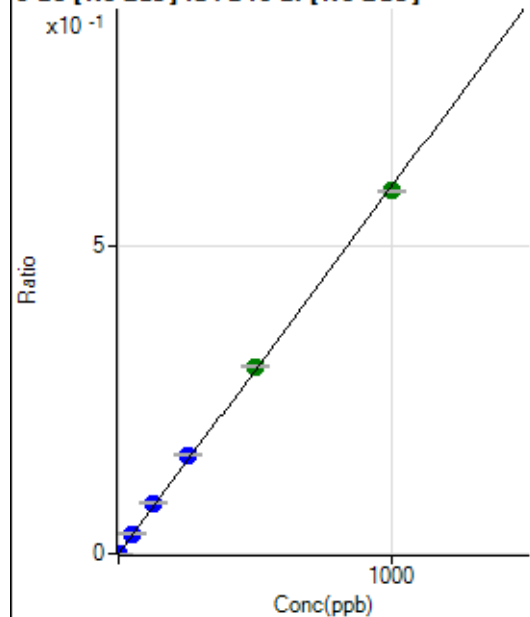


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8121522 MS.b\
Analysis File: P8121522 MS.batch.bin
DA Date-Time: 2022-12-16 00:33:41
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2022-12-15 09:56:23
2	005CALS.d	S02	2022-12-15 09:59:33
3	006CALS.d	S03	2022-12-15 10:02:46
4	007CALS.d	S04	2022-12-15 10:05:52
5	008CALS.d	S05	2022-12-15 10:09:01
6	009CALS.d	S06	2022-12-15 10:12:07
7	010CALS.d	S07	2022-12-15 10:15:17
8	011CALS.d	S08	2022-12-15 10:18:23

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	18.75	0.0000	P	4.1
2	☐	1.000	1.072	2560.33	0.0006	P	5.8
3	☐	50.000	54.223	130589.86	0.0322	P	4.6
4	☐	125.000	137.266	321024.64	0.0816	P	2.4
5	☐	250.000	267.746	623603.44	0.1592	P	1.7
6	☐	500.000	510.583	1197262.22	0.3036	A	1.5
7	☐	1000.000	988.528	2299906.37	0.5877	A	0.8
8	☐			352.04	0.0001	P	4.4

$$y = 5.9456\text{E-}004 * x + 4.7900\text{E-}006$$

$$R = 0.9997$$

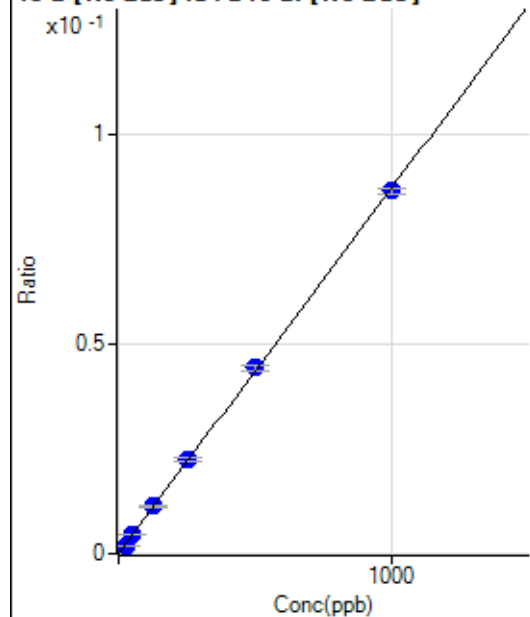
$$DL = 0.0009998$$

$$BEC = 0.008056$$

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	205.96	0.0001	P	8.8
2	☐	25.000	22.469	8036.65	0.0020	P	2.2
3	☐	50.000	49.959	17893.45	0.0044	P	1.8
4	☐	125.000	129.934	44857.13	0.0114	P	3.3
5	☐	250.000	259.048	88799.92	0.0227	P	4.5
6	☐	500.000	508.586	175368.48	0.0445	P	3.5
7	☐	1000.000	992.893	339453.64	0.0867	P	1.7
8	☐			22824.68	0.0063	P	7.5

$$y = 8.7309\text{E-}005 * x + 5.2646\text{E-}005$$

$$R = 0.9999$$

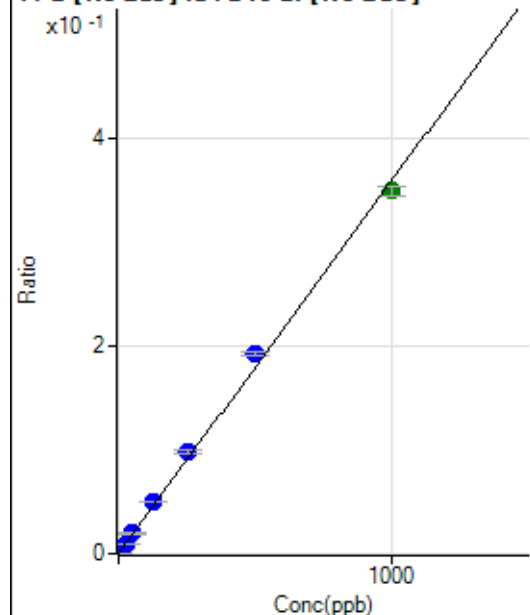
$$DL = 0.1586$$

$$BEC = 0.603$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	815.20	0.0002	P	1.4
2	☐	25.000	24.351	35622.26	0.0089	P	0.4
3	☐	50.000	53.686	78764.78	0.0194	P	3.8
4	☐	125.000	139.520	197406.38	0.0502	P	2.3
5	☐	250.000	274.665	385982.19	0.0985	P	3.1
6	☐	500.000	536.671	758643.03	0.1923	P	1.2
7	☐	1000.000	973.515	1364570.34	0.3487	A	2.8
8	☐			99006.91	0.0275	P	10.2

$$y = 3.5802\text{E-}004 * x + 2.0839\text{E-}004$$

$$R = 0.9985$$

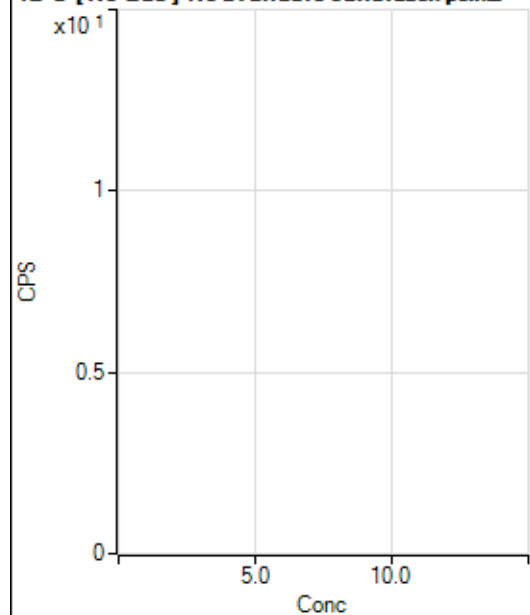
$$DL = 0.02462$$

$$BEC = 0.5821$$

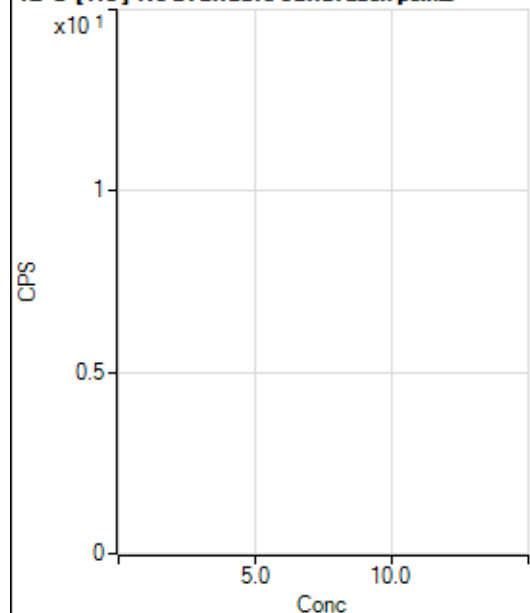
Weight: <None>

Min Conc: 0

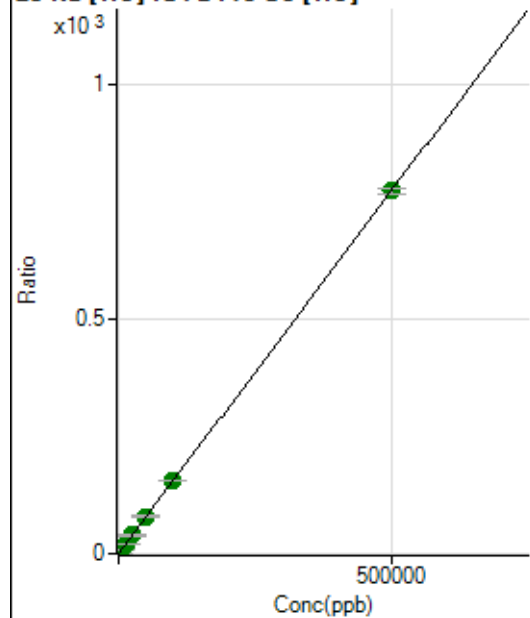
12 C [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			8309764.86		A	0.9
2	☐			8605150.28		A	0.7
3	☐			7952794.62		A	1.2
4	☐			7903305.82		A	1.4
5	☐			7753984.72		A	1.0
6	☐			7754795.57		A	1.0
7	☐			8184361.47		A	1.0
8	☐			7706149.65		A	1.4

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			96563.80		P	0.6
2	☐			100121.19		P	1.4
3	☐			96133.08		P	1.3
4	☐			96015.59		P	0.4
5	☐			94192.97		P	2.5
6	☐			96309.37		P	0.6
7	☐			101169.91		P	1.1
8	☐			96963.62		P	0.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	19502.38	0.1248	P	3.0
2	☐	500.000	479.566	135724.41	0.8655	P	3.8
3	☐	5000.000	5236.965	1328852.00	8.2133	A	1.4
4	☐	12500.000	13011.567	3177943.19	20.2213	A	2.5
5	☐	25000.000	25415.167	6081806.69	39.3788	A	5.2
6	☐	50000.000	51070.057	12255978.40	79.0031	A	2.0
7	☐	100000.00	100366.99	24525302.46	155.1429	A	1.5
8	☐	500000.00	499783.69	126418498.6	772.0469	A	1.7

$$y = 0.0015 * x + 0.1248$$

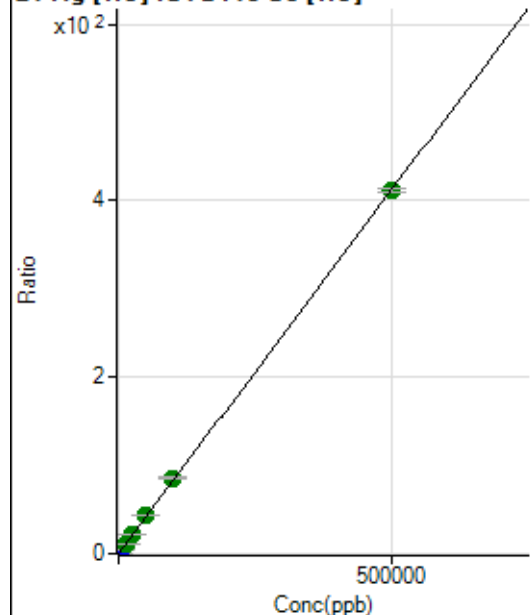
$$R = 1.0000$$

$$DL = 7.236$$

$$BEC = 80.79$$

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	194.45	0.0012	P	8.6
2	☐	500.000	503.346	65238.75	0.4160	P	2.1
3	☐	5000.000	5401.596	720255.86	4.4518	P	2.6
4	☐	12500.000	13827.744	1790734.02	11.3943	A	2.2
5	☐	25000.000	27125.254	3451799.21	22.3504	A	3.2
6	☐	50000.000	53650.039	6857413.78	44.2048	A	1.7
7	☐	100000.00	103690.66	13505371.13	85.4345	A	2.4
8	☐	500000.00	498753.38	67287473.73	410.9365	A	0.9

$$y = 8.2392\text{E-}004 * x + 0.0012$$

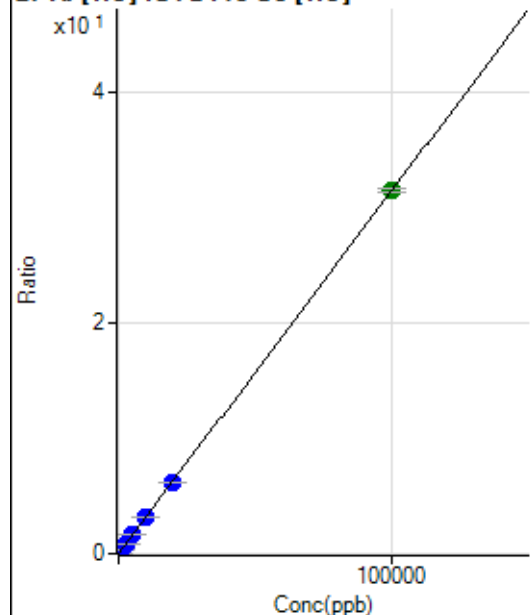
$$R = 1.0000$$

$$DL = 0.3892$$

$$BEC = 1.51$$

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	0.0004	P	9.0
2	☐	20.000	20.424	1070.74	0.0068	P	1.1
3	☐	1000.000	1026.607	52215.26	0.3227	P	2.1
4	☐	2500.000	2615.337	129119.87	0.8215	P	2.3
5	☐	5000.000	5177.732	251138.53	1.6260	P	1.6
6	☐	10000.000	10277.682	500611.82	3.2272	P	0.9
7	☐	20000.000	19658.312	975739.13	6.1724	P	1.9
8	☐	100000.00	100028.53	5142280.14	31.4059	A	1.1

$$y = 3.1397\text{E-}004 * x + 4.1323\text{E-}004$$

$$R = 1.0000$$

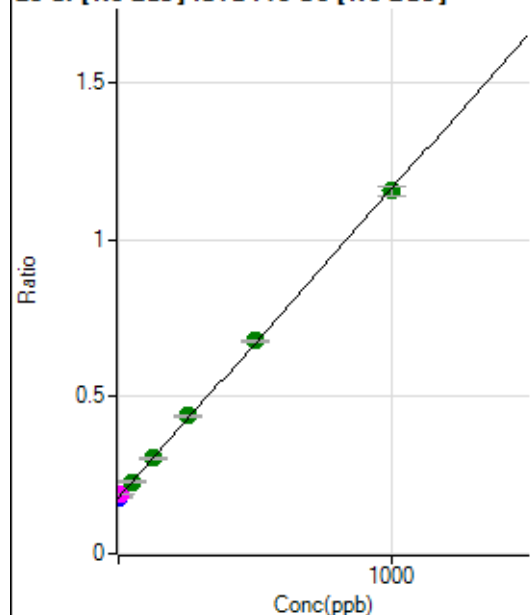
$$DL = 0.3534$$

$$BEC = 1.316$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	829235.50	0.1794	P	2.9
2	☐	10.000	9.136	876432.53	0.1883	M	1.6
3	☐	50.000	49.691	1064639.70	0.2282	A	2.9
4	☐	125.000	127.209	1426800.65	0.3043	A	1.3
5	☐	250.000	263.401	2019753.09	0.4381	A	1.7
6	☐	500.000	507.088	3170064.53	0.6774	A	1.4
7	☐	1000.000	992.854	5534574.47	1.1545	A	2.6
8	☐			908948.09	0.1937	A	3.3

$$y = 9.8211\text{E-}004 * x + 0.1794$$

R = 0.9998

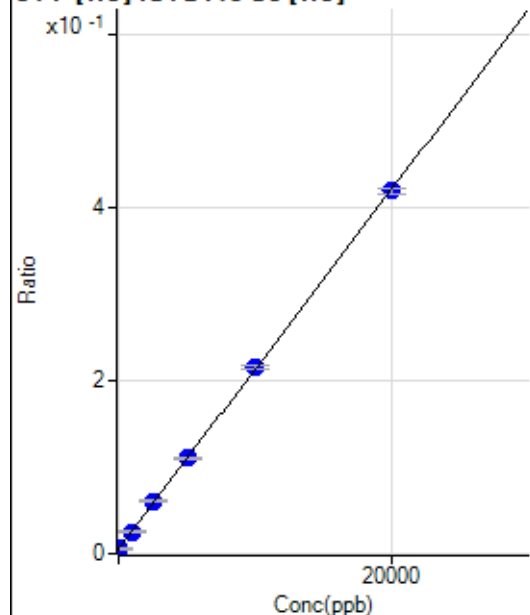
DL = 15.79

BEC = 182.6

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-3.880	852.83	0.0055	P	18.8
2	☐	0.000	3.880	880.61	0.0056	P	13.7
3	☐	1000.000	948.992	4084.01	0.0252	P	4.0
4	☐	2500.000	2654.518	9533.94	0.0607	P	2.8
5	☐	5000.000	5034.018	17002.06	0.1101	P	3.7
6	☐	10000.000	10106.695	33414.24	0.2154	P	2.8
7	☐	20000.000	19921.384	66280.08	0.4193	P	1.8
8	☐			883.38	0.0054	P	10.6

$$y = 2.0768\text{E-}005 * x + 0.0055$$

R = 0.9999

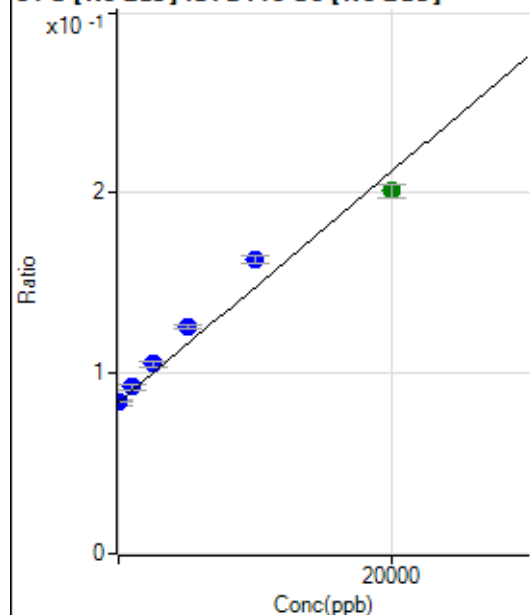
DL = 129.4

BEC = 266.5

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-22.559	387253.51	0.0838	P	4.0
2	☐	0.000	22.559	391215.66	0.0841	P	0.5
3	☐	1000.000	1298.225	430375.44	0.0922	P	2.5
4	☐	2500.000	3303.129	492538.50	0.1051	P	2.4
5	☐	5000.000	6548.768	580114.41	0.1258	P	2.4
6	☐	10000.000	12373.879	763147.51	0.1631	P	2.8
7	☐	20000.000	18310.566	964082.46	0.2011	A	3.4
8	☐			316832.58	0.0675	P	2.9

$$y = 6.3989E-006 * x + 0.0839$$

$$R = 0.9846$$

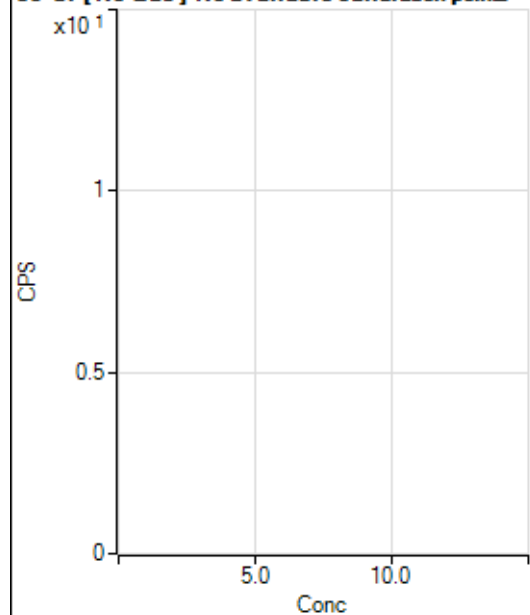
$$DL = 878.9$$

$$BEC = 1.312E+04$$

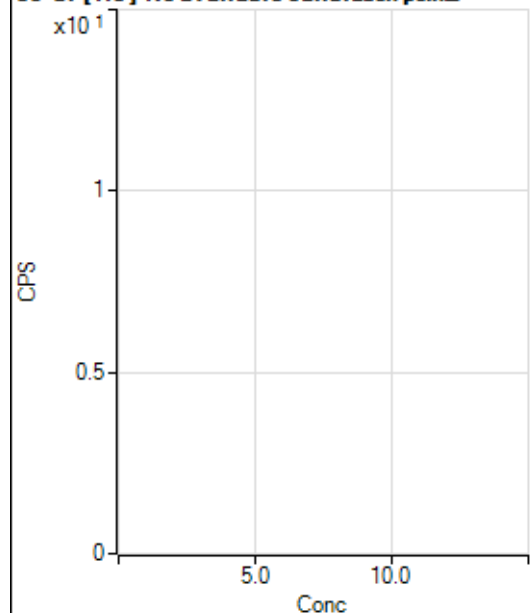
Weight: <None>

Min Conc: 0

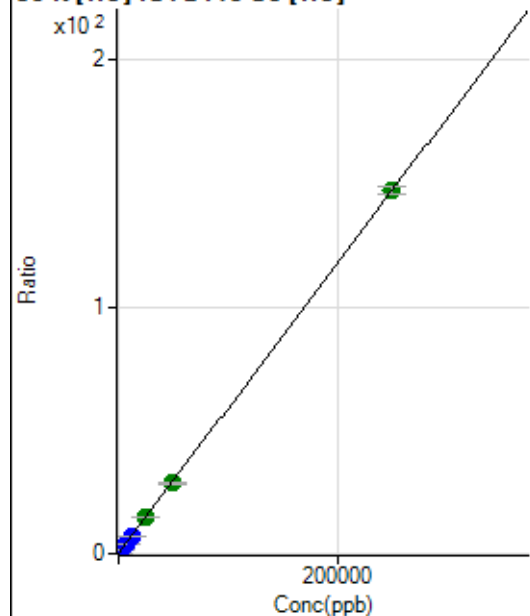
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			171592.22		P	0.4
2	☐			200657.48		P	0.8
3	☐			198162.50		P	0.5
4	☐			191701.68		P	1.3
5	☐			190615.06		P	0.8
6	☐			191688.19		P	2.2
7	☐			195273.49		P	1.1
8	☐			189781.20		P	0.3

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1177.86		P	5.4
2	☐			1502.90		P	3.6
3	☐			1444.55		P	3.3
4	☐			1455.67		P	13.2
5	☐			1405.66		P	8.7
6	☐			1388.99		P	10.5
7	☐			1455.67		P	10.1
8	☐			1469.56		P	10.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	19321.77	0.1236	P	2.1
2	☐	500.000	440.317	59930.72	0.3821	P	2.3
3	☐	2500.000	2424.332	250255.01	1.5468	P	2.7
4	☐	6250.000	6191.283	590626.86	3.7581	P	1.8
5	☐	12500.000	12252.711	1130013.18	7.3163	P	1.1
6	☐	25000.000	24999.698	2295675.64	14.7992	A	1.1
7	☐	50000.000	48451.160	4515862.30	28.5659	A	1.1
8	☐	250000.00	250324.50	24078466.51	147.0716	A	2.1

$$y = 5.8703\text{E-}004 * x + 0.1236$$

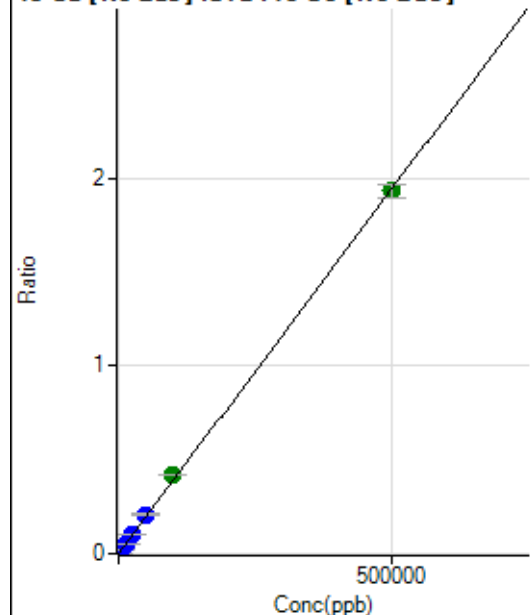
$$R = 1.0000$$

$$DL = 13.54$$

$$BEC = 210.6$$

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	136.65	0.0000	P	7.9
2	☐	500.000	455.475	8370.57	0.0018	P	0.6
3	☐	5000.000	5545.110	100620.65	0.0216	P	3.7
4	☐	12500.000	13618.996	248132.24	0.0529	P	2.7
5	☐	25000.000	27152.812	486396.02	0.1055	P	2.4
6	☐	50000.000	53433.076	971294.54	0.2076	P	2.6
7	☐	100000.00	108076.74	2012954.43	0.4198	A	1.9
8	☐	500000.00	497900.32	9075350.18	1.9341	A	3.5

$$y = 3.8844\text{E-}006 * x + 2.9577\text{E-}005$$

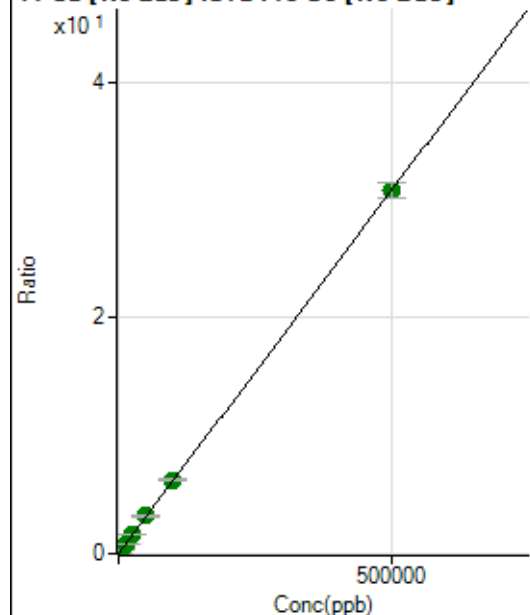
$$R = 0.9999$$

$$DL = 1.797$$

$$BEC = 7.614$$

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	9566.59	0.0021	P	4.2
2	☐	500.000	471.039	144544.39	0.0311	P	1.4
3	☐	5000.000	5362.374	1549238.15	0.3321	A	4.3
4	☐	12500.000	12990.422	3758012.00	0.8016	A	2.8
5	☐	25000.000	26551.322	7544393.11	1.6363	A	1.8
6	☐	50000.000	51896.497	14955627.65	3.1964	A	2.4
7	☐	100000.00	101180.97	29865155.03	6.2299	A	3.0
8	☐	500000.00	499480.73	144250287.2	30.7457	A	4.2

$$y = 6.1551\text{E-}005 * x + 0.0021$$

$$R = 1.0000$$

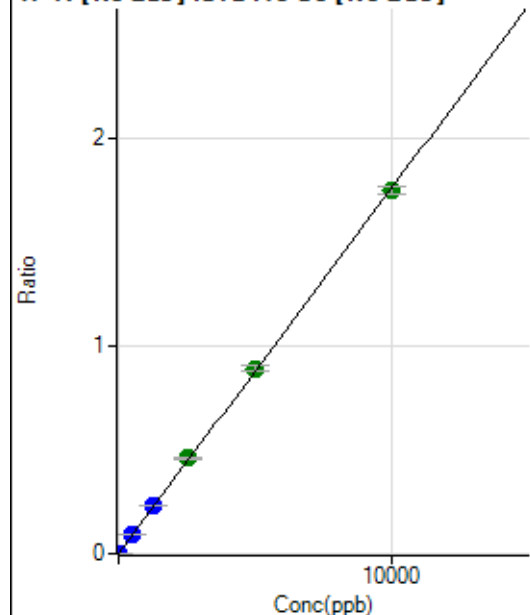
$$DL = 4.239$$

$$BEC = 33.63$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	230.57	0.0000	P	23.6
2	☐	5.000	4.917	4261.85	0.0009	P	6.2
3	☐	500.000	530.233	436034.85	0.0935	P	3.3
4	☐	1250.000	1311.996	1083723.55	0.2312	P	3.2
5	☐	2500.000	2618.362	2126822.59	0.4613	A	2.8
6	☐	5000.000	5059.537	4170490.02	0.8914	A	3.0
7	☐	10000.000	9931.380	8389250.71	1.7496	A	2.3
8	☐			2164.11	0.0005	P	7.0

$$y = 1.7617E-004 * x + 4.9693E-005$$

$$R = 0.9999$$

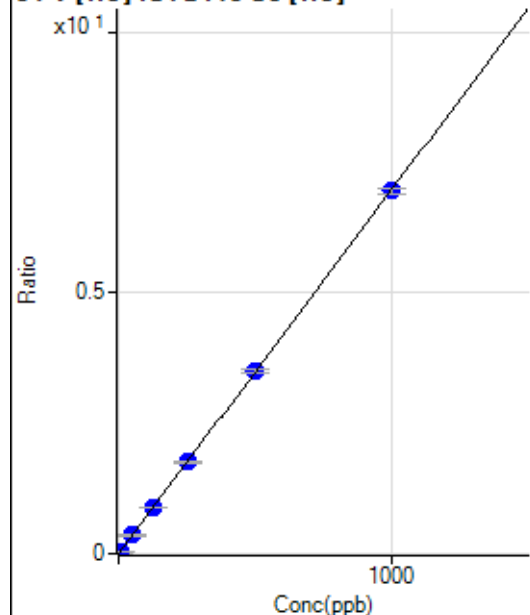
$$DL = 0.1999$$

$$BEC = 0.2821$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6.67	0.0000	P	50.4
2	☐	5.000	4.602	5039.82	0.0321	P	4.4
3	☐	50.000	50.246	56708.81	0.3505	P	1.6
4	☐	125.000	126.725	138921.50	0.8839	P	1.9
5	☐	250.000	251.885	271350.77	1.7569	P	1.8
6	☐	500.000	503.630	544945.56	3.5128	P	1.8
7	☐	1000.000	997.488	1099826.19	6.9575	P	1.9
8	☐			375.57	0.0023	P	31.3

$$y = 0.0070 * x + 4.2693E-005$$

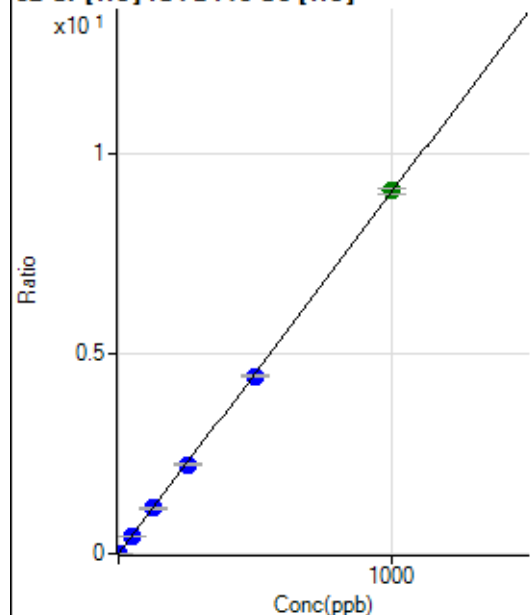
$$R = 1.0000$$

$$DL = 0.009247$$

$$BEC = 0.006121$$

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	475.57	0.0030	P	6.6
2	☐	2.000	1.762	2968.12	0.0189	P	3.4
3	☐	50.000	49.705	72986.70	0.4511	P	0.9
4	☐	125.000	126.163	179236.10	1.1404	P	2.6
5	☐	250.000	247.228	344684.57	2.2317	P	1.5
6	☐	500.000	492.180	688753.36	4.4399	P	1.7
7	☐	1000.000	1004.473	1431956.51	9.0580	A	1.8
8	☐			9880.18	0.0603	P	2.0

$$y = 0.0090 * x + 0.0030$$

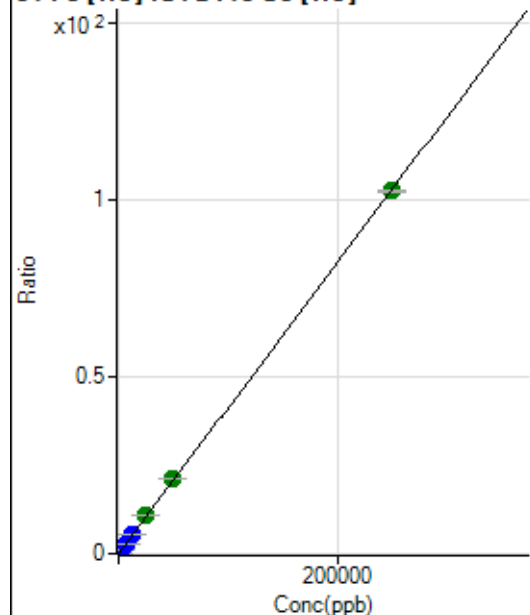
$$R = 0.9999$$

$$DL = 0.067$$

$$BEC = 0.3376$$

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	594.47	0.0038	P	7.3
2	☐	50.000	49.112	3765.38	0.0240	P	6.2
3	☐	2500.000	2545.890	170101.62	1.0514	P	1.8
4	☐	6250.000	6501.535	421049.58	2.6790	P	2.0
5	☐	12500.000	12944.514	823218.27	5.3301	P	1.5
6	☐	25000.000	26514.954	1693021.13	10.9139	A	2.1
7	☐	50000.000	51260.197	3334834.97	21.0957	A	0.8
8	☐	250000.00	249567.49	16815820.86	102.6928	A	0.7

$$y = 4.1147E-004 * x + 0.0038$$

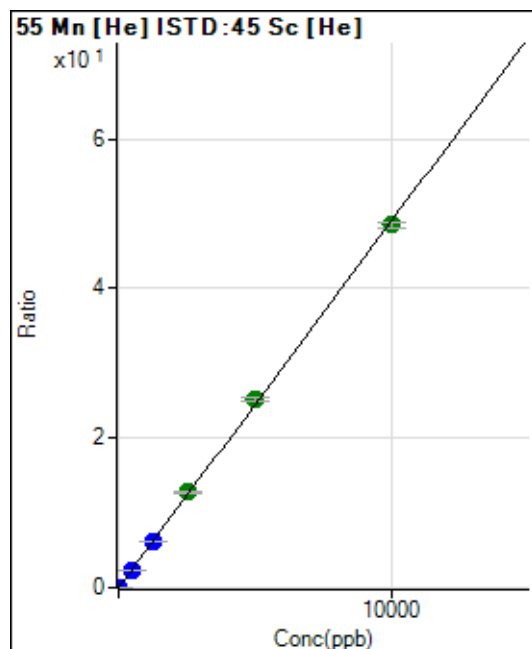
$$R = 1.0000$$

$$DL = 2.014$$

$$BEC = 9.243$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	43.33	0.0003	P	34.0
2	☐	1.000	0.951	774.47	0.0049	P	9.2
3	☐	500.000	493.146	391185.45	2.4178	P	2.0
4	☐	1250.000	1256.098	967902.27	6.1581	P	1.7
5	☐	2500.000	2607.960	1974734.31	12.7854	A	1.9
6	☐	5000.000	5154.644	3920277.76	25.2701	A	2.2
7	☐	10000.000	9895.269	7668828.22	48.5102	A	1.3
8	☐			8535.99	0.0522	P	4.5

$$y = 0.0049 * x + 2.7751E-004$$

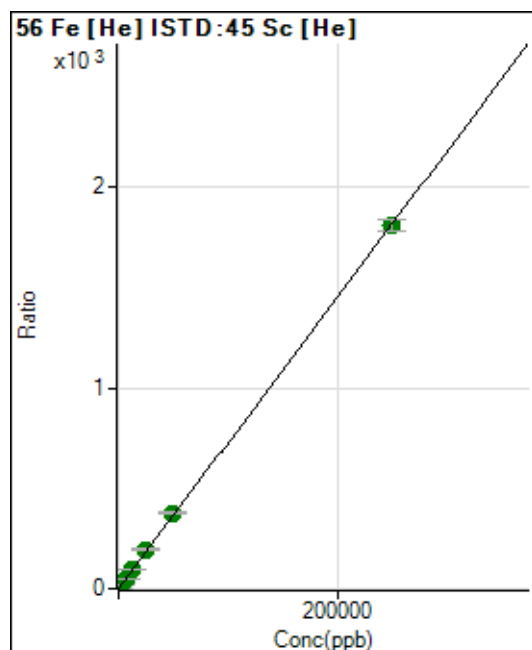
$$R = 0.9997$$

$$DL = 0.05771$$

$$BEC = 0.05661$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2913.32	0.0186	P	4.6
2	☐	50.000	47.797	57259.40	0.3651	P	3.9
3	☐	2500.000	2664.521	3128092.78	19.3342	A	1.8
4	☐	6250.000	6780.414	7728275.58	49.1709	A	2.4
5	☐	12500.000	13511.229	15131083.09	97.9637	A	2.2
6	☐	25000.000	26722.262	30056356.00	193.7325	A	3.0
7	☐	50000.000	52175.433	59798311.06	378.2465	A	2.3
8	☐	250000.00	249327.22	296062210.3	1,807.430	A	3.3

$$y = 0.0072 * x + 0.0186$$

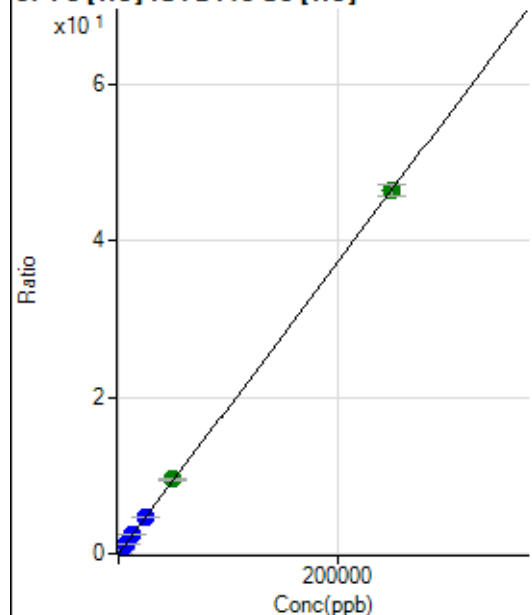
$$R = 0.9999$$

$$DL = 0.3576$$

$$BEC = 2.572$$

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	209.26	0.0013	P	19.7
2	☐	50.000	44.740	1511.22	0.0096	P	8.2
3	☐	2500.000	2529.257	76132.55	0.4706	P	1.2
4	☐	6250.000	6387.940	186473.16	1.1864	P	3.0
5	☐	12500.000	12790.435	366732.74	2.3742	P	2.3
6	☐	25000.000	25497.318	733984.31	4.7315	P	1.4
7	☐	50000.000	51282.277	1504176.13	9.5151	A	3.4
8	☐	250000.00	249675.55	7585486.39	46.3204	A	3.2

