	2345	2211	2395	2317	4.09	cps
Iron	57-2	283	322	283	296	7.58	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB149660BL	Instrumnet Name :	P8
Client Sample ID :	PB149660BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:41:34	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	350	362	394	369	6.11	cps
Lead	206-1	344	328	333	335	2.53	cps
Lead	207-1	328	289	289	302	7.44	cps
Lead	208-1	1283	1194	1278	1252	3.98	cps
Lithium	6-1	3030950	3127167	3116609	3091575	1.71	cps
Magnesium	24-2	225	308	317	283	17.89	cps
Manganese	55-2	53	17	37	36	51.62	cps
Molybdenum	94-1	83	100	100	94	10.18	cps
Molybdenum	95-1	42	25	42	36	26.65	cps
Molybdenum	96-1	133	108	150	131	16.06	cps
Molybdenum	97-1	17	17	25	19	24.73	cps
Molybdenum	98-1	75	50	25	50	50.00	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	37	40	37	38	5.09	cps
Phosphorus	31-2	225	167	158	183	19.81	cps
Potassium	39-2	23311	23662	22418	23130	2.77	cps
Rhodium	103-1	3534126	3560998	3590625	3561917	0.79	cps
Rhodium	103-2	1530385	1577225	1561725	1556445	1.53	cps
Scandium	45-1	3115987	3014768	3098836	3076530	1.76	cps
Scandium	45-2	90430	90976	91705	91037	0.70	cps
Selenium	82-1	70	5	4	26	144.36	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	51	35	45	44	18.52	cps
Silicon	28-1	1170450	1166006	1167290	1167915	0.20	cps
Silver	107-1	75	42	83	67	33.07	cps
Silver	109-1	83	33	33	50	57.75	cps
Sodium	23-2	15984	15625	16226	15945	1.90	cps
Strontium	86-1	692	608	608	636	7.56	cps
Strontium	88-1	175	167	200	181	9.61	cps
Sulfur	34-1	467415	476532	474158	472702	1.00	cps
Terbium	159-1	3931772	3870230	3966151	3922717	1.24	cps
Terbium	159-2	1747137	1784800	1739930	1757289	1.37	cps
Thallium	203-1	100	175	175	150	28.87	cps
Thallium	205-1	333	317	425	358	16.28	cps
Tin	118-1	200	425	167	264	53.27	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB149660BL	Instrumnet Name :	P8
Client Sample ID :	PB149660BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:41:34	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	167	275	175	206	29.33	cps
Uranium	238-1	8	17	17	14	34.67	cps
Vanadium	51-2	3	0	7	3	100.05	cps
Ytterbium	172-1	33	8	33	25	57.74	cps
Ytterbium	172-2	6	6	11	7	43.24	cps
Ytterbium	176-1	550	592	467	536	11.87	cps
Ytterbium	176-2	4606	4523	4984	4705	5.22	cps
Yttrium	89-1	6182614	6089524	5962158	6078099	1.82	cps
Yttrium	89-2	619679	632131	624583	625464	1.00	cps
Zinc	66-2	77	60	63	67	13.23	cps
Zirconium	90-1	267	325	175	256	29.59	cps
Zirconium	91-1	50	25	50	42	34.64	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB149660BS	Instrumnet Name :	P8
Client Sample ID :	PB149660BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:44:44	DataFile Name :	047LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	282316	276405	279599	279440	1.06	cps
Antimony	121-1	1337077	1337053	1311682	1328604	1.10	cps
Arsenic	75-2	47545	46718	45665	46643	2.02	cps
Barium	135-1	1386957	1387716	1406912	1393862	0.81	cps
Barium	137-1	2506561	2527186	2490005	2507917	0.74	cps
Beryllium	9-1	954461	950287	945190	949979	0.49	cps
Bismuth	209-1	2149064	2175697	2132278	2152347	1.02	cps
Bismuth	209-2	1180377	1191811	1185157	1185782	0.48	cps
Boron	10-1	169340	177225	184537	177034	4.29	cps
Boron	11-1	751336	781971	808188	780499	3.65	cps
Bromine	81-1	29100	27345	28087	28178	3.13	cps
Cadmium	111-1	368571	375927	360527	368341	2.09	cps
Cadmium	106-1	47165	47349	45309	46608	2.42	cps
Cadmium	108-1	31661	30793	31465	31307	1.46	cps
Calcium	43-1	599151	596986	602485	599541	0.46	cps
Calcium	44-1	9314142	9465840	9325931	9368638	0.90	cps
Carbon	12-1	7104658	6927786	6959892	6997445	1.35	cps
Carbon	12-2	75192	76156	73517	74955	1.78	cps
Chlorine	35-1	189124	188607	186127	187953	0.85	cps
Chlorine	35-2	1108	1117	1017	1081	5.14	cps
Chromium	52-2	412862	403842	404875	407193	1.21	cps
Cobalt	59-2	723111	721735	692636	712494	2.42	cps
Copper	63-2	6031304	5869103	5601155	5833854	3.72	cps
Dysprosium	156-1	92	158	83	111	37.00	cps
Dysprosium	156-2	60	30	60	50	34.64	cps
Erbium	164-1	58	58	50	56	8.66	cps
Erbium	164-2	10	3	3	6	69.34	cps
Gadolinium	160-1	92	83	67	81	15.80	cps
Gadolinium	160-2	73	113	93	93	21.43	cps
Holmium	165-1	3610653	3935311	3776988	3774317	4.30	cps
Holmium	165-2	1806734	1736693	1808354	1783927	2.29	cps
Indium	115-1	3401685	3546415	3573260	3507120	2.63	cps
Indium	115-2	523020	511070	511393	515161	1.32	cps
Iron	54-2	955414	961187	963566	960056	0.44	cps
Iron	56-2	17974874	17524297	17187226	17562132	2.25	cps
Iron	57-2	428281	422488	412971	421246	1.84	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB149660BS	Instrumnet Name :	P8
Client Sample ID :	PB149660BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:44:44	DataFile Name :	047LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	401	381	320	367	11.52	cps
Lead	206-1	4409835	4278445	4299946	4329409	1.63	cps
Lead	207-1	3862292	3831995	3850975	3848421	0.40	cps
Lead	208-1	17443268	17035786	17216599	17231884	1.18	cps
Lithium	6-1	3106238	3141586	3069981	3105935	1.15	cps
Magnesium	24-2	4187951	4057003	3967751	4070902	2.72	cps
Manganese	55-2	2190071	2194305	2199961	2194779	0.23	cps
Molybdenum	94-1	5354651	5380474	5411554	5382226	0.53	cps
Molybdenum	95-1	8027350	7878037	7772223	7892537	1.62	cps
Molybdenum	96-1	8734559	8706921	8510606	8650695	1.41	cps
Molybdenum	97-1	4786310	4826117	4731955	4781461	0.99	cps
Molybdenum	98-1	12561709	12448114	12299366	12436396	1.06	cps