$$y = 1.8552\text{E-}004 * x + 0.0013$$

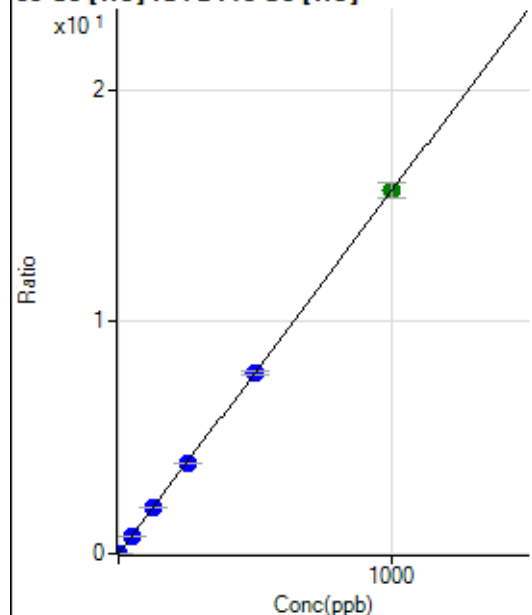
$$R = 1.0000$$

$$DL = 4.262$$

$$BEC = 7.221$$

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	42.22	0.0003	P	31.5
2	☐	1.000	0.953	2380.23	0.0152	P	3.9
3	☐	50.000	49.929	126354.76	0.7810	P	1.7
4	☐	125.000	126.896	311892.16	1.9844	P	1.9
5	☐	250.000	250.496	604979.47	3.9171	P	0.6
6	☐	500.000	498.312	1208695.60	7.7919	P	1.3
7	☐	1000.000	1000.487	2473156.92	15.6440	A	4.2
8	☐			2354.67	0.0144	P	7.6

$$y = 0.0156 * x + 2.6990\text{E-}004$$

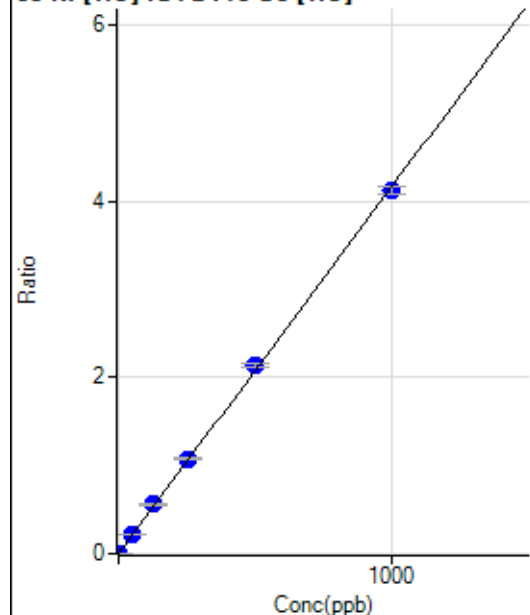
$$R = 1.0000$$

$$DL = 0.01629$$

$$BEC = 0.01726$$

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	54.45	0.0003	P	43.4
2	☐	1.000	1.001	708.91	0.0045	P	6.8
3	☐	50.000	52.095	35152.38	0.2173	P	2.7
4	☐	125.000	133.725	87570.54	0.5572	P	2.2
5	☐	250.000	258.269	166147.70	1.0758	P	1.7
6	☐	500.000	514.445	332300.05	2.1425	P	1.3
7	☐	1000.000	989.515	651400.09	4.1206	P	2.1
8	☐			2191.30	0.0134	P	4.3

$$y = 0.0042 * x + 3.4884E-004$$

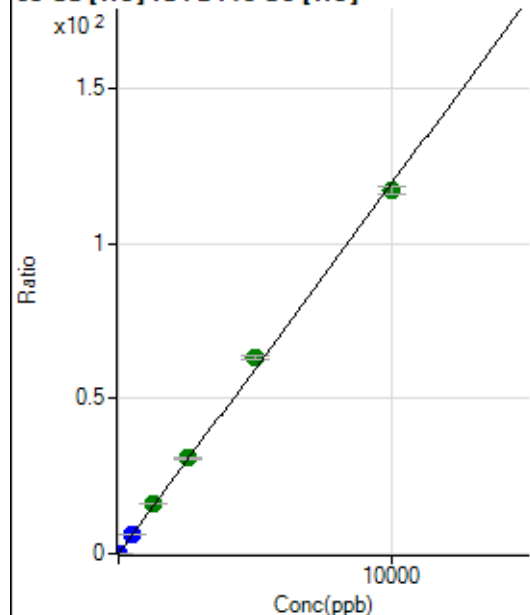
$$R = 0.9998$$

$$DL = 0.1091$$

$$BEC = 0.08378$$

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	658.91	0.0042	P	8.8
2	☐	2.000	1.989	4387.39	0.0280	P	5.6
3	☐	500.000	505.034	976798.41	6.0374	P	1.6
4	☐	1250.000	1332.854	2503211.73	15.9266	A	0.8
5	☐	2500.000	2590.246	4779400.03	30.9474	A	2.1
6	☐	5000.000	5315.985	9849701.80	63.5092	A	2.3
7	☐	10000.000	9808.838	18524791.95	117.1811	A	2.2
8	☐			6423.88	0.0393	P	19.3

$$y = 0.0119 * x + 0.0042$$

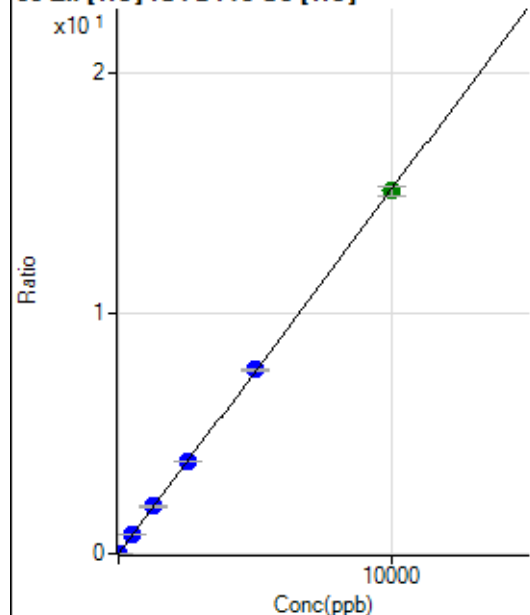
$$R = 0.9992$$

$$DL = 0.09264$$

$$BEC = 0.3528$$

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	146.67	0.0009	P	5.0
2	☐	2.000	2.228	677.80	0.0043	P	3.9
3	☐	500.000	508.479	125021.11	0.7727	P	1.2
4	☐	1250.000	1293.545	308732.98	1.9643	P	2.0
5	☐	2500.000	2546.247	597049.49	3.8657	P	0.2
6	☐	5000.000	5042.812	1187276.46	7.6551	P	1.5
7	☐	10000.000	9961.165	2390310.59	15.1204	A	2.7
8	☐			1859.03	0.0114	P	7.4

$$y = 0.0015 * x + 9.3859E-004$$

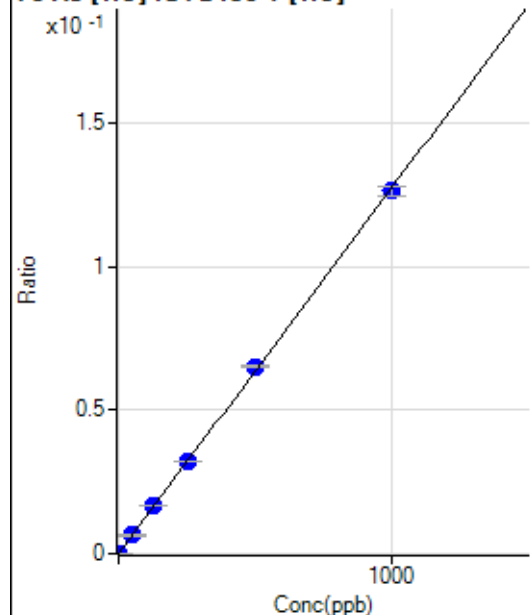
$$R = 1.0000$$

$$DL = 0.09309$$

$$BEC = 0.6184$$

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	4.33	0.0000	P	35.6
2	☐	1.000	1.035	146.68	0.0001	P	7.0
3	☐	50.000	50.588	7093.84	0.0064	P	2.8
4	☐	125.000	130.795	17875.07	0.0167	P	2.5
5	☐	250.000	252.467	34414.28	0.0321	P	1.1
6	☐	500.000	511.365	69503.44	0.0651	P	1.1
7	☐	1000.000	992.947	137765.16	0.1264	P	2.7
8	☐			59.01	0.0001	P	21.8

$$y = 1.2729E-004 * x + 4.0185E-006$$

$$R = 0.9999$$

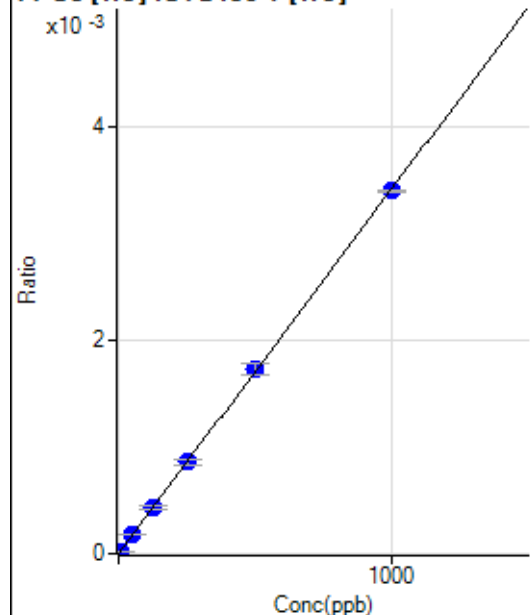
$$DL = 0.03375$$

$$BEC = 0.03157$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.721	21.11	0.0000	P	23.1
3	☐	50.000	51.777	194.45	0.0002	P	5.9
4	☐	125.000	125.375	458.90	0.0004	P	10.4
5	☐	250.000	251.658	918.93	0.0009	P	7.1
6	☐	500.000	507.768	1849.03	0.0017	P	5.8
7	☐	1000.000	995.562	3702.74	0.0034	P	0.7
8	☐			3.33	0.0000	P	99.5

$$y = 3.4118\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 1.0000$$

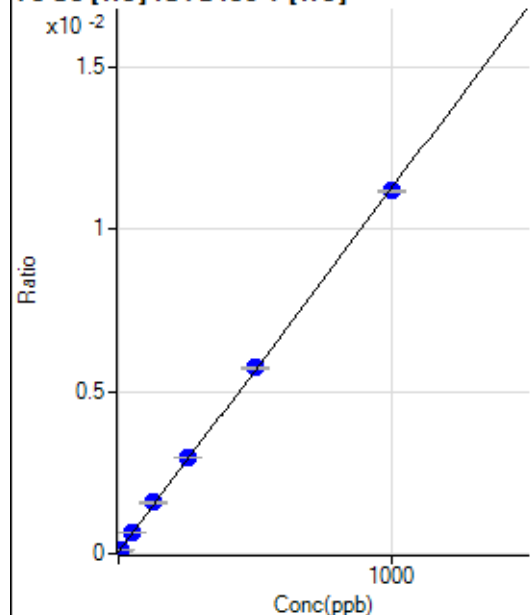
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.01	0.0001	P	24.5
2	☐	5.000	4.950	121.01	0.0001	P	5.4
3	☐	50.000	51.277	694.76	0.0006	P	2.4
4	☐	125.000	135.539	1691.28	0.0016	P	2.5
5	☐	250.000	259.206	3170.35	0.0030	P	0.9
6	☐	500.000	506.707	6122.29	0.0057	P	1.1
7	☐	1000.000	992.964	12189.49	0.0112	P	0.7
8	☐			75.01	0.0001	P	13.5

$$y = 1.1205\text{E-}005 * x + 5.6532\text{E-}005$$

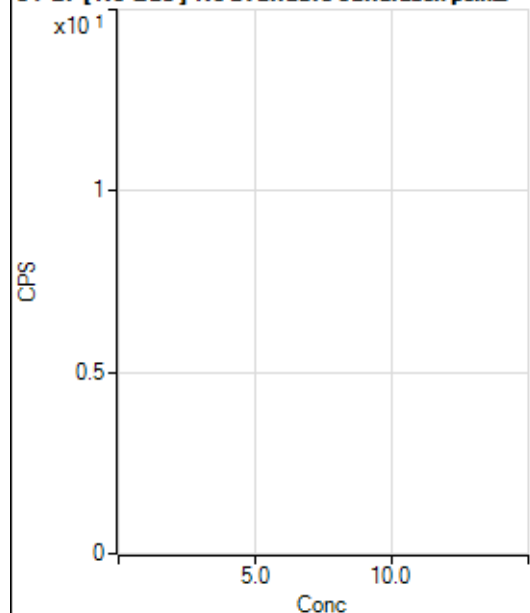
$$R = 0.9999$$

$$DL = 3.706$$

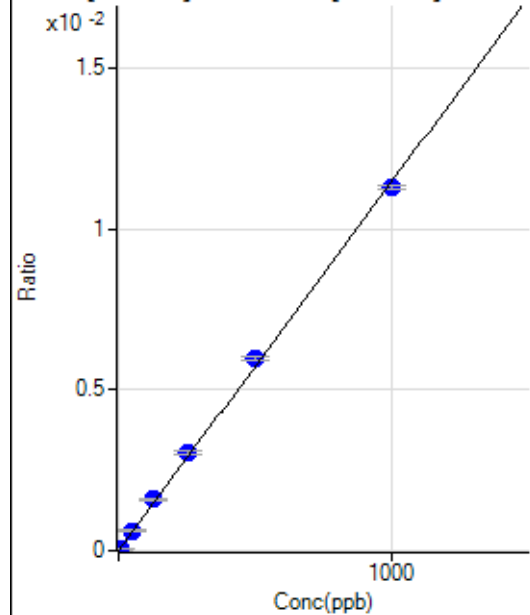
$$BEC = 5.045$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			35632.30		P	5.1
2	☐			34371.51		P	3.5
3	☐			32899.62		P	0.7
4	☐			33427.86		P	1.7
5	☐			33799.25		P	5.5
6	☐			32621.97		P	4.8
7	☐			33615.71		P	2.0
8	☐			35665.86		P	5.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	21.67	0.0000	P	48.3
2	☐	5.000	5.128	596.21	0.0001	P	7.0
3	☐	50.000	54.433	6184.52	0.0006	P	4.3
4	☐	125.000	138.267	15514.58	0.0016	P	2.9
5	☐	250.000	263.942	30224.46	0.0030	P	3.6
6	☐	500.000	521.361	59377.62	0.0060	P	2.4
7	☐	1000.000	983.954	117194.93	0.0113	P	1.2
8	☐			166.24	0.0000	P	4.9

$$y = 1.1475E-005 * x + 2.2122E-006$$

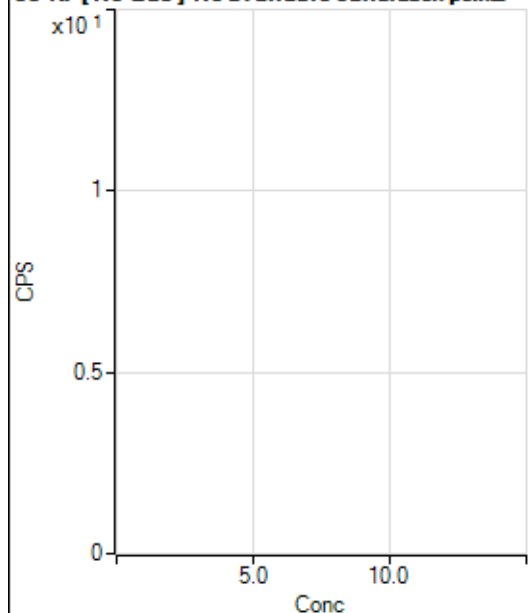
$$R = 0.9995$$

$$DL = 0.2794$$

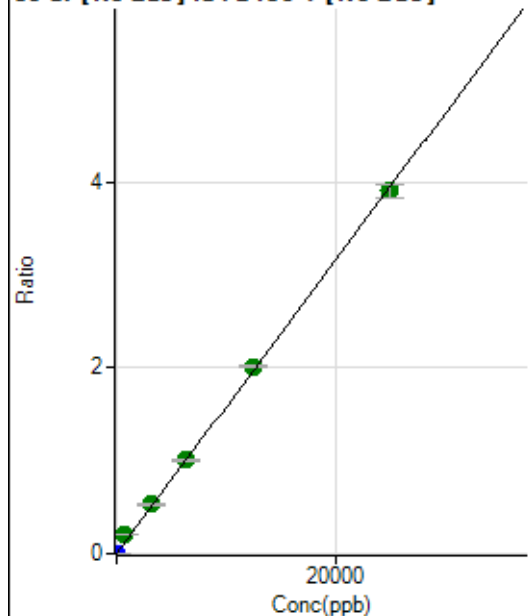
$$BEC = 0.1928$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			377.46		P	3.9
2	☐			401.63		P	1.6
3	☐			387.88		P	5.7
4	☐			401.21		P	3.9
5	☐			399.13		P	2.5
6	☐			395.79		P	6.7
7	☐			399.96		P	6.1
8	☐			434.12		P	0.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	594.47	0.0001	P	10.6
2	☐	1.000	1.003	2139.10	0.0002	P	6.2
3	☐	625.000	1319.989	2052252.72	0.2079	A	2.5
4	☐	3125.000	3358.606	5164354.98	0.5290	A	3.9
5	☐	6250.000	6393.867	10041906.13	1.0070	A	2.5
6	☐	12500.000	12783.001	19976134.82	2.0131	A	0.6
7	☐	25000.000	24775.957	40480341.53	3.9018	A	4.0
8	☐			12884.04	0.0013	P	6.3

$$y = 1.5748E-004 * x + 6.0875E-005$$

$$R = 0.9996$$

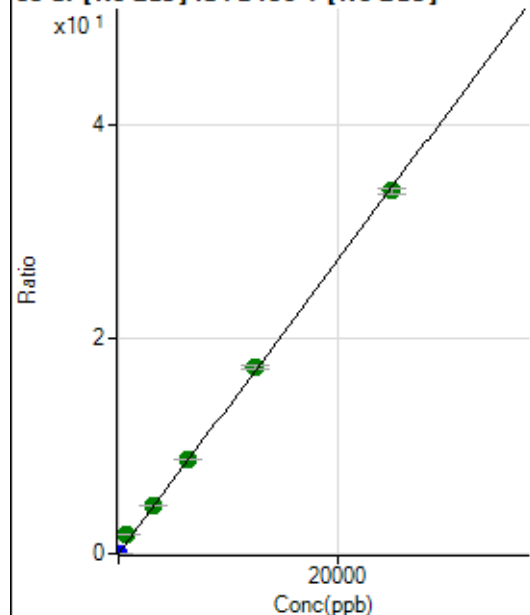
$$DL = 0.1227$$

$$BEC = 0.3866$$

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	111.11	0.0000	P	15.0
2	☐	1.000	0.979	13153.76	0.0013	P	8.4
3	☐	625.000	1299.102	17482912.89	1.7713	A	2.2
4	☐	3125.000	3308.754	44057061.40	4.5114	A	2.4
5	☐	6250.000	6464.291	87907042.94	8.8138	A	0.8
6	☐	12500.000	12729.326	172199853.8	17.3559	A	1.7
7	☐	25000.000	24791.942	350824966.1	33.8027	A	1.8
8	☐			107237.98	0.0105	P	3.2

$$y = 0.0014 * x + 1.1365E-005$$

$$R = 0.9996$$

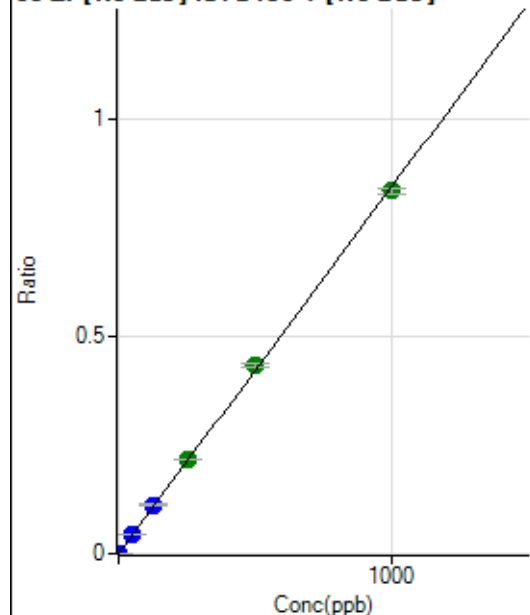
$$DL = 0.003762$$

$$BEC = 0.008336$$

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	352.79	0.0000	P	8.2
2	☐	1.000	0.973	8374.99	0.0009	P	3.0
3	☐	50.000	51.866	432684.08	0.0438	P	3.5
4	☐	125.000	132.380	1092101.92	0.1119	P	3.4
5	☐	250.000	256.613	2162181.73	0.2168	A	1.7
6	☐	500.000	515.858	4323951.66	0.4358	A	2.2
7	☐	1000.000	989.402	8673243.34	0.8358	A	1.3
8	☐			2541.97	0.0002	P	5.9

$$y = 8.4472E-004 * x + 3.6118E-005$$

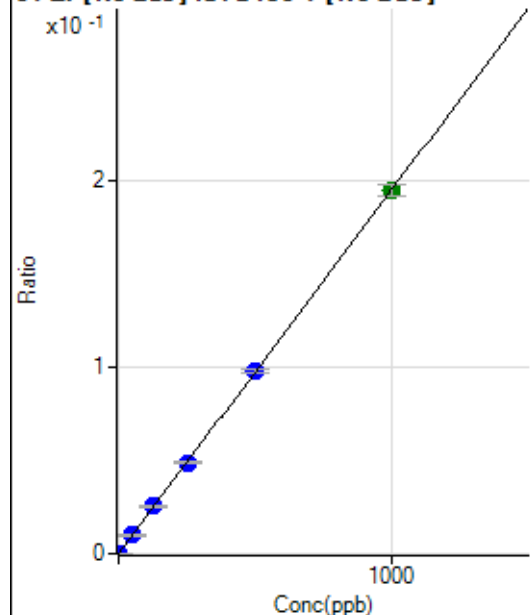
$$R = 0.9998$$

$$DL = 0.01047$$

$$BEC = 0.04276$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	55.56	0.0000	P	22.3
2	☐	1.000	0.974	1908.52	0.0002	P	0.5
3	☐	50.000	50.824	97749.34	0.0099	P	3.2
4	☐	125.000	129.691	246722.38	0.0253	P	3.3
5	☐	250.000	249.913	485550.66	0.0487	P	2.1
6	☐	500.000	503.099	972382.21	0.0980	P	2.3
7	☐	1000.000	997.844	2016860.99	0.1944	A	3.3
8	☐			613.92	0.0001	P	14.5

$$y = 1.9480\text{E-}004 * x + 5.6810\text{E-}006$$

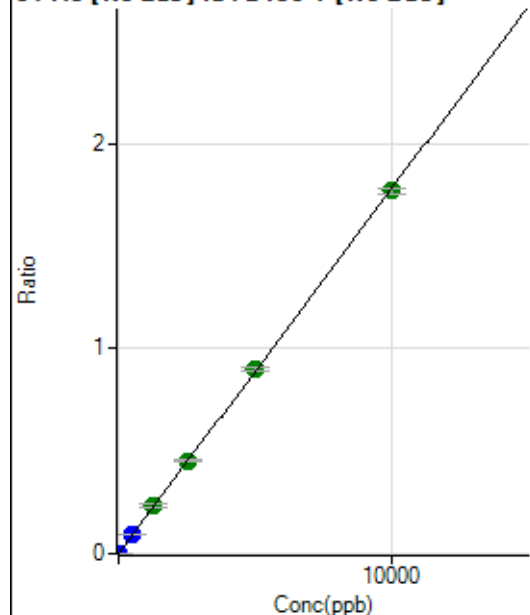
$$R = 1.0000$$

$$DL = 0.0195$$

$$BEC = 0.02916$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	108.34	0.0000	P	14.6
2	☐	5.000	5.878	10315.21	0.0011	P	0.2
3	☐	500.000	514.337	902511.64	0.0915	P	2.4
4	☐	1250.000	1316.695	2285016.65	0.2341	A	4.3
5	☐	2500.000	2555.275	4530329.49	0.4543	A	2.5
6	☐	5000.000	5064.141	8932340.22	0.9003	A	2.1
7	☐	10000.000	9945.056	18347491.90	1.7681	A	1.4
8	☐			5795.81	0.0006	P	4.6

$$y = 1.7778\text{E-}004 * x + 1.1080\text{E-}005$$

$$R = 0.9999$$

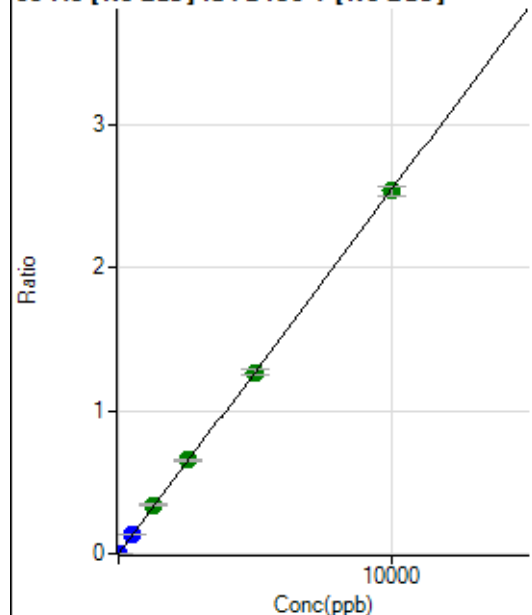
$$DL = 0.02735$$

$$BEC = 0.06232$$

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	13.89	0.0000	P	91.7
2	☐	5.000	5.086	12661.65	0.0013	P	4.0
3	☐	500.000	517.181	1298907.74	0.1316	P	3.6
4	☐	1250.000	1339.956	3330265.94	0.3411	A	3.1
5	☐	2500.000	2565.577	6511857.96	0.6530	A	3.7
6	☐	5000.000	4993.644	12609624.67	1.2711	A	3.5
7	☐	10000.000	9974.680	26344221.08	2.5389	A	2.6
8	☐			7138.17	0.0007	P	4.1

$$y = 2.5454\text{E-}004 * x + 1.4286\text{E-}006$$

$$R = 0.9999$$

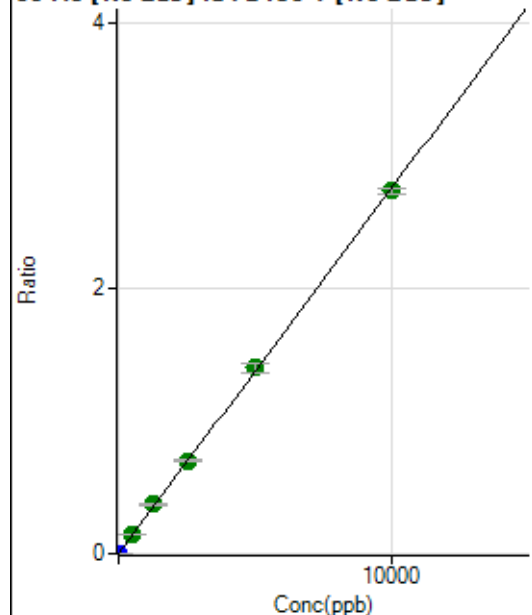
$$DL = 0.01543$$

$$BEC = 0.005613$$

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	66.67	0.0000	P	32.2
2	☐	5.000	5.093	13762.77	0.0014	P	3.2
3	☐	500.000	520.262	1413124.86	0.1432	A	4.0
4	☐	1250.000	1356.830	3647432.03	0.3735	A	2.7
5	☐	2500.000	2539.474	6971895.99	0.6991	A	2.5
6	☐	5000.000	5089.271	13895596.06	1.4010	A	4.9
7	☐	10000.000	9931.129	28370821.12	2.7339	A	1.3
8	☐			18167.97	0.0018	P	2.5

$$y = 2.7529\text{E-}004 * x + 6.8109\text{E-}006$$

$$R = 0.9999$$

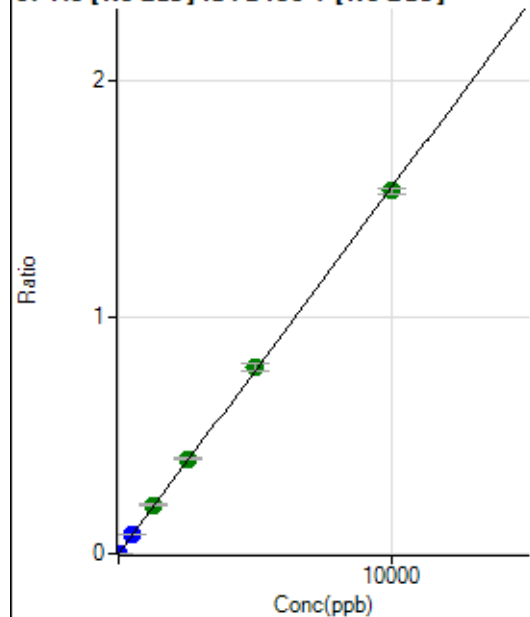
$$DL = 0.02387$$

$$BEC = 0.02474$$

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	115.
2	☐	5.000	4.951	7493.88	0.0008	P	6.1
3	☐	500.000	527.680	805031.79	0.0816	P	3.9
4	☐	1250.000	1327.082	2003447.39	0.2052	A	3.3
5	☐	2500.000	2593.461	3999441.06	0.4010	A	1.4
6	☐	5000.000	5111.184	7839310.16	0.7903	A	3.8
7	☐	10000.000	9910.023	15902193.93	1.5323	A	1.5
8	☐			4656.49	0.0005	P	11.8

$$y = 1.5462\text{E-}004 * x + 1.1386\text{E-}006$$

$$R = 0.9998$$

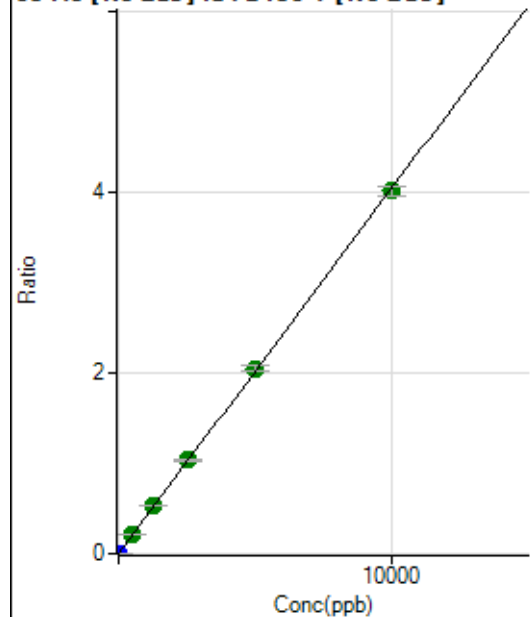
$$DL = 0.02543$$

$$BEC = 0.007364$$

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	30.56	0.0000	P	30.6
2	☐	5.000	4.893	19319.53	0.0020	P	1.4
3	☐	500.000	526.690	2098023.40	0.2126	A	3.4
4	☐	1250.000	1301.849	5133070.56	0.5255	A	1.6
5	☐	2500.000	2560.165	10306686.51	1.0334	A	1.5
6	☐	5000.000	5081.742	20350186.05	2.0513	A	2.6
7	☐	10000.000	9936.272	41614211.00	4.0109	A	3.0
8	☐			11182.58	0.0011	P	3.9

$$y = 4.0366\text{E-}004 * x + 3.1219\text{E-}006$$

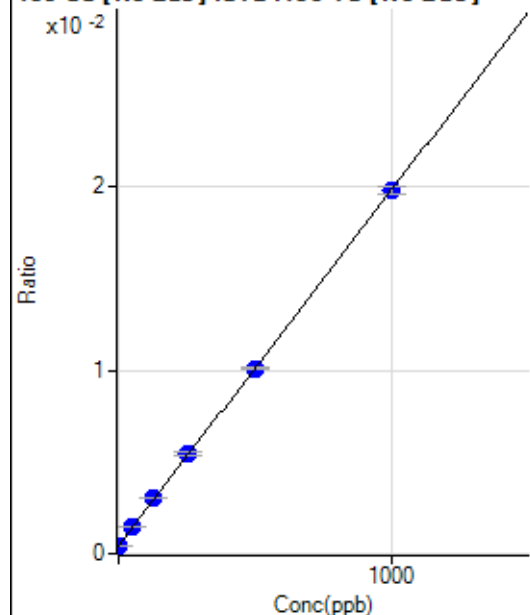
$$R = 0.9999$$

$$DL = 0.007089$$

$$BEC = 0.007734$$

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	3131.00	0.0004	P	5.7
2	☐	1.000	0.430	3250.47	0.0004	P	2.0
3	☐	50.000	52.949	10876.87	0.0015	P	0.5
4	☐	125.000	134.111	22416.06	0.0030	P	1.3
5	☐	250.000	257.075	40660.92	0.0054	P	3.1
6	☐	500.000	498.757	76996.44	0.0101	P	1.0
7	☐	1000.000	997.567	151710.09	0.0198	P	2.0
8	☐			3250.46	0.0004	P	2.3

$$y = 1.9383E-005 * x + 4.3673E-004$$

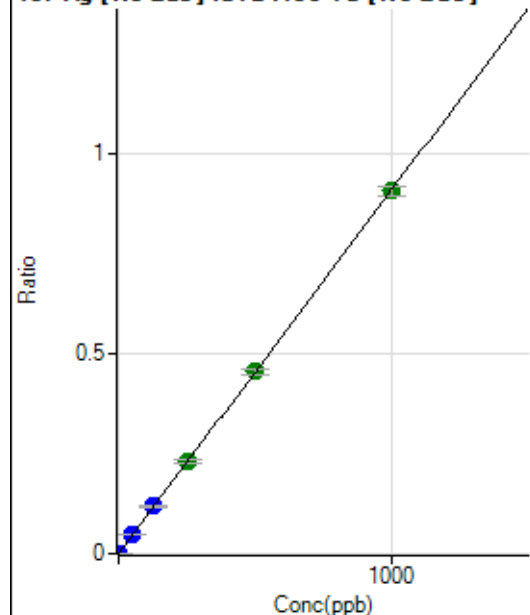
$$R = 0.9999$$

$$DL = 3.871$$

$$BEC = 22.53$$

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	91.67	0.0000	P	19.7
2	☐	1.000	0.983	6618.43	0.0009	P	2.9
3	☐	50.000	52.248	353306.58	0.0475	P	1.2
4	☐	125.000	130.484	875724.01	0.1187	P	2.2
5	☐	250.000	254.430	1735806.29	0.2314	A	2.9
6	☐	500.000	500.356	3466924.93	0.4550	A	2.9
7	☐	1000.000	997.916	6962075.50	0.9074	A	2.6
8	☐			3461.65	0.0005	P	8.6

$$y = 9.0925E-004 * x + 1.2808E-005$$

$$R = 1.0000$$

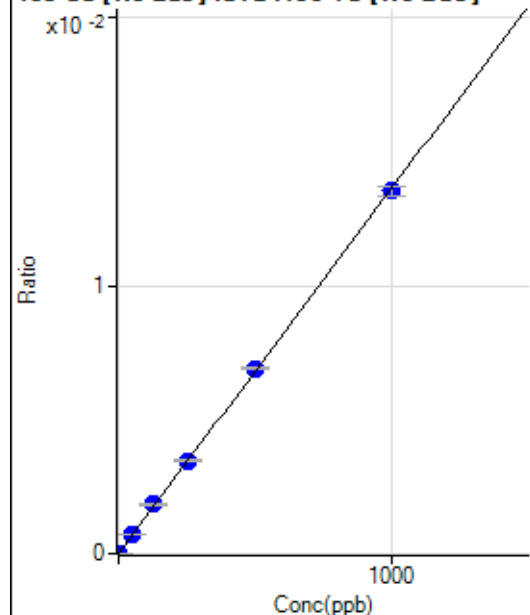
$$DL = 0.008308$$

$$BEC = 0.01409$$

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	33.5
2	☐	1.000	1.144	126.39	0.0000	P	16.4
3	☐	50.000	54.567	5542.85	0.0007	P	1.8
4	☐	125.000	134.972	13594.37	0.0018	P	2.1
5	☐	250.000	254.753	26073.49	0.0035	P	1.2
6	☐	500.000	507.636	52739.64	0.0069	P	1.3
7	☐	1000.000	993.519	103906.18	0.0135	P	2.8
8	☐			91.67	0.0000	P	29.3

$$y = 1.3630\text{E-}005 * x + 1.7454\text{E-}006$$

$$R = 0.9999$$

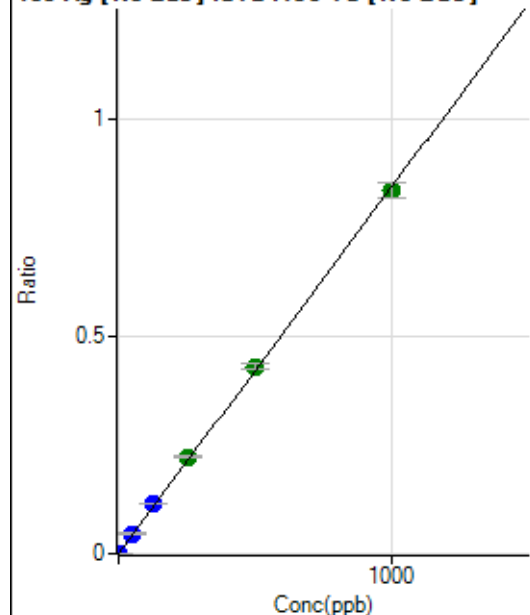
$$DL = 0.1286$$

$$BEC = 0.1281$$

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	69.44	0.0000	P	37.1
2	☐	1.000	1.027	6387.76	0.0009	P	4.1
3	☐	50.000	54.482	341381.93	0.0459	P	2.3
4	☐	125.000	135.749	844406.03	0.1144	P	0.8
5	☐	250.000	262.896	1662391.41	0.2215	A	1.9
6	☐	500.000	510.709	3279290.57	0.4303	A	2.5
7	☐	1000.000	989.854	6398116.81	0.8341	A	4.3
8	☐			3317.16	0.0004	P	3.2

$$y = 8.4261\text{E-}004 * x + 9.6506\text{E-}006$$

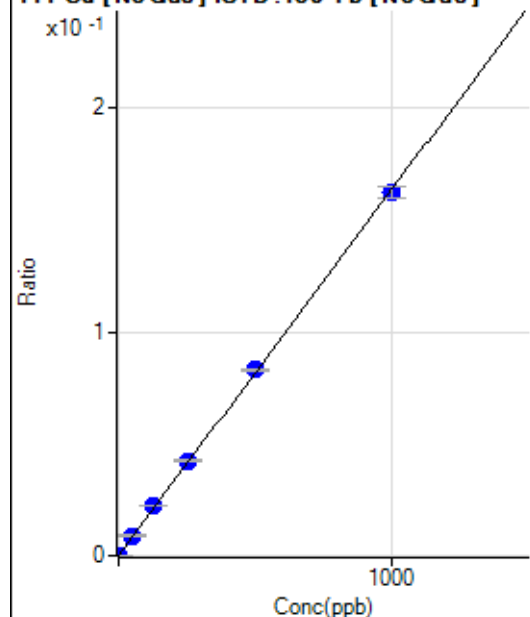
$$R = 0.9998$$

$$DL = 0.01274$$

$$BEC = 0.01145$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	325.18	0.0000	P	4.9
2	☐	1.000	1.006	1531.10	0.0002	P	2.6
3	☐	50.000	54.744	66835.87	0.0090	P	1.4
4	☐	125.000	136.484	164912.03	0.0223	P	1.9
5	☐	250.000	259.603	318635.95	0.0425	P	2.1
6	☐	500.000	508.470	633448.00	0.0831	P	0.7
7	☐	1000.000	991.692	1243471.11	0.1621	P	3.1
8	☐			763.67	0.0001	P	3.4

$$y = 1.6340E-004 * x + 4.5325E-005$$

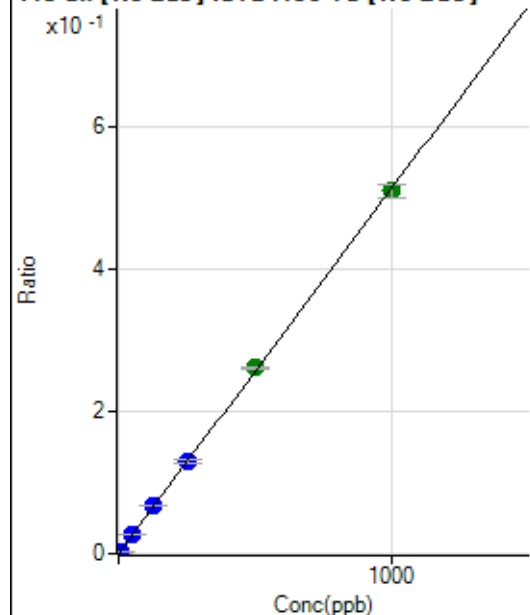
$$R = 0.9999$$

$$DL = 0.04113$$

$$BEC = 0.2774$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	672.26	0.0001	P	3.1
2	☐	5.000	4.892	19016.49	0.0026	P	2.9
3	☐	50.000	52.559	201227.92	0.0271	P	2.9
4	☐	125.000	131.236	497798.14	0.0675	P	1.6
5	☐	250.000	252.470	972989.54	0.1297	P	2.7
6	☐	500.000	509.095	1991900.07	0.2614	A	1.2
7	☐	1000.000	993.928	3914335.81	0.5102	A	3.4
8	☐			4795.41	0.0006	P	3.1

$$y = 5.1326E-004 * x + 9.3787E-005$$

$$R = 0.9999$$

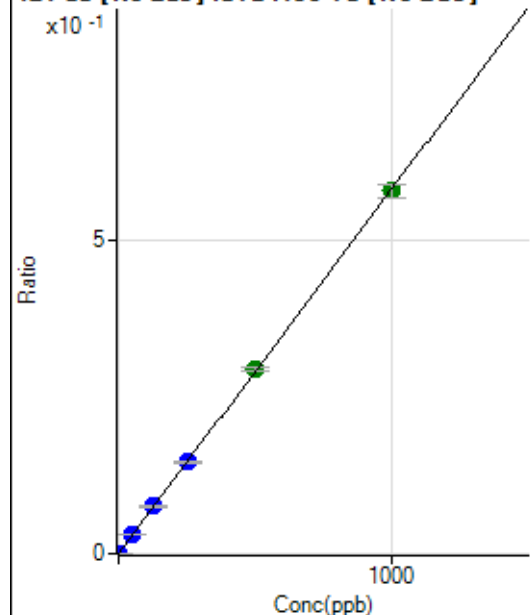
$$DL = 0.01716$$

$$BEC = 0.1827$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	56.6
2	☐	2.000	1.936	8238.84	0.0011	P	1.0
3	☐	50.000	51.933	224456.43	0.0302	P	2.0
4	☐	125.000	129.625	556039.13	0.0754	P	2.7
5	☐	250.000	252.246	1100288.10	0.1466	P	2.3
6	☐	500.000	505.888	2240774.38	0.2941	A	1.7
7	☐	1000.000	995.820	4440491.33	0.5789	A	3.5
8	☐			2430.84	0.0003	P	12.1

$$y = 5.8128\text{E-}004 * x + 3.0814\text{E-}006$$

$$R = 1.0000$$

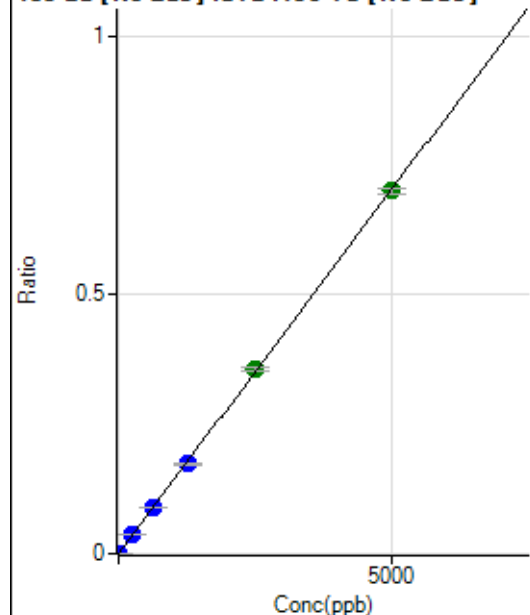
$$DL = 0.009008$$

$$BEC = 0.005301$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	1.8
2	☐	10.000	9.136	9389.63	0.0013	P	2.4
3	☐	250.000	252.149	263371.89	0.0354	P	0.6
4	☐	625.000	634.293	657668.11	0.0891	P	1.6
5	☐	1250.000	1234.715	1301581.15	0.1735	P	2.4
6	☐	2500.000	2538.546	2717610.41	0.3566	A	1.6
7	☐	5000.000	4983.281	5372238.57	0.7001	A	1.6
8	☐			3103.23	0.0004	P	2.7

$$y = 1.4049\text{E-}004 * x + 2.3254\text{E-}006$$

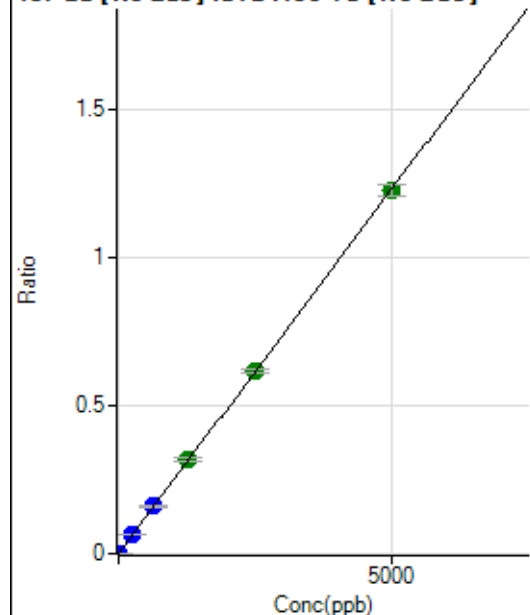
$$R = 0.9999$$

$$DL = 0.0009123$$

$$BEC = 0.01655$$

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	8.33	0.0000	P	99.2
2	☐	10.000	9.362	16802.52	0.0023	P	0.9
3	☐	250.000	254.682	465088.46	0.0626	P	2.6
4	☐	625.000	647.093	1172942.41	0.1589	P	2.3
5	☐	1250.000	1295.053	2387478.63	0.3181	A	3.5
6	☐	2500.000	2512.408	4702529.57	0.6171	A	2.5
7	☐	5000.000	4979.538	9384912.36	1.2231	A	3.0
8	☐			5203.92	0.0007	P	2.0

$$y = 2.4563E-004 * x + 1.1659E-006$$

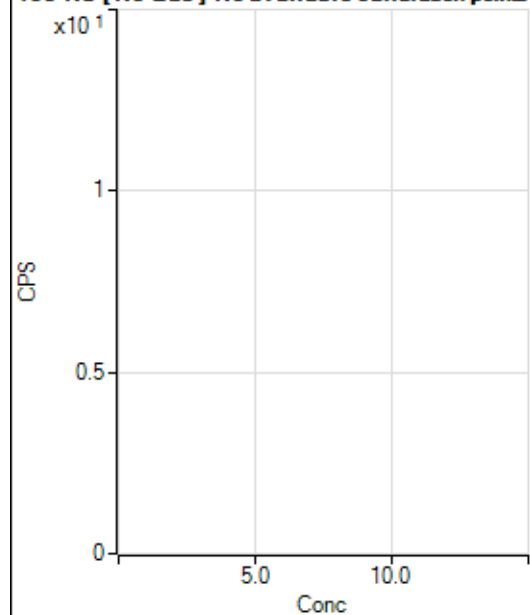
$$R = 0.9999$$

$$DL = 0.01412$$

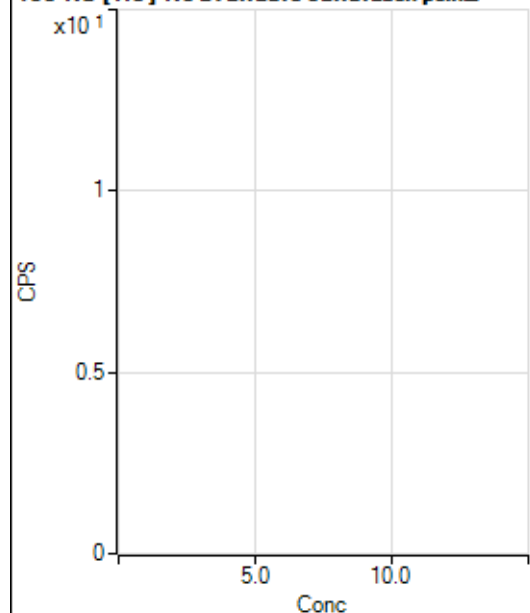
$$BEC = 0.004747$$

Weight: <None>

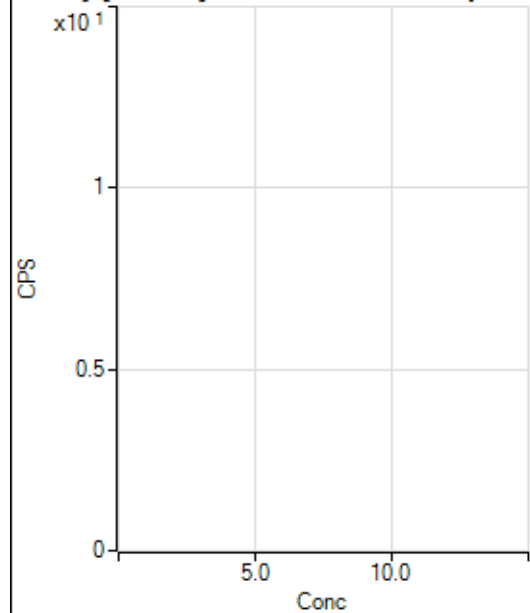
Min Conc: 0

150 Nd [No Gas] No available calibration points

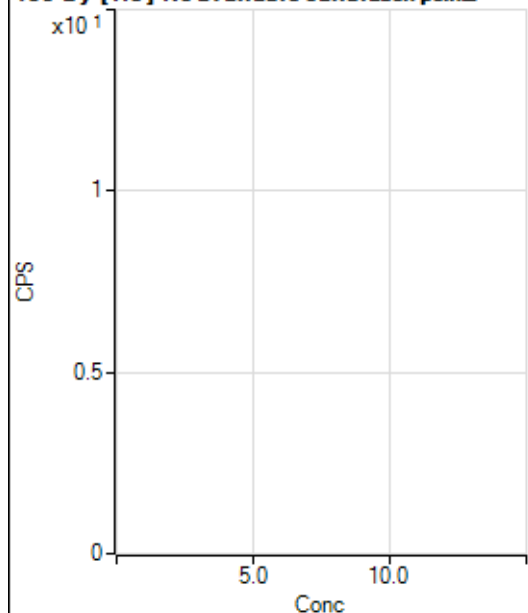
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	0.0
2	☐			2.22		P	173.
3	☐			22.22		P	148.
4	☐			44.44		P	22.9
5	☐			124.45		P	35.7
6	☐			191.12		P	17.9
7	☐			362.24		P	8.3
8	☐			35.56		P	28.6

150 Nd [He] No available calibration points

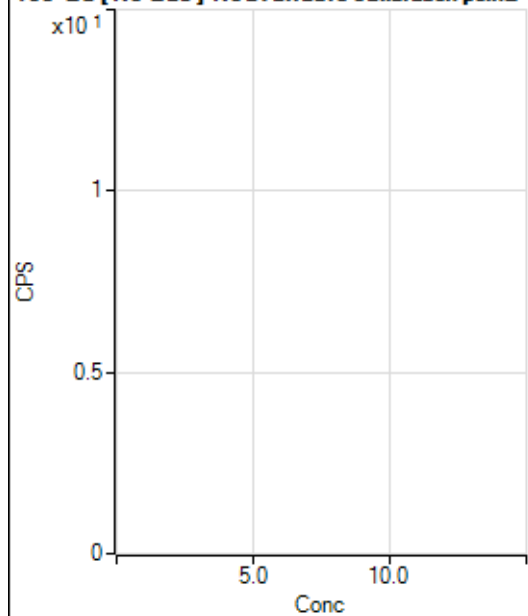
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			0.00		P	
3	☐			2.22		P	86.6
4	☐			2.22		P	173.
5	☐			10.00		P	88.2
6	☐			12.22		P	56.8
7	☐			33.33		P	36.1
8	☐			15.56		P	12.4

156 Dy [No Gas] No available calibration points

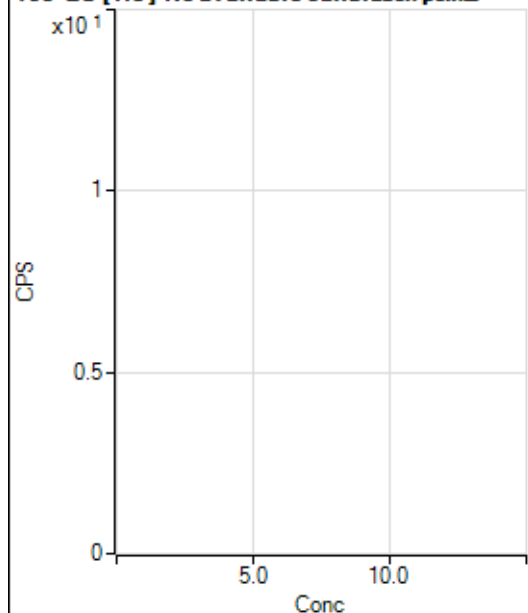
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			8.33		P	100.
3	☐			25.00		P	57.7
4	☐			47.22		P	27.0
5	☐			69.44		P	27.7
6	☐			177.78		P	18.9
7	☐			319.46		P	11.8
8	☐			1097.30		P	7.5

156 Dy [He] No available calibration points

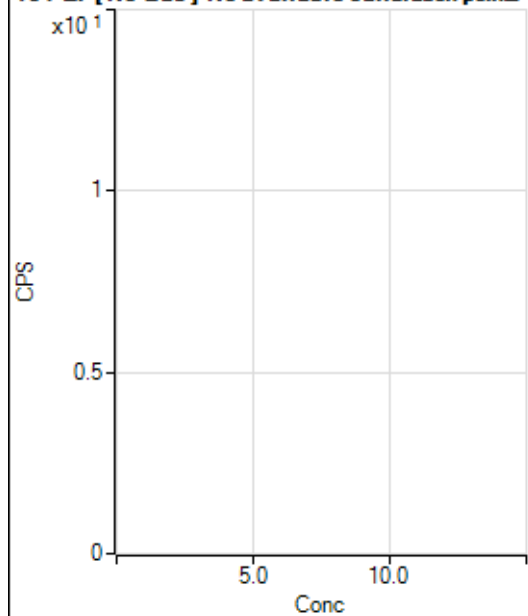
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			2.22		P	173.
3	☐			6.67		P	50.0
4	☐			14.45		P	26.7
5	☐			32.22		P	15.8
6	☐			52.22		P	42.5
7	☐			112.22		P	4.5
8	☐			417.79		P	11.6

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

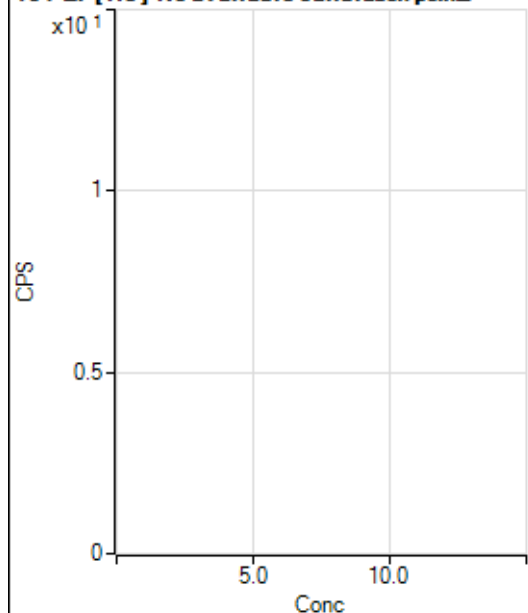
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.45		P	10.8
2	☐			61.11		P	20.8
3	☐			61.11		P	20.8
4	☐			100.00		P	38.2
5	☐			127.78		P	16.4
6	☐			191.68		P	19.9
7	☐			244.46		P	8.6
8	☐			1094.52		P	2.9

160 Gd [He] No available calibration points

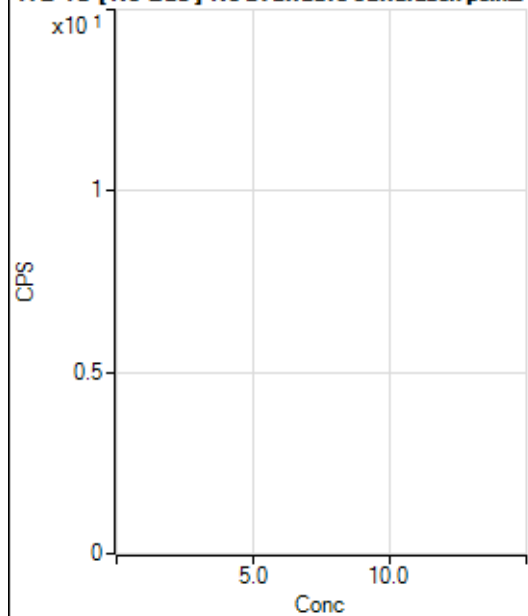
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			80.00		P	4.2
2	☐			93.33		P	7.1
3	☐			92.22		P	27.6
4	☐			103.33		P	11.6
5	☐			124.45		P	10.8
6	☐			135.56		P	11.4
7	☐			175.56		P	12.4
8	☐			552.24		P	4.7

164 Er [No Gas] No available calibration points

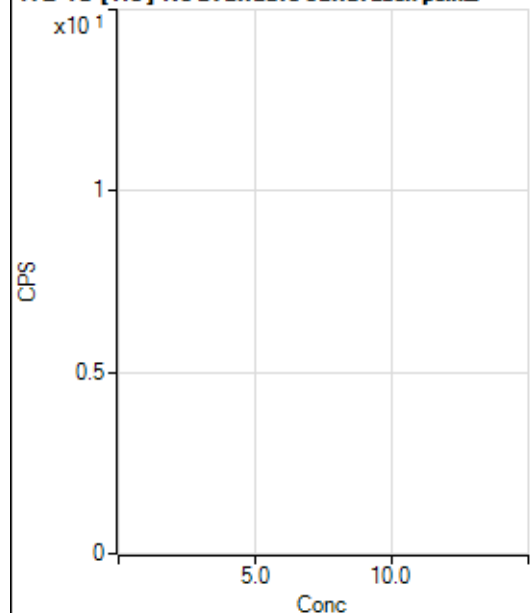
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.34		P	43.3
2	☐			55.56		P	60.6
3	☐			50.00		P	33.3
4	☐			47.22		P	36.7
5	☐			36.11		P	26.7
6	☐			41.67		P	20.0
7	☐			72.22		P	17.6
8	☐			86.12		P	5.6

164 Er [He] No available calibration points

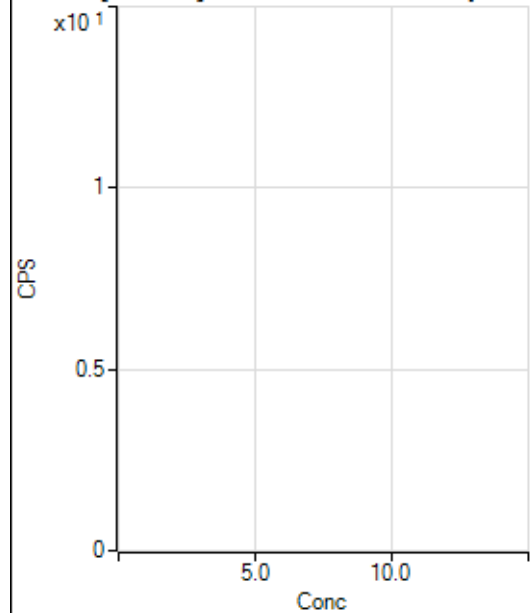
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12.22		P	56.8
2	☐			8.89		P	108.
3	☐			11.11		P	62.5
4	☐			13.33		P	25.0
5	☐			13.33		P	25.0
6	☐			15.56		P	12.4
7	☐			17.78		P	65.8
8	☐			36.67		P	32.8

172 Yb [No Gas] No available calibration points

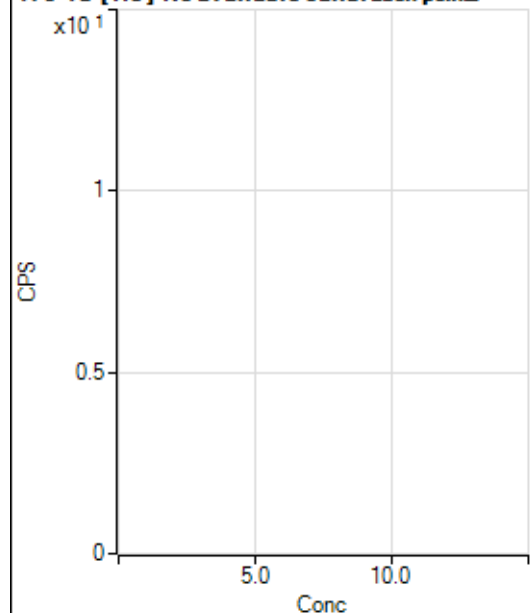
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			63.89		P	32.8
2	☐			36.11		P	74.2
3	☐			61.12		P	34.3
4	☐			52.78		P	50.8
5	☐			83.34		P	36.1
6	☐			75.00		P	29.4
7	☐			119.45		P	14.5
8	☐			333.35		P	22.2

172 Yb [He] No available calibration points

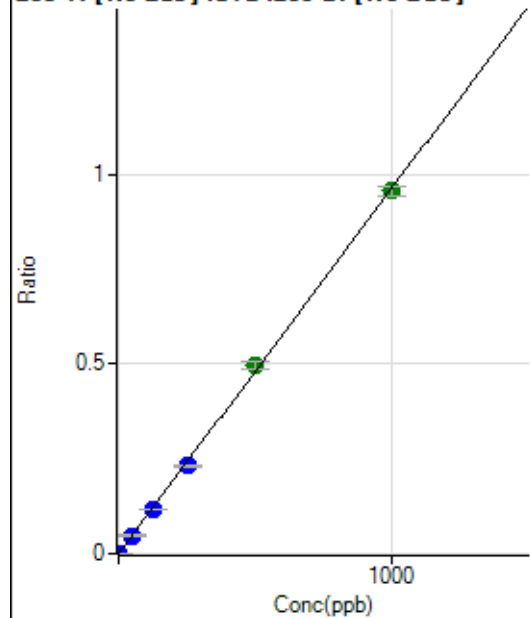
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	33.3
2	☐			16.67		P	33.3
3	☐			14.82		P	21.7
4	☐			22.22		P	50.0
5	☐			29.63		P	21.7
6	☐			20.37		P	87.7
7	☐			68.52		P	32.8
8	☐			177.78		P	3.1

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1066.74		P	6.2
2	☐			1055.62		P	10.2
3	☐			2075.23		P	1.8
4	☐			3364.41		P	1.7
5	☐			5509.68		P	3.1
6	☐			10301.50		P	1.3
7	☐			19871.13		P	2.8
8	☐			1416.78		P	3.1

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6749.99		P	3.4
2	☐			6599.93		P	3.2
3	☐			7176.19		P	4.7
4	☐			7548.56		P	2.7
5	☐			8725.27		P	1.8
6	☐			10667.44		P	2.6
7	☐			14652.82		P	0.2
8	☐			7550.45		P	3.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	75.00	0.0000	P	10.9
2	☐	1.000	0.907	3972.93	0.0009	P	2.8
3	☐	50.000	48.761	213661.04	0.0470	P	6.1
4	☐	125.000	120.832	529458.66	0.1164	P	3.1
5	☐	250.000	242.150	1064338.88	0.2332	P	2.0
6	☐	500.000	516.564	2254711.94	0.4974	A	4.0
7	☐	1000.000	994.263	4431369.98	0.9574	A	2.7
8	☐			1091.74	0.0003	P	3.6

$$y = 9.6287E-004 * x + 1.7048E-005$$

$$R = 0.9998$$

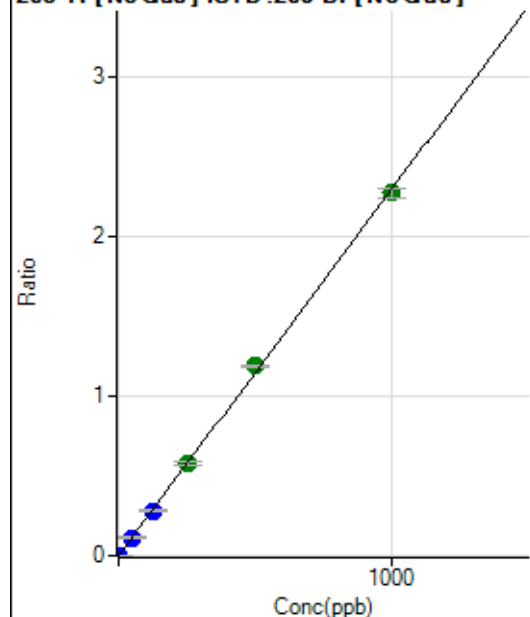
$$DL = 0.005767$$

$$BEC = 0.0177$$

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	183.34	0.0000	P	4.0
2	☐	1.000	0.903	9409.27	0.0021	P	7.3
3	☐	50.000	49.318	514320.01	0.1130	P	4.4
4	☐	125.000	122.664	1278822.89	0.2810	P	2.5
5	☐	250.000	252.522	2639807.83	0.5785	A	3.8
6	☐	500.000	517.528	5376095.52	1.1855	A	1.6
7	☐	1000.000	990.932	10505651.62	2.2699	A	2.7
8	☐			2503.09	0.0006	P	7.2

$$y = 0.0023 * x + 4.1671E-005$$

$$R = 0.9998$$

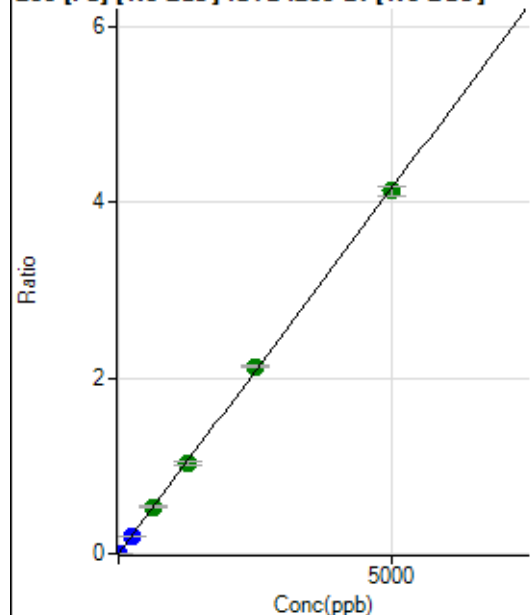
$$DL = 0.002192$$

$$BEC = 0.01819$$

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	535.21	0.0001	P	18.7
2	☐	1.000	0.833	3630.21	0.0008	P	10.2
3	☐	250.000	241.625	915307.99	0.2010	P	2.9
4	☐	625.000	637.555	2411499.85	0.5302	A	5.1
5	☐	1250.000	1244.140	4721705.02	1.0346	A	3.6
6	☐	2500.000	2566.161	9677568.62	2.1338	A	0.3
7	☐	5000.000	4967.234	19116328.43	4.1301	A	2.7
8	☐			4713.91	0.0012	P	2.8

$$y = 8.3145E-004 * x + 1.2177E-004$$

$$R = 0.9999$$

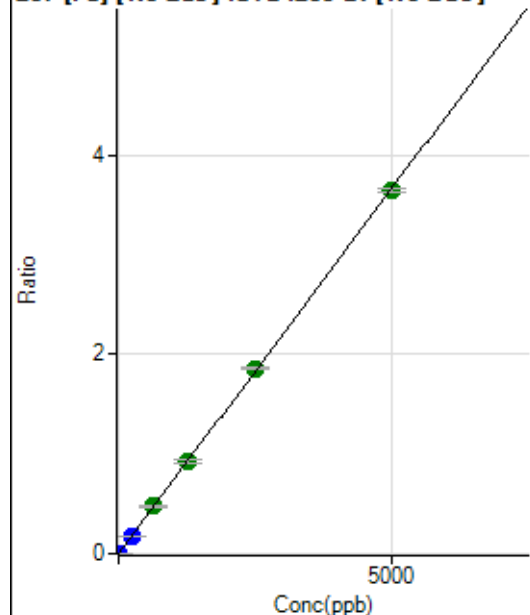
$$DL = 0.08196$$

$$BEC = 0.1465$$

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	455.57	0.0001	P	7.7
2	☐	1.000	0.901	3404.22	0.0008	P	2.6
3	☐	250.000	241.351	804171.05	0.1767	P	3.7
4	☐	625.000	650.151	2163595.77	0.4757	A	5.0
5	☐	1250.000	1267.887	4232731.78	0.9276	A	4.8
6	☐	2500.000	2541.409	8430116.62	1.8592	A	1.7
7	☐	5000.000	4972.112	16839380.12	3.6374	A	1.0
8	☐			3883.98	0.0010	P	9.7

$$y = 7.3154\text{E-}004 * x + 1.0352\text{E-}004$$

$$R = 0.9999$$

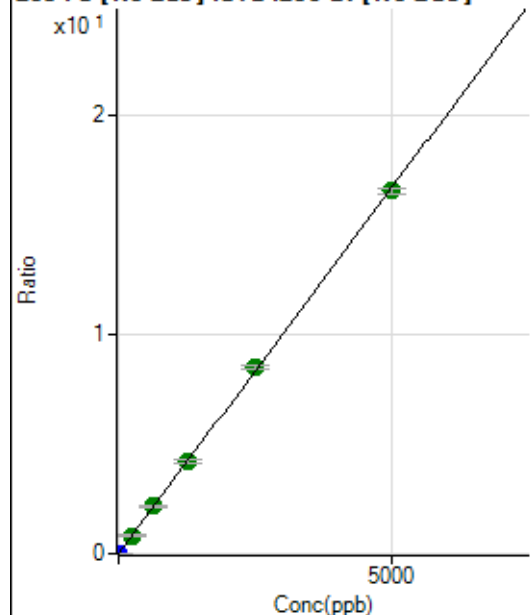
$$DL = 0.03261$$

$$BEC = 0.1415$$

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	2153.82	0.0005	P	8.1
2	☐	1.000	0.874	15170.49	0.0034	P	4.5
3	☐	250.000	248.849	3776115.04	0.8294	A	3.2
4	☐	625.000	645.664	9785286.13	2.1513	A	4.4
5	☐	1250.000	1271.014	19323010.53	4.2344	A	4.0
6	☐	2500.000	2559.973	38664454.45	8.5280	A	2.1
7	☐	5000.000	4962.234	76517347.88	16.5302	A	1.9
8	☐			18084.89	0.0045	P	5.4

$$y = 0.0033 * x + 4.8972\text{E-}004$$

$$R = 0.9999$$

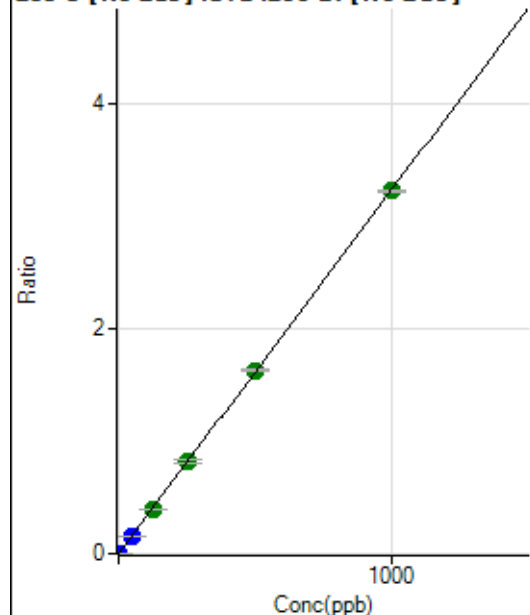
$$DL = 0.03585$$

$$BEC = 0.147$$

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	13.89	0.0000	P	91.9
2	☐	1.000	0.869	12523.18	0.0028	P	1.9
3	☐	50.000	46.836	687355.76	0.1511	P	6.1
4	☐	125.000	121.415	1783174.45	0.3917	A	0.8
5	☐	250.000	252.349	3715076.95	0.8141	A	4.2
6	☐	500.000	504.789	7385331.76	1.6285	A	0.9
7	☐	1000.000	997.625	14900789.92	3.2183	A	0.4
8	☐			1158.42	0.0003	P	13.7

$$y = 0.0032 * x + 3.1725E-006$$

$$R = 1.0000$$

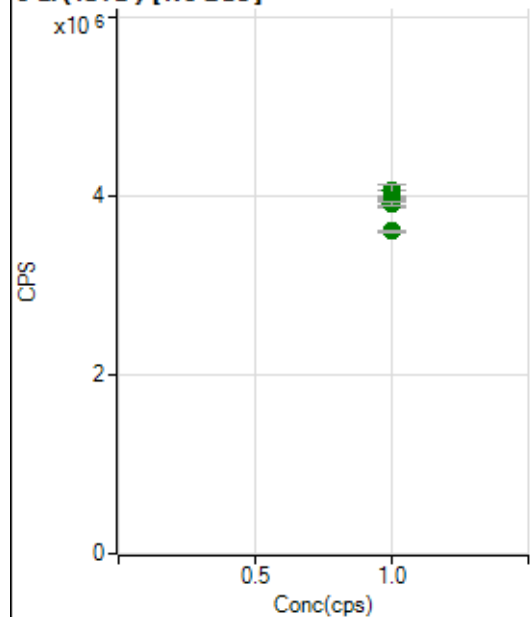
$$DL = 0.002712$$

$$BEC = 0.0009834$$

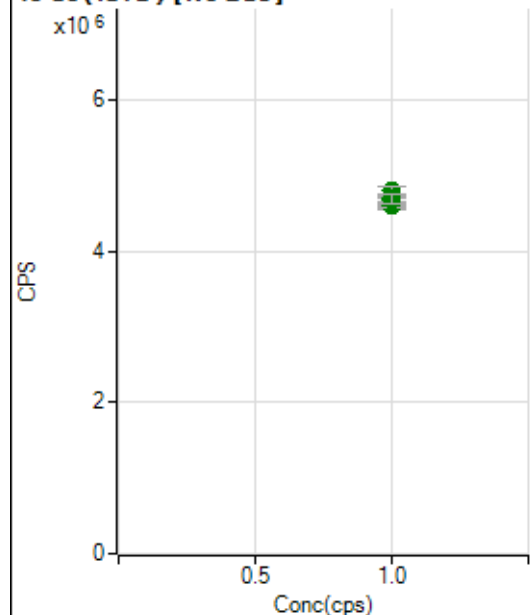
Weight: <None>

Min Conc: 0

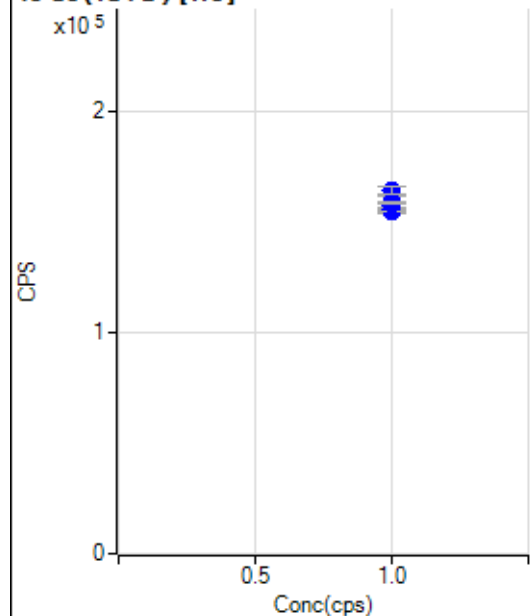
6 Li (ISTD) [No Gas]



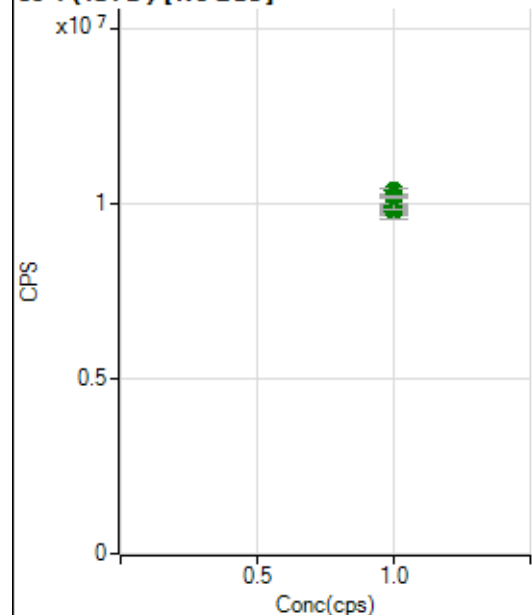
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3911703.83		A	2.6
2	☐	1.000		3990768.66		A	3.1
3	☐	1.000		4053939.75		A	3.1
4	☐	1.000		3934427.97		A	1.9
5	☐	1.000		3917539.61		A	1.1
6	☐	1.000		3943894.54		A	0.9
7	☐	1.000		3913289.83		A	1.1
8	☐	1.000		3600720.85		A	1.1

45 Sc (ISTD) [No Gas]

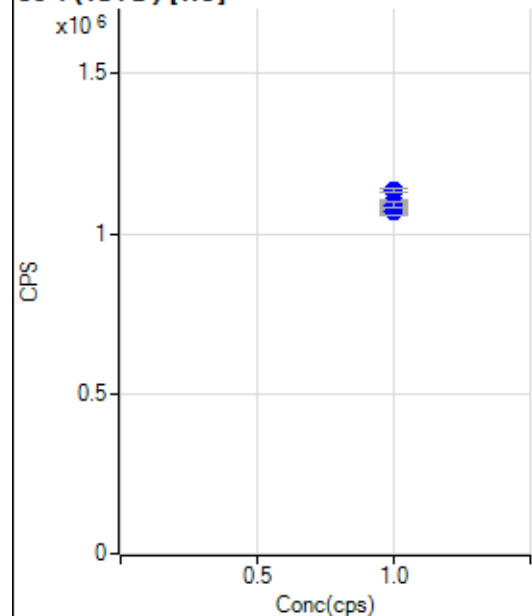
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4625733.09		A	3.1
2	☐	1.000		4653330.03		A	0.1
3	☐	1.000		4668174.03		A	2.7
4	☐	1.000		4689502.12		A	2.0
5	☐	1.000		4611581.43		A	1.9
6	☐	1.000		4679752.71		A	1.1
7	☐	1.000		4795487.57		A	2.0
8	☐	1.000		4694620.14		A	2.9