Neodymium	150-1	87	133	167	129	31.18	cps
Neodymium	150-2	17	10	10	12	31.50	cps
Nickel	60-2	204507	199950	196072	200176	2.11	cps
Phosphorus	31-2	20198	21600	20231	20676	3.87	cps
Potassium	39-2	1280737	1277174	1306241	1288051	1.23	cps
Rhodium	103-1	3483139	3624069	3559766	3555658	1.98	cps
Rhodium	103-2	1595672	1527416	1581228	1568105	2.29	cps
Scandium	45-1	3111832	3117095	3130344	3119757	0.31	cps
Scandium	45-2	91893	90983	93678	92185	1.49	cps
Selenium	82-1	41103	41753	40970	41275	1.01	cps
Selenium	77-2	1087	1030	1147	1088	5.36	cps
Selenium	78-2	3795	3891	3683	3790	2.75	cps
Silicon	28-1	9303733	9303773	9376261	9327922	0.45	cps
Silver	107-1	2034622	2094992	2023075	2050897	1.88	cps
Silver	109-1	1941164	1905269	1935627	1927353	1.00	cps
Sodium	23-2	7293461	7228484	7291357	7271100	0.51	cps
Strontium	86-1	11865876	11563517	11989986	11806460	1.86	cps
Strontium	88-1	103723179	99447602	105426061	102865614	2.99	cps
Sulfur	34-1	789697	783579	782812	785363	0.48	cps
Terbium	159-1	3793892	3949741	3938354	3893996	2.23	cps
Terbium	159-2	1727283	1723900	1763805	1738329	1.27	cps
Thallium	203-1	950124	953332	948874	950777	0.24	cps
Thallium	205-1	2403225	2305139	2436045	2381470	2.86	cps
Tin	118-1	1101991	1113612	1093978	1103194	0.89	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB149660BS	Instrumnet Name :	P8
Client Sample ID :	PB149660BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:44:44	DataFile Name :	047LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2724422	2743093	2678062	2715193	1.23	cps
Uranium	238-1	3096303	2985445	2987783	3023177	2.10	cps
Vanadium	51-2	330273	324120	317742	324045	1.93	cps
Ytterbium	172-1	42	42	83	56	43.30	cps
Ytterbium	172-2	33	17	39	30	39.02	cps
Ytterbium	176-1	5043	4734	4951	4909	3.23	cps
Ytterbium	176-2	6858	6902	6780	6846	0.90	cps
Yttrium	89-1	6184670	6083833	6336525	6201676	2.05	cps
Yttrium	89-2	639257	617115	625861	627411	1.78	cps
Zinc	66-2	735258	710176	691929	712455	3.05	cps
Zirconium	90-1	2723399	2723906	2707403	2718236	0.35	cps
Zirconium	91-1	593469	585575	595555	591533	0.89	cps

LB Number : LB123342 Operator : Jaswal
 Lab Sample ID : PB149658BL Instrumnet Name : P8
 Client Sample ID : PB149658BL Dilution Factor : 1
 Date & Time Acquired : 2022-12-16 17:52:50 DataFile Name : 048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	66	46	84	65	28.69	cps
Antimony	121-1	200	175	283	219	25.85	cps
Arsenic	75-2	3	5	9	6	53.91	cps
Barium	135-1	25	50	17	31	56.77	cps
Barium	137-1	50	58	42	50	16.67	cps
Beryllium	9-1	75	102	86	88	15.73	cps
Bismuth	209-1	2235955	2130450	2275167	2213857	3.38	cps
Bismuth	209-2	1193028	1200182	1186042	1193084	0.59	cps
Boron	10-1	4178	4046	4210	4144	2.10	cps
Boron	11-1	18980	17983	17253	18072	4.80	cps
Bromine	81-1	30685	29261	30134	30027	2.39	cps
Cadmium	111-1	153	218	205	192	17.86	cps
Cadmium	106-1	1575	2084	1934	1864	14.01	cps
Cadmium	108-1	13	17	25	18	35.25	cps
Calcium	43-1	125	160	135	140	12.88	cps
Calcium	44-1	14556	14354	14344	14418	0.83	cps
Carbon	12-1	6802380	6816517	6633398	6750765	1.51	cps
Carbon	12-2	68167	71851	69708	69909	2.65	cps
Chlorine	35-1	161249	159311	155915	158825	1.70	cps
Chlorine	35-2	958	992	892	947	5.38	cps
Chromium	52-2	300	340	320	320	6.25	cps
Cobalt	59-2	100	40	67	69	43.64	cps
Copper	63-2	573	627	647	616	6.16	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	17	25	19	24.73	cps
Erbium	164-2	10	7	0	6	91.64	cps
Gadolinium	160-1	33	50	8	31	68.64	cps
Gadolinium	160-2	40	53	40	44	17.32	cps
Holmium	165-1	3822534	3685048	3730394	3745992	1.87	cps
Holmium	165-2	1778221	1769385	1776316	1774641	0.26	cps
Indium	115-1	3633850	3529644	3494169	3552554	2.04	cps
Indium	115-2	518653	518190	519067	518637	0.08	cps
Iron	54-2	494	450	528	491	7.95	cps
Iron	56-2	2245	2395	2573	2404	6.83	cps
Iron	57-2	378	294	267	313	18.48	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB149658BL	Instrumnet Name :	P8
Client Sample ID :	PB149658BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:52:50	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	381	364	369	371	2.43	cps
Lead	206-1	344	500	372	406	20.46	cps
Lead	207-1	417	333	311	354	15.73	cps
Lead	208-1	1461	1578	1461	1500	4.49	cps
Lithium	6-1	3092935	2973660	2988747	3018447	2.15	cps
Magnesium	24-2	333	300	250	294	14.25	cps
Manganese	55-2	40	67	37	48	34.42	cps
Molybdenum	94-1	217	217	217	217	0.00	cps
Molybdenum	95-1	75	175	158	136	39.36	cps
Molybdenum	96-1	267	267	283	272	3.53	cps
Molybdenum	97-1	83	100	75	86	14.78	cps
Molybdenum	98-1	250	317	200	256	22.90	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	43	23	40	36	30.14	cps
Phosphorus	31-2	175	92	250	172	45.99	cps
Potassium	39-2	23461	23336	22551	23116	2.13	cps
Rhodium	103-1	3660988	3631429	3770392	3687603	1.99	cps
Rhodium	103-2	1540698	1539049	1551279	1543675	0.43	cps
Scandium	45-1	3144379	3101025	3142203	3129202	0.78	cps
Scandium	45-2	91375	90236	94012	91874	2.11	cps
Selenium	82-1	19	28	1	16	84.42	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	45	51	39	45	13.34	cps
Silicon	28-1	1184533	1163130	1164798	1170820	1.02	cps
Silver	107-1	192	192	233	206	11.70	cps
Silver	109-1	183	200	225	203	10.34	cps
Sodium	23-2	16768	16376	15642	16262	3.52	cps
Strontium	86-1	592	808	700	700	15.48	cps
Strontium	88-1	1083	1892	825	1267	43.94	cps
Sulfur	34-1	452425	452195	456110	453577	0.48	cps
Terbium	159-1	4027058	3893766	3906948	3942591	1.86	cps
Terbium	159-2	1725814	1745020	1712348	1727728	0.95	cps
Thallium	203-1	217	158	158	178	18.95	cps
Thallium	205-1	317	383	308	336	12.23	cps
Tin	118-1	292	200	183	225	25.93	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB149658BL	Instrumnet Name :	P8
Client Sample ID :	PB149658BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:52:50	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	292	200	250	247	18.56	cps
Uranium	238-1	17	125	42	61	92.82	cps
Vanadium	51-2	3	13	7	8	65.47	cps
Ytterbium	172-1	8	8	0	6	86.60	cps
Ytterbium	172-2	17	17	11	15	21.67	cps
Ytterbium	176-1	567	500	533	533	6.25	cps
Ytterbium	176-2	4562	4918	4779	4753	3.77	cps
Yttrium	89-1	5934511	6129260	6011171	6024981	1.63	cps
Yttrium	89-2	616007	618516	629113	621212	1.12	cps
Zinc	66-2	77	67	77	73	7.87	cps
Zirconium	90-1	233	367	283	294	22.88	cps
Zirconium	91-1	42	33	58	44	28.65	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB149658BS	Instrumnet Name :	P8
Client Sample ID :	PB149658BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:56:02	DataFile Name :	049LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	287689	279100	273278	280022	2.59	cps
Antimony	121-1	1372093	1346050	1346113	1354752	1.11	cps
Arsenic	75-2	47390	47085	45775	46750	1.83	cps
Barium	135-1	1475605	1407878	1401380	1428288	2.88	cps
Barium	137-1	2528900	2423796	2464244	2472313	2.14	cps
Beryllium	9-1	966056	964693	952379	961043	0.78	cps
Bismuth	209-1	2157482	2281071	2150463	2196339	3.34	cps
Bismuth	209-2	1207566	1194122	1165536	1189075	1.81	cps
Boron	10-1	171436	181485	184632	179184	3.85	cps
Boron	11-1	762554	802969	809570	791698	3.22	cps
Bromine	81-1	29973	28479	29723	29392	2.72	cps
Cadmium	111-1	372668	374038	368920	371875	0.71	cps
Cadmium	106-1	48520	47441	46262	47407	2.38	cps
Cadmium	108-1	31712	32108	30997	31606	1.78	cps
Calcium	43-1	619660	613780	607562	613667	0.99	cps
Calcium	44-1	9487515	9979347	9579829	9682230	2.70	cps
Carbon	12-1	7081272	7156115	7091066	7109484	0.57	cps
Carbon	12-2	74430	74187	74011	74210	0.28	cps
Chlorine	35-1	180995	183858	181780	182211	0.81	cps
Chlorine	35-2	1175	1100	1058	1111	5.32	cps
Chromium	52-2	415244	407781	400576	407867	1.80	cps
Cobalt	59-2	730574	702049	697292	709972	2.54	cps
Copper	63-2	6093804	6151873	5831242	6025640	2.84	cps
Dysprosium	156-1	100	75	133	103	28.48	cps
Dysprosium	156-2	40	30	37	36	14.32	cps
Erbium	164-1	8	50	17	25	88.19	cps
Erbium	164-2	10	20	3	11	75.52	cps
Gadolinium	160-1	58	117	58	78	43.30	cps
Gadolinium	160-2	90	93	83	89	5.73	cps
Holmium	165-1	3891701	3765014	3852306	3836340	1.69	cps
Holmium	165-2	1726758	1771389	1730185	1742777	1.43	cps
Indium	115-1	3652904	3509812	3601997	3588238	2.02	cps
Indium	115-2	528351	521655	512632	520879	1.51	cps
Iron	54-2	978371	959747	923320	953813	2.94	cps
Iron	56-2	17546972	17314846	17111363	17324394	1.26	cps
Iron	57-2	435800	424448	414281	424843	2.53	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB149658BS	Instrumnet Name :	P8
Client Sample ID :	PB149658BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:56:02	DataFile Name :	049LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	367	321	377	355	8.44	cps
Lead	206-1	4570457	4414207	4389885	4458183	2.20	cps
Lead	207-1	3905754	3952379	3783975	3880703	2.24	cps
Lead	208-1	17962076	18116840	16960456	17679791	3.55	cps
Lithium	6-1	3097077	3038775	3015821	3050558	1.37	cps
Magnesium	24-2	4229333	4058736	3884799	4057623	4.25	cps
Manganese	55-2	2251529	2212948	2155504	2206660	2.19	cps
Molybdenum	94-1	5457975	5529072	5406727	5464591	1.12	cps
Molybdenum	95-1	7940611	7772706	7939290	7884202	1.22	cps
Molybdenum	96-1	8717435	8473232	8690656	8627108	1.55	cps
Molybdenum	97-1	4869316	4692613	4816001	4792643	1.89	cps
Molybdenum	98-1	12576572	12283285	12275536	12378465	1.39	cps
Neodymium	150-1	147	120	93	120	22.22	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	204961	203087	199238	202429	1.44	cps
Phosphorus	31-2	21784	21725	20131	21213	4.42	cps
Potassium	39-2	1310744	1319027	1281130	1303633	1.53	cps
Rhodium	103-1	3618901	3659722	3558961	3612528	1.40	cps
Rhodium	103-2	1518045	1551423	1556859	1542109	1.36	cps
Scandium	45-1	3234103	3035483	3365875	3211820	5.18	cps
Scandium	45-2	92191	91188	92321	91900	0.67	cps
Selenium	82-1	41889	41845	41527	41754	0.47	cps
Selenium	77-2	1070	1183	1083	1112	5.57	cps
Selenium	78-2	3873	3894	3746	3838	2.09	cps
Silicon	28-1	9334610	9610982	9294476	9413356	1.83	cps
Silver	107-1	2021790	2124360	2070660	2072270	2.48	cps
Silver	109-1	1996046	1954946	1939148	1963380	1.50	cps
Sodium	23-2	7399948	7348975	7077181	7275368	2.38	cps
Strontium	86-1	12999123	12355119	12188401	12514215	3.42	cps
Strontium	88-1	104178509	104143613	106521729	104947950	1.30	cps
Sulfur	34-1	783211	776456	771848	777172	0.74	cps
Terbium	159-1	4041310	3910992	3907819	3953373	1.93	cps
Terbium	159-2	1823122	1712104	1774690	1769972	3.14	cps
Thallium	203-1	962002	967498	930008	953170	2.12	cps
Thallium	205-1	2437679	2484077	2334965	2418907	3.15	cps
Tin	118-1	1121251	1100135	1088150	1103179	1.52	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB149658BS	Instrumnet Name :	P8
Client Sample ID :	PB149658BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 17:56:02	DataFile Name :	049LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2725770	2767166	2799984	2764307	1.35	cps
Uranium	238-1	3193299	3240721	2992291	3142104	4.20	cps