45 Sc (ISTD) [He]

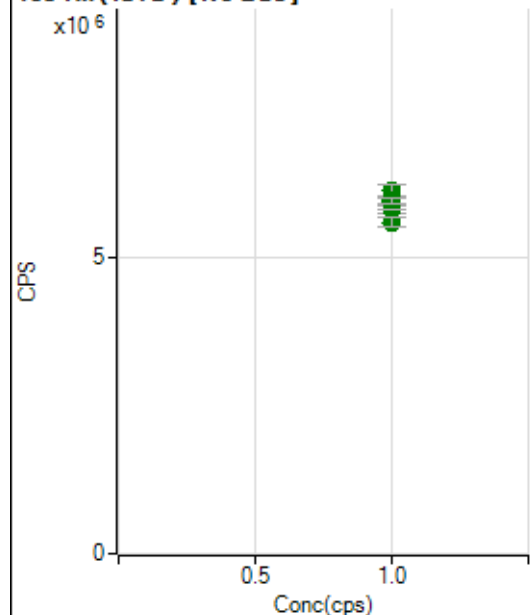
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		156290.25		P	0.5
2	☐	1.000		156862.52		P	1.2
3	☐	1.000		161792.91		P	0.1
4	☐	1.000		157175.53		P	0.9
5	☐	1.000		154446.54		P	0.9
6	☐	1.000		155111.20		P	1.0
7	☐	1.000		158078.45		P	0.6
8	☐	1.000		163762.50		P	2.2

89 Y (ISTD) [No Gas]

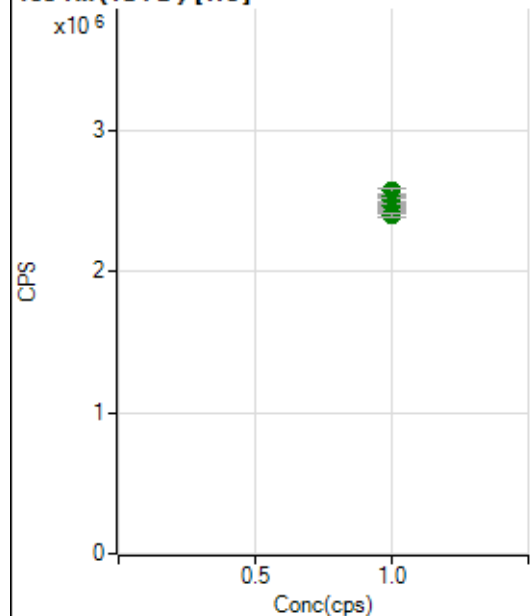
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9770804.93		A	0.8
2	☐	1.000		9767093.47		A	1.7
3	☐	1.000		9872157.01		A	2.3
4	☐	1.000		9771852.01		A	3.9
5	☐	1.000		9974462.91		A	1.3
6	☐	1.000		9923679.92		A	1.8
7	☐	1.000		10378428.87		A	1.5
8	☐	1.000		10205625.61		A	0.9

89 Y (ISTD) [He]

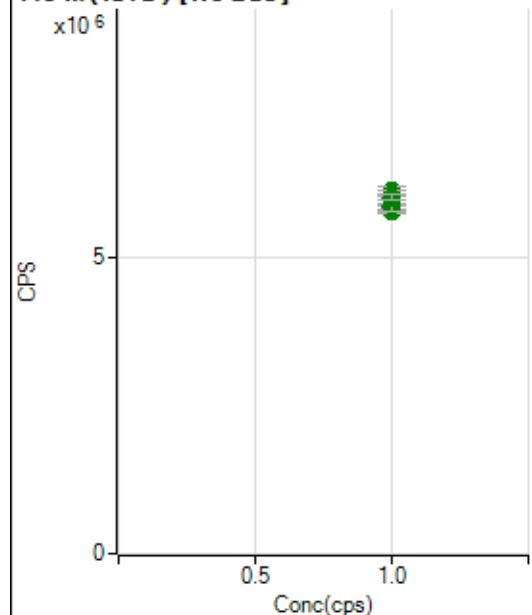
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1079215.73		P	0.4
2	☐	1.000		1080002.43		P	1.6
3	☐	1.000		1101050.31		P	1.0
4	☐	1.000		1073497.19		P	1.2
5	☐	1.000		1070687.06		P	1.2
6	☐	1.000		1067819.32		P	1.8
7	☐	1.000		1090092.01		P	1.5
8	☐	1.000		1133982.61		P	1.2

103 Rh (ISTD) [No Gas]

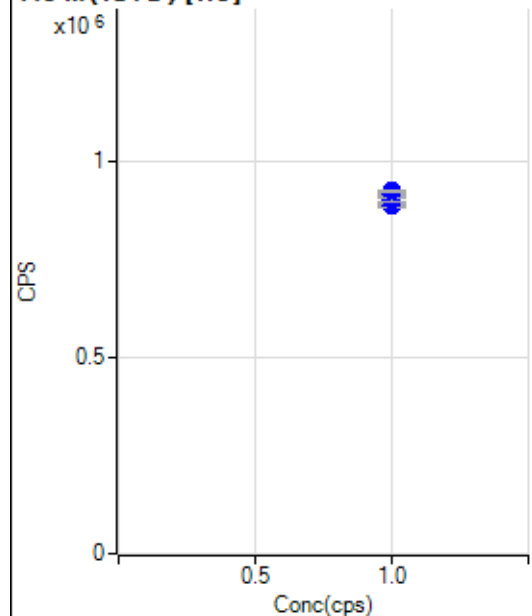
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5843992.19		A	1.8
2	☐	1.000		5913048.57		A	2.4
3	☐	1.000		6107055.47		A	3.2
4	☐	1.000		5882183.25		A	4.7
5	☐	1.000		5881806.64		A	0.8
6	☐	1.000		5796650.21		A	0.1
7	☐	1.000		5942019.84		A	1.9
8	☐	1.000		5578247.56		A	3.1

103 Rh (ISTD) [He]

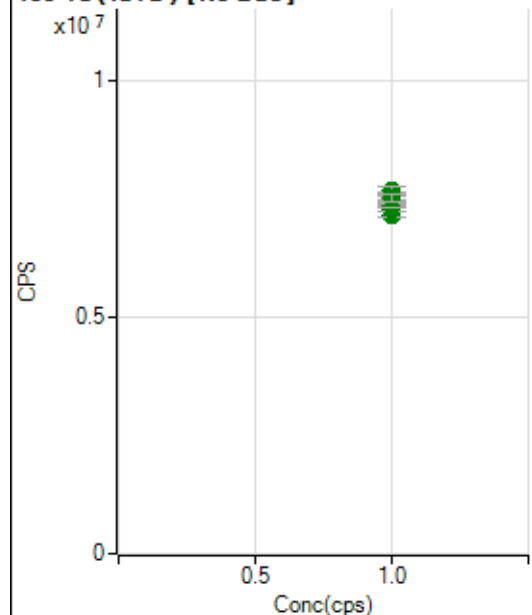
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2524085.33		A	0.7
2	☐	1.000		2477282.83		A	0.5
3	☐	1.000		2532661.72		A	4.4
4	☐	1.000		2570992.86		A	1.6
5	☐	1.000		2506945.85		A	0.7
6	☐	1.000		2466858.07		A	0.8
7	☐	1.000		2431942.10		A	0.7
8	☐	1.000		2397032.48		A	1.2

115 In (ISTD) [No Gas]

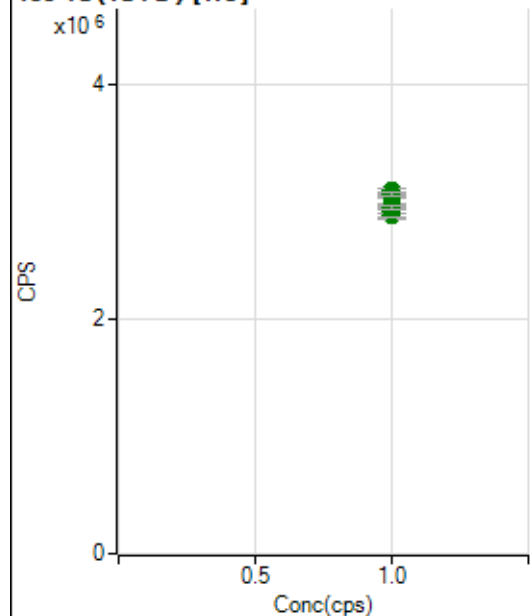
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5854327.46		A	1.1
2	☐	1.000		5800260.02		A	1.1
3	☐	1.000		6137837.11		A	2.0
4	☐	1.000		5915798.25		A	5.1
5	☐	1.000		5989347.26		A	2.2
6	☐	1.000		5893597.39		A	3.2
7	☐	1.000		6096726.70		A	1.3
8	☐	1.000		6034727.49		A	1.1

115 In (ISTD) [He]

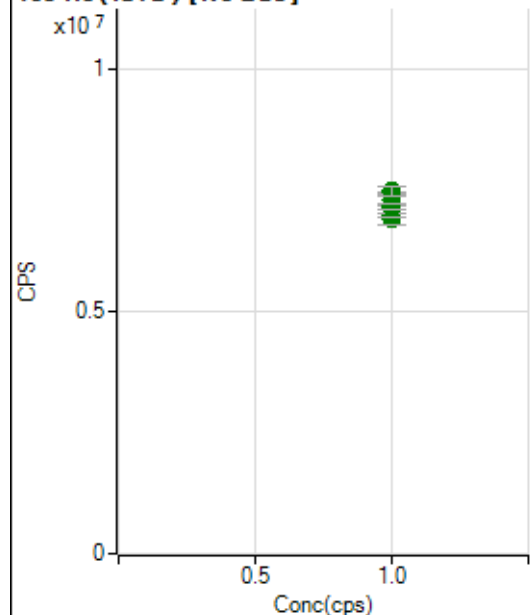
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		911224.64		P	0.3
2	☐	1.000		912386.52		P	0.7
3	☐	1.000		924247.62		P	1.1
4	☐	1.000		920601.42		P	1.7
5	☐	1.000		895243.93		P	1.1
6	☐	1.000		890300.51		P	1.2
7	☐	1.000		904278.11		P	0.7
8	☐	1.000		927033.47		P	0.6

159 Tb (ISTD) [No Gas]

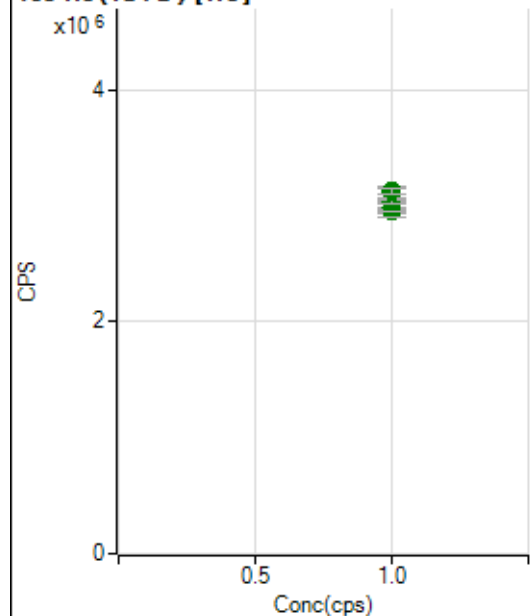
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7170212.05		A	1.8
2	☐	1.000		7302349.34		A	1.3
3	☐	1.000		7434649.82		A	1.1
4	☐	1.000		7381757.39		A	2.0
5	☐	1.000		7506605.38		A	2.7
6	☐	1.000		7620320.30		A	0.4
7	☐	1.000		7675328.15		A	2.3
8	☐	1.000		7541564.96		A	2.2

159 Tb (ISTD) [He]

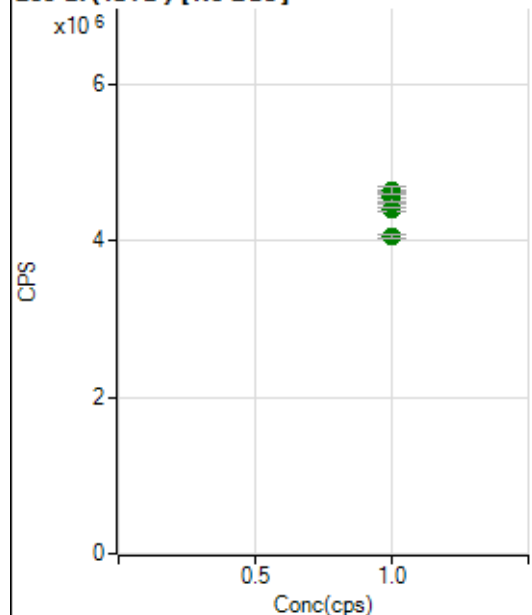
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2883418.91		A	1.5
2	☐	1.000		2920074.23		A	3.4
3	☐	1.000		3097693.56		A	1.2
4	☐	1.000		2965580.02		A	0.2
5	☐	1.000		2967599.51		A	1.0
6	☐	1.000		2958213.71		A	1.0
7	☐	1.000		3057011.41		A	1.4
8	☐	1.000		3074846.34		A	1.3

165 Ho (ISTD) [No Gas]

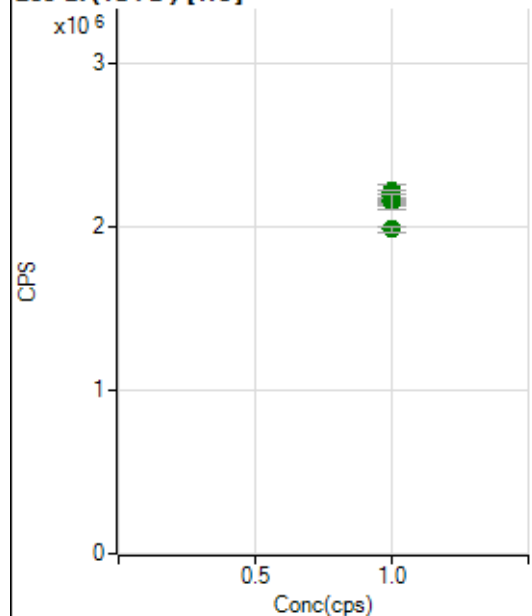
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6899921.38		A	3.1
2	☐	1.000		6961950.50		A	0.9
3	☐	1.000		7130064.66		A	1.4
4	☐	1.000		7153820.04		A	2.1
5	☐	1.000		7296406.41		A	2.3
6	☐	1.000		7426433.41		A	0.7
7	☐	1.000		7475264.49		A	2.8
8	☐	1.000		7463802.86		A	2.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2947348.32		A	0.9
2	☐	1.000		2978066.66		A	0.7
3	☐	1.000		3011346.27		A	1.9
4	☐	1.000		2943690.96		A	2.5
5	☐	1.000		2985350.58		A	2.2
6	☐	1.000		3033253.67		A	1.2
7	☐	1.000		3116277.31		A	3.2
8	☐	1.000		3126892.39		A	1.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4399094.41		A	0.8
2	☐	1.000		4462770.70		A	1.5
3	☐	1.000		4556415.53		A	3.9
4	☐	1.000		4553177.57		A	3.4
5	☐	1.000		4565373.44		A	1.6
6	☐	1.000		4535255.21		A	2.3
7	☐	1.000		4630072.61		A	2.1
8	☐	1.000		4042535.56		A	1.3

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2162875.58		A	2.7
2	☐	1.000		2179737.80		A	1.3
3	☐	1.000		2216458.73		A	3.9
4	☐	1.000		2205844.83		A	1.3
5	☐	1.000		2144980.84		A	1.9
6	☐	1.000		2160337.19		A	1.0
7	☐	1.000		2151964.45		A	4.1
8	☐	1.000		1980437.75		A	2.0

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP8121522 MS.b

Acq. Date-Time 2022-12-15 08:42:57

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		14961	149612.32			2.321	5.000
24		356614	3566136.29			0.930	5.000
25		48137	481366.42			2.093	5.000
26		54759	547585.75			2.810	5.000
59		65745	657445.72			2.518	5.000
113		6740	67399.04			2.202	5.000
115		84777	847774.49			2.081	5.000
206		18404	184036.15			1.601	5.000
207		16582	165816.75			2.309	5.000
208		39360	393604.94			2.406	5.000
220		1	5.40			50.884	

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

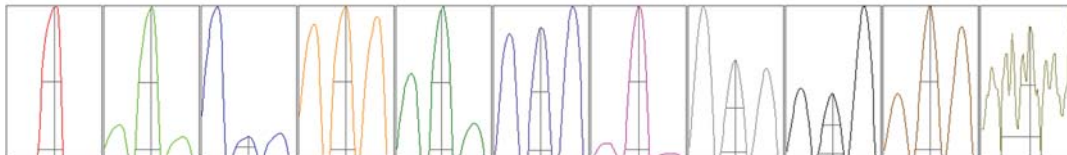
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	15335	15339	14720	14785	14628
24	358944	360809	352429	356027	354859
25	49117	49280	47407	47062	47818
26	56655	56107	53128	53735	54168
59	67211	67507	65873	64227	63905
113	6936	6862	6635	6607	6661
115	86318	86465	85271	82756	83077
206	18664	18699	18373	17978	18303
207	16851	16966	16219	16126	16746
208	40673	39611	38653	38248	39617

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	25982.82	9.05	8.90 - 9.10	
24	633183.66	24.00	23.90 - 24.10	
25	85904.20	25.00	24.90 - 25.10	
26	97587.66	26.00	25.90 - 26.10	
59	121063.98	58.95	58.90 - 59.10	
113	13120.53	113.00	112.90 - 113.10	
115	163119.35	115.05	114.90 - 115.10	
206	34642.86	206.00	205.90 - 206.10	
207	31415.18	207.00	206.90 - 207.10	
208	75156.09	208.00	207.90 - 208.10	
220	0.95	220.10	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.61	0.775	0.900	
24	0.60	0.782	0.900	
25	0.59	0.783	0.900	
26	0.60	0.778	0.900	
59	0.57	0.737	0.900	
113	0.54	0.731	0.900	
115	0.54	0.763	0.900	
206	0.55	0.814	0.900	
207	0.55	0.813	0.900	
208	0.54	0.815	0.900	
220	0.45	1.217		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

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

US EPA Tune Check Report

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	10.7 V	Deflect	16.2 V
Extract 2	-185.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-90 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	123	Axis Gain	0.9993	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	-0.02		

Hardware Settings

Torch

Torch H	1.1 mm	Torch V	-0.9 mm
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EM

Discriminator	4.5 mV	Analog HV	2296 V	Pulse HV	1606 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		13679	136792.33			0.453	
89		25821	258214.18			1.063	
205		13305	133045.89			1.692	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	13708	13719	13691	13708	13570
89	25619	26217	25909	25849	25512
205	13449	13623	13158	13080	13213

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	10.7 V	Deflect	4.2 V
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US EPA Tune Check Report

Extract 2	-185.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-90 V	Cell Exit	-70 V		

Cell Parameters

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

QP Parameters

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

Hardware Settings

Torch

Torch H	1.1 mm	Torch V	-0.9 mm
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EM

Discriminator	4.5 mV	Analog HV	2296 V	Pulse HV	1606 V
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LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 09:56:23	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.01	0.11	-0.12	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	-0.01	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	0.00	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	-0.02	0.06	-0.04	0.00	N/A	ppb
Boron	11-1	0.00	0.01	-0.01	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	0.01	-0.01	0.00	N/A	ppb
Cadmium	106-1	1.32	-1.26	-0.07	0.00	N/A	ppb
Cadmium	108-1	0.04	-0.04	0.00	0.00	N/A	ppb
Calcium	43-1	-0.60	0.00	0.60	0.00	N/A	ppb
Calcium	44-1	-0.78	-0.85	1.63	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	0.02	-0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	N/A	ppb
Copper	63-2	-0.04	0.01	0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	0.05	-0.69	0.65	0.00	N/A	ppb
Iron	56-2	0.13	-0.02	-0.11	0.00	N/A	ppb
Iron	57-2	1.64	-0.71	-0.93	0.00	N/A	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 09:56:23	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	-0.01	-0.02	0.00	N/A	ppb
Lead	207-1	-0.01	0.01	0.01	0.00	N/A	ppb
Lead	208-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.14	0.11	0.04	0.00	N/A	ppb
Manganese	55-2	0.02	-0.01	-0.01	0.00	N/A	ppb
Molybdenum	94-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.00	-0.04	0.00	N/A	ppb
Phosphorus	31-2	-34.29	-30.35	53.00	-3.88		ppb
Potassium	39-2	4.58	-4.44	-0.14	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.09	0.00	-0.09	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.52	-1.41	0.89	0.00	N/A	ppb
Silicon	28-1	-1.96	-4.01	5.96	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.02	2.40	-2.42	0.00	N/A	ppb
Strontium	86-1	-0.04	0.04	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-329.14	-314.92	576.38	-22.56		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	-0.01	0.00	0.00	N/A	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 09:56:23	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.07	-0.01	-0.06	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.03	0.00	-0.03	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.01	-0.01	0.00	0.00	N/A	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 09:59:33	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.16	20.56	20.55	20.42	1.12	ppb
Antimony	121-1	1.92	1.94	1.95	1.94	0.98	ppb
Arsenic	75-2	1.12	0.98	1.00	1.03	7.17	ppb
Barium	135-1	9.18	9.33	8.89	9.14	2.44	ppb
Barium	137-1	9.46	9.34	9.29	9.36	0.92	ppb
Beryllium	9-1	1.10	1.11	1.00	1.07	5.81	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	22.68	22.85	21.88	22.47	2.28	ppb
Boron	11-1	24.36	24.45	24.24	24.35	0.42	ppb
Bromine	81-1						cps
Cadmium	111-1	0.98	1.00	1.04	1.01	3.25	ppb
Cadmium	106-1	0.90	0.00	0.40	0.43	104.82	ppb
Cadmium	108-1	0.90	1.26	1.27	1.14	18.25	ppb
Calcium	43-1	458.10	452.50	455.83	455.48	0.62	ppb
Calcium	44-1	476.89	472.78	463.44	471.04	1.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.84	1.73	1.72	1.76	4.01	ppb
Cobalt	59-2	1.00	0.94	0.93	0.95	4.00	ppb
Copper	63-2	2.14	1.94	1.89	1.99	6.63	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				99		%
Indium	115-2				100		%
Iron	54-2	53.26	47.62	46.46	49.11	7.41	ppb
Iron	56-2	49.95	46.06	47.37	47.80	4.14	ppb
Iron	57-2	49.27	40.85	44.11	44.74	9.49	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 09:59:33	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.86	0.92	0.72	0.83	11.97	ppb
Lead	207-1	0.88	0.89	0.93	0.90	3.03	ppb
Lead	208-1	0.90	0.90	0.82	0.87	5.20	ppb
Lithium	6-1				102		%
Magnesium	24-2	514.15	492.74	503.15	503.35	2.13	ppb
Manganese	55-2	1.04	0.95	0.86	0.95	9.76	ppb
Molybdenum	94-1	5.89	5.87	5.88	5.88	0.17	ppb
Molybdenum	95-1	5.26	5.14	4.86	5.09	3.98	ppb
Molybdenum	96-1	5.18	4.90	5.20	5.09	3.26	ppb
Molybdenum	97-1	5.30	4.76	4.79	4.95	6.13	ppb
Molybdenum	98-1	4.87	4.97	4.84	4.89	1.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	1.09	0.95	1.00	7.41	ppb
Phosphorus	31-2	-18.51	-16.43	46.58	3.88	953.47	ppb
Potassium	39-2	457.62	430.52	432.81	440.32	3.41	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	4.90	5.56	4.93	5.13	7.23	ppb
Selenium	77-2	5.37	4.61	7.19	5.72	23.15	ppb
Selenium	78-2	5.01	4.38	5.46	4.95	10.90	ppb
Silicon	28-1	10.72	5.59	11.10	9.14	33.67	ppb
Silver	107-1	1.00	0.95	1.00	0.98	2.96	ppb
Silver	109-1	1.04	1.06	0.98	1.03	4.18	ppb
Sodium	23-2	501.70	459.47	477.53	479.57	4.42	ppb
Strontium	86-1	1.10	0.96	0.95	1.00	8.60	ppb
Strontium	88-1	1.03	1.03	0.88	0.98	8.45	ppb
Sulfur	34-1	45.46	75.30	-53.08	22.56	297.83	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.94	0.89	0.90	0.91	2.82	ppb
Thallium	205-1	0.96	0.92	0.83	0.90	7.46	ppb
Tin	118-1	4.76	4.88	5.05	4.89	2.97	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 09:59:33	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.07	4.55	5.13	4.92	6.52	ppb
Uranium	238-1	0.88	0.87	0.85	0.87	1.93	ppb
Vanadium	51-2	4.79	4.39	4.62	4.60	4.38	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	2.18	2.35	2.15	2.23	4.96	ppb
Zirconium	90-1	0.94	1.00	0.98	0.97	3.15	ppb
Zirconium	91-1	0.98	0.98	0.97	0.97	0.48	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 10:02:46	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1045.77	1030.33	1003.72	1026.61	2.07	ppb
Antimony	121-1	52.09	52.90	50.81	51.93	2.04	ppb
Arsenic	75-2	51.89	50.83	49.05	50.59	2.84	ppb
Barium	135-1	250.47	253.74	252.23	252.15	0.65	ppb
Barium	137-1	254.78	261.25	248.02	254.68	2.60	ppb
Beryllium	9-1	56.95	52.10	53.61	54.22	4.58	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	49.98	49.03	50.86	49.96	1.83	ppb
Boron	11-1	52.74	52.24	56.07	53.69	3.88	ppb
Bromine	81-1						cps
Cadmium	111-1	54.30	55.62	54.32	54.74	1.39	ppb
Cadmium	106-1	52.92	53.35	52.58	52.95	0.73	ppb
Cadmium	108-1	54.93	53.44	55.33	54.57	1.83	ppb
Calcium	43-1	5778.80	5464.06	5392.47	5545.11	3.71	ppb
Calcium	44-1	5623.29	5276.09	5187.74	5362.37	4.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.22	49.42	49.48	49.70	0.90	ppb
Cobalt	59-2	49.86	50.81	49.12	49.93	1.69	ppb
Copper	63-2	511.51	507.43	496.17	505.03	1.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	54-2	2560.29	2582.49	2494.89	2545.89	1.79	ppb
Iron	56-2	2721.41	2637.04	2635.11	2664.52	1.85	ppb
Iron	57-2	2565.57	2507.78	2514.42	2529.26	1.25	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 10:02:46	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	247.75	234.01	243.11	241.62	2.89	ppb
Lead	207-1	250.67	232.59	240.80	241.35	3.75	ppb
Lead	208-1	257.14	241.04	248.37	248.85	3.24	ppb
Lithium	6-1				104		%
Magnesium	24-2	5504.66	5457.04	5243.08	5401.60	2.58	ppb
Manganese	55-2	504.21	489.09	486.14	493.15	1.97	ppb
Molybdenum	94-1	522.92	519.63	500.47	514.34	2.36	ppb
Molybdenum	95-1	523.15	531.82	496.57	517.18	3.55	ppb
Molybdenum	96-1	525.04	538.03	497.71	520.26	3.96	ppb
Molybdenum	97-1	533.52	544.45	505.07	527.68	3.85	ppb
Molybdenum	98-1	543.27	528.86	507.94	526.69	3.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.64	53.15	50.49	52.09	2.71	ppb
Phosphorus	31-2	992.64	895.92	958.41	948.99	5.17	ppb
Potassium	39-2	2503.93	2406.32	2362.75	2424.33	2.98	ppb
Rhodium	103-1				105		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	82-1	55.90	55.69	51.71	54.43	4.33	ppb
Selenium	77-2	52.92	48.34	54.07	51.78	5.85	ppb
Selenium	78-2	52.32	49.71	51.80	51.28	2.69	ppb
Silicon	28-1	57.22	44.20	47.66	49.69	13.57	ppb
Silver	107-1	52.70	52.51	51.53	52.25	1.20	ppb
Silver	109-1	54.77	55.55	53.13	54.48	2.26	ppb
Sodium	23-2	5307.35	5241.26	5162.29	5236.96	1.39	ppb
Strontium	86-1	1355.75	1314.05	1290.16	1319.99	2.51	ppb
Strontium	88-1	1330.59	1292.83	1273.89	1299.10	2.22	ppb
Sulfur	34-1	1704.64	1163.76	1026.27	1298.22	27.62	ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	52.08	46.25	47.96	48.76	6.14	ppb
Thallium	205-1	51.73	47.52	48.71	49.32	4.41	ppb
Tin	118-1	51.51	54.29	51.88	52.56	2.87	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 10:02:46	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	548.40	528.26	514.04	530.23	3.26	ppb
Uranium	238-1	49.95	44.33	46.23	46.84	6.10	ppb
Vanadium	51-2	50.96	50.41	49.37	50.25	1.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	514.76	508.10	502.57	508.48	1.20	ppb
Zirconium	90-1	53.41	52.33	49.85	51.87	3.52	ppb
Zirconium	91-1	51.94	51.58	48.95	50.82	3.21	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 10:05:52	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2649.74	2651.31	2544.96	2615.34	2.33	ppb
Antimony	121-1	132.76	130.31	125.81	129.63	2.72	ppb
Arsenic	75-2	132.81	127.10	132.48	130.80	2.45	ppb
Barium	135-1	644.78	634.14	623.95	634.29	1.64	ppb
Barium	137-1	664.18	638.93	638.17	647.09	2.29	ppb
Beryllium	9-1	139.75	138.46	133.59	137.27	2.37	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	125.04	131.67	133.09	129.93	3.31	ppb
Boron	11-1	136.41	139.35	142.80	139.52	2.29	ppb
Bromine	81-1						cps
Cadmium	111-1	139.07	136.62	133.77	136.48	1.94	ppb
Cadmium	106-1	131.73	135.12	135.48	134.11	1.54	ppb
Cadmium	108-1	133.04	138.19	133.68	134.97	2.08	ppb
Calcium	43-1	13865.61	13795.03	13196.35	13619.00	2.70	ppb
Calcium	44-1	13033.71	13326.60	12610.96	12990.42	2.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	129.02	126.87	122.60	126.16	2.59	ppb
Cobalt	59-2	128.21	128.36	124.11	126.90	1.90	ppb
Copper	63-2	1337.06	1340.41	1321.09	1332.85	0.77	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				100		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	54-2	6563.98	6588.28	6352.34	6501.54	2.00	ppb
Iron	56-2	6898.28	6850.53	6592.43	6780.41	2.43	ppb
Iron	57-2	6543.67	6442.30	6177.85	6387.94	2.96	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 10:05:52	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	672.32	632.39	607.95	637.55	5.10	ppb
Lead	207-1	684.05	647.83	618.58	650.15	5.04	ppb
Lead	208-1	672.87	648.40	615.72	645.66	4.44	ppb
Lithium	6-1				101		%
Magnesium	24-2	13844.34	14122.18	13516.71	13827.74	2.19	ppb
Manganese	55-2	1274.88	1261.01	1232.40	1256.10	1.72	ppb
Molybdenum	94-1	1378.80	1303.84	1267.45	1316.69	4.31	ppb
Molybdenum	95-1	1385.16	1330.94	1303.77	1339.96	3.09	ppb
Molybdenum	96-1	1390.32	1363.20	1316.97	1356.83	2.73	ppb
Molybdenum	97-1	1368.75	1331.58	1280.91	1327.08	3.32	ppb
Molybdenum	98-1	1320.47	1304.75	1280.33	1301.85	1.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	135.39	135.41	130.38	133.73	2.17	ppb
Phosphorus	31-2	2561.78	2679.55	2722.23	2654.52	3.13	ppb
Potassium	39-2	6157.70	6316.30	6099.85	6191.28	1.81	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	141.88	139.01	133.91	138.27	2.92	ppb
Selenium	77-2	128.48	111.12	136.52	125.37	10.36	ppb
Selenium	78-2	139.28	135.10	132.23	135.54	2.62	ppb
Silicon	28-1	127.64	131.08	122.90	127.21	3.23	ppb
Silver	107-1	131.67	132.61	127.17	130.48	2.23	ppb
Silver	109-1	135.58	136.87	134.80	135.75	0.77	ppb
Sodium	23-2	13005.96	13339.64	12689.10	13011.57	2.50	ppb
Strontium	86-1	3435.47	3432.79	3207.56	3358.61	3.90	ppb
Strontium	88-1	3390.51	3301.62	3234.13	3308.75	2.37	ppb
Sulfur	34-1	3566.47	3498.27	2844.65	3303.13	12.06	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	123.52	122.39	116.59	120.83	3.08	ppb
Thallium	205-1	125.93	122.14	119.92	122.66	2.48	ppb
Tin	118-1	133.52	130.95	129.24	131.24	1.65	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 10:05:52	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1308.34	1355.37	1272.28	1312.00	3.18	ppb
Uranium	238-1	121.59	122.31	120.34	121.41	0.82	ppb
Vanadium	51-2	126.64	129.19	124.34	126.72	1.91	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	1307.67	1308.78	1264.18	1293.55	1.97	ppb
Zirconium	90-1	137.01	132.23	127.90	132.38	3.44	ppb
Zirconium	91-1	134.43	128.48	126.16	129.69	3.29	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 10:09:01	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5232.66	5216.82	5083.72	5177.73	1.58	ppb
Antimony	121-1	245.60	255.30	255.83	252.25	2.28	ppb
Arsenic	75-2	255.35	250.06	251.99	252.47	1.06	ppb
Barium	135-1	1203.52	1238.18	1262.45	1234.72	2.40	ppb
Barium	137-1	1308.74	1244.53	1331.89	1295.05	3.49	ppb
Beryllium	9-1	271.26	262.77	269.21	267.75	1.65	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	10-1	246.21	261.56	269.38	259.05	4.55	ppb
Boron	11-1	268.17	271.60	284.22	274.66	3.08	ppb
Bromine	81-1						cps
Cadmium	111-1	254.80	258.38	265.63	259.60	2.12	ppb
Cadmium	106-1	247.09	260.87	263.26	257.08	3.39	ppb
Cadmium	108-1	252.57	253.47	258.22	254.75	1.19	ppb
Calcium	43-1	27833.81	27062.64	26561.98	27152.81	2.36	ppb
Calcium	44-1	27032.99	26556.91	26064.07	26551.32	1.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	249.86	248.85	242.97	247.23	1.50	ppb
Cobalt	59-2	251.61	251.11	248.76	250.50	0.61	ppb
Copper	63-2	2585.81	2646.49	2538.44	2590.25	2.09	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				106		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	54-2	13086.28	13031.57	12715.70	12944.51	1.55	ppb
Iron	56-2	13810.07	13517.63	13205.98	13511.23	2.24	ppb
Iron	57-2	13101.54	12508.87	12760.90	12790.43	2.33	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 10:09:01	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1193.36	1277.37	1261.69	1244.14	3.59	ppb
Lead	207-1	1232.10	1337.81	1233.76	1267.89	4.78	ppb
Lead	208-1	1228.17	1327.83	1257.05	1271.01	4.03	ppb
Lithium	6-1				100		%
Magnesium	24-2	27411.40	27803.58	26160.79	27125.25	3.16	ppb
Manganese	55-2	2652.49	2617.10	2554.29	2607.96	1.91	ppb
Molybdenum	94-1	2618.74	2557.10	2489.99	2555.28	2.52	ppb
Molybdenum	95-1	2673.13	2532.54	2491.07	2565.58	3.72	ppb
Molybdenum	96-1	2611.81	2504.68	2501.93	2539.47	2.47	ppb
Molybdenum	97-1	2615.55	2613.48	2551.35	2593.46	1.41	ppb
Molybdenum	98-1	2601.79	2552.59	2526.11	2560.17	1.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	260.47	261.00	253.34	258.27	1.66	ppb
Phosphorus	31-2	5185.14	5103.90	4813.02	5034.02	3.89	ppb
Potassium	39-2	12383.74	12268.56	12105.83	12252.71	1.14	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	269.61	269.14	253.07	263.94	3.57	ppb
Selenium	77-2	246.05	237.37	271.55	251.66	7.06	ppb
Selenium	78-2	261.42	256.78	259.42	259.21	0.90	ppb
Silicon	28-1	271.44	261.89	256.87	263.40	2.81	ppb
Silver	107-1	248.34	252.34	262.61	254.43	2.89	ppb
Silver	109-1	257.25	264.82	266.62	262.90	1.89	ppb
Sodium	23-2	26095.63	26260.71	23889.17	25415.17	5.21	ppb
Strontium	86-1	6572.07	6348.67	6260.86	6393.87	2.51	ppb
Strontium	88-1	6503.05	6481.74	6408.09	6464.29	0.77	ppb
Sulfur	34-1	6995.06	6601.90	6049.34	6548.77	7.25	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	236.80	246.20	243.45	242.15	2.00	ppb
Thallium	205-1	245.30	263.41	248.86	252.52	3.80	ppb
Tin	118-1	244.76	255.37	257.28	252.47	2.67	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 10:09:01	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2703.31	2575.66	2576.12	2618.36	2.81	ppb
Uranium	238-1	249.29	264.01	243.74	252.35	4.15	ppb
Vanadium	51-2	254.57	254.48	246.61	251.88	1.82	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	2543.65	2542.89	2552.20	2546.25	0.20	ppb
Zirconium	90-1	259.91	258.33	251.60	256.61	1.72	ppb
Zirconium	91-1	254.30	251.34	244.10	249.91	2.10	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 10:12:07	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10379.11	10218.93	10235.01	10277.68	0.86	ppb
Antimony	121-1	510.23	495.77	511.66	505.89	1.74	ppb
Arsenic	75-2	506.73	517.51	509.86	511.36	1.08	ppb
Barium	135-1	2581.00	2499.24	2535.40	2538.55	1.61	ppb
Barium	137-1	2583.65	2482.12	2471.46	2512.41	2.46	ppb
Beryllium	9-1	508.42	519.08	504.26	510.58	1.50	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	489.65	511.23	524.88	508.59	3.49	ppb
Boron	11-1	529.34	541.10	539.57	536.67	1.19	ppb
Bromine	81-1						cps
Cadmium	111-1	512.79	506.21	506.41	508.47	0.74	ppb
Cadmium	106-1	501.31	502.28	492.69	498.76	1.06	ppb
Cadmium	108-1	515.01	506.03	501.86	507.64	1.32	ppb
Calcium	43-1	54096.22	54356.94	51846.06	53433.08	2.58	ppb
Calcium	44-1	53229.28	51644.41	50815.80	51896.50	2.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	501.71	487.67	487.16	492.18	1.68	ppb
Cobalt	59-2	504.01	499.34	491.59	498.31	1.26	ppb
Copper	63-2	5201.72	5448.80	5297.44	5315.99	2.34	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				108		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	54-2	26947.19	26725.08	25872.59	26514.95	2.14	ppb
Iron	56-2	27653.20	26200.71	26312.88	26722.26	3.02	ppb
Iron	57-2	25918.12	25339.54	25234.30	25497.32	1.44	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 10:12:07	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2560.23	2575.65	2562.60	2566.16	0.32	ppb
Lead	207-1	2533.11	2501.88	2589.23	2541.41	1.74	ppb
Lead	208-1	2577.61	2498.66	2603.65	2559.97	2.14	ppb
Lithium	6-1				101		%
Magnesium	24-2	54637.48	53438.60	52874.03	53650.04	1.68	ppb
Manganese	55-2	5287.22	5079.60	5097.11	5154.64	2.23	ppb
Molybdenum	94-1	5039.87	5181.08	4971.47	5064.14	2.11	ppb
Molybdenum	95-1	5138.59	5043.12	4799.21	4993.64	3.50	ppb
Molybdenum	96-1	5213.41	5250.65	4803.75	5089.27	4.87	ppb
Molybdenum	97-1	5120.29	5300.29	4912.97	5111.18	3.79	ppb
Molybdenum	98-1	5072.02	5217.16	4956.05	5081.74	2.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.01	521.95	512.37	514.45	1.31	ppb
Phosphorus	31-2	10073.47	10409.15	9837.47	10106.70	2.84	ppb
Potassium	39-2	25285.12	24974.28	24739.70	24999.70	1.09	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	518.09	535.28	510.71	521.36	2.42	ppb
Selenium	77-2	485.86	541.23	496.22	507.77	5.80	ppb
Selenium	78-2	500.31	511.19	508.63	506.71	1.12	ppb
Silicon	28-1	499.48	517.61	504.18	507.09	1.86	ppb
Silver	107-1	516.17	496.63	488.27	500.36	2.86	ppb
Silver	109-1	524.73	507.91	499.49	510.71	2.52	ppb
Sodium	23-2	52266.45	50601.58	50342.15	51070.06	2.04	ppb
Strontium	86-1	12786.96	12854.61	12707.44	12783.00	0.58	ppb
Strontium	88-1	12831.56	12882.29	12474.14	12729.33	1.75	ppb
Sulfur	34-1	12907.78	12663.66	11550.20	12373.88	5.85	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	508.35	501.40	539.94	516.56	3.98	ppb
Thallium	205-1	527.12	512.11	513.36	517.53	1.61	ppb
Tin	118-1	501.78	512.64	512.86	509.09	1.24	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 10:12:07	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5178.19	5113.94	4886.48	5059.54	3.03	ppb
Uranium	238-1	509.81	502.76	501.80	504.79	0.87	ppb
Vanadium	51-2	513.94	498.40	498.55	503.63	1.77	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	4960.04	5113.25	5055.14	5042.81	1.53	ppb
Zirconium	90-1	526.88	516.49	504.20	515.86	2.20	ppb
Zirconium	91-1	511.90	507.28	490.12	503.10	2.28	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 10:15:17	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20059.99	19338.09	19576.85	19658.31	1.87	ppb
Antimony	121-1	1011.59	1020.09	955.78	995.82	3.51	ppb
Arsenic	75-2	1011.91	1004.34	962.60	992.95	2.67	ppb
Barium	135-1	5038.07	5018.52	4893.25	4983.28	1.58	ppb
Barium	137-1	4882.11	5154.21	4902.30	4979.54	3.04	ppb
Beryllium	9-1	992.85	993.07	979.66	988.53	0.78	ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Boron	10-1	973.88	1004.22	1000.58	992.89	1.67	ppb
Boron	11-1	958.23	1005.55	956.76	973.51	2.85	ppb
Bromine	81-1						cps
Cadmium	111-1	989.41	1023.67	962.00	991.69	3.12	ppb
Cadmium	106-1	1000.40	1016.66	975.64	997.57	2.07	ppb
Cadmium	108-1	1000.45	1017.50	962.61	993.52	2.83	ppb
Calcium	43-1	108305.98	105959.09	109965.15	108076.74	1.86	ppb
Calcium	44-1	98234.18	100992.21	104316.55	101180.98	3.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1024.44	1000.98	987.99	1004.47	1.84	ppb
Cobalt	59-2	1048.72	975.19	977.55	1000.49	4.18	ppb
Copper	63-2	10051.23	9723.47	9651.81	9808.84	2.17	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				108		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	54-2	51727.95	51052.86	50999.78	51260.20	0.79	ppb
Iron	56-2	52889.35	52828.52	50808.43	52175.43	2.27	ppb
Iron	57-2	53232.87	49921.23	50692.73	51282.28	3.38	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 10:15:17	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4847.54	4944.20	5109.96	4967.23	2.67	ppb
Lead	207-1	4931.05	4955.06	5030.23	4972.11	1.04	ppb
Lead	208-1	4875.07	4946.38	5065.25	4962.23	1.94	ppb
Lithium	6-1				100		%
Magnesium	24-2	106266.84	101330.00	103475.15	103690.66	2.39	ppb
Manganese	55-2	10005.37	9931.95	9748.49	9895.27	1.34	ppb
Molybdenum	94-1	9785.52	9993.26	10056.39	9945.06	1.43	ppb
Molybdenum	95-1	9678.92	10098.27	10146.85	9974.68	2.58	ppb
Molybdenum	96-1	9864.61	10076.19	9852.59	9931.13	1.27	ppb
Molybdenum	97-1	9776.19	9878.58	10075.29	9910.02	1.53	ppb
Molybdenum	98-1	9601.80	10153.51	10053.51	9936.27	2.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1013.36	973.87	981.31	989.51	2.12	ppb
Phosphorus	31-2	20038.02	20221.37	19504.76	19921.38	1.87	ppb
Potassium	39-2	48807.59	48712.27	47833.62	48451.16	1.11	ppb
Rhodium	103-1				102		%
Rhodium	103-2				96		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	973.92	996.87	981.07	983.95	1.19	ppb
Selenium	77-2	1003.84	991.99	990.85	995.56	0.72	ppb
Selenium	78-2	995.23	999.02	984.64	992.96	0.75	ppb
Silicon	28-1	964.39	989.81	1024.36	992.85	3.03	ppb
Silver	107-1	1021.03	1002.47	970.25	997.92	2.57	ppb
Silver	109-1	1025.40	1000.86	943.29	989.85	4.26	ppb
Sodium	23-2	102054.01	99414.99	99631.99	100366.99	1.46	ppb
Strontium	86-1	23650.24	25200.42	25477.21	24775.96	3.97	ppb
Strontium	88-1	24604.52	24457.27	25314.04	24791.94	1.85	ppb
Sulfur	34-1	17106.52	18690.65	19134.53	18310.57	5.82	ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	965.49	1019.54	997.76	994.26	2.74	ppb
Thallium	205-1	961.62	996.00	1015.18	990.93	2.74	ppb
Tin	118-1	986.72	1031.01	964.05	993.93	3.43	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 10:15:17	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9669.73	10068.76	10055.65	9931.38	2.28	ppb
Uranium	238-1	994.62	1001.95	996.31	997.62	0.38	ppb
Vanadium	51-2	1017.41	979.59	995.46	997.49	1.90	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	10274.32	9785.92	9823.25	9961.16	2.73	ppb
Zirconium	90-1	974.59	999.02	994.60	989.40	1.32	ppb
Zirconium	91-1	961.15	1008.93	1023.45	997.84	3.27	ppb