Vanadium	51-2	328079	325463	315289	322943	2.09	cps
Ytterbium	172-1	42	58	83	61	34.32	cps
Ytterbium	172-2	22	17	11	17	33.33	cps
Ytterbium	176-1	5351	4709	4901	4987	6.61	cps
Ytterbium	176-2	6969	6780	6896	6882	1.39	cps
Yttrium	89-1	6385686	6320999	6282382	6329689	0.82	cps
Yttrium	89-2	630667	627124	624712	627501	0.48	cps
Zinc	66-2	730394	722519	709797	720904	1.44	cps
Zirconium	90-1	2801953	2738587	2778894	2773145	1.16	cps
Zirconium	91-1	613612	597017	597260	602630	1.58	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB149659BL	Instrumnet Name :	P8
Client Sample ID :	PB149659BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:05:05	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	45	44	74	54	31.34	cps
Antimony	121-1	100	167	250	172	43.64	cps
Arsenic	75-2	3	3	3	3	0.00	cps
Barium	135-1	17	17	0	11	86.60	cps
Barium	137-1	67	33	42	47	36.74	cps
Beryllium	9-1	92	94	99	95	3.48	cps
Bismuth	209-1	2108771	2125928	2190041	2141580	2.00	cps
Bismuth	209-2	1225361	1136621	1161659	1174547	3.90	cps
Boron	10-1	4636	4570	4390	4532	2.81	cps
Boron	11-1	19994	20034	19331	19786	1.99	cps
Bromine	81-1	28409	28348	28839	28532	0.94	cps
Cadmium	111-1	198	215	201	205	4.28	cps
Cadmium	106-1	1792	1984	1900	1892	5.08	cps
Cadmium	108-1	8	13	8	10	24.77	cps
Calcium	43-1	166	145	156	156	6.82	cps
Calcium	44-1	14079	14289	14142	14170	0.76	cps
Carbon	12-1	6736834	6729562	6708535	6724977	0.22	cps
Carbon	12-2	70595	68410	70637	69881	1.82	cps
Chlorine	35-1	154427	152657	150660	152581	1.23	cps
Chlorine	35-2	967	1000	783	917	12.73	cps
Chromium	52-2	243	343	317	301	17.20	cps
Cobalt	59-2	73	40	33	49	43.84	cps
Copper	63-2	617	620	617	618	0.31	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	17	50	31	56.77	cps
Erbium	164-2	3	10	0	4	114.60	cps
Gadolinium	160-1	25	42	25	31	31.50	cps
Gadolinium	160-2	47	53	50	50	6.66	cps
Holmium	165-1	3593126	3729634	3711131	3677964	2.01	cps
Holmium	165-2	1804605	1705324	1705101	1738343	3.30	cps
Indium	115-1	3494561	3508620	3371636	3458272	2.18	cps
Indium	115-2	523709	489009	503751	505490	3.45	cps
Iron	54-2	522	556	567	548	4.22	cps
Iron	56-2	2289	2600	2561	2484	6.83	cps
Iron	57-2	322	261	261	281	12.53	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB149659BL	Instrumnet Name :	P8
Client Sample ID :	PB149659BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:05:05	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	416	360	377	385	7.49	cps
Lead	206-1	383	394	411	396	3.53	cps
Lead	207-1	350	311	350	337	6.66	cps
Lead	208-1	1578	1495	1428	1500	5.01	cps
Lithium	6-1	3050888	3001006	3036532	3029475	0.85	cps
Magnesium	24-2	342	358	233	311	21.82	cps
Manganese	55-2	43	57	57	52	14.75	cps
Molybdenum	94-1	167	250	158	192	26.45	cps
Molybdenum	95-1	158	225	183	189	17.83	cps
Molybdenum	96-1	342	275	225	281	20.86	cps
Molybdenum	97-1	92	83	83	86	5.58	cps
Molybdenum	98-1	333	208	267	269	23.21	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	47	20	23	30	48.44	cps
Phosphorus	31-2	242	150	200	197	23.27	cps
Potassium	39-2	22401	22284	23011	22565	1.73	cps
Rhodium	103-1	3530515	3734723	3591806	3619015	2.90	cps
Rhodium	103-2	1548818	1494232	1500534	1514528	1.97	cps
Scandium	45-1	3008396	3027526	3043132	3026351	0.57	cps
Scandium	45-2	91367	86939	91111	89805	2.77	cps
Selenium	82-1	-13	-10	29	2	1110.14	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	42	51	45	46	9.97	cps
Silicon	28-1	1152195	1158439	1158464	1156366	0.31	cps
Silver	107-1	217	158	242	206	20.80	cps
Silver	109-1	292	208	150	217	32.86	cps
Sodium	23-2	16293	16109	16510	16304	1.23	cps
Strontium	86-1	825	758	792	792	4.21	cps
Strontium	88-1	1183	1208	1275	1222	3.88	cps
Sulfur	34-1	444688	446694	446841	446074	0.27	cps
Terbium	159-1	3851191	3916522	3944537	3904083	1.23	cps
Terbium	159-2	1729993	1622551	1667795	1673446	3.22	cps
Thallium	203-1	158	233	183	192	19.92	cps
Thallium	205-1	367	308	458	378	20.01	cps
Tin	118-1	308	150	217	225	35.34	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB149659BL	Instrumnet Name :	P8
Client Sample ID :	PB149659BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:05:05	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	192	275	242	236	17.77	cps
Uranium	238-1	58	58	58	58	0.00	cps
Vanadium	51-2	3	3	7	4	43.40	cps
Ytterbium	172-1	25	25	8	19	49.50	cps
Ytterbium	172-2	11	11	6	9	34.60	cps
Ytterbium	176-1	525	567	558	550	4.01	cps
Ytterbium	176-2	4656	4634	4323	4538	4.11	cps
Yttrium	89-1	5783626	5923788	6016960	5908125	1.99	cps
Yttrium	89-2	631739	598501	604678	611639	2.89	cps
Zinc	66-2	83	87	87	86	2.25	cps
Zirconium	90-1	325	267	392	328	19.08	cps
Zirconium	91-1	50	50	33	44	21.66	cps

LB Number : LB123342 Operator : Jaswal
 Lab Sample ID : CCV14 Instrumnet Name : P8
 Client Sample ID : CCV14 Dilution Factor : 1
 Date & Time Acquired : 2022-12-16 18:08:16 DataFile Name : 051CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1429844	1442590	1408071	1426835	1.22	cps
Antimony	121-1	1315861	1333901	1322949	1324237	0.69	cps
Arsenic	75-2	44931	44512	43696	44379	1.42	cps
Barium	135-1	1456904	1460810	1438126	1451947	0.84	cps
Barium	137-1	2579649	2608373	2520451	2569491	1.74	cps
Beryllium	9-1	938139	936550	913105	929265	1.51	cps
Bismuth	209-1	2064134	2172802	2061534	2099490	3.02	cps
Bismuth	209-2	1119058	1119387	1119268	1119238	0.01	cps
Boron	10-1	168631	174544	178920	174032	2.97	cps
Boron	11-1	752616	782031	798062	777570	2.96	cps
Bromine	81-1	27586	28498	27656	27913	1.82	cps
Cadmium	111-1	379657	386018	375702	380459	1.37	cps
Cadmium	106-1	47859	48963	49498	48773	1.71	cps
Cadmium	108-1	32634	32852	32455	32647	0.61	cps
Calcium	43-1	2858292	2768166	2814884	2813780	1.60	cps
Calcium	44-1	45762731	43377864	45102081	44747559	2.75	cps
Carbon	12-1	7288859	7537344	7615320	7480508	2.28	cps
Carbon	12-2	83521	83353	82968	83280	0.34	cps
Chlorine	35-1	204106	203026	203329	203487	0.27	cps
Chlorine	35-2	1300	1092	1242	1211	8.87	cps
Chromium	52-2	412228	413696	410743	412222	0.36	cps
Cobalt	59-2	719422	713355	704829	712536	1.03	cps
Copper	63-2	6014189	6210359	5834787	6019778	3.12	cps
Dysprosium	156-1	258	233	308	267	14.32	cps
Dysprosium	156-2	100	117	140	119	16.90	cps
Erbium	164-1	58	25	42	42	40.00	cps
Erbium	164-2	17	30	27	24	28.38	cps
Gadolinium	160-1	300	308	267	292	7.56	cps
Gadolinium	160-2	183	180	207	190	7.65	cps
Holmium	165-1	3747270	3822497	3856557	3808775	1.47	cps
Holmium	165-2	1775942	1701329	1773292	1750188	2.42	cps
Indium	115-1	3405415	3437259	3361577	3401417	1.12	cps
Indium	115-2	502847	503443	508213	504834	0.58	cps
Iron	54-2	4639072	4549061	4629467	4605867	1.07	cps
Iron	56-2	85021621	83226524	84309419	84185855	1.07	cps
Iron	57-2	2157613	2170315	2131459	2153129	0.92	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:08:16	DataFile Name :	051CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	361	367	371	367	1.38	cps
Lead	206-1	4399324	4509014	4455619	4454652	1.23	cps
Lead	207-1	3946151	3943930	3931513	3940531	0.20	cps
Lead	208-1	17879674	17881246	17612291	17791071	0.87	cps
Lithium	6-1	3048739	2963779	2872758	2961759	2.97	cps
Magnesium	24-2	19894207	19873346	18909781	19559111	2.88	cps
Manganese	55-2	2209577	2194550	2190972	2198366	0.45	cps
Molybdenum	94-1	5601507	5648358	5378339	5542735	2.60	cps
Molybdenum	95-1	7994855	8120405	7764973	7960078	2.26	cps
Molybdenum	96-1	8580688	8920165	8518366	8673073	2.49	cps
Molybdenum	97-1	4923704	4874102	4953042	4916949	0.81	cps
Molybdenum	98-1	12732824	12646016	12516745	12631862	0.86	cps
Neodymium	150-1	133	87	133	118	22.88	cps
Neodymium	150-2	23	7	27	19	56.72	cps
Nickel	60-2	210965	209719	207994	209559	0.71	cps
Phosphorus	31-2	20089	21033	20298	20473	2.42	cps
Potassium	39-2	6008674	6063663	6336519	6136285	2.86	cps
Rhodium	103-1	3428248	3425168	3530224	3461213	1.73	cps
Rhodium	103-2	1443411	1409267	1422321	1425000	1.21	cps
Scandium	45-1	3054725	3069083	3117699	3080502	1.07	cps
Scandium	45-2	89044	90963	90155	90054	1.07	cps
Selenium	82-1	41753	42071	41219	41681	1.03	cps
Selenium	77-2	1127	1193	1087	1136	4.75	cps
Selenium	78-2	3859	3934	3907	3900	0.97	cps
Silicon	28-1	8819182	8901297	8916995	8879158	0.59	cps
Silver	107-1	2148034	2158775	2087547	2131452	1.80	cps
Silver	109-1	2017336	1964164	1980687	1987395	1.37	cps
Sodium	23-2	34917793	35558620	35235972	35237462	0.91	cps
Strontium	86-1	11945366	12104266	11706208	11918613	1.68	cps
Strontium	88-1	103838438	104818438	103057969	103904948	0.85	cps
Sulfur	34-1	777561	782233	777335	779043	0.35	cps
Terbium	159-1	4069941	3966386	3996359	4010896	1.33	cps
Terbium	159-2	1764201	1762597	1705889	1744229	1.90	cps
Thallium	203-1	983134	998756	981074	987655	0.98	cps
Thallium	205-1	2426540	2493196	2455108	2458281	1.36	cps
Tin	118-1	1113084	1079994	1106821	1099966	1.60	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:08:16	DataFile Name :	051CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2756855	2750036	2812632	2773174	1.24	cps
Uranium	238-1	3345575	3301258	3230451	3292428	1.76	cps
Vanadium	51-2	331002	328131	323045	327393	1.23	cps
Ytterbium	172-1	83	100	125	103	20.40	cps
Ytterbium	172-2	44	17	83	48	69.54	cps
Ytterbium	176-1	5076	5610	5093	5260	5.77	cps
Ytterbium	176-2	6702	6907	6757	6789	1.57	cps
Yttrium	89-1	6135789	6102106	6101251	6113049	0.32	cps
Yttrium	89-2	598620	606238	607852	604237	0.82	cps
Zinc	66-2	696681	705814	691702	698066	1.03	cps
Zirconium	90-1	2819913	2826929	2763199	2803347	1.25	cps
Zirconium	91-1	608325	622726	605633	612228	1.50	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:14:32	DataFile Name :	052CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	71	76	94	80	14.69	cps
Antimony	121-1	175	200	367	247	42.14	cps
Arsenic	75-2	3	2	3	3	21.65	cps
Barium	135-1	33	17	33	28	34.63	cps
Barium	137-1	8	42	33	28	62.46	cps
Beryllium	9-1	105	76	109	97	18.40	cps
Bismuth	209-1	2147488	2079185	2241429	2156034	3.78	cps
Bismuth	209-2	1180565	1182657	1155039	1172754	1.31	cps
Boron	10-1	6432	6254	5904	6197	4.34	cps
Boron	11-1	27338	26637	25341	26438	3.83	cps
Bromine	81-1	27746	27285	27074	27369	1.26	cps
Cadmium	111-1	200	170	185	185	8.11	cps
Cadmium	106-1	2025	1692	1650	1789	11.49	cps
Cadmium	108-1	33	17	25	25	33.32	cps
Calcium	43-1	119	137	149	135	11.22	cps
Calcium	44-1	14059	14083	13984	14042	0.37	cps
Carbon	12-1	6718190	6781629	6692559	6730793	0.68	cps
Carbon	12-2	67907	70578	67982	68822	2.21	cps
Chlorine	35-1	168253	164780	163548	165527	1.47	cps
Chlorine	35-2	892	1008	867	922	8.20	cps
Chromium	52-2	280	327	257	288	12.38	cps
Cobalt	59-2	50	53	53	52	3.68	cps
Copper	63-2	600	660	763	674	12.25	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	42	8	25	66.68	cps
Erbium	164-2	7	10	3	7	50.03	cps
Gadolinium	160-1	50	17	33	33	50.00	cps
Gadolinium	160-2	37	60	107	68	52.59	cps
Holmium	165-1	3525875	3611069	3699229	3612058	2.40	cps