LB Number : LB123301 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P8
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired : 2022-12-15 10:18:23 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99866.86	98998.07	101220.68	100028.53	1.12	ppb
Antimony	121-1	0.51	0.51	0.63	0.55	12.24	ppb
Arsenic	75-2	0.32	0.33	0.48	0.38	23.63	ppb
Barium	135-1	2.92	2.83	2.99	2.91	2.69	ppb
Barium	137-1	2.87	2.79	2.76	2.81	1.97	ppb
Beryllium	9-1	0.16	0.15	0.15	0.16	4.60	ppb
Bismuth	209-1				92		%
Bismuth	209-2				92		%
Boron	10-1	76.65	73.30	66.01	71.98	7.56	ppb
Boron	11-1	84.04	76.17	68.34	76.18	10.30	ppb
Bromine	81-1						cps
Cadmium	111-1	0.33	0.33	0.37	0.34	6.19	ppb
Cadmium	106-1	0.29	-0.55	-0.60	-0.29		ppb
Cadmium	108-1	1.04	0.75	0.51	0.77	34.18	ppb
Calcium	43-1	502809.07	512159.50	478732.40	497900.32	3.46	ppb
Calcium	44-1	504750.60	517533.07	476158.53	499480.73	4.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.28	6.28	6.51	6.36	2.09	ppb
Cobalt	59-2	0.88	0.85	0.98	0.90	7.78	ppb
Copper	63-2	2.38	2.81	3.63	2.94	21.62	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				108		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	54-2	250632.82	247441.09	250628.57	249567.49	0.74	ppb
Iron	56-2	258029.07	248271.59	241681.00	249327.22	3.30	ppb
Iron	57-2	258846.83	243897.08	246282.74	249675.55	3.22	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 10:18:23	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.25	1.30	1.22	1.26	3.11	ppb
Lead	207-1	1.27	1.22	1.03	1.17	10.88	ppb
Lead	208-1	1.23	1.25	1.11	1.20	6.08	ppb
Lithium	6-1				92		%
Magnesium	24-2	497425.82	495137.30	503697.04	498753.39	0.89	ppb
Manganese	55-2	10.25	10.37	11.12	10.58	4.48	ppb
Molybdenum	94-1	3.10	3.00	3.29	3.13	4.66	ppb
Molybdenum	95-1	2.79	2.83	2.61	2.74	4.14	ppb
Molybdenum	96-1	6.35	6.63	6.35	6.44	2.53	ppb
Molybdenum	97-1	3.34	2.78	2.71	2.94	11.79	ppb
Molybdenum	98-1	2.83	2.67	2.62	2.71	3.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.21	2.97	3.21	3.13	4.46	ppb
Phosphorus	31-2	-36.92	0.25	16.92	-6.58		ppb
Potassium	39-2	246472.10	248060.13	256441.29	250324.51	2.14	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				101		%
Scandium	45-2				105		%
Selenium	82-1	1.15	1.25	1.28	1.23	5.68	ppb
Selenium	77-2	0.00	0.87	1.72	0.86	99.51	ppb
Selenium	78-2	1.65	0.86	0.06	0.86	93.33	ppb
Silicon	28-1	15.97	20.24	7.59	14.60	44.09	ppb
Silver	107-1	0.53	0.50	0.44	0.49	8.84	ppb
Silver	109-1	0.50	0.53	0.50	0.51	3.25	ppb
Sodium	23-2	508050.79	490842.15	500458.16	499783.70	1.73	ppb
Strontium	86-1	7.94	7.91	7.05	7.63	6.64	ppb
Strontium	88-1	7.89	7.80	7.41	7.70	3.25	ppb
Sulfur	34-1	-2838.71	-2241.07	-2611.87	-2563.88		ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	0.27	0.26	0.26	0.26	3.88	ppb
Thallium	205-1	0.25	0.27	0.23	0.25	7.75	ppb
Tin	118-1	1.04	1.03	1.10	1.06	3.62	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 10:18:23	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.29	2.54	2.18	2.34	7.88	ppb
Uranium	238-1	0.10	0.08	0.08	0.09	13.88	ppb
Vanadium	51-2	0.22	0.32	0.43	0.32	31.92	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				105		%
Zinc	66-2	6.52	6.58	7.51	6.87	8.08	ppb
Zirconium	90-1	0.25	0.27	0.24	0.25	6.86	ppb
Zirconium	91-1	0.33	0.25	0.26	0.28	15.99	ppb

LB Number : LB123301 Operator : Jaswal
 Lab Sample ID : ICV02 Instrumnet Name : P8
 Client Sample ID : ICV02 Dilution Factor : 1
 Date & Time Acquired : 2022-12-15 10:42:47 DataFile Name : 012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	531.04	517.02	521.07	523.04	1.38	ppb
Antimony	121-1	206.63	197.19	198.35	200.72	2.56	ppb
Arsenic	75-2	209.16	210.15	204.54	207.95	1.44	ppb
Barium	135-1	102.85	98.88	96.78	99.50	3.10	ppb
Barium	137-1	106.56	97.70	98.19	100.82	4.94	ppb
Beryllium	9-1	107.58	110.30	107.09	108.32	1.59	ppb
Bismuth	209-1				104		%
Bismuth	209-2				106		%
Boron	10-1	463.63	511.29	510.32	495.08	5.50	ppb
Boron	11-1	501.63	554.49	535.05	530.39	5.04	ppb
Bromine	81-1						cps
Cadmium	111-1	110.97	107.39	110.64	109.67	1.80	ppb
Cadmium	106-1	186.36	173.29	185.79	181.82	4.06	ppb
Cadmium	108-1	171.72	160.60	168.30	166.87	3.41	ppb
Calcium	43-1	2259.43	2209.86	2105.80	2191.70	3.58	ppb
Calcium	44-1	2196.62	2141.95	2044.11	2127.56	3.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	98.17	100.22	96.06	98.15	2.12	ppb
Cobalt	59-2	100.87	99.72	99.22	99.94	0.84	ppb
Copper	63-2	99.94	99.23	98.82	99.33	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	54-2	2043.73	2035.19	1984.52	2021.14	1.58	ppb
Iron	56-2	2098.12	2052.71	2122.35	2091.06	1.69	ppb
Iron	57-2	2035.14	1943.07	1921.15	1966.45	3.08	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	ICV02	Instrumnet Name :	P8
Client Sample ID :	ICV02	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 10:42:47	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	206.81	200.76	202.05	203.20	1.57	ppb
Lead	207-1	196.51	192.08	189.69	192.76	1.79	ppb
Lead	208-1	208.26	198.53	201.61	202.80	2.45	ppb
Lithium	6-1				96		%
Magnesium	24-2	1177.49	1163.74	1164.22	1168.48	0.67	ppb
Manganese	55-2	97.50	97.60	96.73	97.28	0.49	ppb
Molybdenum	94-1	5059.44	5063.15	4686.15	4936.25	4.39	ppb
Molybdenum	95-1	5122.94	4987.13	4776.64	4962.23	3.52	ppb
Molybdenum	96-1	5121.35	5021.61	4874.90	5005.95	2.48	ppb
Molybdenum	97-1	5172.61	5167.01	4768.85	5036.16	4.60	ppb
Molybdenum	98-1	5133.78	4881.78	4766.98	4927.51	3.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	106.67	104.76	105.54	105.66	0.91	ppb
Phosphorus	31-2	-10.72	-29.06	24.71	-5.03		ppb
Potassium	39-2	1865.55	1860.93	1849.84	1858.77	0.43	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	82-1	221.39	225.30	213.29	219.99	2.78	ppb
Selenium	77-2	191.14	187.75	211.49	196.80	6.52	ppb
Selenium	78-2	209.39	221.54	216.72	215.88	2.83	ppb
Silicon	28-1	489.33	499.75	451.19	480.09	5.33	ppb
Silver	107-1	52.26	50.21	49.50	50.66	2.83	ppb
Silver	109-1	52.85	50.76	53.08	52.23	2.45	ppb
Sodium	23-2	1967.02	1939.64	1904.88	1937.18	1.61	ppb
Strontium	86-1	502.76	501.53	479.03	494.44	2.70	ppb
Strontium	88-1	481.89	500.46	472.34	484.90	2.95	ppb
Sulfur	34-1	-2336.30	-2659.66	-3129.21	-2708.39		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	212.00	211.27	205.68	209.65	1.65	ppb
Thallium	205-1	226.27	218.48	212.52	219.09	3.15	ppb
Tin	118-1	519.00	501.44	515.77	512.07	1.83	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	ICV02	Instrumnet Name :	P8
Client Sample ID :	ICV02	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 10:42:47	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5119.56	5065.48	4824.87	5003.30	3.14	ppb
Uranium	238-1	495.67	495.64	491.05	494.12	0.54	ppb
Vanadium	51-2	98.73	98.86	96.46	98.01	1.38	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	207.61	199.09	195.38	200.69	3.12	ppb
Zirconium	90-1	513.06	507.84	488.01	502.97	2.63	ppb
Zirconium	91-1	511.29	489.90	478.53	493.24	3.37	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:03:07	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.41	23.00	22.56	22.66	1.35	ppb
Antimony	121-1	1.92	1.89	1.91	1.91	0.93	ppb
Arsenic	75-2	1.01	1.10	1.02	1.04	4.83	ppb
Barium	135-1	9.58	9.12	8.73	9.14	4.64	ppb
Barium	137-1	9.34	8.77	9.10	9.07	3.16	ppb
Beryllium	9-1	1.16	1.07	1.11	1.11	4.26	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	10-1	27.07	26.87	28.95	27.63	4.15	ppb
Boron	11-1	28.41	29.07	31.66	29.71	5.78	ppb
Bromine	81-1						cps
Cadmium	111-1	0.95	1.09	0.99	1.01	7.36	ppb
Cadmium	106-1	-2.55	-2.19	-1.83	-2.19		ppb
Cadmium	108-1	1.03	0.80	1.09	0.97	15.93	ppb
Calcium	43-1	476.76	461.94	457.62	465.44	2.16	ppb
Calcium	44-1	482.38	464.97	462.59	469.98	2.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.92	1.81	1.82	1.85	3.44	ppb
Cobalt	59-2	0.92	1.03	0.97	0.98	5.32	ppb
Copper	63-2	1.91	2.08	2.04	2.01	4.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	54-2	46.07	53.47	50.50	50.02	7.45	ppb
Iron	56-2	50.31	50.46	49.64	50.14	0.87	ppb
Iron	57-2	50.93	42.93	49.75	47.87	9.02	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:03:07	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.88	0.80	0.91	0.86	6.88	ppb
Lead	207-1	0.87	0.81	0.99	0.89	9.83	ppb
Lead	208-1	0.87	0.82	0.91	0.87	4.88	ppb
Lithium	6-1				101		%
Magnesium	24-2	505.97	519.28	504.54	509.93	1.59	ppb
Manganese	55-2	1.06	0.83	0.97	0.95	12.48	ppb
Molybdenum	94-1	5.40	5.72	5.42	5.51	3.18	ppb
Molybdenum	95-1	4.80	5.14	4.83	4.92	3.78	ppb
Molybdenum	96-1	4.71	5.04	5.01	4.92	3.73	ppb
Molybdenum	97-1	4.93	5.00	4.92	4.95	0.86	ppb
Molybdenum	98-1	4.71	4.79	4.97	4.82	2.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.95	1.06	0.95	0.99	6.67	ppb
Phosphorus	31-2	-19.80	-4.18	41.83	5.95	538.57	ppb
Potassium	39-2	454.20	462.20	454.69	457.03	0.98	ppb
Rhodium	103-1				107		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	4.99	4.94	4.46	4.79	6.11	ppb
Selenium	77-2	2.59	6.92	6.05	5.19	44.10	ppb
Selenium	78-2	4.43	3.96	4.43	4.27	6.38	ppb
Silicon	28-1	2.62	-3.54	-3.08	-1.33		ppb
Silver	107-1	1.09	1.00	1.05	1.05	4.70	ppb
Silver	109-1	1.04	1.06	0.98	1.03	4.31	ppb
Sodium	23-2	484.23	493.54	469.82	482.53	2.48	ppb
Strontium	86-1	0.80	1.10	1.00	0.96	15.97	ppb
Strontium	88-1	0.96	0.98	0.96	0.97	1.41	ppb
Sulfur	34-1	-1797.77	-2021.10	-2086.52	-1968.47		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	1.00	0.89	0.98	0.96	6.09	ppb
Thallium	205-1	0.97	0.85	0.99	0.94	8.05	ppb
Tin	118-1	4.82	4.55	4.91	4.76	3.89	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:03:07	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.02	5.46	4.79	5.09	6.66	ppb
Uranium	238-1	0.88	0.82	0.87	0.86	3.55	ppb
Vanadium	51-2	4.86	4.73	4.96	4.85	2.44	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	1.99	1.79	1.87	1.88	5.34	ppb
Zirconium	90-1	1.00	1.01	0.96	0.99	2.67	ppb
Zirconium	91-1	0.99	0.94	0.95	0.96	2.87	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	ICB02	Instrumnet Name :	P8
Client Sample ID :	ICB02	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:10:33	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.42	-0.22	-0.04	-0.23		ppb
Antimony	121-1	0.00	0.00	0.01	0.00	351.05	ppb
Arsenic	75-2	-0.01	-0.01	0.02	0.00		ppb
Barium	135-1	-0.02	0.02	-0.02	-0.01		ppb
Barium	137-1	0.02	0.00	0.00	0.01	180.93	ppb
Beryllium	9-1	0.01	0.00	0.00	0.01	52.45	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	3.94	3.38	3.25	3.52	10.28	ppb
Boron	11-1	4.00	3.73	3.74	3.82	4.06	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	-0.03	-0.03	-0.03		ppb
Cadmium	106-1	-2.35	-1.39	-1.59	-1.78		ppb
Cadmium	108-1	-0.01	0.04	0.23	0.09	145.87	ppb
Calcium	43-1	-0.89	-0.82	1.25	-0.15		ppb
Calcium	44-1	-4.67	-2.51	-3.87	-3.68		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.05	-0.02	-0.03		ppb
Cobalt	59-2	0.00	0.01	-0.01	0.00	422.54	ppb
Copper	63-2	0.01	-0.01	-0.01	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	54-2	1.05	0.24	0.77	0.69	59.67	ppb
Iron	56-2	0.15	0.20	0.28	0.21	29.40	ppb
Iron	57-2	1.20	2.17	-0.07	1.10	101.92	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	ICB02	Instrumnet Name :	P8
Client Sample ID :	ICB02	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:10:33	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.01	0.05	-0.01	0.01	309.56	ppb
Lead	207-1	0.04	0.02	0.01	0.02	51.65	ppb
Lead	208-1	0.02	0.03	0.00	0.02	94.18	ppb
Lithium	6-1				101		%
Magnesium	24-2	-0.12	0.65	0.33	0.29	133.98	ppb
Manganese	55-2	-0.01	-0.03	-0.01	-0.02		ppb
Molybdenum	94-1	0.02	-0.01	0.02	0.01	134.80	ppb
Molybdenum	95-1	0.00	0.01	0.01	0.01	77.30	ppb
Molybdenum	96-1	0.03	0.04	0.01	0.03	45.85	ppb
Molybdenum	97-1	0.00	0.00	0.01	0.00	164.74	ppb
Molybdenum	98-1	0.00	0.01	0.00	0.01	56.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.03	-0.02	-0.03		ppb
Phosphorus	31-2	42.03	15.43	-14.25	14.40	195.45	ppb
Potassium	39-2	-10.46	-11.36	-4.51	-8.78		ppb
Rhodium	103-1				107		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	-0.49	-0.45	0.41	-0.18		ppb
Selenium	77-2	0.88	0.00	0.00	0.29	173.21	ppb
Selenium	78-2	-0.05	0.34	0.38	0.22	107.51	ppb
Silicon	28-1	-14.24	-9.83	-12.95	-12.34		ppb
Silver	107-1	0.01	0.02	0.01	0.01	54.78	ppb
Silver	109-1	0.02	0.00	0.01	0.01	74.74	ppb
Sodium	23-2	8.58	2.29	7.18	6.02	54.92	ppb
Strontium	86-1	0.05	0.04	0.04	0.04	22.50	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	114.73	ppb
Sulfur	34-1	-1987.44	-1741.29	-1722.17	-1816.97		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.01	0.00	0.02	0.01	118.91	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	35.13	ppb
Tin	118-1	-0.07	-0.09	-0.07	-0.08		ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	ICB02	Instrumnet Name :	P8
Client Sample ID :	ICB02	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:10:33	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.00	-0.13	-0.06	-0.06		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	1098.88	ppb
Vanadium	51-2	-0.01	-0.01	0.00	-0.01		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	-0.10	-0.11	-0.01	-0.07		ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	59.63	ppb
Zirconium	91-1	0.00	0.01	0.03	0.02	100.90	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	ICSA02	Instrumnet Name :	P8
Client Sample ID :	ICSA02	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:13:44	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97568.91	98842.17	96349.86	97586.98	1.28	ppb
Antimony	121-1	1.11	1.15	1.04	1.10	5.25	ppb
Arsenic	75-2	0.28	0.29	0.30	0.29	2.56	ppb
Barium	135-1	1.37	1.33	1.36	1.36	1.58	ppb
Barium	137-1	1.38	1.47	1.36	1.40	4.13	ppb
Beryllium	9-1	0.30	0.30	0.30	0.30	0.35	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	10-1	3.65	3.92	3.80	3.79	3.62	ppb
Boron	11-1	4.33	4.12	4.15	4.20	2.75	ppb
Bromine	81-1						cps
Cadmium	111-1	0.51	0.35	0.30	0.38	28.06	ppb
Cadmium	106-1	-2.57	-1.46	-2.69	-2.24		ppb
Cadmium	108-1	10.33	10.56	10.28	10.39	1.43	ppb
Calcium	43-1	96597.00	97276.67	98127.76	97333.81	0.79	ppb
Calcium	44-1	97340.09	95780.20	100570.30	97896.86	2.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.10	18.60	18.58	18.76	1.58	ppb
Cobalt	59-2	1.16	1.09	1.13	1.13	3.12	ppb
Copper	63-2	7.38	7.32	7.18	7.29	1.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	54-2	96866.32	96482.86	97410.48	96919.89	0.48	ppb
Iron	56-2	102204.21	98207.34	101781.90	100731.15	2.18	ppb
Iron	57-2	102369.82	98424.76	99170.16	99988.25	2.10	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	ICSA02	Instrumnet Name :	P8
Client Sample ID :	ICSA02	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:13:44	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5.33	5.34	5.66	5.44	3.45	ppb
Lead	207-1	5.01	5.05	4.90	4.99	1.52	ppb
Lead	208-1	5.02	5.13	5.18	5.11	1.62	ppb
Lithium	6-1				96		%
Magnesium	24-2	99691.23	96088.22	94884.01	96887.82	2.58	ppb
Manganese	55-2	7.67	7.59	7.61	7.62	0.53	ppb
Molybdenum	94-1	1606.11	1692.28	1609.62	1636.01	2.98	ppb
Molybdenum	95-1	1894.13	1968.35	1899.77	1920.75	2.15	ppb
Molybdenum	96-1	1847.61	1995.20	1920.57	1921.13	3.84	ppb
Molybdenum	97-1	1998.54	2105.87	1964.56	2022.99	3.65	ppb
Molybdenum	98-1	1879.37	2040.80	1928.80	1949.66	4.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.22	6.10	5.99	6.10	1.88	ppb
Phosphorus	31-2	95423.58	95487.29	95435.24	95448.70	0.04	ppb
Potassium	39-2	94120.28	95878.39	93289.52	94429.40	1.40	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	82-1	-0.08	0.17	0.40	0.16	145.81	ppb
Selenium	77-2	0.00	0.86	0.00	0.29	173.21	ppb
Selenium	78-2	-0.74	0.75	-0.51	-0.17		ppb
Silicon	28-1	10.14	18.99	23.58	17.57	38.87	ppb
Silver	107-1	0.01	0.00	0.02	0.01	61.22	ppb
Silver	109-1	0.01	0.01	0.02	0.01	59.22	ppb
Sodium	23-2	100183.97	97369.34	97862.93	98472.08	1.53	ppb
Strontium	86-1	35.48	35.76	34.10	35.11	2.52	ppb
Strontium	88-1	34.05	35.90	34.76	34.90	2.67	ppb
Sulfur	34-1	97881.93	98706.17	98575.09	98387.73	0.45	ppb
Terbium	159-1				109		%
Terbium	159-2				110		%
Thallium	203-1	0.16	0.17	0.16	0.16	2.83	ppb
Thallium	205-1	0.18	0.16	0.16	0.17	9.15	ppb
Tin	118-1	0.16	0.11	0.12	0.13	18.78	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	ICSA02	Instrumnet Name :	P8
Client Sample ID :	ICSA02	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:13:44	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1974.38	2044.63	2045.38	2021.46	2.02	ppb
Uranium	238-1	0.01	0.02	0.01	0.01	21.62	ppb
Vanadium	51-2	0.17	0.20	0.17	0.18	9.57	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	10.78	10.75	11.46	11.00	3.66	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	20.28	ppb
Zirconium	91-1	0.04	0.01	0.04	0.03	63.27	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	ICSAB02	Instrumnet Name :	P8
Client Sample ID :	ICSAB02	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:16:43	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96980.64	98431.51	94646.55	96686.24	1.98	ppb
Antimony	121-1	21.10	21.94	21.49	21.51	1.94	ppb
Arsenic	75-2	20.31	20.35	19.78	20.14	1.59	ppb
Barium	135-1	21.15	21.74	21.56	21.48	1.39	ppb
Barium	137-1	22.06	22.53	22.93	22.51	1.93	ppb
Beryllium	9-1	21.95	20.96	20.84	21.25	2.87	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	58.86	59.21	58.77	58.95	0.39	ppb
Boron	11-1	64.78	64.31	63.39	64.16	1.10	ppb
Bromine	81-1						cps
Cadmium	111-1	19.96	21.41	20.69	20.69	3.50	ppb
Cadmium	106-1	23.60	27.18	25.75	25.51	7.07	ppb
Cadmium	108-1	30.98	33.74	32.12	32.28	4.29	ppb
Calcium	43-1	103337.21	96860.87	94785.10	98327.73	4.54	ppb
Calcium	44-1	101480.25	99377.80	98413.24	99757.10	1.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.60	39.47	36.47	38.18	4.04	ppb
Cobalt	59-2	20.90	20.34	19.87	20.37	2.53	ppb
Copper	63-2	26.31	26.70	25.47	26.16	2.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	54-2	98439.88	102241.71	95154.60	98612.07	3.60	ppb
Iron	56-2	102958.84	103746.47	100046.22	102250.51	1.91	ppb
Iron	57-2	101846.84	105478.25	99361.48	102228.86	3.01	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	ICSAB02	Instrumnet Name :	P8
Client Sample ID :	ICSAB02	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:16:43	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	29.71	29.41	29.06	29.39	1.12	ppb
Lead	207-1	28.17	27.74	27.19	27.70	1.77	ppb
Lead	208-1	28.69	28.44	28.06	28.40	1.11	ppb
Lithium	6-1				97		%
Magnesium	24-2	96378.31	95620.11	92218.00	94738.81	2.34	ppb
Manganese	55-2	27.66	27.37	25.86	26.96	3.60	ppb
Molybdenum	94-1	1827.85	1746.66	1765.08	1779.86	2.39	ppb
Molybdenum	95-1	2014.06	1982.55	1996.33	1997.65	0.79	ppb
Molybdenum	96-1	2031.27	1985.63	1962.53	1993.14	1.75	ppb
Molybdenum	97-1	2069.15	2086.21	2033.06	2062.81	1.32	ppb
Molybdenum	98-1	1988.59	1942.70	1967.58	1966.29	1.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.31	25.50	24.54	25.45	3.48	ppb
Phosphorus	31-2	97044.95	96267.64	93798.53	95703.71	1.77	ppb
Potassium	39-2	94729.68	94343.73	94251.51	94441.64	0.27	ppb
Rhodium	103-1				107		%
Rhodium	103-2				103		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	82-1	19.98	19.02	19.59	19.53	2.46	ppb
Selenium	77-2	15.09	13.72	15.85	14.88	7.25	ppb
Selenium	78-2	20.23	18.45	17.13	18.60	8.38	ppb
Silicon	28-1	62.18	52.38	59.62	58.06	8.76	ppb
Silver	107-1	18.23	19.29	18.63	18.72	2.85	ppb
Silver	109-1	19.72	19.98	19.47	19.72	1.31	ppb
Sodium	23-2	98152.63	101340.54	96422.24	98638.47	2.53	ppb
Strontium	86-1	88.45	86.51	88.92	87.96	1.45	ppb
Strontium	88-1	88.99	86.34	89.17	88.17	1.80	ppb
Sulfur	34-1	101906.79	97282.25	96034.82	98407.95	3.14	ppb
Terbium	159-1				109		%
Terbium	159-2				110		%
Thallium	203-1	21.08	20.52	20.49	20.69	1.61	ppb
Thallium	205-1	20.95	20.78	20.60	20.78	0.82	ppb
Tin	118-1	54.13	57.45	55.27	55.62	3.04	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	ICSAB02	Instrumnet Name :	P8
Client Sample ID :	ICSAB02	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:16:43	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2093.32	2071.75	2128.37	2097.81	1.36	ppb
Uranium	238-1	54.29	52.77	52.50	53.19	1.81	ppb
Vanadium	51-2	19.79	20.45	19.64	19.96	2.17	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				107		%
Zinc	66-2	30.30	31.83	29.19	30.44	4.37	ppb
Zirconium	90-1	57.38	55.36	56.98	56.57	1.90	ppb
Zirconium	91-1	56.83	54.27	54.27	55.12	2.68	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:31:34	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52505.52	47771.80	49907.73	50061.68	4.74	ppb
Antimony	121-1	513.20	506.69	482.15	500.68	3.27	ppb
Arsenic	75-2	490.92	487.44	493.67	490.68	0.64	ppb
Barium	135-1	2571.62	2654.76	2607.41	2611.26	1.60	ppb
Barium	137-1	2630.20	2644.04	2421.27	2565.17	4.87	ppb
Beryllium	9-1	514.32	516.36	492.10	507.59	2.65	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	663.52	690.32	670.75	674.86	2.05	ppb
Boron	11-1	660.19	660.16	699.55	673.30	3.38	ppb
Bromine	81-1						cps
Cadmium	111-1	500.67	500.48	489.43	496.86	1.29	ppb
Cadmium	106-1	496.11	503.06	478.21	492.46	2.60	ppb
Cadmium	108-1	499.25	496.60	490.97	495.61	0.85	ppb
Calcium	43-1	237690.43	245910.19	240460.03	241353.55	1.73	ppb
Calcium	44-1	244934.52	252730.67	237603.48	245089.56	3.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	504.97	489.04	495.39	496.47	1.61	ppb
Cobalt	59-2	501.12	489.23	490.83	493.72	1.31	ppb
Copper	63-2	5169.13	5036.02	5007.72	5070.96	1.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	54-2	129319.56	123884.59	124585.01	125929.72	2.35	ppb
Iron	56-2	128148.22	128465.40	129090.87	128568.17	0.37	ppb
Iron	57-2	128213.89	119699.41	126344.81	124752.71	3.59	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:31:34	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2563.51	2549.83	2560.63	2557.99	0.28	ppb
Lead	207-1	2558.33	2576.50	2516.53	2550.46	1.21	ppb
Lead	208-1	2580.80	2589.32	2549.40	2573.17	0.82	ppb
Lithium	6-1				99		%
Magnesium	24-2	267773.87	252847.25	249413.79	256678.30	3.80	ppb
Manganese	55-2	5128.19	5027.72	5150.49	5102.13	1.28	ppb
Molybdenum	94-1	5059.40	5077.94	5031.03	5056.12	0.47	ppb
Molybdenum	95-1	5093.87	5141.94	5041.42	5092.41	0.99	ppb
Molybdenum	96-1	5021.94	5192.73	4982.28	5065.65	2.21	ppb
Molybdenum	97-1	5003.00	5199.87	4958.67	5053.85	2.54	ppb
Molybdenum	98-1	5031.00	5129.25	5104.80	5088.35	1.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	525.79	513.96	510.37	516.70	1.56	ppb
Phosphorus	31-2	10322.36	9563.97	9804.35	9896.89	3.92	ppb
Potassium	39-2	126214.35	121493.67	124856.86	124188.29	1.96	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				106		%
Selenium	82-1	501.56	497.54	489.92	496.34	1.19	ppb
Selenium	77-2	488.63	490.09	517.22	498.65	3.23	ppb
Selenium	78-2	505.45	488.29	501.03	498.26	1.79	ppb
Silicon	28-1	2309.77	2365.73	2204.27	2293.26	3.58	ppb
Silver	107-1	496.82	503.07	494.28	498.06	0.91	ppb
Silver	109-1	507.65	525.59	516.38	516.54	1.74	ppb
Sodium	23-2	260433.53	242538.73	244503.79	249158.68	3.94	ppb
Strontium	86-1	12591.71	13110.24	12612.62	12771.52	2.30	ppb
Strontium	88-1	13243.98	13289.09	12758.03	13097.03	2.25	ppb
Sulfur	34-1	11634.86	11760.71	10807.59	11401.06	4.54	ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	533.82	526.63	522.35	527.60	1.10	ppb
Thallium	205-1	521.45	535.29	508.89	521.88	2.53	ppb
Tin	118-1	523.52	529.27	501.21	518.00	2.86	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:31:34	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5243.48	5336.06	5197.50	5259.01	1.34	ppb
Uranium	238-1	512.24	516.49	513.89	514.21	0.42	ppb
Vanadium	51-2	531.85	509.61	512.32	517.93	2.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	4874.67	4839.51	4745.86	4820.01	1.38	ppb
Zirconium	90-1	518.13	507.61	507.71	511.15	1.18	ppb
Zirconium	91-1	509.06	513.18	503.86	508.70	0.92	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:40:08	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.46	0.31	0.27	0.35	27.95	ppb
Antimony	121-1	0.02	0.04	0.05	0.04	42.25	ppb
Arsenic	75-2	0.04	0.00	-0.02	0.01	332.70	ppb
Barium	135-1	0.01	-0.01	0.00	0.00	805.40	ppb
Barium	137-1	0.01	0.06	0.04	0.04	59.56	ppb
Beryllium	9-1	0.02	0.02	0.01	0.02	26.89	ppb
Bismuth	209-1				110		%
Bismuth	209-2				105		%
Boron	10-1	15.02	14.68	13.95	14.55	3.76	ppb
Boron	11-1	16.00	15.33	14.45	15.26	5.10	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.05	-0.04	-0.04		ppb
Cadmium	106-1	-4.07	-4.14	-3.84	-4.01		ppb
Cadmium	108-1	0.23	0.03	0.03	0.10	117.97	ppb
Calcium	43-1	0.04	0.69	0.99	0.57	85.30	ppb
Calcium	44-1	-2.55	-0.49	-1.42	-1.49		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.04	0.05	0.03	73.07	ppb
Cobalt	59-2	0.00	0.00	0.02	0.01	126.94	ppb
Copper	63-2	0.16	0.17	0.17	0.17	4.55	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				103		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	54-2	2.19	-0.41	0.23	0.67	202.78	ppb
Iron	56-2	1.49	1.73	0.83	1.35	34.58	ppb
Iron	57-2	-0.37	-1.19	0.68	-0.30		ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:40:08	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.03	0.06	0.05	36.30	ppb
Lead	207-1	0.08	0.06	0.08	0.07	18.79	ppb
Lead	208-1	0.07	0.06	0.07	0.06	12.40	ppb
Lithium	6-1				101		%
Magnesium	24-2	2.43	4.34	0.64	2.47	75.03	ppb
Manganese	55-2	0.06	0.10	0.00	0.05	96.00	ppb
Molybdenum	94-1	0.10	0.07	0.07	0.08	22.61	ppb
Molybdenum	95-1	0.04	0.04	0.04	0.04	8.75	ppb
Molybdenum	96-1	0.08	0.08	0.11	0.09	15.90	ppb
Molybdenum	97-1	0.05	0.07	0.07	0.06	21.23	ppb
Molybdenum	98-1	0.07	0.03	0.04	0.05	50.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	-0.01	-0.01		ppb
Phosphorus	31-2	38.62	-56.99	7.16	-3.74		ppb
Potassium	39-2	5.86	10.11	6.09	7.35	32.51	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	-0.25	-0.33	0.09	-0.16		ppb
Selenium	77-2	0.88	0.00	0.00	0.29	173.21	ppb
Selenium	78-2	0.03	0.15	0.67	0.28	118.55	ppb
Silicon	28-1	-15.50	-14.98	-11.32	-13.93		ppb
Silver	107-1	0.05	0.06	0.06	0.06	10.17	ppb
Silver	109-1	0.06	0.06	0.06	0.06	4.47	ppb
Sodium	23-2	21.32	26.01	21.69	23.01	11.32	ppb
Strontium	86-1	0.14	0.13	0.04	0.10	56.22	ppb
Strontium	88-1	0.05	0.05	0.05	0.05	7.59	ppb
Sulfur	34-1	-3224.41	-3125.60	-3020.19	-3123.40		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.13	0.15	0.15	0.14	7.57	ppb
Thallium	205-1	0.12	0.13	0.14	0.13	6.20	ppb
Tin	118-1	-0.08	-0.06	-0.06	-0.07		ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:40:08	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.14	-0.13	-0.08	-0.12		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	44.01	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				104		%
Yttrium	89-2				102		%
Zinc	66-2	-0.10	0.07	-0.04	-0.02		ppb
Zirconium	90-1	0.00	0.00	0.01	0.01	138.29	ppb
Zirconium	91-1	0.02	0.03	0.03	0.03	17.97	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:44:27	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.22	20.92	20.77	20.97	1.11	ppb
Antimony	121-1	2.04	1.93	1.93	1.97	3.22	ppb
Arsenic	75-2	1.14	1.03	1.20	1.12	7.98	ppb
Barium	135-1	9.37	9.04	9.26	9.22	1.78	ppb
Barium	137-1	9.95	9.75	9.31	9.67	3.38	ppb
Beryllium	9-1	1.08	1.11	1.06	1.08	2.33	ppb
Bismuth	209-1				113		%
Bismuth	209-2				104		%
Boron	10-1	32.28	33.56	32.99	32.94	1.95	ppb
Boron	11-1	34.10	36.35	35.55	35.34	3.23	ppb
Bromine	81-1						cps
Cadmium	111-1	1.12	0.99	1.03	1.05	6.08	ppb
Cadmium	106-1	-1.12	-2.58	-2.66	-2.12		ppb
Cadmium	108-1	1.25	0.95	1.00	1.06	15.15	ppb
Calcium	43-1	488.02	470.77	478.91	479.23	1.80	ppb
Calcium	44-1	500.91	481.59	485.78	489.43	2.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.88	1.94	1.90	1.91	1.42	ppb
Cobalt	59-2	1.03	0.96	1.01	1.00	3.56	ppb
Copper	63-2	2.15	2.22	2.18	2.18	1.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	54-2	50.81	53.55	53.20	52.52	2.84	ppb
Iron	56-2	51.17	51.33	50.63	51.04	0.72	ppb
Iron	57-2	50.78	47.07	48.10	48.65	3.93	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:44:27	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.94	0.92	0.86	0.91	4.53	ppb
Lead	207-1	0.86	0.96	0.87	0.90	6.27	ppb
Lead	208-1	0.94	0.91	0.88	0.91	3.26	ppb
Lithium	6-1				101		%
Magnesium	24-2	502.39	522.48	528.04	517.64	2.61	ppb
Manganese	55-2	0.96	0.89	1.03	0.96	6.92	ppb
Molybdenum	94-1	5.70	5.76	5.61	5.69	1.30	ppb
Molybdenum	95-1	4.92	5.05	5.02	5.00	1.38	ppb
Molybdenum	96-1	4.97	5.06	5.29	5.11	3.20	ppb
Molybdenum	97-1	4.88	5.17	5.12	5.06	2.99	ppb
Molybdenum	98-1	4.94	5.06	5.07	5.02	1.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.94	0.93	1.17	1.01	13.18	ppb
Phosphorus	31-2	-18.99	-18.89	-9.92	-15.93		ppb
Potassium	39-2	474.06	460.43	489.75	474.75	3.09	ppb
Rhodium	103-1				109		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	5.73	5.04	4.42	5.06	12.98	ppb
Selenium	77-2	4.33	1.79	8.87	5.00	71.76	ppb
Selenium	78-2	3.35	5.00	3.79	4.05	21.22	ppb
Silicon	28-1	-2.49	-5.24	-2.37	-3.37		ppb
Silver	107-1	1.03	1.00	1.05	1.02	2.36	ppb
Silver	109-1	1.02	1.10	1.08	1.07	3.82	ppb
Sodium	23-2	489.28	513.08	513.93	505.43	2.77	ppb
Strontium	86-1	0.96	1.29	1.05	1.10	15.44	ppb
Strontium	88-1	1.04	1.08	1.10	1.07	3.07	ppb
Sulfur	34-1	-2754.74	-3097.84	-2818.16	-2890.25		ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	1.04	1.02	0.91	0.99	7.29	ppb
Thallium	205-1	0.98	1.07	1.02	1.03	4.43	ppb
Tin	118-1	4.99	4.75	5.01	4.91	2.96	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:44:27	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.97	5.10	5.14	5.07	1.79	ppb
Uranium	238-1	0.85	0.87	0.86	0.86	1.06	ppb
Vanadium	51-2	5.11	4.70	4.74	4.85	4.65	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				103		%
Zinc	66-2	2.04	2.19	2.12	2.12	3.62	ppb
Zirconium	90-1	0.99	1.00	1.05	1.01	2.97	ppb
Zirconium	91-1	0.96	0.95	0.93	0.95	1.69	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	N3980-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT3-	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:47:39	DataFile Name :	021AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.28	14.92	17.18	15.46	9.86	ppb
Antimony	121-1	0.81	0.72	0.80	0.78	6.33	ppb
Arsenic	75-2	0.59	0.78	0.73	0.70	13.95	ppb
Barium	135-1	3.99	3.42	3.33	3.58	10.01	ppb
Barium	137-1	3.78	3.40	3.56	3.58	5.43	ppb
Beryllium	9-1	0.78	0.76	0.76	0.77	1.34	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	10-1	10.57	9.89	9.05	9.84	7.76	ppb
Boron	11-1	11.55	10.99	10.09	10.88	6.77	ppb
Bromine	81-1						cps
Cadmium	111-1	0.76	0.79	0.73	0.76	3.52	ppb
Cadmium	106-1	-0.03	-1.95	1.11	-0.29		ppb
Cadmium	108-1	0.98	0.61	0.75	0.78	23.71	ppb
Calcium	43-1	77.35	67.63	71.49	72.16	6.78	ppb
Calcium	44-1	76.39	69.02	72.47	72.63	5.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.66	0.67	0.76	0.70	8.00	ppb
Cobalt	59-2	0.73	0.79	0.74	0.75	3.92	ppb
Copper	63-2	1.52	1.50	1.67	1.56	5.91	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				103		%
Indium	115-2				104		%
Iron	54-2	36.53	38.14	42.50	39.06	7.91	ppb
Iron	56-2	36.43	35.95	40.72	37.70	6.96	ppb
Iron	57-2	32.32	29.66	36.00	32.66	9.74	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	N3980-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT3-	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:47:39	DataFile Name :	021AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.70	0.69	0.69	0.69	1.18	ppb
Lead	207-1	0.68	0.65	0.72	0.68	5.27	ppb
Lead	208-1	0.69	0.67	0.66	0.67	1.71	ppb
Lithium	6-1				98		%
Magnesium	24-2	78.20	75.70	79.24	77.72	2.34	ppb
Manganese	55-2	1.46	1.48	1.60	1.51	5.02	ppb
Molybdenum	94-1	1.80	1.61	1.81	1.74	6.54	ppb
Molybdenum	95-1	0.81	0.70	0.65	0.72	11.85	ppb
Molybdenum	96-1	0.91	0.82	0.75	0.83	9.71	ppb
Molybdenum	97-1	0.71	0.67	0.62	0.66	7.06	ppb
Molybdenum	98-1	0.77	0.71	0.70	0.73	5.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.68	0.73	0.79	0.74	7.44	ppb
Phosphorus	31-2	-22.55	21.61	28.04	9.03	304.92	ppb
Potassium	39-2	30.09	33.32	37.28	33.56	10.74	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	82-1	0.61	-0.09	0.62	0.38	106.78	ppb
Selenium	77-2	0.00	0.00	1.73	0.58	173.21	ppb
Selenium	78-2	0.43	0.34	0.49	0.42	17.54	ppb
Silicon	28-1	-2.16	-16.85	-9.14	-9.38		ppb
Silver	107-1	0.74	0.75	0.78	0.76	2.79	ppb
Silver	109-1	0.88	0.79	0.85	0.84	5.33	ppb
Sodium	23-2	85.20	84.54	86.61	85.45	1.24	ppb
Strontium	86-1	0.83	0.65	0.77	0.75	12.28	ppb
Strontium	88-1	0.80	0.73	0.70	0.74	6.54	ppb
Sulfur	34-1	-1956.44	-2908.37	-2385.80	-2416.87		ppb
Terbium	159-1				104		%
Terbium	159-2				110		%
Thallium	203-1	0.76	0.77	0.77	0.77	0.44	ppb
Thallium	205-1	0.80	0.76	0.70	0.75	6.42	ppb
Tin	118-1	0.72	0.57	0.61	0.63	12.22	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	N3980-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT3-	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:47:39	DataFile Name :	021AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.81	0.84	0.40	0.68	36.04	ppb
Uranium	238-1	0.65	0.64	0.63	0.64	1.46	ppb
Vanadium	51-2	0.67	0.76	0.74	0.72	6.70	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	2.38	2.05	2.46	2.29	9.47	ppb
Zirconium	90-1	0.70	0.66	0.73	0.69	5.12	ppb
Zirconium	91-1	0.77	0.65	0.61	0.68	11.81	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	N3980-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-03-QT3-2022	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:54:27	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.48	5.29	4.43	4.74	10.23	ppb
Antimony	121-1	0.24	0.25	0.23	0.24	5.98	ppb
Arsenic	75-2	0.25	0.26	0.23	0.25	6.83	ppb
Barium	135-1	1.01	1.28	1.03	1.11	13.54	ppb
Barium	137-1	1.25	1.25	1.08	1.19	8.52	ppb
Beryllium	9-1	0.27	0.25	0.25	0.26	5.08	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Boron	10-1	5.59	5.36	5.18	5.38	3.79	ppb
Boron	11-1	6.15	5.84	5.61	5.87	4.65	ppb
Bromine	81-1						cps
Cadmium	111-1	0.25	0.21	0.29	0.25	14.91	ppb
Cadmium	106-1	-2.17	-0.03	-0.28	-0.82		ppb
Cadmium	108-1	0.27	0.73	0.19	0.40	72.64	ppb
Calcium	43-1	23.63	22.04	22.45	22.71	3.64	ppb
Calcium	44-1	21.22	20.63	20.36	20.74	2.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.21	0.22	0.20	0.21	5.47	ppb
Cobalt	59-2	0.23	0.28	0.23	0.25	10.04	ppb
Copper	63-2	0.62	0.58	0.59	0.60	4.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	54-2	12.30	13.44	10.95	12.23	10.22	ppb
Iron	56-2	12.31	13.09	12.50	12.63	3.24	ppb
Iron	57-2	10.03	10.85	10.12	10.33	4.32	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	N3980-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-03-QT3-2022	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:54:27	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.26	0.22	0.23	0.23	8.23	ppb
Lead	207-1	0.26	0.26	0.21	0.24	11.25	ppb
Lead	208-1	0.24	0.23	0.22	0.23	4.15	ppb
Lithium	6-1				101		%
Magnesium	24-2	23.40	23.36	24.56	23.77	2.86	ppb
Manganese	55-2	0.41	0.54	0.45	0.46	15.28	ppb
Molybdenum	94-1	1.45	1.50	1.46	1.47	2.04	ppb
Molybdenum	95-1	1.24	1.26	1.24	1.25	0.70	ppb
Molybdenum	96-1	1.32	1.39	1.25	1.32	5.38	ppb
Molybdenum	97-1	1.26	1.34	1.27	1.29	3.39	ppb
Molybdenum	98-1	1.31	1.26	1.29	1.29	2.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.23	0.34	0.25	0.27	20.85	ppb
Phosphorus	31-2	-6.07	9.44	-29.05	-8.56		ppb
Potassium	39-2	-0.11	23.56	8.85	10.77	110.97	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	2.09	2.36	2.65	2.37	11.84	ppb
Selenium	77-2	3.40	2.70	0.88	2.32	55.84	ppb
Selenium	78-2	1.55	3.00	2.45	2.33	31.43	ppb
Silicon	28-1	-13.71	-16.71	-17.89	-16.11		ppb
Silver	107-1	0.27	0.27	0.26	0.27	2.17	ppb
Silver	109-1	0.26	0.27	0.24	0.26	6.04	ppb
Sodium	23-2	32.09	38.36	33.84	34.76	9.31	ppb
Strontium	86-1	0.25	0.37	0.29	0.30	20.61	ppb
Strontium	88-1	0.28	0.25	0.27	0.27	5.44	ppb
Sulfur	34-1	-2205.59	-2345.13	-2318.42	-2289.71		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.28	0.25	0.33	0.29	13.97	ppb
Thallium	205-1	0.30	0.29	0.29	0.29	2.67	ppb
Tin	118-1	0.15	0.15	0.18	0.16	11.08	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	N3980-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-03-QT3-2022	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:54:27	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.13	1.15	1.30	1.19	7.45	ppb
Uranium	238-1	0.21	0.22	0.19	0.21	7.56	ppb
Vanadium	51-2	0.26	0.26	0.16	0.23	27.08	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	0.30	0.49	0.54	0.44	28.60	ppb
Zirconium	90-1	0.19	0.24	0.24	0.22	12.14	ppb
Zirconium	91-1	0.27	0.28	0.21	0.26	14.86	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	N3980-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:57:42	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.01	15.45	14.70	14.72	4.92	ppb
Antimony	121-1	0.67	0.70	0.68	0.69	2.19	ppb
Arsenic	75-2	0.76	0.83	0.72	0.77	7.54	ppb
Barium	135-1	3.69	3.56	3.32	3.52	5.34	ppb
Barium	137-1	3.67	3.67	3.29	3.54	6.14	ppb
Beryllium	9-1	0.73	0.76	0.73	0.74	2.40	ppb
Bismuth	209-1				107		%
Bismuth	209-2				108		%
Boron	10-1	5.07	5.34	4.96	5.12	3.79	ppb
Boron	11-1	5.40	5.33	5.75	5.49	4.06	ppb
Bromine	81-1						cps
Cadmium	111-1	0.70	0.74	0.69	0.71	3.57	ppb
Cadmium	106-1	-1.39	0.85	-2.27	-0.94		ppb
Cadmium	108-1	0.77	0.67	0.68	0.70	7.59	ppb
Calcium	43-1	75.41	77.39	80.57	77.79	3.35	ppb
Calcium	44-1	78.09	75.90	79.30	77.76	2.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.74	0.70	0.64	0.69	6.92	ppb
Cobalt	59-2	0.67	0.73	0.76	0.72	6.36	ppb
Copper	63-2	1.38	1.51	1.42	1.44	4.74	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				104		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	54-2	34.55	33.69	35.35	34.53	2.40	ppb
Iron	56-2	37.14	36.87	36.22	36.74	1.29	ppb
Iron	57-2	31.08	35.27	38.78	35.04	11.00	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	N3980-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:57:42	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.70	0.63	0.70	0.67	5.84	ppb
Lead	207-1	0.65	0.67	0.69	0.67	3.15	ppb
Lead	208-1	0.64	0.69	0.67	0.67	3.62	ppb
Lithium	6-1				97		%
Magnesium	24-2	72.54	79.65	71.80	74.66	5.81	ppb
Manganese	55-2	1.43	1.45	1.39	1.42	2.19	ppb
Molybdenum	94-1	1.61	1.64	1.85	1.70	7.80	ppb
Molybdenum	95-1	0.75	0.57	0.79	0.71	16.42	ppb
Molybdenum	96-1	0.75	0.81	0.79	0.79	4.22	ppb
Molybdenum	97-1	0.60	0.77	0.67	0.68	12.07	ppb
Molybdenum	98-1	0.62	0.65	0.73	0.67	8.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.77	0.70	0.79	0.76	6.21	ppb
Phosphorus	31-2	-18.47	0.69	-4.46	-7.41		ppb
Potassium	39-2	31.53	37.73	35.38	34.88	8.98	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	82-1	0.88	0.38	0.72	0.66	38.81	ppb
Selenium	77-2	2.57	0.00	0.86	1.14	114.25	ppb
Selenium	78-2	-0.51	0.71	-0.07	0.05	1301.95	ppb
Silicon	28-1	-7.41	-11.33	-5.44	-8.06		ppb
Silver	107-1	0.71	0.76	0.79	0.75	5.48	ppb
Silver	109-1	0.81	0.79	0.73	0.78	5.02	ppb
Sodium	23-2	77.51	81.56	77.87	78.98	2.84	ppb
Strontium	86-1	0.62	0.78	0.82	0.74	14.20	ppb
Strontium	88-1	0.70	0.72	0.66	0.69	4.66	ppb
Sulfur	34-1	-1849.13	-1961.96	-1664.35	-1825.14		ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	0.70	0.64	0.70	0.68	5.12	ppb
Thallium	205-1	0.66	0.74	0.73	0.71	6.10	ppb
Tin	118-1	0.67	0.60	0.62	0.63	5.29	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	N3980-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:57:42	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.64	0.50	0.64	0.59	14.02	ppb
Uranium	238-1	0.57	0.67	0.64	0.63	8.38	ppb
Vanadium	51-2	0.71	0.65	0.62	0.66	6.51	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	4.05	3.51	3.49	3.68	8.54	ppb
Zirconium	90-1	0.71	0.65	0.67	0.68	4.83	ppb
Zirconium	91-1	0.73	0.63	0.74	0.70	8.07	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	N3980-09	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT3-20	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:00:54	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.70	5.26	4.76	4.91	6.22	ppb
Antimony	121-1	0.23	0.28	0.27	0.26	10.81	ppb
Arsenic	75-2	0.21	0.15	0.18	0.18	16.28	ppb
Barium	135-1	1.15	1.10	0.96	1.07	9.26	ppb
Barium	137-1	1.20	1.20	1.31	1.24	5.21	ppb
Beryllium	9-1	0.26	0.26	0.25	0.25	3.39	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	10-1	3.89	3.74	4.04	3.89	3.90	ppb
Boron	11-1	4.13	4.27	4.06	4.15	2.53	ppb
Bromine	81-1						cps
Cadmium	111-1	0.15	0.23	0.25	0.21	24.85	ppb
Cadmium	106-1	-0.93	0.53	-0.15	-0.18		ppb
Cadmium	108-1	0.42	0.24	0.25	0.30	34.16	ppb
Calcium	43-1	23.04	22.35	22.45	22.61	1.64	ppb
Calcium	44-1	21.39	22.62	19.74	21.25	6.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.23	0.17	0.23	0.21	16.81	ppb
Cobalt	59-2	0.21	0.22	0.28	0.24	15.14	ppb
Copper	63-2	0.54	0.45	0.44	0.47	11.49	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				105		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	54-2	11.18	11.10	11.54	11.27	2.06	ppb
Iron	56-2	12.06	12.44	12.56	12.35	2.12	ppb
Iron	57-2	12.11	10.53	9.09	10.58	14.30	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	N3980-09	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT3-20	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:00:54	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.29	0.28	0.19	0.25	22.06	ppb
Lead	207-1	0.27	0.25	0.27	0.26	3.65	ppb
Lead	208-1	0.26	0.26	0.24	0.25	5.40	ppb
Lithium	6-1				99		%
Magnesium	24-2	26.91	26.93	25.14	26.33	3.91	ppb
Manganese	55-2	0.47	0.41	0.41	0.43	7.92	ppb
Molybdenum	94-1	1.44	1.48	1.43	1.45	1.74	ppb
Molybdenum	95-1	1.27	1.34	1.25	1.29	3.76	ppb
Molybdenum	96-1	1.48	1.35	1.33	1.39	5.93	ppb
Molybdenum	97-1	1.26	1.35	1.22	1.28	4.95	ppb
Molybdenum	98-1	1.35	1.27	1.22	1.28	5.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.20	0.20	0.25	0.22	12.21	ppb
Phosphorus	31-2	-27.18	-76.76	-42.86	-48.93		ppb
Potassium	39-2	8.54	8.82	7.11	8.16	11.24	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	2.55	2.59	2.37	2.50	4.61	ppb
Selenium	77-2	6.98	2.67	1.77	3.80	73.17	ppb
Selenium	78-2	2.21	1.21	3.12	2.18	43.97	ppb
Silicon	28-1	-13.46	-10.59	-14.79	-12.95		ppb
Silver	107-1	0.23	0.26	0.25	0.25	4.60	ppb
Silver	109-1	0.28	0.29	0.24	0.27	9.78	ppb
Sodium	23-2	27.81	35.31	29.30	30.81	12.89	ppb
Strontium	86-1	0.19	0.21	0.27	0.22	19.17	ppb
Strontium	88-1	0.26	0.25	0.23	0.24	5.23	ppb
Sulfur	34-1	-1941.93	-1771.95	-2097.76	-1937.21		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.31	0.26	0.29	0.29	9.05	ppb
Thallium	205-1	0.29	0.27	0.31	0.29	7.69	ppb
Tin	118-1	0.19	0.21	0.15	0.18	18.96	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	N3980-09	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT3-20	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:00:54	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.24	1.05	1.02	1.10	10.74	ppb
Uranium	238-1	0.21	0.21	0.22	0.21	1.64	ppb
Vanadium	51-2	0.20	0.19	0.24	0.21	11.70	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	0.39	0.46	0.55	0.47	16.66	ppb
Zirconium	90-1	0.24	0.25	0.28	0.26	6.81	ppb
Zirconium	91-1	0.23	0.21	0.30	0.24	20.00	ppb