Holmium	165-2	1669378	1694791	1682129	1682100	0.76	cps
Indium	115-1	3397745	3429024	3506943	3444571	1.63	cps
Indium	115-2	509556	508298	500049	505967	1.02	cps
Iron	54-2	567	572	622	587	5.21	cps
Iron	56-2	2617	3545	3684	3282	17.68	cps
Iron	57-2	294	294	317	302	4.25	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:14:32	DataFile Name :	052CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	384	360	369	371	3.24	cps
Lead	206-1	361	289	428	359	19.33	cps
Lead	207-1	294	283	389	322	18.00	cps
Lead	208-1	1311	1311	1583	1402	11.21	cps
Lithium	6-1	3063315	2994235	3058974	3038841	1.27	cps
Magnesium	24-2	400	725	517	547	30.09	cps
Manganese	55-2	40	47	40	42	9.12	cps
Molybdenum	94-1	133	200	142	158	22.94	cps
Molybdenum	95-1	150	100	92	114	27.70	cps
Molybdenum	96-1	192	175	242	203	17.11	cps
Molybdenum	97-1	83	50	167	100	60.09	cps
Molybdenum	98-1	217	200	150	189	18.37	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	37	43	53	44	18.87	cps
Phosphorus	31-2	183	125	133	147	21.43	cps
Potassium	39-2	23169	22952	22618	22913	1.21	cps
Rhodium	103-1	3535855	3540836	3547340	3541343	0.16	cps
Rhodium	103-2	1546274	1543539	1515948	1535253	1.09	cps
Scandium	45-1	3029968	2958278	3002586	2996944	1.21	cps
Scandium	45-2	91567	89460	87545	89524	2.25	cps
Selenium	82-1	-20	-6	-3	-10	-96.14	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	38	42	35	38	9.16	cps
Silicon	28-1	1132396	1165706	1190041	1162714	2.49	cps
Silver	107-1	225	333	208	256	26.56	cps
Silver	109-1	208	225	233	222	5.73	cps
Sodium	23-2	18287	18954	17978	18406	2.71	cps
Strontium	86-1	783	533	792	703	20.89	cps
Strontium	88-1	675	600	858	711	18.69	cps
Sulfur	34-1	456057	452646	463098	457267	1.17	cps
Terbium	159-1	3797138	3851318	3878788	3842415	1.08	cps
Terbium	159-2	1734682	1697550	1683432	1705222	1.55	cps
Thallium	203-1	108	167	175	150	24.22	cps
Thallium	205-1	475	442	433	450	4.90	cps
Tin	118-1	1193	2210	2310	1904	32.47	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:14:32	DataFile Name :	052CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	192	150	217	186	18.10	cps
Uranium	238-1	42	25	25	31	31.50	cps
Vanadium	51-2	0	7	3	3	100.05	cps
Ytterbium	172-1	42	42	25	36	26.65	cps
Ytterbium	172-2	17	17	0	11	86.60	cps
Ytterbium	176-1	475	525	492	497	5.12	cps
Ytterbium	176-2	4629	4701	4573	4634	1.38	cps
Yttrium	89-1	5978688	6019114	5863509	5953771	1.36	cps
Yttrium	89-2	609589	609662	604703	607984	0.47	cps
Zinc	66-2	90	80	103	91	12.85	cps
Zirconium	90-1	250	250	367	289	23.32	cps
Zirconium	91-1	42	58	25	42	40.00	cps

LB Number : LB123342 Operator : Jaswal
 Lab Sample ID : PB149659BS Instrumnet Name : P8
 Client Sample ID : PB149659BS Dilution Factor : 1
 Date & Time Acquired : 2022-12-16 18:17:46 DataFile Name : 053LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	285733	284162	276664	282186	1.72	cps
Antimony	121-1	1340437	1336864	1332687	1336663	0.29	cps
Arsenic	75-2	47278	46419	46094	46597	1.31	cps
Barium	135-1	1354500	1388529	1432580	1391870	2.81	cps
Barium	137-1	2394952	2547041	2569575	2503856	3.79	cps
Beryllium	9-1	967483	970660	964509	967550	0.32	cps
Bismuth	209-1	2212313	2208541	2200401	2207085	0.28	cps
Bismuth	209-2	1216626	1172739	1189747	1193037	1.85	cps
Boron	10-1	174180	185082	190759	183341	4.60	cps
Boron	11-1	757424	811741	842115	803760	5.34	cps
Bromine	81-1	29000	27777	27666	28148	2.63	cps
Cadmium	111-1	369877	374624	359215	367905	2.14	cps
Cadmium	106-1	47960	46371	47952	47427	1.93	cps
Cadmium	108-1	31140	30881	30989	31003	0.42	cps
Calcium	43-1	599207	602595	599532	600445	0.31	cps
Calcium	44-1	9434984	9435760	9335027	9401924	0.62	cps
Carbon	12-1	6898958	7111287	7123091	7044445	1.79	cps
Carbon	12-2	74565	75051	74657	74757	0.35	cps
Chlorine	35-1	173885	171938	169364	171729	1.32	cps
Chlorine	35-2	867	1217	975	1020	17.58	cps
Chromium	52-2	425937	410883	400196	412339	3.14	cps
Cobalt	59-2	725511	744845	713421	727926	2.18	cps
Copper	63-2	6161725	5962462	5750028	5958072	3.46	cps
Dysprosium	156-1	92	83	125	100	22.04	cps
Dysprosium	156-2	23	20	47	30	48.44	cps
Erbium	164-1	33	25	58	39	44.61	cps
Erbium	164-2	20	7	17	14	48.02	cps
Gadolinium	160-1	133	117	117	122	7.87	cps
Gadolinium	160-2	87	73	110	90	20.62	cps
Holmium	165-1	3814014	3737358	3718782	3756718	1.34	cps
Holmium	165-2	1820424	1727747	1758756	1768976	2.67	cps
Indium	115-1	3511134	3517629	3373494	3467419	2.35	cps
Indium	115-2	526411	519420	519710	521847	0.76	cps
Iron	54-2	967305	958552	934396	953417	1.79	cps
Iron	56-2	17811577	17517506	17478690	17602591	1.03	cps
Iron	57-2	425098	422815	418589	422167	0.78	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB149659BS	Instrumnet Name :	P8
Client Sample ID :	PB149659BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:17:46	DataFile Name :	053LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	364	395	361	373	5.04	cps
Lead	206-1	4441272	4637682	4455540	4511498	2.43	cps
Lead	207-1	4003091	3911806	3784152	3899683	2.82	cps
Lead	208-1	17856170	17732311	17092663	17560381	2.33	cps
Lithium	6-1	3089221	3163684	3109806	3120904	1.23	cps
Magnesium	24-2	4063128	4037298	4026541	4042323	0.47	cps
Manganese	55-2	2206455	2202580	2213248	2207428	0.24	cps
Molybdenum	94-1	5324176	5216582	5291965	5277574	1.05	cps
Molybdenum	95-1	7717817	7933909	7763120	7804949	1.46	cps
Molybdenum	96-1	8478676	8696293	8461925	8545631	1.53	cps
Molybdenum	97-1	4619530	4840042	4810015	4756529	2.51	cps
Molybdenum	98-1	12227486	12330717	12507470	12355225	1.15	cps
Neodymium	150-1	140	127	120	129	7.90	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	200975	199588	195980	198848	1.30	cps
Phosphorus	31-2	21074	20724	20265	20687	1.96	cps
Potassium	39-2	1293937	1317592	1288969	1300166	1.18	cps
Rhodium	103-1	3546501	3709768	3680329	3645533	2.39	cps
Rhodium	103-2	1636450	1555194	1515371	1569005	3.93	cps
Scandium	45-1	3162975	3091440	3120435	3124950	1.15	cps
Scandium	45-2	92895	91533	90718	91716	1.20	cps
Selenium	82-1	41140	41056	40806	41000	0.42	cps
Selenium	77-2	1250	1140	1020	1137	10.12	cps
Selenium	78-2	3906	3714	3908	3843	2.90	cps
Silicon	28-1	9015257	9350787	9106140	9157395	1.90	cps
Silver	107-1	2081498	2069319	1980394	2043737	2.70	cps
Silver	109-1	1939627	1962138	1876947	1926238	2.29	cps
Sodium	23-2	7429357	7283867	7271576	7328267	1.20	cps
Strontium	86-1	11568637	11883197	11928945	11793593	1.66	cps
Strontium	88-1	101862904	103513246	103008123	102794758	0.82	cps
Sulfur	34-1	776990	774007	778716	776571	0.31	cps
Terbium	159-1	3950267	3961037	3936631	3949312	0.31	cps
Terbium	159-2	1822455	1835200	1791022	1816226	1.25	cps
Thallium	203-1	950205	958180	952013	953466	0.44	cps
Thallium	205-1	2411885	2441064	2408340	2420430	0.74	cps
Tin	118-1	1088825	1090151	1106057	1095011	0.88	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	PB149659BS	Instrumnet Name :	P8
Client Sample ID :	PB149659BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:17:46	DataFile Name :	053LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2690766	2621268	2653219	2655084	1.31	cps
Uranium	238-1	3170832	3023869	3136242	3110314	2.47	cps
Vanadium	51-2	325419	325810	320006	323745	1.00	cps
Ytterbium	172-1	17	42	42	33	43.30	cps
Ytterbium	172-2	28	39	39	35	18.23	cps
Ytterbium	176-1	4926	4793	5201	4973	4.19	cps
Ytterbium	176-2	7135	6835	6907	6959	2.25	cps
Yttrium	89-1	5970481	6167138	6369156	6168925	3.23	cps
Yttrium	89-2	626757	626080	635627	629488	0.85	cps
Zinc	66-2	722237	712906	701497	712213	1.46	cps
Zirconium	90-1	2612283	2723605	2782109	2705999	3.19	cps
Zirconium	91-1	594427	595027	591815	593756	0.29	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:20:54	DataFile Name :	054CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1471567	1454491	1427767	1451275	1.52	cps
Antimony	121-1	1349834	1326664	1320461	1332320	1.16	cps
Arsenic	75-2	45427	45256	44937	45207	0.55	cps
Barium	135-1	1502632	1531427	1514173	1516077	0.96	cps
Barium	137-1	2607253	2703328	2603632	2638071	2.14	cps
Beryllium	9-1	930647	938017	922490	930385	0.83	cps
Bismuth	209-1	2131385	2166620	2241532	2179846	2.58	cps
Bismuth	209-2	1136730	1131908	1137292	1135310	0.26	cps
Boron	10-1	179039	189394	190432	186288	3.38	cps
Boron	11-1	789231	838391	830463	819362	3.22	cps
Bromine	81-1	28569	27646	26552	27589	3.66	cps
Cadmium	111-1	374018	370743	368425	371062	0.76	cps
Cadmium	106-1	47692	48804	47776	48090	1.29	cps
Cadmium	108-1	31432	32647	31064	31714	2.61	cps
Calcium	43-1	2764409	2889954	2871351	2841905	2.38	cps
Calcium	44-1	44678364	45676439	45538293	45297699	1.19	cps
Carbon	12-1	7390285	7519344	7519986	7476538	1.00	cps
Carbon	12-2	80747	81778	81744	81423	0.72	cps
Chlorine	35-1	186237	187106	185966	186436	0.32	cps
Chlorine	35-2	975	1142	1150	1089	9.07	cps
Chromium	52-2	423187	415365	409451	416001	1.66	cps
Cobalt	59-2	722505	727940	717620	722688	0.71	cps
Copper	63-2	5867192	6225841	6053389	6048807	2.97	cps
Dysprosium	156-1	250	242	325	272	16.86	cps
Dysprosium	156-2	137	93	147	126	22.58	cps
Erbium	164-1	25	25	58	36	53.29	cps
Erbium	164-2	10	0	23	11	105.35	cps
Gadolinium	160-1	317	267	400	328	20.55	cps
Gadolinium	160-2	220	170	183	191	13.55	cps
Holmium	165-1	3772087	3817071	3842991	3810716	0.94	cps
Holmium	165-2	1779441	1773462	1745277	1766060	1.03	cps
Indium	115-1	3463088	3452174	3591776	3502346	2.22	cps
Indium	115-2	518365	511478	513486	514443	0.69	cps
Iron	54-2	4839535	4807936	4735021	4794164	1.12	cps
Iron	56-2	86368766	86236380	83584341	85396495	1.84	cps
Iron	57-2	2244074	2243879	2146218	2211390	2.55	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:20:54	DataFile Name :	054CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	362	359	351	357	1.60	cps
Lead	206-1	4644339	4632337	4605808	4627494	0.43	cps
Lead	207-1	4076280	4066987	4034292	4059186	0.54	cps
Lead	208-1	18617166	18728837	18124658	18490220	1.74	cps
Lithium	6-1	2913000	2990113	3080791	2994635	2.80	cps
Magnesium	24-2	20233380	20027175	19456717	19905758	2.02	cps
Manganese	55-2	2262588	2269855	2224149	2252197	1.09	cps
Molybdenum	94-1	5651433	5512679	5504714	5556275	1.48	cps
Molybdenum	95-1	8203649	7958945	7937501	8033365	1.84	cps
Molybdenum	96-1	9065756	8742059	8872439	8893418	1.83	cps
Molybdenum	97-1	5006453	5103080	4937404	5015646	1.66	cps
Molybdenum	98-1	12753113	13289818	12798158	12947030	2.30	cps
Neodymium	150-1	113	93	107	104	9.75	cps
Neodymium	150-2	10	10	13	11	17.30	cps
Nickel	60-2	207241	206604	204906	206250	0.59	cps
Phosphorus	31-2	21057	21450	20707	21071	1.76	cps
Potassium	39-2	6450341	6072277	6328373	6283664	3.07	cps
Rhodium	103-1	3331425	3526082	3545046	3467518	3.41	cps
Rhodium	103-2	1477489	1482537	1447948	1469325	1.27	cps
Scandium	45-1	3047694	3161108	3214637	3141146	2.71	cps
Scandium	45-2	91242	90527	91092	90953	0.41	cps
Selenium	82-1	41434	41453	40206	41031	1.74	cps