LB Number : LB123301 Operator : Jaswal
 Lab Sample ID : N3980-10 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
 Date & Time Acquired : 2022-12-15 12:04:34 DataFile Name : 026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.28	14.11	14.06	14.15	0.81	ppb
Antimony	121-1	0.70	0.70	0.70	0.70	0.65	ppb
Arsenic	75-2	0.67	0.56	0.79	0.67	17.22	ppb
Barium	135-1	3.62	3.44	3.28	3.45	4.96	ppb
Barium	137-1	3.68	3.55	3.50	3.57	2.62	ppb
Beryllium	9-1	0.76	0.78	0.71	0.75	4.54	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Boron	10-1	3.52	3.65	3.12	3.43	8.08	ppb
Boron	11-1	3.83	3.95	3.78	3.85	2.33	ppb
Bromine	81-1						cps
Cadmium	111-1	0.78	0.74	0.74	0.75	3.20	ppb
Cadmium	106-1	-0.71	-1.23	-0.88	-0.94		ppb
Cadmium	108-1	0.99	0.62	0.74	0.78	24.10	ppb
Calcium	43-1	67.31	66.68	61.58	65.19	4.82	ppb
Calcium	44-1	64.20	67.48	63.22	64.97	3.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.65	0.69	0.57	0.63	9.04	ppb
Cobalt	59-2	0.73	0.70	0.70	0.71	2.40	ppb
Copper	63-2	1.46	1.34	1.40	1.40	4.22	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				106		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	54-2	34.14	32.56	35.80	34.17	4.73	ppb
Iron	56-2	35.58	35.02	34.41	35.00	1.66	ppb
Iron	57-2	37.40	30.74	34.19	34.11	9.75	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	N3980-10	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:04:34	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.66	0.62	0.66	0.65	3.28	ppb
Lead	207-1	0.67	0.65	0.59	0.64	6.27	ppb
Lead	208-1	0.69	0.65	0.63	0.66	4.41	ppb
Lithium	6-1				100		%
Magnesium	24-2	75.60	71.07	72.39	73.02	3.19	ppb
Manganese	55-2	1.39	1.35	1.35	1.36	1.53	ppb
Molybdenum	94-1	1.82	1.70	1.69	1.74	4.12	ppb
Molybdenum	95-1	0.65	0.72	0.57	0.64	11.61	ppb
Molybdenum	96-1	0.87	0.77	0.82	0.82	6.41	ppb
Molybdenum	97-1	0.70	0.60	0.72	0.67	9.83	ppb
Molybdenum	98-1	0.71	0.65	0.68	0.68	4.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.78	0.59	0.61	0.66	15.41	ppb
Phosphorus	31-2	16.43	-14.59	-37.60	-11.92		ppb
Potassium	39-2	27.80	25.43	23.26	25.50	8.91	ppb
Rhodium	103-1				109		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	82-1	0.23	1.37	0.43	0.68	89.61	ppb
Selenium	77-2	0.86	2.59	0.87	1.44	69.09	ppb
Selenium	78-2	0.06	0.31	0.30	0.22	65.21	ppb
Silicon	28-1	-17.09	-13.07	-19.18	-16.45		ppb
Silver	107-1	0.79	0.76	0.74	0.76	3.41	ppb
Silver	109-1	0.82	0.71	0.70	0.74	8.64	ppb
Sodium	23-2	70.45	70.74	76.01	72.40	4.32	ppb
Strontium	86-1	0.71	0.70	0.55	0.65	13.17	ppb
Strontium	88-1	0.67	0.70	0.67	0.68	2.40	ppb
Sulfur	34-1	-2025.37	-1974.46	-2222.03	-2073.95		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.72	0.71	0.64	0.69	6.58	ppb
Thallium	205-1	0.72	0.75	0.71	0.73	2.65	ppb
Tin	118-1	0.68	0.62	0.57	0.62	9.15	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	N3980-10	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:04:34	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.61	0.51	0.66	0.59	13.30	ppb
Uranium	238-1	0.65	0.62	0.61	0.63	3.73	ppb
Vanadium	51-2	0.62	0.65	0.66	0.64	3.13	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	1.59	1.83	2.00	1.81	11.31	ppb
Zirconium	90-1	0.68	0.77	0.66	0.71	8.30	ppb
Zirconium	91-1	0.65	0.74	0.61	0.67	9.54	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	N3980-12	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-06-QT3-20	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:07:46	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.83	4.95	4.34	5.04	14.93	ppb
Antimony	121-1	0.23	0.24	0.27	0.25	7.59	ppb
Arsenic	75-2	0.23	0.27	0.14	0.21	30.54	ppb
Barium	135-1	1.11	1.18	1.13	1.14	2.88	ppb
Barium	137-1	1.11	1.30	1.23	1.21	7.65	ppb
Beryllium	9-1	0.29	0.27	0.26	0.27	5.61	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Boron	10-1	2.77	2.61	2.63	2.67	3.37	ppb
Boron	11-1	3.04	2.89	2.87	2.93	3.16	ppb
Bromine	81-1						cps
Cadmium	111-1	0.23	0.25	0.27	0.25	6.87	ppb
Cadmium	106-1	0.39	-0.99	-1.60	-0.73		ppb
Cadmium	108-1	0.31	0.07	0.31	0.23	60.25	ppb
Calcium	43-1	25.76	23.27	21.69	23.58	8.69	ppb
Calcium	44-1	20.61	20.52	19.69	20.27	2.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.24	0.15	0.21	0.20	22.92	ppb
Cobalt	59-2	0.27	0.24	0.25	0.25	6.01	ppb
Copper	63-2	0.56	0.47	0.56	0.53	9.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	54-2	16.17	13.28	12.34	13.93	14.31	ppb
Iron	56-2	13.55	12.39	12.24	12.72	5.62	ppb
Iron	57-2	10.12	11.98	11.74	11.28	8.98	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	N3980-12	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-06-QT3-20	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:07:46	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.23	0.25	0.24	0.24	4.59	ppb
Lead	207-1	0.26	0.31	0.25	0.27	10.84	ppb
Lead	208-1	0.25	0.29	0.24	0.26	10.61	ppb
Lithium	6-1				99		%
Magnesium	24-2	27.58	24.43	23.43	25.15	8.61	ppb
Manganese	55-2	0.46	0.50	0.42	0.46	8.50	ppb
Molybdenum	94-1	1.32	1.37	1.54	1.41	8.12	ppb
Molybdenum	95-1	1.20	1.20	1.34	1.25	6.64	ppb
Molybdenum	96-1	1.32	1.18	1.23	1.24	6.10	ppb
Molybdenum	97-1	1.23	1.35	1.37	1.32	6.01	ppb
Molybdenum	98-1	1.33	1.15	1.18	1.22	8.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.28	0.24	0.16	0.23	27.12	ppb
Phosphorus	31-2	-18.29	-31.68	-12.38	-20.78		ppb
Potassium	39-2	28.14	19.25	7.39	18.26	57.01	ppb
Rhodium	103-1				108		%
Rhodium	103-2				101		%
Scandium	45-1				106		%
Scandium	45-2				101		%
Selenium	82-1	2.75	2.14	2.26	2.38	13.74	ppb
Selenium	77-2	1.88	5.21	0.86	2.65	85.88	ppb
Selenium	78-2	3.44	3.53	1.26	2.74	46.93	ppb
Silicon	28-1	-14.49	-15.60	-14.54	-14.87		ppb
Silver	107-1	0.26	0.25	0.24	0.25	3.68	ppb
Silver	109-1	0.25	0.22	0.25	0.24	8.19	ppb
Sodium	23-2	32.35	27.69	26.18	28.74	11.18	ppb
Strontium	86-1	0.25	0.26	0.22	0.24	7.88	ppb
Strontium	88-1	0.24	0.21	0.25	0.24	7.71	ppb
Sulfur	34-1	-1958.35	-1986.95	-1939.93	-1961.74		ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	0.30	0.30	0.33	0.31	5.34	ppb
Thallium	205-1	0.30	0.28	0.28	0.29	4.19	ppb
Tin	118-1	0.26	0.19	0.17	0.21	20.78	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	N3980-12	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-06-QT3-20	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:07:46	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.03	1.04	0.99	1.02	2.85	ppb
Uranium	238-1	0.22	0.20	0.21	0.21	4.73	ppb
Vanadium	51-2	0.26	0.23	0.29	0.26	11.38	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				102		%
Zinc	66-2	0.39	0.22	0.46	0.36	35.60	ppb
Zirconium	90-1	0.27	0.24	0.23	0.25	8.33	ppb
Zirconium	91-1	0.19	0.20	0.26	0.22	16.91	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149525BL	Instrumnet Name :	P8
Client Sample ID :	PB149525BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:14:13	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.11	-0.19	0.31	0.00	8235.25	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	1630.57	ppb
Arsenic	75-2	0.00	0.00	0.01	0.00	1025.41	ppb
Barium	135-1	0.00	-0.01	-0.02	-0.01		ppb
Barium	137-1	0.02	0.00	0.01	0.01	72.68	ppb
Beryllium	9-1	0.01	0.01	0.00	0.01	45.03	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Boron	10-1	1.97	1.60	1.61	1.73	12.35	ppb
Boron	11-1	2.03	1.84	1.70	1.85	8.93	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	-0.05	-0.07	-0.06		ppb
Cadmium	106-1	-2.37	-2.71	-3.97	-3.02		ppb
Cadmium	108-1	0.23	0.27	0.16	0.22	25.25	ppb
Calcium	43-1	-2.15	-1.52	-2.69	-2.12		ppb
Calcium	44-1	-5.03	-4.48	-6.93	-5.48		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.02	-0.03	-0.03		ppb
Cobalt	59-2	0.01	0.00	0.01	0.00	57.04	ppb
Copper	63-2	-0.02	0.02	0.02	0.01	208.62	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				109		%
Holmium	165-2				104		%
Indium	115-1				109		%
Indium	115-2				106		%
Iron	54-2	0.34	0.71	0.27	0.44	53.57	ppb
Iron	56-2	0.08	-0.01	0.08	0.05	97.59	ppb
Iron	57-2	-2.23	-1.43	1.48	-0.73		ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149525BL	Instrumnet Name :	P8
Client Sample ID :	PB149525BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:14:13	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.04	0.00	0.02	107.11	ppb
Lead	207-1	0.05	0.02	0.04	0.03	44.19	ppb
Lead	208-1	0.04	0.03	0.01	0.03	40.69	ppb
Lithium	6-1				101		%
Magnesium	24-2	-0.26	-0.41	-0.38	-0.35		ppb
Manganese	55-2	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	94-1	0.03	0.00	0.03	0.02	90.27	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	0.04	0.00	0.02	0.02	107.09	ppb
Molybdenum	97-1	0.01	0.00	-0.01	0.00	890.19	ppb
Molybdenum	98-1	0.00	0.01	0.00	0.00	174.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.05	-0.02	-0.03		ppb
Phosphorus	31-2	-51.08	-33.74	-40.75	-41.86		ppb
Potassium	39-2	2.40	-0.92	0.08	0.52	327.97	ppb
Rhodium	103-1				110		%
Rhodium	103-2				106		%
Scandium	45-1				110		%
Scandium	45-2				104		%
Selenium	82-1	-0.64	-0.26	-0.21	-0.37		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.49	-0.81	-1.24	-0.85		ppb
Silicon	28-1	-19.18	-14.63	-30.62	-21.48		ppb
Silver	107-1	0.00	0.00	0.00	0.00	1219.84	ppb
Silver	109-1	0.00	0.01	0.00	0.00	381.88	ppb
Sodium	23-2	1.46	-3.64	0.98	-0.40		ppb
Strontium	86-1	0.01	-0.03	0.01	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	21.37	ppb
Sulfur	34-1	-2047.86	-1730.27	-2801.58	-2193.24		ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	0.05	0.04	0.04	0.04	9.41	ppb
Thallium	205-1	0.05	0.05	0.04	0.05	9.66	ppb
Tin	118-1	-0.07	-0.07	-0.11	-0.08		ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149525BL	Instrumnet Name :	P8
Client Sample ID :	PB149525BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:14:13	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.08	0.00	-0.14	-0.07		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				109		%
Yttrium	89-2				105		%
Zinc	66-2	-0.12	-0.02	-0.17	-0.10		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	69.13	ppb
Zirconium	91-1	0.01	-0.02	0.01	0.00	1067.43	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149525BS	Instrumnet Name :	P8
Client Sample ID :	PB149525BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:17:23	DataFile Name :	029LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44.34	42.12	42.71	43.05	2.67	ppb
Antimony	121-1	3.96	4.16	3.84	3.99	4.03	ppb
Arsenic	75-2	2.23	1.83	2.23	2.10	11.02	ppb
Barium	135-1	20.47	19.29	17.82	19.20	6.91	ppb
Barium	137-1	20.10	20.09	18.70	19.63	4.09	ppb
Beryllium	9-1	2.06	2.04	2.12	2.07	1.94	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	10-1	46.27	48.49	51.43	48.73	5.32	ppb
Boron	11-1	49.47	50.76	55.17	51.80	5.77	ppb
Bromine	81-1						cps
Cadmium	111-1	2.31	2.20	2.08	2.20	5.36	ppb
Cadmium	106-1	2.88	3.14	0.83	2.28	55.47	ppb
Cadmium	108-1	1.92	2.33	1.82	2.03	13.37	ppb
Calcium	43-1	1001.51	946.78	970.38	972.89	2.82	ppb
Calcium	44-1	998.94	956.70	954.59	970.07	2.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.24	4.09	4.28	4.20	2.39	ppb
Cobalt	59-2	2.10	2.01	2.06	2.06	2.16	ppb
Copper	63-2	4.25	4.26	4.26	4.26	0.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	54-2	395.69	402.35	387.63	395.22	1.86	ppb
Iron	56-2	426.71	409.57	403.81	413.36	2.88	ppb
Iron	57-2	410.69	391.64	398.90	400.41	2.40	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149525BS	Instrumnet Name :	P8
Client Sample ID :	PB149525BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:17:23	DataFile Name :	029LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.82	1.92	1.77	1.84	4.14	ppb
Lead	207-1	1.76	1.92	1.82	1.83	4.43	ppb
Lead	208-1	1.79	1.92	1.79	1.83	4.13	ppb
Lithium	6-1				101		%
Magnesium	24-2	1038.41	986.09	993.84	1006.11	2.81	ppb
Manganese	55-2	2.07	2.06	2.13	2.09	1.79	ppb
Molybdenum	94-1	5.75	5.62	5.57	5.65	1.69	ppb
Molybdenum	95-1	2.45	2.37	2.39	2.40	1.78	ppb
Molybdenum	96-1	2.76	2.78	2.74	2.76	0.80	ppb
Molybdenum	97-1	2.54	2.37	2.23	2.38	6.47	ppb
Molybdenum	98-1	2.31	2.43	2.38	2.37	2.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.35	2.41	2.38	2.38	1.12	ppb
Phosphorus	31-2	-83.83	21.63	-49.01	-37.07		ppb
Potassium	39-2	958.31	926.98	945.53	943.61	1.67	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	11.03	11.36	10.35	10.91	4.74	ppb
Selenium	77-2	14.65	10.95	10.44	12.01	19.12	ppb
Selenium	78-2	12.83	8.58	11.25	10.88	19.74	ppb
Silicon	28-1	9.84	-1.55	10.35	6.21	108.32	ppb
Silver	107-1	2.05	2.14	1.97	2.05	4.24	ppb
Silver	109-1	2.18	2.16	2.03	2.12	3.69	ppb
Sodium	23-2	1011.05	966.55	959.38	978.99	2.86	ppb
Strontium	86-1	2.07	2.44	2.12	2.21	9.08	ppb
Strontium	88-1	2.08	2.22	2.04	2.12	4.49	ppb
Sulfur	34-1	-1383.08	-1863.62	-1583.41	-1610.04		ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	1.97	2.07	2.01	2.02	2.65	ppb
Thallium	205-1	1.98	2.01	1.80	1.93	5.88	ppb
Tin	118-1	0.10	0.12	0.10	0.11	10.50	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149525BS	Instrumnet Name :	P8
Client Sample ID :	PB149525BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:17:23	DataFile Name :	029LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	10.73	9.18	9.85	9.92	7.85	ppb
Uranium	238-1	1.74	1.78	1.76	1.76	1.24	ppb
Vanadium	51-2	9.99	9.98	9.71	9.90	1.61	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	11.30	10.59	11.08	10.99	3.27	ppb
Zirconium	90-1	2.13	2.21	2.10	2.15	2.75	ppb
Zirconium	91-1	2.17	2.15	2.13	2.15	0.96	ppb

LB Number : LB123301 Operator : Jaswal
 Lab Sample ID : PB149526BL Instrumnet Name : P8
 Client Sample ID : PB149526BL Dilution Factor : 1
 Date & Time Acquired : 2022-12-15 12:20:34 DataFile Name : 030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.14	0.11	0.22	0.07	273.30	ppb
Antimony	121-1	0.00	0.01	0.00	0.00	59.96	ppb
Arsenic	75-2	-0.02	-0.02	-0.02	-0.02		ppb
Barium	135-1	-0.01	0.04	0.00	0.01	260.48	ppb
Barium	137-1	0.01	0.04	0.00	0.02	110.57	ppb
Beryllium	9-1	0.00	0.01	0.01	0.01	40.02	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	5.28	4.72	4.47	4.82	8.60	ppb
Boron	11-1	5.34	4.97	4.68	5.00	6.61	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	0.01	-0.01	-0.01		ppb
Cadmium	106-1	-1.37	1.18	-0.95	-0.38		ppb
Cadmium	108-1	-0.01	-0.05	-0.09	-0.05		ppb
Calcium	43-1	-1.15	-0.80	-0.62	-0.86		ppb
Calcium	44-1	-4.27	-3.82	-3.60	-3.90		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.01	-0.02	-0.01		ppb
Cobalt	59-2	0.00	0.01	0.01	0.00	101.70	ppb
Copper	63-2	0.04	-0.01	0.01	0.01	214.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	54-2	-0.66	0.45	-0.14	-0.12		ppb
Iron	56-2	0.26	0.31	0.27	0.28	9.00	ppb
Iron	57-2	-1.06	-0.81	-1.61	-1.16		ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149526BL	Instrumnet Name :	P8
Client Sample ID :	PB149526BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:20:34	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.00	0.05	0.03	0.03	77.10	ppb
Lead	207-1	0.03	0.06	0.01	0.03	72.28	ppb
Lead	208-1	0.03	0.05	0.03	0.04	37.84	ppb
Lithium	6-1				99		%
Magnesium	24-2	-0.10	0.08	-0.31	-0.11		ppb
Manganese	55-2	0.01	-0.01	0.01	0.00	640.84	ppb
Molybdenum	94-1	-0.02	0.02	0.00	0.00		ppb
Molybdenum	95-1	0.00	0.00	0.01	0.00	136.54	ppb
Molybdenum	96-1	0.03	0.03	0.01	0.03	39.00	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	206.95	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	177.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.00	0.00		ppb
Phosphorus	31-2	-74.59	1.42	39.17	-11.33		ppb
Potassium	39-2	-4.13	-1.77	-1.11	-2.34		ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	82-1	0.10	-0.27	-0.18	-0.12		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.17	-0.38	0.10	-0.49		ppb
Silicon	28-1	-12.10	-17.10	-10.65	-13.29		ppb
Silver	107-1	0.01	0.02	0.00	0.01	85.71	ppb
Silver	109-1	0.00	0.02	0.01	0.01	74.54	ppb
Sodium	23-2	-1.86	-4.04	-0.23	-2.04		ppb
Strontium	86-1	0.03	0.12	0.06	0.07	62.27	ppb
Strontium	88-1	0.01	0.02	0.01	0.01	56.26	ppb
Sulfur	34-1	-1424.00	-1896.30	-1432.53	-1584.28		ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	0.05	0.04	0.03	0.04	26.41	ppb
Thallium	205-1	0.04	0.04	0.05	0.05	12.68	ppb
Tin	118-1	-0.03	-0.05	-0.07	-0.05		ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149526BL	Instrumnet Name :	P8
Client Sample ID :	PB149526BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:20:34	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.06	-0.12	-0.07	-0.09		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	1224.03	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				104		%
Yttrium	89-2				105		%
Zinc	66-2	-0.01	-0.20	-0.18	-0.13		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	147.94	ppb
Zirconium	91-1	0.00	0.00	0.03	0.01	208.24	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:23:45	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51966.61	49190.52	47642.11	49599.75	4.42	ppb
Antimony	121-1	495.41	510.05	488.54	498.00	2.21	ppb
Arsenic	75-2	475.26	466.69	455.73	465.89	2.10	ppb
Barium	135-1	2526.62	2576.74	2568.34	2557.23	1.05	ppb
Barium	137-1	2502.18	2602.69	2510.48	2538.45	2.20	ppb
Beryllium	9-1	506.92	505.57	498.59	503.69	0.89	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	662.44	653.88	683.51	666.61	2.29	ppb
Boron	11-1	634.34	664.36	676.56	658.42	3.30	ppb
Bromine	81-1						cps
Cadmium	111-1	494.67	496.13	484.28	491.69	1.31	ppb
Cadmium	106-1	488.30	488.53	491.45	489.43	0.36	ppb
Cadmium	108-1	496.80	493.40	494.79	495.00	0.35	ppb
Calcium	43-1	244618.37	228636.34	235070.41	236108.37	3.41	ppb
Calcium	44-1	244710.77	228468.76	241002.92	238060.82	3.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	482.23	479.50	472.92	478.22	1.00	ppb
Cobalt	59-2	476.39	470.25	461.66	469.44	1.58	ppb
Copper	63-2	5150.93	5014.39	4900.74	5022.02	2.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				109		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	54-2	119219.96	121015.24	117998.12	119411.11	1.27	ppb
Iron	56-2	125483.36	120746.99	121095.36	122441.90	2.16	ppb
Iron	57-2	121833.39	118851.53	117147.27	119277.40	1.99	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:23:45	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2554.82	2687.75	2603.56	2615.38	2.57	ppb
Lead	207-1	2494.35	2546.37	2625.51	2555.41	2.58	ppb
Lead	208-1	2515.48	2615.13	2602.45	2577.69	2.10	ppb
Lithium	6-1				98		%
Magnesium	24-2	252561.16	247071.69	239434.41	246355.75	2.68	ppb
Manganese	55-2	4908.17	4909.64	5018.06	4945.29	1.27	ppb
Molybdenum	94-1	4905.71	4912.77	4958.46	4925.65	0.58	ppb
Molybdenum	95-1	5018.10	5033.90	4984.40	5012.13	0.50	ppb
Molybdenum	96-1	5203.31	5014.71	5132.99	5117.00	1.86	ppb
Molybdenum	97-1	5134.98	4869.79	5123.49	5042.75	2.97	ppb
Molybdenum	98-1	4996.43	4794.71	5093.23	4961.46	3.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.77	495.28	486.16	492.40	1.10	ppb
Phosphorus	31-2	9631.76	9704.72	9434.80	9590.43	1.46	ppb
Potassium	39-2	117670.99	114334.39	116975.39	116326.92	1.51	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	82-1	500.57	484.12	495.03	493.24	1.70	ppb
Selenium	77-2	510.36	469.06	474.44	484.62	4.63	ppb
Selenium	78-2	506.49	478.54	465.82	483.61	4.30	ppb
Silicon	28-1	2304.39	2178.96	2240.33	2241.23	2.80	ppb
Silver	107-1	482.05	491.71	495.84	489.86	1.44	ppb
Silver	109-1	506.22	500.92	495.38	500.84	1.08	ppb
Sodium	23-2	248968.23	241568.52	234956.97	241831.24	2.90	ppb
Strontium	86-1	12998.31	12586.82	12568.86	12718.00	1.91	ppb
Strontium	88-1	12583.49	12169.83	12394.81	12382.71	1.67	ppb
Sulfur	34-1	11828.20	10600.96	10710.00	11046.39	6.15	ppb
Terbium	159-1				111		%
Terbium	159-2				112		%
Thallium	203-1	532.91	555.54	541.14	543.20	2.11	ppb
Thallium	205-1	531.27	543.56	521.78	532.20	2.05	ppb
Tin	118-1	517.18	507.10	507.45	510.58	1.12	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:23:45	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5129.14	4871.31	5121.67	5040.71	2.91	ppb
Uranium	238-1	527.17	523.95	522.45	524.52	0.46	ppb
Vanadium	51-2	500.17	493.89	491.64	495.23	0.89	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	4572.93	4682.32	4491.71	4582.32	2.09	ppb
Zirconium	90-1	516.56	527.90	515.26	519.91	1.34	ppb
Zirconium	91-1	503.40	502.58	505.43	503.80	0.29	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P8
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:32:51	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.23	0.30	0.26	0.26	14.03	ppb
Antimony	121-1	0.04	0.02	0.06	0.04	49.96	ppb
Arsenic	75-2	-0.02	-0.02	-0.02	-0.02		ppb
Barium	135-1	0.05	0.01	0.00	0.02	124.83	ppb
Barium	137-1	0.09	0.02	0.04	0.05	69.05	ppb
Beryllium	9-1	0.03	0.02	0.02	0.02	27.06	ppb
Bismuth	209-1				111		%
Bismuth	209-2				107		%
Boron	10-1	10.69	9.69	9.28	9.89	7.37	ppb
Boron	11-1	11.16	10.40	10.48	10.68	3.93	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	-0.06	-0.02	-0.03		ppb
Cadmium	106-1	-1.19	-4.02	-2.30	-2.50		ppb
Cadmium	108-1	0.16	0.07	0.02	0.08	88.79	ppb
Calcium	43-1	3.42	1.72	1.59	2.25	45.38	ppb
Calcium	44-1	4.14	0.04	-1.63	0.85	348.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.01	-0.03	-0.01		ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	41.13	ppb
Copper	63-2	0.06	0.13	0.07	0.09	45.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	54-2	2.31	1.22	0.65	1.39	60.73	ppb
Iron	56-2	1.50	1.57	0.92	1.33	26.80	ppb
Iron	57-2	1.44	1.72	-0.64	0.84	153.69	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P8
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:32:51	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.13	0.05	0.07	0.09	50.49	ppb
Lead	207-1	0.14	0.09	0.02	0.08	68.90	ppb
Lead	208-1	0.12	0.07	0.05	0.08	46.71	ppb
Lithium	6-1				98		%
Magnesium	24-2	4.53	2.02	1.89	2.81	52.91	ppb
Manganese	55-2	0.06	0.03	0.06	0.05	30.09	ppb
Molybdenum	94-1	0.14	0.06	0.09	0.10	41.02	ppb
Molybdenum	95-1	0.22	0.06	0.08	0.12	69.59	ppb
Molybdenum	96-1	0.17	0.08	0.08	0.11	45.80	ppb
Molybdenum	97-1	0.18	0.04	0.08	0.10	69.10	ppb
Molybdenum	98-1	0.19	0.05	0.06	0.10	78.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.02	0.00	0.01	192.43	ppb
Phosphorus	31-2	-29.40	-14.26	10.29	-11.13		ppb
Potassium	39-2	-2.26	1.71	-12.74	-4.43		ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	82-1	-0.03	-0.40	0.23	-0.07		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.95	-0.25	0.39	-0.27		ppb
Silicon	28-1	-22.09	-11.98	-25.68	-19.92		ppb
Silver	107-1	0.03	0.03	0.01	0.02	50.46	ppb
Silver	109-1	0.03	0.02	0.02	0.02	32.89	ppb
Sodium	23-2	15.55	11.98	8.53	12.02	29.25	ppb
Strontium	86-1	0.36	0.21	0.09	0.22	62.19	ppb
Strontium	88-1	0.36	0.12	0.14	0.20	65.29	ppb
Sulfur	34-1	-3208.91	-2815.35	-3543.37	-3189.21		ppb
Terbium	159-1				109		%
Terbium	159-2				109		%
Thallium	203-1	0.06	0.06	0.05	0.06	14.93	ppb
Thallium	205-1	0.04	0.05	0.06	0.05	19.81	ppb
Tin	118-1	-0.04	-0.04	-0.08	-0.05		ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P8
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:32:51	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.15	-0.02	0.03	0.05	172.05	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	44.80	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	119.28	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				103		%
Zinc	66-2	-0.01	-0.06	-0.07	-0.05		ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	7.02	ppb
Zirconium	91-1	0.01	0.01	0.00	0.01	68.92	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149526BS	Instrumnet Name :	P8
Client Sample ID :	PB149526BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:38:27	DataFile Name :	033LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43.87	42.19	39.55	41.87	5.20	ppb
Antimony	121-1	4.10	3.88	4.05	4.01	2.82	ppb
Arsenic	75-2	2.04	2.34	2.11	2.16	7.37	ppb
Barium	135-1	19.78	18.37	19.12	19.09	3.71	ppb
Barium	137-1	20.67	19.52	20.07	20.08	2.86	ppb
Beryllium	9-1	2.28	2.12	2.11	2.17	4.50	ppb
Bismuth	209-1				110		%
Bismuth	209-2				109		%
Boron	10-1	50.65	53.48	54.34	52.82	3.66	ppb
Boron	11-1	58.24	58.35	57.93	58.18	0.37	ppb
Bromine	81-1						cps
Cadmium	111-1	2.16	2.11	2.26	2.18	3.68	ppb
Cadmium	106-1	0.35	0.07	-0.45	-0.01		ppb
Cadmium	108-1	2.17	1.91	1.43	1.84	20.41	ppb
Calcium	43-1	964.74	969.28	907.75	947.26	3.62	ppb
Calcium	44-1	993.41	987.51	917.00	965.97	4.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.19	4.16	4.08	4.14	1.44	ppb
Cobalt	59-2	2.05	2.03	1.93	2.00	3.35	ppb
Copper	63-2	4.37	4.22	4.00	4.20	4.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				108		%
Indium	115-1				110		%
Indium	115-2				106		%
Iron	54-2	406.21	398.26	381.31	395.26	3.22	ppb
Iron	56-2	412.92	416.51	396.16	408.53	2.66	ppb
Iron	57-2	400.28	397.37	386.59	394.75	1.83	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149526BS	Instrumnet Name :	P8
Client Sample ID :	PB149526BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:38:27	DataFile Name :	033LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.83	1.70	1.88	1.80	5.30	ppb
Lead	207-1	1.94	1.85	1.94	1.91	2.80	ppb
Lead	208-1	1.86	1.85	1.84	1.85	0.51	ppb
Lithium	6-1				100		%
Magnesium	24-2	1046.04	1024.22	974.11	1014.79	3.63	ppb
Manganese	55-2	1.96	2.35	2.01	2.10	10.25	ppb
Molybdenum	94-1	5.66	5.67	5.56	5.63	1.12	ppb
Molybdenum	95-1	2.46	2.56	2.41	2.48	3.23	ppb
Molybdenum	96-1	2.88	3.05	2.69	2.87	6.33	ppb
Molybdenum	97-1	2.58	2.52	2.31	2.47	5.66	ppb
Molybdenum	98-1	2.39	2.52	2.44	2.45	2.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.42	2.11	2.27	2.26	6.86	ppb
Phosphorus	31-2	-11.14	11.35	-52.65	-17.48		ppb
Potassium	39-2	955.54	956.57	898.92	937.01	3.52	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				107		%
Scandium	45-2				104		%
Selenium	82-1	11.26	9.79	10.92	10.66	7.25	ppb
Selenium	77-2	15.38	9.47	6.03	10.29	45.95	ppb
Selenium	78-2	11.58	10.44	10.54	10.85	5.82	ppb
Silicon	28-1	5.95	6.02	-11.15	0.27	3617.22	ppb
Silver	107-1	2.08	2.02	2.03	2.04	1.55	ppb
Silver	109-1	2.00	2.09	2.11	2.07	2.75	ppb
Sodium	23-2	1005.23	978.04	964.94	982.73	2.09	ppb
Strontium	86-1	2.19	2.19	2.04	2.14	3.98	ppb
Strontium	88-1	2.18	2.19	2.24	2.20	1.57	ppb
Sulfur	34-1	-2468.37	-2643.17	-3112.17	-2741.24		ppb
Terbium	159-1				108		%
Terbium	159-2				112		%
Thallium	203-1	1.95	1.94	1.89	1.92	1.79	ppb
Thallium	205-1	1.96	1.93	1.88	1.92	2.01	ppb
Tin	118-1	0.09	0.08	0.10	0.09	11.62	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149526BS	Instrumnet Name :	P8
Client Sample ID :	PB149526BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:38:27	DataFile Name :	033LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	10.29	9.81	9.62	9.91	3.48	ppb
Uranium	238-1	1.79	1.84	1.78	1.81	1.59	ppb
Vanadium	51-2	10.07	9.88	9.62	9.86	2.30	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	11.11	10.10	10.43	10.55	4.93	ppb
Zirconium	90-1	2.12	2.08	2.16	2.12	1.90	ppb
Zirconium	91-1	2.11	2.05	2.09	2.08	1.54	ppb

LB Number : LB123301 Operator : Jaswal
 Lab Sample ID : N4239-02 Instrumnet Name : P8
 Client Sample ID : MDL-WATER-QT3-2022- Dilution Factor : 1
 Date & Time Acquired : 2022-12-15 12:43:06 DataFile Name : 034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.31	9.54	9.94	9.93	3.88	ppb
Antimony	121-1	0.77	0.77	0.69	0.74	6.10	ppb
Arsenic	75-2	0.47	0.38	0.37	0.41	13.15	ppb
Barium	135-1	3.57	3.67	3.15	3.47	7.90	ppb
Barium	137-1	3.80	3.80	3.60	3.73	3.08	ppb
Beryllium	9-1	0.46	0.47	0.42	0.45	5.57	ppb
Bismuth	209-1				110		%
Bismuth	209-2				108		%
Boron	10-1	14.94	15.09	15.68	15.23	2.56	ppb
Boron	11-1	16.11	15.74	15.79	15.88	1.28	ppb
Bromine	81-1						cps
Cadmium	111-1	0.45	0.37	0.34	0.39	15.06	ppb
Cadmium	106-1	0.25	-2.13	-1.69	-1.19		ppb
Cadmium	108-1	0.38	0.51	0.77	0.55	35.81	ppb
Calcium	43-1	174.20	180.48	176.17	176.95	1.81	ppb
Calcium	44-1	183.42	183.66	181.87	182.98	0.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.73	0.76	0.71	0.73	3.85	ppb
Cobalt	59-2	0.38	0.38	0.37	0.37	1.44	ppb
Copper	63-2	0.73	0.74	0.78	0.75	3.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				110		%
Indium	115-2				107		%
Iron	54-2	75.64	77.88	76.82	76.78	1.46	ppb
Iron	56-2	78.13	79.75	75.51	77.80	2.75	ppb
Iron	57-2	75.12	68.30	71.45	71.62	4.76	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	N4239-02	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-QT3-2022-	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:43:06	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.37	0.37	0.38	0.37	1.56	ppb
Lead	207-1	0.39	0.41	0.34	0.38	9.40	ppb
Lead	208-1	0.38	0.38	0.36	0.37	2.31	ppb
Lithium	6-1				100		%
Magnesium	24-2	185.88	204.98	203.19	198.01	5.33	ppb
Manganese	55-2	0.42	0.36	0.34	0.37	11.23	ppb
Molybdenum	94-1	2.32	2.29	2.16	2.26	3.93	ppb
Molybdenum	95-1	1.84	1.88	1.87	1.86	1.24	ppb
Molybdenum	96-1	1.87	2.03	2.03	1.98	4.51	ppb
Molybdenum	97-1	2.13	2.15	1.90	2.06	6.70	ppb
Molybdenum	98-1	1.96	1.88	1.89	1.91	2.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.37	0.36	0.39	0.37	4.72	ppb
Phosphorus	31-2	-7.19	-20.17	-51.76	-26.38		ppb
Potassium	39-2	161.72	185.04	174.98	173.91	6.73	ppb
Rhodium	103-1				110		%
Rhodium	103-2				107		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	82-1	3.89	2.79	2.80	3.16	20.11	ppb
Selenium	77-2	5.82	5.18	1.70	4.23	52.44	ppb
Selenium	78-2	2.24	2.84	2.23	2.44	14.21	ppb
Silicon	28-1	-14.39	-14.38	-14.81	-14.53		ppb
Silver	107-1	0.38	0.39	0.42	0.39	5.02	ppb
Silver	109-1	0.41	0.41	0.46	0.42	6.65	ppb
Sodium	23-2	182.07	192.88	198.33	191.09	4.33	ppb
Strontium	86-1	0.40	0.44	0.40	0.41	5.60	ppb
Strontium	88-1	0.45	0.36	0.36	0.39	12.77	ppb
Sulfur	34-1	-2583.55	-2595.64	-2710.47	-2629.89		ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	0.43	0.37	0.40	0.40	8.23	ppb
Thallium	205-1	0.38	0.41	0.42	0.40	5.39	ppb
Tin	118-1	2.01	1.84	1.83	1.90	5.24	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	N4239-02	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-QT3-2022-	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:43:06	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.12	1.72	1.86	1.90	10.62	ppb
Uranium	238-1	0.35	0.33	0.35	0.34	4.12	ppb
Vanadium	51-2	1.77	1.86	1.94	1.86	4.81	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				107		%
Zinc	66-2	1.06	1.06	1.02	1.05	1.94	ppb
Zirconium	90-1	0.39	0.43	0.36	0.39	9.34	ppb
Zirconium	91-1	0.45	0.41	0.41	0.42	5.68	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	N4239-04	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT3-2022-06	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:46:47	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.41	8.40	7.10	7.64	8.91	ppb
Antimony	121-1	0.76	0.83	0.78	0.79	4.03	ppb
Arsenic	75-2	0.46	0.34	0.36	0.38	16.32	ppb
Barium	135-1	3.66	3.95	3.66	3.76	4.48	ppb
Barium	137-1	3.77	3.72	3.76	3.75	0.63	ppb
Beryllium	9-1	0.43	0.49	0.45	0.46	6.88	ppb
Bismuth	209-1				109		%
Bismuth	209-2				109		%
Boron	10-1	13.52	14.22	14.13	13.96	2.74	ppb
Boron	11-1	14.20	15.59	14.53	14.77	4.91	ppb
Bromine	81-1						cps
Cadmium	111-1	0.40	0.39	0.41	0.40	2.78	ppb
Cadmium	106-1	0.39	-2.53	-0.41	-0.85		ppb
Cadmium	108-1	0.55	0.64	0.58	0.59	8.06	ppb
Calcium	43-1	185.63	196.70	170.32	184.22	7.19	ppb
Calcium	44-1	187.45	200.06	176.31	187.94	6.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.74	0.71	0.68	0.71	4.09	ppb
Cobalt	59-2	0.40	0.41	0.39	0.40	3.29	ppb
Copper	63-2	0.83	0.83	0.74	0.80	6.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				111		%
Indium	115-2				107		%
Iron	54-2	79.07	80.30	73.23	77.53	4.87	ppb
Iron	56-2	81.08	77.89	76.24	78.40	3.14	ppb
Iron	57-2	81.70	70.79	71.45	74.65	8.20	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	N4239-04	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT3-2022-06	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:46:47	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.40	0.41	0.38	0.40	3.82	ppb
Lead	207-1	0.39	0.38	0.33	0.36	9.51	ppb
Lead	208-1	0.40	0.40	0.35	0.38	6.30	ppb
Lithium	6-1				100		%
Magnesium	24-2	204.98	196.16	186.51	195.88	4.72	ppb
Manganese	55-2	0.38	0.40	0.33	0.37	9.03	ppb
Molybdenum	94-1	2.68	2.37	2.29	2.45	8.40	ppb
Molybdenum	95-1	1.93	2.02	1.86	1.94	4.02	ppb
Molybdenum	96-1	2.02	2.10	1.88	2.00	5.70	ppb
Molybdenum	97-1	2.16	1.99	1.98	2.04	5.02	ppb
Molybdenum	98-1	2.13	2.00	2.01	2.05	3.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.43	0.35	0.32	0.37	16.07	ppb
Phosphorus	31-2	-37.46	-25.29	-89.22	-50.66		ppb
Potassium	39-2	176.31	169.72	171.17	172.40	2.01	ppb
Rhodium	103-1				111		%
Rhodium	103-2				107		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	82-1	3.26	3.43	2.58	3.09	14.53	ppb
Selenium	77-2	1.66	0.86	1.69	1.40	33.75	ppb
Selenium	78-2	2.39	1.85	2.21	2.15	12.88	ppb
Silicon	28-1	-17.99	-6.87	-24.07	-16.31		ppb
Silver	107-1	0.41	0.43	0.41	0.42	2.74	ppb
Silver	109-1	0.44	0.45	0.43	0.44	3.02	ppb
Sodium	23-2	201.28	187.34	187.22	191.95	4.21	ppb
Strontium	86-1	0.45	0.39	0.44	0.43	7.92	ppb
Strontium	88-1	0.42	0.43	0.42	0.42	1.57	ppb
Sulfur	34-1	-2667.97	-1915.53	-3018.87	-2534.12		ppb
Terbium	159-1				109		%
Terbium	159-2				112		%
Thallium	203-1	0.42	0.42	0.40	0.41	3.53	ppb
Thallium	205-1	0.42	0.37	0.39	0.39	5.67	ppb
Tin	118-1	2.01	1.91	1.90	1.94	3.29	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	N4239-04	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT3-2022-06	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:46:47	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.18	2.06	1.52	1.92	18.20	ppb
Uranium	238-1	0.35	0.34	0.29	0.33	9.47	ppb
Vanadium	51-2	2.04	1.89	1.83	1.92	5.79	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	0.82	0.62	0.78	0.74	14.33	ppb
Zirconium	90-1	0.39	0.41	0.38	0.39	4.49	ppb
Zirconium	91-1	0.41	0.43	0.40	0.41	3.93	ppb