Selenium	77-2	1127	1083	1110	1107	1.97	cps
Selenium	78-2	3898	3874	3810	3861	1.18	cps
Silicon	28-1	8933991	9092389	8763450	8929943	1.84	cps
Silver	107-1	2078470	2074600	2050017	2067696	0.75	cps
Silver	109-1	1937365	2070343	1927024	1978244	4.04	cps
Sodium	23-2	37090250	35780070	36731251	36533857	1.85	cps
Strontium	86-1	12707543	12218268	12239171	12388327	2.23	cps
Strontium	88-1	106999090	110069065	108084377	108384177	1.44	cps
Sulfur	34-1	774554	781481	765012	773683	1.07	cps
Terbium	159-1	3929251	4041002	4112081	4027445	2.29	cps
Terbium	159-2	1743680	1786851	1809471	1780000	1.88	cps
Thallium	203-1	1011855	1002636	985157	999882	1.36	cps
Thallium	205-1	2497584	2601199	2497220	2532001	2.37	cps
Tin	118-1	1116746	1109737	1111117	1112533	0.33	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:20:54	DataFile Name :	054CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2774109	2851224	2818077	2814470	1.37	cps
Uranium	238-1	3273440	3449362	3308160	3343654	2.79	cps
Vanadium	51-2	343676	337238	328693	336536	2.23	cps
Ytterbium	172-1	92	125	133	117	18.90	cps
Ytterbium	172-2	44	50	50	48	6.65	cps
Ytterbium	176-1	5518	5276	4893	5229	6.03	cps
Ytterbium	176-2	6674	7024	7041	6913	3.00	cps
Yttrium	89-1	6215525	6295457	6443777	6318253	1.83	cps
Yttrium	89-2	620813	633264	623456	625844	1.05	cps
Zinc	66-2	695860	688407	680114	688127	1.14	cps
Zirconium	90-1	2840866	2797614	2701337	2779939	2.57	cps
Zirconium	91-1	613488	614568	610933	612996	0.30	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:35:53	DataFile Name :	055CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	57	57	74	63	14.91	cps
Antimony	121-1	92	133	200	142	38.57	cps
Arsenic	75-2	5	5	6	5	10.83	cps
Barium	135-1	8	17	17	14	34.67	cps
Barium	137-1	17	17	25	19	24.73	cps
Beryllium	9-1	96	86	94	92	5.65	cps
Bismuth	209-1	2177181	2136424	2074954	2129520	2.42	cps
Bismuth	209-2	1164401	1156393	1147604	1156133	0.73	cps
Boron	10-1	3950	3904	3790	3881	2.12	cps
Boron	11-1	17233	17337	17063	17211	0.80	cps
Bromine	81-1	28479	27877	27586	27980	1.63	cps
Cadmium	111-1	218	184	188	197	9.52	cps
Cadmium	106-1	1950	1875	1592	1806	10.47	cps
Cadmium	108-1	8	17	13	13	33.36	cps
Calcium	43-1	130	127	152	137	10.07	cps
Calcium	44-1	14139	13979	14096	14071	0.59	cps
Carbon	12-1	6540334	6707152	6714855	6654114	1.48	cps
Carbon	12-2	69867	67279	69238	68795	1.96	cps
Chlorine	35-1	162419	164939	162505	163288	0.88	cps
Chlorine	35-2	975	983	1025	995	2.69	cps
Chromium	52-2	320	337	307	321	4.68	cps
Cobalt	59-2	53	50	57	53	6.25	cps
Copper	63-2	610	473	617	567	14.28	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	17	25	22	21.64	cps
Erbium	164-2	13	3	3	7	86.65	cps
Gadolinium	160-1	25	17	17	19	24.73	cps
Gadolinium	160-2	37	37	50	41	18.72	cps
Holmium	165-1	3537234	3553441	3670722	3587133	2.03	cps
Holmium	165-2	1610682	1672517	1661214	1648138	2.00	cps
Indium	115-1	3408193	3442914	3487687	3446265	1.16	cps
Indium	115-2	504945	496559	500189	500564	0.84	cps
Iron	54-2	528	533	533	532	0.60	cps
Iron	56-2	3039	2395	2889	2774	12.16	cps
Iron	57-2	333	261	283	293	12.64	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:35:53	DataFile Name :	055CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	345	365	357	356	2.84	cps
Lead	206-1	411	389	328	376	11.48	cps
Lead	207-1	250	339	283	291	15.44	cps
Lead	208-1	1306	1406	1339	1350	3.77	cps
Lithium	6-1	3039464	2980275	3027569	3015769	1.04	cps
Magnesium	24-2	367	333	392	364	8.04	cps
Manganese	55-2	43	43	87	58	43.31	cps
Molybdenum	94-1	125	92	250	156	53.66	cps
Molybdenum	95-1	50	75	183	103	68.96	cps
Molybdenum	96-1	117	200	192	169	27.09	cps
Molybdenum	97-1	50	42	50	47	10.18	cps
Molybdenum	98-1	92	108	175	125	35.28	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	20	33	43	32	36.33	cps
Phosphorus	31-2	158	150	175	161	7.90	cps
Potassium	39-2	22435	23111	23486	23011	2.32	cps
Rhodium	103-1	3587784	3517507	3491029	3532107	1.42	cps
Rhodium	103-2	1604753	1496045	1530347	1543715	3.60	cps
Scandium	45-1	3081377	3019372	2990783	3030510	1.53	cps
Scandium	45-2	88273	87337	85932	87181	1.35	cps
Selenium	82-1	16	1	59	25	117.35	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	55	47	60	54	12.15	cps
Silicon	28-1	1136189	1146889	1130206	1137762	0.74	cps
Silver	107-1	267	167	158	197	30.57	cps
Silver	109-1	125	158	117	133	16.54	cps
Sodium	23-2	17344	17211	18003	17519	2.42	cps
Strontium	86-1	608	558	550	572	5.51	cps
Strontium	88-1	208	333	1075	539	86.94	cps
Sulfur	34-1	454565	460995	459568	458376	0.74	cps
Terbium	159-1	3759187	3743937	3757228	3753451	0.22	cps
Terbium	159-2	1713867	1614076	1650818	1659587	3.04	cps
Thallium	203-1	167	150	233	183	24.05	cps
Thallium	205-1	417	358	408	394	8.00	cps
Tin	118-1	4963	2753	2720	3479	36.95	cps

LB Number :	LB123342	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired :	2022-12-16 18:35:53	DataFile Name :	055CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	167	200	175	181	9.61	cps
Uranium	238-1	25	0	42	22	94.38	cps
Vanadium	51-2	3	7	0	3	100.05	cps
Ytterbium	172-1	25	8	17	17	50.01	cps
Ytterbium	172-2	6	6	11	7	43.24	cps
Ytterbium	176-1	517	492	533	514	4.08	cps
Ytterbium	176-2	4290	4668	4723	4560	5.17	cps
Yttrium	89-1	5863065	6188848	5841536	5964483	3.26	cps
Yttrium	89-2	608383	598355	599313	602017	0.92	cps
Zinc	66-2	37	100	100	79	46.35	cps
Zirconium	90-1	208	183	292	228	24.90	cps
Zirconium	91-1	92	42	67	67	37.50	cps