LB Number : LB123301 Operator : Jaswal
 Lab Sample ID : PB149508BL Instrumnet Name : P8
 Client Sample ID : PB149508BL Dilution Factor : 1
 Date & Time Acquired : 2022-12-15 12:49:57 DataFile Name : 036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.18	-0.21	0.23	0.06	377.87	ppb
Antimony	121-1	0.00	0.00	0.01	0.00	170.75	ppb
Arsenic	75-2	-0.01	0.01	-0.02	-0.01		ppb
Barium	135-1	-0.01	0.00	0.01	0.00		ppb
Barium	137-1	0.02	0.02	0.00	0.01	64.15	ppb
Beryllium	9-1	0.02	0.01	0.01	0.01	43.28	ppb
Bismuth	209-1				109		%
Bismuth	209-2				110		%
Boron	10-1	3.98	4.10	4.07	4.05	1.59	ppb
Boron	11-1	4.51	4.57	4.09	4.39	6.04	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	-0.04	-0.03	-0.03		ppb
Cadmium	106-1	-0.86	-1.44	-1.38	-1.23		ppb
Cadmium	108-1	-0.05	0.11	0.07	0.04	191.52	ppb
Calcium	43-1	-0.30	-0.70	-0.37	-0.45		ppb
Calcium	44-1	-2.45	-3.38	-3.88	-3.24		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.03	0.00	-0.02		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	161.29	ppb
Copper	63-2	0.00	-0.03	-0.04	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	54-2	1.22	-1.04	-0.34	-0.05		ppb
Iron	56-2	0.20	0.14	0.17	0.17	15.36	ppb
Iron	57-2	-2.06	1.97	-0.58	-0.22		ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149508BL	Instrumnet Name :	P8
Client Sample ID :	PB149508BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:49:57	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.01	0.02	0.04	0.02	55.94	ppb
Lead	207-1	0.05	0.03	0.01	0.03	77.19	ppb
Lead	208-1	0.04	0.03	0.02	0.03	37.76	ppb
Lithium	6-1				102		%
Magnesium	24-2	-0.27	1.05	-0.26	0.17	438.25	ppb
Manganese	55-2	0.02	-0.01	0.00	0.00	585.02	ppb
Molybdenum	94-1	0.06	0.02	-0.03	0.02	261.77	ppb
Molybdenum	95-1	-0.01	0.02	0.01	0.01	148.57	ppb
Molybdenum	96-1	0.01	0.03	0.03	0.02	50.72	ppb
Molybdenum	97-1	0.02	0.00	0.00	0.01	126.79	ppb
Molybdenum	98-1	0.00	0.01	0.00	0.00	155.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.01	-0.03	-0.01		ppb
Phosphorus	31-2	7.52	-37.18	-43.84	-24.50		ppb
Potassium	39-2	2.02	-2.44	-1.82	-0.75		ppb
Rhodium	103-1				112		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	82-1	-0.37	-0.16	-0.07	-0.20		ppb
Selenium	77-2	0.00	0.86	0.00	0.29	173.21	ppb
Selenium	78-2	-0.97	-0.46	-0.12	-0.52		ppb
Silicon	28-1	-14.97	-16.93	-20.33	-17.41		ppb
Silver	107-1	0.01	0.00	0.00	0.01	53.86	ppb
Silver	109-1	0.01	0.01	0.00	0.00	35.73	ppb
Sodium	23-2	-3.57	0.01	0.33	-1.08		ppb
Strontium	86-1	0.00	0.09	0.01	0.03	136.82	ppb
Strontium	88-1	0.01	0.00	0.01	0.01	56.96	ppb
Sulfur	34-1	-2094.14	-2292.25	-2576.90	-2321.10		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.02	0.04	0.03	0.03	20.42	ppb
Thallium	205-1	0.02	0.04	0.02	0.03	29.12	ppb
Tin	118-1	-0.08	-0.06	-0.07	-0.07		ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149508BL	Instrumnet Name :	P8
Client Sample ID :	PB149508BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:49:57	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.03	-0.05	-0.11	-0.04		ppb
Uranium	238-1	0.00	0.00	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				110		%
Yttrium	89-2				105		%
Zinc	66-2	-0.15	-0.17	-0.09	-0.14		ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	91.20	ppb
Zirconium	91-1	0.01	0.00	0.02	0.01	122.42	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149508BS	Instrumnet Name :	P8
Client Sample ID :	PB149508BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:53:08	DataFile Name :	037LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10113.39	9734.80	9353.27	9733.82	3.90	ppb
Antimony	121-1	523.49	531.80	504.59	519.96	2.68	ppb
Arsenic	75-2	498.33	483.68	478.26	486.76	2.13	ppb
Barium	135-1	2581.34	2634.31	2658.46	2624.71	1.50	ppb
Barium	137-1	2558.06	2559.75	2484.34	2534.05	1.70	ppb
Beryllium	9-1	519.68	513.37	497.70	510.25	2.22	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Boron	10-1	632.47	647.49	680.80	653.59	3.79	ppb
Boron	11-1	608.89	709.97	691.84	670.23	8.04	ppb
Bromine	81-1						cps
Cadmium	111-1	525.91	516.58	511.49	517.99	1.41	ppb
Cadmium	106-1	522.41	526.88	501.84	517.04	2.58	ppb
Cadmium	108-1	526.07	524.65	497.99	516.23	3.06	ppb
Calcium	43-1	53792.46	54308.11	52576.75	53559.11	1.66	ppb
Calcium	44-1	51119.14	52163.42	51889.50	51724.02	1.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	484.14	479.58	449.33	471.02	4.02	ppb
Cobalt	59-2	490.10	475.41	459.47	474.99	3.23	ppb
Copper	63-2	5065.82	5016.23	4634.31	4905.45	4.81	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				114		%
Holmium	165-2				110		%
Indium	115-1				110		%
Indium	115-2				108		%
Iron	54-2	26187.77	25735.88	24188.98	25370.88	4.13	ppb
Iron	56-2	25919.19	26199.81	24249.27	25456.09	4.14	ppb
Iron	57-2	24529.38	24399.03	23432.14	24120.18	2.49	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149508BS	Instrumnet Name :	P8
Client Sample ID :	PB149508BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:53:08	DataFile Name :	037LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2529.64	2487.07	2293.67	2436.79	5.16	ppb
Lead	207-1	2513.27	2505.80	2355.47	2458.18	3.62	ppb
Lead	208-1	2543.18	2524.35	2346.54	2471.36	4.39	ppb
Lithium	6-1				101		%
Magnesium	24-2	52145.66	52035.78	48940.80	51040.74	3.56	ppb
Manganese	55-2	5112.86	4947.72	4740.24	4933.60	3.78	ppb
Molybdenum	94-1	5130.48	4952.91	4891.72	4991.70	2.48	ppb
Molybdenum	95-1	4984.33	5009.60	4955.50	4983.14	0.54	ppb
Molybdenum	96-1	4928.97	4994.65	5076.22	4999.95	1.48	ppb
Molybdenum	97-1	5058.61	4979.09	4991.66	5009.79	0.85	ppb
Molybdenum	98-1	5044.43	5116.31	4963.82	5041.52	1.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	511.64	496.22	478.43	495.43	3.35	ppb
Phosphorus	31-2	9786.92	9951.23	9289.11	9675.76	3.56	ppb
Potassium	39-2	24850.52	24029.49	23295.83	24058.61	3.23	ppb
Rhodium	103-1				109		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				108		%
Selenium	82-1	522.99	510.12	514.79	515.97	1.26	ppb
Selenium	77-2	515.40	466.16	460.21	480.59	6.30	ppb
Selenium	78-2	501.90	499.01	488.92	496.61	1.37	ppb
Silicon	28-1	2244.85	2282.94	2147.01	2224.93	3.15	ppb
Silver	107-1	518.03	510.02	504.99	511.01	1.29	ppb
Silver	109-1	529.22	545.39	507.35	527.32	3.62	ppb
Sodium	23-2	49630.51	48317.32	46676.65	48208.16	3.07	ppb
Strontium	86-1	12600.80	12663.67	12946.90	12737.12	1.45	ppb
Strontium	88-1	12607.04	12767.55	12642.78	12672.46	0.66	ppb
Sulfur	34-1	12148.93	11788.96	11027.55	11655.15	4.91	ppb
Terbium	159-1				111		%
Terbium	159-2				114		%
Thallium	203-1	522.05	505.78	478.41	502.08	4.39	ppb
Thallium	205-1	523.42	509.67	468.73	500.61	5.68	ppb
Tin	118-1	512.67	510.92	503.00	508.86	1.01	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149508BS	Instrumnet Name :	P8
Client Sample ID :	PB149508BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:53:08	DataFile Name :	037LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5157.65	5151.27	5044.58	5117.83	1.24	ppb
Uranium	238-1	485.38	497.01	466.72	483.04	3.16	ppb
Vanadium	51-2	501.83	491.60	475.70	489.71	2.69	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	4931.57	4848.75	4550.85	4777.06	4.19	ppb
Zirconium	90-1	510.99	508.02	503.41	507.47	0.75	ppb
Zirconium	91-1	496.14	489.96	494.83	493.64	0.66	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149518BL	Instrumnet Name :	P8
Client Sample ID :	PB149518BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 13:01:28	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.36	0.04	0.06	-0.09		ppb
Antimony	121-1	0.02	0.04	0.10	0.05	79.88	ppb
Arsenic	75-2	-0.01	-0.02	-0.02	-0.02		ppb
Barium	135-1	0.00	0.09	0.14	0.08	88.17	ppb
Barium	137-1	0.02	0.13	0.14	0.10	71.02	ppb
Beryllium	9-1	0.01	0.02	0.04	0.02	60.95	ppb
Bismuth	209-1				114		%
Bismuth	209-2				107		%
Boron	10-1	11.44	12.43	12.19	12.02	4.30	ppb
Boron	11-1	11.81	13.23	13.11	12.72	6.18	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	-0.04	-0.03	-0.03		ppb
Cadmium	106-1	-0.99	-4.35	-3.43	-2.92		ppb
Cadmium	108-1	0.18	0.07	-0.01	0.08	120.83	ppb
Calcium	43-1	-1.56	0.53	1.12	0.03	4773.09	ppb
Calcium	44-1	-7.31	-0.56	0.60	-2.43		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.05	-0.03	-0.01	-0.03		ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	100.07	ppb
Copper	63-2	0.02	0.02	0.05	0.03	43.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				105		%
Indium	115-1				113		%
Indium	115-2				104		%
Iron	54-2	1.91	1.40	-0.68	0.88	156.57	ppb
Iron	56-2	0.35	0.30	0.33	0.33	7.59	ppb
Iron	57-2	-0.57	-1.46	1.99	-0.01		ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149518BL	Instrumnet Name :	P8
Client Sample ID :	PB149518BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 13:01:28	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.01	0.14	0.15	0.10	80.12	ppb
Lead	207-1	0.02	0.13	0.16	0.11	70.51	ppb
Lead	208-1	0.01	0.14	0.17	0.10	79.27	ppb
Lithium	6-1				106		%
Magnesium	24-2	-0.20	0.31	-0.56	-0.15		ppb
Manganese	55-2	0.01	0.02	-0.01	0.01	180.30	ppb
Molybdenum	94-1	0.06	0.17	0.37	0.20	77.94	ppb
Molybdenum	95-1	0.01	0.12	0.25	0.13	93.32	ppb
Molybdenum	96-1	0.05	0.19	0.34	0.19	73.21	ppb
Molybdenum	97-1	0.07	0.19	0.27	0.18	58.63	ppb
Molybdenum	98-1	0.04	0.16	0.31	0.17	82.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	-0.02	-0.01		ppb
Phosphorus	31-2	-11.60	-15.06	-47.27	-24.64		ppb
Potassium	39-2	-2.11	-12.76	1.08	-4.60		ppb
Rhodium	103-1				112		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				103		%
Selenium	82-1	0.07	0.19	0.04	0.10	81.04	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.43	-0.11	-1.18	-0.29		ppb
Silicon	28-1	-37.12	-13.59	-12.37	-21.03		ppb
Silver	107-1	0.03	0.03	0.05	0.04	19.76	ppb
Silver	109-1	0.02	0.03	0.05	0.04	49.86	ppb
Sodium	23-2	4.75	7.04	3.19	4.99	38.77	ppb
Strontium	86-1	-0.10	0.36	0.85	0.37	129.00	ppb
Strontium	88-1	0.03	0.37	0.73	0.38	93.14	ppb
Sulfur	34-1	-4132.84	-2890.37	-2913.47	-3312.23		ppb
Terbium	159-1				114		%
Terbium	159-2				105		%
Thallium	203-1	0.02	0.03	0.05	0.03	34.97	ppb
Thallium	205-1	0.03	0.05	0.05	0.04	30.74	ppb
Tin	118-1	-0.09	-0.06	-0.05	-0.07		ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149518BL	Instrumnet Name :	P8
Client Sample ID :	PB149518BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 13:01:28	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.10	0.04	0.23	0.05	307.70	ppb
Uranium	238-1	0.00	0.02	0.03	0.02	95.36	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	189.58	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				105		%
Zinc	66-2	-0.14	-0.01	0.04	-0.04		ppb
Zirconium	90-1	0.00	0.02	0.04	0.02	85.85	ppb
Zirconium	91-1	0.01	0.03	0.01	0.02	58.90	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149518BS	Instrumnet Name :	P8
Client Sample ID :	PB149518BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 13:04:38	DataFile Name :	039LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10049.54	10049.94	9500.04	9866.50	3.22	ppb
Antimony	121-1	521.77	526.65	514.82	521.08	1.14	ppb
Arsenic	75-2	508.00	499.21	475.70	494.30	3.38	ppb
Barium	135-1	2591.56	2646.99	2523.16	2587.24	2.40	ppb
Barium	137-1	2670.75	2593.68	2521.18	2595.21	2.88	ppb
Beryllium	9-1	509.26	528.65	536.16	524.69	2.65	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Boron	10-1	644.03	657.55	705.29	668.96	4.81	ppb
Boron	11-1	611.17	680.32	681.65	657.71	6.13	ppb
Bromine	81-1						cps
Cadmium	111-1	523.87	524.77	511.48	520.04	1.43	ppb
Cadmium	106-1	529.93	530.95	493.63	518.17	4.10	ppb
Cadmium	108-1	514.41	508.91	501.61	508.31	1.26	ppb
Calcium	43-1	55319.98	54060.82	50817.25	53399.35	4.35	ppb
Calcium	44-1	52686.34	52536.42	49498.10	51573.62	3.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	491.85	481.89	466.20	479.98	2.69	ppb
Cobalt	59-2	482.76	491.08	460.54	478.13	3.30	ppb
Copper	63-2	5057.18	5070.30	4853.62	4993.70	2.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				111		%
Indium	115-1				109		%
Indium	115-2				107		%
Iron	54-2	26798.07	26261.33	24552.65	25870.69	4.53	ppb
Iron	56-2	26469.22	25968.20	24461.53	25632.98	4.08	ppb
Iron	57-2	24679.46	24559.54	23553.67	24264.22	2.55	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149518BS	Instrumnet Name :	P8
Client Sample ID :	PB149518BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 13:04:38	DataFile Name :	039LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2562.30	2565.22	2499.71	2542.41	1.46	ppb
Lead	207-1	2543.29	2473.76	2509.12	2508.72	1.39	ppb
Lead	208-1	2590.24	2506.93	2446.06	2514.41	2.88	ppb
Lithium	6-1				100		%
Magnesium	24-2	54181.40	51474.24	49961.90	51872.51	4.12	ppb
Manganese	55-2	5202.08	5028.85	4909.97	5046.97	2.91	ppb
Molybdenum	94-1	5193.91	5014.71	4957.60	5055.41	2.44	ppb
Molybdenum	95-1	5161.77	5121.63	4946.02	5076.47	2.26	ppb
Molybdenum	96-1	5201.52	5073.99	5198.13	5157.88	1.41	ppb
Molybdenum	97-1	5295.72	5010.48	5057.25	5121.15	2.99	ppb
Molybdenum	98-1	5242.83	4919.24	5076.49	5079.52	3.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	502.35	508.93	485.05	498.77	2.47	ppb
Phosphorus	31-2	9819.27	9844.80	9358.38	9674.15	2.83	ppb
Potassium	39-2	25325.83	24615.36	23660.15	24533.78	3.41	ppb
Rhodium	103-1				105		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	82-1	519.50	522.92	513.04	518.49	0.97	ppb
Selenium	77-2	504.48	497.36	453.07	484.97	5.74	ppb
Selenium	78-2	513.02	502.32	480.68	498.67	3.30	ppb
Silicon	28-1	2339.15	2256.52	2141.77	2245.81	4.41	ppb
Silver	107-1	520.73	528.08	504.84	517.88	2.29	ppb
Silver	109-1	540.07	532.61	507.06	526.58	3.29	ppb
Sodium	23-2	49925.13	50437.99	48111.83	49491.65	2.47	ppb
Strontium	86-1	12729.03	12838.60	13046.13	12871.25	1.25	ppb
Strontium	88-1	12669.29	13051.90	12819.56	12846.92	1.50	ppb
Sulfur	34-1	12184.29	11231.53	9949.13	11121.65	10.09	ppb
Terbium	159-1				111		%
Terbium	159-2				114		%
Thallium	203-1	527.45	504.08	521.67	517.73	2.35	ppb
Thallium	205-1	529.45	500.84	493.67	507.99	3.73	ppb
Tin	118-1	523.09	523.78	508.54	518.47	1.66	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149518BS	Instrumnet Name :	P8
Client Sample ID :	PB149518BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 13:04:38	DataFile Name :	039LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5236.60	5325.38	4861.62	5141.20	4.79	ppb
Uranium	238-1	508.90	483.01	469.78	487.23	4.08	ppb
Vanadium	51-2	495.00	496.23	477.52	489.59	2.14	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	4898.78	4899.33	4700.43	4832.85	2.37	ppb
Zirconium	90-1	534.20	526.42	508.61	523.08	2.51	ppb
Zirconium	91-1	520.15	518.55	506.03	514.91	1.50	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149510BL	Instrumnet Name :	P8
Client Sample ID :	PB149510BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 13:16:15	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.33	-0.01	-0.31	0.00	13362.26	ppb
Antimony	121-1	0.01	0.02	0.05	0.03	69.05	ppb
Arsenic	75-2	0.01	-0.01	0.00	0.00		ppb
Barium	135-1	0.01	0.01	0.01	0.01	4.43	ppb
Barium	137-1	0.02	0.02	0.01	0.02	27.97	ppb
Beryllium	9-1	0.03	0.01	0.02	0.02	36.14	ppb
Bismuth	209-1				112		%
Bismuth	209-2				95		%
Boron	10-1	10.22	11.07	10.01	10.43	5.38	ppb
Boron	11-1	11.37	12.20	10.80	11.45	6.16	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	-0.03	-0.05	-0.04		ppb
Cadmium	106-1	-2.44	-2.86	-3.06	-2.79		ppb
Cadmium	108-1	-0.05	0.11	0.21	0.09	147.02	ppb
Calcium	43-1	-1.39	-0.82	-0.64	-0.95		ppb
Calcium	44-1	-4.25	-2.87	-4.23	-3.78		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.14	0.00	0.01	0.05	156.20	ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	92.57	ppb
Copper	63-2	0.19	0.07	0.03	0.10	87.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				94		%
Indium	115-1				111		%
Indium	115-2				94		%
Iron	54-2	5.34	0.14	1.61	2.36	113.43	ppb
Iron	56-2	1.38	0.22	0.14	0.58	120.04	ppb
Iron	57-2	2.75	1.64	1.79	2.06	29.32	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149510BL	Instrumnet Name :	P8
Client Sample ID :	PB149510BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 13:16:15	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.06	0.04	0.05	25.28	ppb
Lead	207-1	0.03	0.03	0.02	0.03	15.15	ppb
Lead	208-1	0.04	0.04	0.03	0.04	27.26	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.86	-0.08	-0.39	0.13	504.61	ppb
Manganese	55-2	0.02	0.01	-0.03	0.00	1715.47	ppb
Molybdenum	94-1	0.09	0.06	0.03	0.06	54.13	ppb
Molybdenum	95-1	0.05	0.07	0.05	0.06	18.76	ppb
Molybdenum	96-1	0.12	0.07	0.08	0.09	28.98	ppb
Molybdenum	97-1	0.05	0.04	0.02	0.04	40.06	ppb
Molybdenum	98-1	0.08	0.04	0.06	0.06	34.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.04	-0.02	-0.02		ppb
Phosphorus	31-2	91.06	-13.53	-20.18	19.12	326.37	ppb
Potassium	39-2	103.67	8.25	-3.51	36.14	162.66	ppb
Rhodium	103-1				110		%
Rhodium	103-2				95		%
Scandium	45-1				107		%
Scandium	45-2				92		%
Selenium	82-1	-0.22	0.02	0.20	0.00		ppb
Selenium	77-2	0.00	0.88	0.85	0.57	86.65	ppb
Selenium	78-2	3.17	-1.35	-0.40	0.47	504.66	ppb
Silicon	28-1	-21.73	-13.70	-21.60	-19.01		ppb
Silver	107-1	0.03	0.04	0.03	0.04	6.61	ppb
Silver	109-1	0.04	0.04	0.02	0.03	24.48	ppb
Sodium	23-2	39.53	5.34	-0.36	14.84	145.40	ppb
Strontium	86-1	0.10	0.04	0.06	0.07	49.19	ppb
Strontium	88-1	0.10	0.08	0.04	0.07	41.36	ppb
Sulfur	34-1	-3337.27	-2893.90	-3338.47	-3189.88		ppb
Terbium	159-1				110		%
Terbium	159-2				98		%
Thallium	203-1	0.05	0.05	0.03	0.04	33.78	ppb
Thallium	205-1	0.04	0.03	0.04	0.04	12.68	ppb
Tin	118-1	-0.09	-0.03	-0.07	-0.06		ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149510BL	Instrumnet Name :	P8
Client Sample ID :	PB149510BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 13:16:15	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.01	-0.06	-0.12	-0.06		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	197.09	ppb
Vanadium	51-2	-0.01	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				109		%
Yttrium	89-2				94		%
Zinc	66-2	0.17	-0.19	-0.11	-0.04		ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	70.82	ppb
Zirconium	91-1	0.02	0.00	0.03	0.02	71.97	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149510BS	Instrumnet Name :	P8
Client Sample ID :	PB149510BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 13:19:25	DataFile Name :	041LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9933.97	9691.05	9864.58	9829.87	1.27	ppb
Antimony	121-1	510.52	525.60	527.35	521.16	1.77	ppb
Arsenic	75-2	503.13	492.44	487.40	494.32	1.62	ppb
Barium	135-1	2576.28	2589.13	2463.94	2543.12	2.71	ppb
Barium	137-1	2499.24	2565.01	2461.34	2508.53	2.09	ppb
Beryllium	9-1	523.83	512.46	526.12	520.80	1.40	ppb
Bismuth	209-1				111		%
Bismuth	209-2				110		%
Boron	10-1	663.24	655.35	675.63	664.74	1.54	ppb
Boron	11-1	631.46	646.86	650.97	643.10	1.60	ppb
Bromine	81-1						cps
Cadmium	111-1	522.24	522.43	505.84	516.84	1.84	ppb
Cadmium	106-1	519.15	518.63	512.57	516.78	0.71	ppb
Cadmium	108-1	503.80	517.13	510.18	510.37	1.31	ppb
Calcium	43-1	53175.11	53659.44	50326.33	52386.96	3.44	ppb
Calcium	44-1	53268.09	53279.20	49734.67	52093.99	3.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	484.47	480.40	486.97	483.95	0.69	ppb
Cobalt	59-2	512.80	480.36	486.96	493.37	3.48	ppb
Copper	63-2	5114.16	4946.45	4998.78	5019.80	1.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				113		%
Indium	115-1				111		%
Indium	115-2				108		%
Iron	54-2	25881.62	26240.62	25633.37	25918.53	1.18	ppb
Iron	56-2	26672.14	26255.20	26573.82	26500.39	0.82	ppb
Iron	57-2	25242.81	24671.97	24784.88	24899.89	1.21	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149510BS	Instrumnet Name :	P8
Client Sample ID :	PB149510BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 13:19:25	DataFile Name :	041LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2460.73	2519.20	2374.58	2451.51	2.97	ppb
Lead	207-1	2370.53	2584.99	2364.23	2439.92	5.15	ppb
Lead	208-1	2430.17	2570.94	2421.26	2474.12	3.39	ppb
Lithium	6-1				100		%
Magnesium	24-2	51967.77	50592.63	51793.61	51451.34	1.46	ppb
Manganese	55-2	5213.23	5117.39	5042.11	5124.24	1.67	ppb
Molybdenum	94-1	4890.91	5225.72	5057.41	5058.01	3.31	ppb
Molybdenum	95-1	4983.02	5252.78	5037.11	5090.97	2.80	ppb
Molybdenum	96-1	5101.73	5071.44	5080.46	5084.54	0.31	ppb
Molybdenum	97-1	4956.27	5097.35	5044.74	5032.79	1.42	ppb
Molybdenum	98-1	4926.53	5261.54	4909.17	5032.41	3.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	502.44	498.36	507.35	502.72	0.90	ppb
Phosphorus	31-2	9847.92	9738.58	9425.71	9670.74	2.27	ppb
Potassium	39-2	24909.72	24024.92	24068.52	24334.39	2.05	ppb
Rhodium	103-1				110		%
Rhodium	103-2				107		%
Scandium	45-1				111		%
Scandium	45-2				110		%
Selenium	82-1	509.64	527.75	515.39	517.59	1.79	ppb
Selenium	77-2	474.27	482.10	484.50	480.29	1.11	ppb
Selenium	78-2	516.23	508.45	492.39	505.69	2.40	ppb
Silicon	28-1	2214.60	2178.50	2090.58	2161.22	2.95	ppb
Silver	107-1	510.24	505.00	491.31	502.18	1.95	ppb
Silver	109-1	525.68	529.23	531.85	528.92	0.59	ppb
Sodium	23-2	50133.31	48605.87	48784.42	49174.53	1.70	ppb
Strontium	86-1	12477.95	12805.54	12726.21	12669.90	1.35	ppb
Strontium	88-1	12431.19	12962.55	12519.16	12637.63	2.25	ppb
Sulfur	34-1	10700.44	11102.30	9194.79	10332.51	9.73	ppb
Terbium	159-1				113		%
Terbium	159-2				115		%
Thallium	203-1	508.05	518.45	485.26	503.92	3.37	ppb
Thallium	205-1	498.69	501.00	495.16	498.28	0.59	ppb
Tin	118-1	526.54	525.71	489.82	514.02	4.08	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149510BS	Instrumnet Name :	P8
Client Sample ID :	PB149510BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 13:19:25	DataFile Name :	041LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5127.84	5135.79	4836.61	5033.41	3.39	ppb
Uranium	238-1	468.90	481.74	479.46	476.70	1.44	ppb
Vanadium	51-2	494.99	483.85	499.84	492.89	1.66	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				111		%
Zinc	66-2	4925.90	4841.14	4970.03	4912.36	1.33	ppb
Zirconium	90-1	516.92	508.80	518.20	514.64	0.99	ppb
Zirconium	91-1	489.69	503.45	494.77	495.97	1.40	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 13:22:26	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49892.60	50490.48	49503.47	49962.18	1.00	ppb
Antimony	121-1	487.12	497.82	474.53	486.49	2.40	ppb
Arsenic	75-2	479.89	472.32	470.27	474.16	1.07	ppb
Barium	135-1	2503.11	2588.83	2515.79	2535.91	1.82	ppb
Barium	137-1	2496.45	2516.61	2461.25	2491.43	1.12	ppb
Beryllium	9-1	504.61	507.55	509.31	507.16	0.47	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	10-1	653.20	728.21	711.06	697.49	5.63	ppb
Boron	11-1	640.32	697.85	723.23	687.13	6.18	ppb
Bromine	81-1						cps
Cadmium	111-1	489.58	493.35	471.11	484.68	2.45	ppb
Cadmium	106-1	473.67	480.72	467.04	473.81	1.44	ppb
Cadmium	108-1	479.56	486.65	470.68	478.97	1.67	ppb
Calcium	43-1	231608.46	235516.51	230411.64	232512.20	1.15	ppb
Calcium	44-1	239764.47	236185.12	242181.21	239376.93	1.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	493.56	487.80	478.28	486.55	1.59	ppb
Cobalt	59-2	485.42	482.48	468.10	478.67	1.94	ppb
Copper	63-2	5150.76	5038.24	4947.67	5045.56	2.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				114		%
Indium	115-1				110		%
Indium	115-2				106		%
Iron	54-2	121945.10	120164.55	122654.89	121588.18	1.06	ppb
Iron	56-2	128487.98	122264.54	123369.43	124707.32	2.66	ppb
Iron	57-2	124252.32	123262.39	121145.84	122886.85	1.29	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 13:22:26	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2572.54	2520.66	2568.04	2553.75	1.13	ppb
Lead	207-1	2600.05	2520.63	2546.84	2555.84	1.58	ppb
Lead	208-1	2595.67	2522.31	2595.07	2571.02	1.64	ppb
Lithium	6-1				99		%
Magnesium	24-2	252135.38	250647.02	247751.80	250178.07	0.89	ppb
Manganese	55-2	5012.54	4912.39	4829.00	4917.98	1.87	ppb
Molybdenum	94-1	5119.77	4959.94	4886.38	4988.69	2.39	ppb
Molybdenum	95-1	4997.11	5115.87	4828.64	4980.54	2.90	ppb
Molybdenum	96-1	5135.23	5125.71	4727.93	4996.29	4.65	ppb
Molybdenum	97-1	5149.19	5115.45	4884.01	5049.55	2.86	ppb
Molybdenum	98-1	5182.88	5108.83	4905.97	5065.89	2.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	512.21	509.18	486.84	502.74	2.76	ppb
Phosphorus	31-2	9803.48	9719.96	9551.87	9691.77	1.32	ppb
Potassium	39-2	122405.48	120427.84	121268.40	121367.24	0.82	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				110		%
Scandium	45-2				109		%
Selenium	82-1	493.95	487.23	479.06	486.75	1.53	ppb
Selenium	77-2	462.23	475.50	485.35	474.36	2.45	ppb
Selenium	78-2	469.73	474.48	482.38	475.53	1.34	ppb
Silicon	28-1	2232.55	2211.06	2280.90	2241.50	1.60	ppb
Silver	107-1	483.19	506.72	464.92	484.94	4.32	ppb
Silver	109-1	505.78	496.59	472.96	491.78	3.44	ppb
Sodium	23-2	247114.07	245650.32	239420.87	244061.75	1.67	ppb
Strontium	86-1	12833.19	12674.38	12411.61	12639.72	1.68	ppb
Strontium	88-1	13390.77	12584.29	12563.67	12846.25	3.67	ppb
Sulfur	34-1	10230.29	9684.16	9585.81	9833.42	3.53	ppb
Terbium	159-1				116		%
Terbium	159-2				115		%
Thallium	203-1	524.19	514.47	522.80	520.49	1.01	ppb
Thallium	205-1	522.04	508.33	519.05	516.48	1.40	ppb
Tin	118-1	495.53	514.48	491.02	500.34	2.49	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 13:22:26	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5140.38	5078.04	5126.87	5115.10	0.64	ppb
Uranium	238-1	522.54	515.13	526.93	521.53	1.14	ppb
Vanadium	51-2	519.51	508.71	501.22	509.81	1.80	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				111		%
Zinc	66-2	4711.99	4745.09	4526.78	4661.29	2.52	ppb
Zirconium	90-1	521.23	514.89	499.77	511.97	2.15	ppb
Zirconium	91-1	513.68	503.22	480.86	499.25	3.36	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P8
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 13:29:56	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.06	-0.03	0.38	0.13	160.03	ppb
Antimony	121-1	0.05	0.05	0.07	0.06	25.54	ppb
Arsenic	75-2	-0.02	-0.01	-0.01	-0.02		ppb
Barium	135-1	0.06	0.02	0.01	0.03	89.01	ppb
Barium	137-1	0.05	0.01	0.02	0.03	81.84	ppb
Beryllium	9-1	0.03	0.04	0.02	0.03	19.19	ppb
Bismuth	209-1				112		%
Bismuth	209-2				111		%
Boron	10-1	24.01	22.77	21.14	22.64	6.36	ppb
Boron	11-1	24.75	24.67	23.40	24.27	3.11	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	-0.03	-0.05	-0.03		ppb
Cadmium	106-1	-2.89	-2.37	-3.01	-2.76		ppb
Cadmium	108-1	-0.01	0.17	0.20	0.12	97.46	ppb
Calcium	43-1	1.75	1.13	-1.67	0.40	452.29	ppb
Calcium	44-1	-1.49	-3.20	-3.52	-2.74		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.04	-0.01	-0.02		ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	78.31	ppb
Copper	63-2	0.05	0.07	0.11	0.07	44.72	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				113		%
Holmium	165-2				109		%
Indium	115-1				114		%
Indium	115-2				109		%
Iron	54-2	0.80	1.61	1.27	1.22	33.10	ppb
Iron	56-2	0.60	0.53	0.61	0.58	7.41	ppb
Iron	57-2	2.58	-1.39	1.70	0.96	216.09	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P8
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 13:29:56	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.08	0.06	0.08	0.08	15.21	ppb
Lead	207-1	0.12	0.08	0.06	0.08	37.59	ppb
Lead	208-1	0.10	0.07	0.06	0.08	27.91	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.72	0.95	1.75	1.14	47.47	ppb
Manganese	55-2	0.02	0.01	0.05	0.03	59.58	ppb
Molybdenum	94-1	0.19	0.04	0.11	0.11	66.27	ppb
Molybdenum	95-1	0.12	0.11	0.09	0.11	14.57	ppb
Molybdenum	96-1	0.14	0.12	0.11	0.12	13.59	ppb
Molybdenum	97-1	0.14	0.09	0.10	0.11	23.65	ppb
Molybdenum	98-1	0.13	0.10	0.06	0.10	34.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.03	0.00	-0.01		ppb
Phosphorus	31-2	-58.76	-31.98	-68.85	-53.20		ppb
Potassium	39-2	-4.18	4.99	4.83	1.88	279.00	ppb
Rhodium	103-1				112		%
Rhodium	103-2				108		%
Scandium	45-1				109		%
Scandium	45-2				106		%
Selenium	82-1	0.32	0.17	-0.11	0.12	177.32	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.42	-0.45	-1.66	-0.84		ppb
Silicon	28-1	-20.49	-22.06	-24.26	-22.27		ppb
Silver	107-1	0.05	0.05	0.05	0.05	3.41	ppb
Silver	109-1	0.05	0.07	0.05	0.06	13.50	ppb
Sodium	23-2	6.95	8.02	13.80	9.59	38.41	ppb
Strontium	86-1	0.23	0.03	0.05	0.10	110.04	ppb
Strontium	88-1	0.27	0.13	0.10	0.16	55.08	ppb
Sulfur	34-1	-3816.45	-3787.94	-3907.75	-3837.38		ppb
Terbium	159-1				114		%
Terbium	159-2				112		%
Thallium	203-1	0.06	0.05	0.07	0.06	14.47	ppb
Thallium	205-1	0.07	0.05	0.06	0.06	13.14	ppb
Tin	118-1	-0.06	-0.03	0.00	-0.03		ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P8
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 13:29:56	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.03	-0.06	0.00	-0.03		ppb
Uranium	238-1	0.01	0.00	0.00	0.01	63.67	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				108		%
Zinc	66-2	0.05	0.12	-0.12	0.01	914.58	ppb
Zirconium	90-1	0.01	0.01	0.00	0.00	152.17	ppb
Zirconium	91-1	0.02	0.02	0.03	0.03	9.80	ppb

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 09:56:23	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	65	70	59	65	8.73	cps
Antimony	121-1	33	25	8	22	57.29	cps
Arsenic	75-2	6	3	4	4	35.25	cps
Barium	135-1	17	17	17	17	0.00	cps
Barium	137-1	17	0	8	8	100.02	cps
Beryllium	9-1	20	19	18	19	6.67	cps
Bismuth	209-1	4357881	4430177	4409225	4399094	0.85	cps
Bismuth	209-2	2225048	2111961	2151618	2162876	2.65	cps
Boron	10-1	204	226	188	206	9.26	cps
Boron	11-1	834	826	786	815	3.15	cps
Bromine	81-1	35652	33816	37429	35632	5.07	cps
Cadmium	111-1	330	344	301	325	6.72	cps
Cadmium	106-1	3334	3000	3059	3131	5.69	cps
Cadmium	108-1	17	8	13	13	33.36	cps
Calcium	43-1	127	140	142	137	5.88	cps
Calcium	44-1	9456	9555	9690	9567	1.23	cps
Carbon	12-1	8395259	8289733	8244303	8309765	0.93	cps
Carbon	12-2	97070	95962	96659	96564	0.58	cps
Chlorine	35-1	171753	170799	172225	171592	0.42	cps
Chlorine	35-2	1250	1150	1133	1178	5.36	cps
Chromium	52-2	480	503	443	476	6.36	cps
Cobalt	59-2	30	40	57	42	31.91	cps
Copper	63-2	590	683	703	659	9.18	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	42	17	42	33	43.30	cps
Erbium	164-2	20	10	7	12	56.76	cps
Gadolinium	160-1	50	42	42	44	10.82	cps
Gadolinium	160-2	83	80	77	80	4.16	cps
Holmium	165-1	7123306	6695764	6880694	6899921	3.11	cps
Holmium	165-2	2933975	2978953	2929117	2947348	0.93	cps
Indium	115-1	5922004	5801166	5839812	5854327	1.05	cps
Indium	115-2	913851	908450	911373	911225	0.30	cps
Iron	54-2	594	550	639	594	7.48	cps
Iron	56-2	3045	2889	2806	2913	4.16	cps
Iron	57-2	256	189	183	209	19.21	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 09:56:23	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	365	394	374	377	3.90	cps
Lead	206-1	639	517	450	535	17.90	cps
Lead	207-1	411	478	478	456	8.45	cps
Lead	208-1	2283	2211	1967	2154	7.71	cps
Lithium	6-1	4015774	3902446	3816892	3911704	2.55	cps
Magnesium	24-2	175	208	200	194	8.92	cps
Manganese	55-2	60	33	37	43	33.53	cps
Molybdenum	94-1	125	92	108	108	15.38	cps
Molybdenum	95-1	0	25	17	14	91.65	cps
Molybdenum	96-1	92	50	58	67	33.08	cps
Molybdenum	97-1	8	25	0	11	114.58	cps
Molybdenum	98-1	42	25	25	31	31.50	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	77	57	30	54	43.00	cps
Phosphorus	31-2	750	767	1042	853	19.21	cps
Potassium	39-2	19647	18921	19397	19322	1.91	cps
Rhodium	103-1	5939401	5729853	5862723	5843992	1.81	cps
Rhodium	103-2	2523064	2542913	2506279	2524085	0.73	cps
Scandium	45-1	4676745	4735761	4464694	4625733	3.08	cps
Scandium	45-2	155531	156339	157000	156290	0.47	cps
Selenium	82-1	33	21	11	22	49.07	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	67	44	72	61	24.49	cps
Silicon	28-1	829887	830835	826985	829236	0.24	cps
Silver	107-1	75	92	108	92	18.18	cps
Silver	109-1	58	100	50	69	38.58	cps
Sodium	23-2	19413	20089	19004	19502	2.81	cps
Strontium	86-1	533	650	600	594	9.85	cps
Strontium	88-1	125	92	117	111	15.61	cps
Sulfur	34-1	382660	387920	391180	387254	1.11	cps
Terbium	159-1	7210648	7275924	7024064	7170212	1.82	cps
Terbium	159-2	2852561	2932672	2865024	2883419	1.50	cps
Thallium	203-1	75	83	67	75	11.11	cps
Thallium	205-1	175	183	192	183	4.54	cps
Tin	118-1	683	658	675	672	1.89	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 09:56:23	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	292	225	175	231	25.39	cps
Uranium	238-1	25	0	17	14	91.65	cps
Vanadium	51-2	10	3	7	7	50.03	cps
Ytterbium	172-1	42	83	67	64	32.83	cps
Ytterbium	172-2	11	17	22	17	33.33	cps
Ytterbium	176-1	1042	1142	1017	1067	6.20	cps
Ytterbium	176-2	6507	6785	6958	6750	3.37	cps
Yttrium	89-1	9866532	9721765	9724117	9770805	0.85	cps
Yttrium	89-2	1074311	1080397	1082939	1079216	0.41	cps
Zinc	66-2	153	147	140	147	4.55	cps
Zirconium	90-1	333	383	342	353	7.59	cps
Zirconium	91-1	67	42	58	56	22.91	cps

LB Number : LB123301 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired : 2022-12-15 09:59:33 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1047	1091	1074	1071	2.06	cps
Antimony	121-1	8278	8203	8236	8239	0.46	cps
Arsenic	75-2	160	137	143	147	8.14	cps
Barium	135-1	9579	9529	9062	9390	3.04	cps
Barium	137-1	17236	16644	16527	16803	2.26	cps
Beryllium	9-1	2547	2677	2456	2560	4.34	cps
Bismuth	209-1	4409909	4439715	4538688	4462771	1.51	cps
Bismuth	209-2	2196725	2195631	2146857	2179738	1.31	cps
Boron	10-1	7841	8225	8045	8037	2.39	cps
Boron	11-1	34452	35999	36416	35622	2.91	cps
Bromine	81-1	34760	35342	33013	34372	3.53	cps
Cadmium	111-1	1518	1516	1559	1531	1.57	cps
Cadmium	106-1	3367	3167	3217	3250	3.20	cps
Cadmium	108-1	104	138	138	126	15.23	cps
Calcium	43-1	8410	8315	8386	8371	0.59	cps
Calcium	44-1	146086	145017	142530	144544	1.26	cps
Carbon	12-1	8597005	8664983	8553462	8605150	0.65	cps
Carbon	12-2	101609	99881	98873	100121	1.38	cps
Chlorine	35-1	200787	202156	199030	200657	0.78	cps
Chlorine	35-2	1525	1542	1442	1503	3.57	cps
Chromium	52-2	3054	2957	2894	2968	2.72	cps
Cobalt	59-2	2464	2370	2307	2380	3.31	cps
Copper	63-2	4624	4347	4191	4387	5.00	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	92	50	25	56	60.62	cps
Erbium	164-2	3	20	3	9	108.30	cps
Gadolinium	160-1	50	58	75	61	20.83	cps
Gadolinium	160-2	87	93	100	93	7.14	cps
Holmium	165-1	7033699	6908766	6943386	6961951	0.93	cps
Holmium	165-2	2980727	2954922	2998552	2978067	0.74	cps
Indium	115-1	5822710	5728211	5849858	5800260	1.10	cps
Indium	115-2	906549	919576	911034	912387	0.73	cps
Iron	54-2	3995	3717	3584	3765	5.57	cps
Iron	56-2	59150	56010	56618	57259	2.91	cps
Iron	57-2	1628	1417	1489	1511	7.10	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 09:59:33	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	407	395	402	402	1.57	cps
Lead	206-1	3673	3934	3284	3630	9.01	cps
Lead	207-1	3289	3362	3562	3404	4.14	cps
Lead	208-1	15415	15454	14642	15170	3.02	cps
Lithium	6-1	3857666	4017287	4097353	3990769	3.06	cps
Magnesium	24-2	66001	64695	65020	65239	1.04	cps
Manganese	55-2	837	787	700	774	8.93	cps
Molybdenum	94-1	10529	10229	10187	10315	1.81	cps
Molybdenum	95-1	13332	12698	11955	12662	5.44	cps
Molybdenum	96-1	14258	13157	13874	13763	4.06	cps
Molybdenum	97-1	8169	7152	7160	7494	7.81	cps
Molybdenum	98-1	19598	19489	18872	19320	2.03	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	683	773	670	709	7.93	cps
Phosphorus	31-2	800	825	1017	881	13.46	cps
Potassium	39-2	60937	59792	59063	59931	1.58	cps
Rhodium	103-1	5993521	5751727	5993898	5913049	2.36	cps
Rhodium	103-2	2482563	2462890	2486396	2477283	0.51	cps
Scandium	45-1	4648984	4652436	4658570	4653330	0.10	cps
Scandium	45-2	155345	158869	156373	156863	1.16	cps
Selenium	82-1	581	640	567	596	6.46	cps
Selenium	77-2	20	17	27	21	24.12	cps
Selenium	78-2	123	112	128	121	6.76	cps
Silicon	28-1	882839	860062	886396	876433	1.63	cps
Silver	107-1	6827	6352	6677	6618	3.67	cps
Silver	109-1	6552	6568	6043	6388	4.67	cps
Sodium	23-2	139761	132567	134846	135724	2.71	cps
Strontium	86-1	2334	2059	2025	2139	7.91	cps
Strontium	88-1	14041	13690	11730	13154	9.47	cps
Sulfur	34-1	391533	392712	389402	391216	0.43	cps
Terbium	159-1	7415345	7253150	7238553	7302349	1.34	cps
Terbium	159-2	2842998	3033495	2883729	2920074	3.44	cps
Thallium	203-1	4051	3876	3992	3973	2.24	cps
Thallium	205-1	9879	9545	8803	9409	5.85	cps
Tin	118-1	18797	18830	19423	19016	1.85	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 09:59:33	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4384	3959	4442	4262	6.19	cps
Uranium	238-1	12573	12532	12465	12523	0.44	cps
Vanadium	51-2	5198	4871	5051	5040	3.25	cps
Ytterbium	172-1	17	67	25	36	74.18	cps
Ytterbium	172-2	11	17	22	17	33.33	cps
Ytterbium	176-1	1025	1175	967	1056	10.18	cps
Ytterbium	176-2	6368	6641	6791	6600	3.25	cps
Yttrium	89-1	9951596	9700746	9648938	9767093	1.66	cps
Yttrium	89-2	1091713	1060392	1087902	1080002	1.58	cps
Zinc	66-2	660	717	657	678	4.98	cps
Zirconium	90-1	8244	8511	8369	8375	1.59	cps
Zirconium	91-1	1950	1900	1875	1909	2.00	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 10:02:46	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	53126	52447	51073	52215	2.00	cps
Antimony	121-1	227870	226972	218527	224456	2.30	cps
Arsenic	75-2	7199	7197	6886	7094	2.53	cps
Barium	135-1	264806	263110	262200	263372	0.50	cps
Barium	137-1	470919	473601	450745	465088	2.69	cps
Beryllium	9-1	132698	129216	129855	130590	1.42	cps
Bismuth	209-1	4358214	4704329	4606704	4556416	3.92	cps
Bismuth	209-2	2143563	2312255	2193559	2216459	3.91	cps
Boron	10-1	17305	18074	18302	17893	2.92	cps
Boron	11-1	74801	78871	82623	78765	4.97	cps
Bromine	81-1	32642	33104	32953	32900	0.72	cps
Cadmium	111-1	67100	67408	66000	66836	1.11	cps
Cadmium	106-1	11005	10855	10771	10877	1.09	cps
Cadmium	108-1	5647	5389	5593	5543	2.46	cps
Calcium	43-1	101652	100363	99847	100621	0.92	cps
Calcium	44-1	1574691	1543249	1529775	1549238	1.49	cps
Carbon	12-1	7988285	7842974	8027126	7952795	1.22	cps
Carbon	12-2	97212	96400	94788	96133	1.28	cps
Chlorine	35-1	198531	196968	198989	198163	0.53	cps
Chlorine	35-2	1392	1483	1458	1445	3.28	cps
Chromium	52-2	73649	72624	72687	72987	0.79	cps
Cobalt	59-2	126017	128683	124364	126355	1.72	cps
Copper	63-2	988133	982227	960035	976798	1.52	cps
Dysprosium	156-1	17	42	17	25	57.73	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	33	67	50	50	33.34	cps
Erbium	164-2	17	13	3	11	62.48	cps
Gadolinium	160-1	58	50	75	61	20.83	cps
Gadolinium	160-2	120	87	70	92	27.61	cps
Holmium	165-1	7177587	7018632	7193975	7130065	1.36	cps
Holmium	165-2	3019554	3064939	2949546	3011346	1.93	cps
Indium	115-1	6066256	6280356	6066899	6137837	2.01	cps
Indium	115-2	921152	935143	916448	924248	1.05	cps
Iron	54-2	170856	172679	166771	170102	1.78	cps
Iron	56-2	3191033	3098417	3094828	3128093	1.74	cps
Iron	57-2	77131	75550	75717	76133	1.14	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 10:02:46	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	411	367	385	388	5.68	cps
Lead	206-1	898281	915903	931740	915308	1.83	cps
Lead	207-1	799625	800911	811977	804171	0.84	cps
Lead	208-1	3735193	3779515	3813636	3776115	1.04	cps
Lithium	6-1	3918086	4170398	4073336	4053940	3.14	cps
Magnesium	24-2	733124	728243	699401	720256	2.53	cps
Manganese	55-2	399490	388286	385781	391185	1.87	cps
Molybdenum	94-1	911033	895587	900915	902512	0.87	cps
Molybdenum	95-1	1304815	1312198	1279710	1298908	1.31	cps
Molybdenum	96-1	1416333	1435802	1387240	1413125	1.73	cps
Molybdenum	97-1	808352	816058	790686	805032	1.62	cps
Molybdenum	98-1	2148802	2069385	2075884	2098023	2.10	cps
Neodymium	150-1	0	60	7	22	147.98	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	35474	35895	34088	35152	2.69	cps
Phosphorus	31-2	4226	3909	4117	4084	3.94	cps
Potassium	39-2	257511	248750	244504	250255	2.65	cps
Rhodium	103-1	5936611	6065099	6319456	6107055	3.19	cps
Rhodium	103-2	2475422	2660391	2462172	2532662	4.38	cps
Scandium	45-1	4522503	4722021	4759998	4668174	2.73	cps
Scandium	45-2	161599	161924	161855	161793	0.11	cps
Selenium	82-1	6307	6216	6031	6185	2.28	cps
Selenium	77-2	197	183	203	194	5.24	cps
Selenium	78-2	700	682	702	695	1.59	cps
Silicon	28-1	1065336	1051963	1076620	1064640	1.16	cps
Silver	107-1	360701	352457	346761	353307	1.98	cps
Silver	109-1	347354	345493	331299	341382	2.57	cps
Sodium	23-2	1344839	1331014	1310704	1328852	1.29	cps
Strontium	86-1	2092613	2006514	2057631	2052253	2.11	cps
Strontium	88-1	17776630	17086878	17585231	17482913	2.04	cps
Sulfur	34-1	428896	431474	430757	430375	0.31	cps
Terbium	159-1	7524829	7380277	7398844	7434650	1.06	cps
Terbium	159-2	3067364	3138643	3087073	3097694	1.19	cps
Thallium	203-1	218606	209580	212797	213661	2.14	cps
Thallium	205-1	516609	512206	514145	514320	0.43	cps
Tin	118-1	199639	206344	197701	201228	2.25	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 10:02:46	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	437145	439671	431289	436035	0.99	cps
Uranium	238-1	702255	672778	687034	687356	2.14	cps
Vanadium	51-2	57445	56936	55745	56709	1.54	cps
Ytterbium	172-1	58	42	83	61	34.32	cps
Ytterbium	172-2	11	17	17	15	21.67	cps
Ytterbium	176-1	2109	2084	2034	2075	1.84	cps
Ytterbium	176-2	6819	7491	7219	7176	4.71	cps
Yttrium	89-1	9798573	9693460	10124438	9872157	2.28	cps
Yttrium	89-2	1089217	1111638	1102296	1101050	1.02	cps
Zinc	66-2	126414	125030	123619	125021	1.12	cps
Zirconium	90-1	442470	428871	426711	432684	1.97	cps
Zirconium	91-1	99188	97458	96602	97749	1.35	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 10:05:52	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	131715	129589	126055	129120	2.21	cps
Antimony	121-1	556868	561928	549321	556039	1.14	cps
Arsenic	75-2	18259	17501	17866	17875	2.12	cps
Barium	135-1	653658	660928	658419	657668	0.56	cps
Barium	137-1	1177209	1164248	1177370	1172942	0.64	cps
Beryllium	9-1	321375	322643	319055	321025	0.57	cps
Bismuth	209-1	4413075	4527431	4719027	4553178	3.40	cps
Bismuth	209-2	2182642	2195888	2239005	2205845	1.34	cps
Boron	10-1	42425	45261	46886	44857	5.03	cps
Boron	11-1	189686	196341	206192	197406	4.21	cps
Bromine	81-1	33314	34046	32923	33428	1.71	cps
Cadmium	111-1	164292	165935	164509	164912	0.54	cps
Cadmium	106-1	21576	22669	23003	22416	3.33	cps
Cadmium	108-1	13098	13986	13699	13594	3.33	cps
Calcium	43-1	249895	248312	246189	248132	0.75	cps
Calcium	44-1	3729732	3808550	3735754	3758012	1.17	cps
Carbon	12-1	7814829	8031095	7863993	7903306	1.43	cps
Carbon	12-2	95770	96491	95786	96016	0.43	cps
Chlorine	35-1	190365	194485	190255	191702	1.26	cps
Chlorine	35-2	1317	1375	1675	1456	13.21	cps
Chromium	52-2	184529	178433	174746	179236	2.76	cps
Cobalt	59-2	317293	312339	306044	311892	1.81	cps
Copper	63-2	2528285	2492230	2489120	2503212	0.87	cps
Dysprosium	156-1	58	50	33	47	26.96	cps
Dysprosium	156-2	17	10	17	14	26.66	cps
Erbium	164-1	33	42	67	47	36.74	cps
Erbium	164-2	17	13	10	13	25.01	cps
Gadolinium	160-1	58	133	108	100	38.19	cps
Gadolinium	160-2	107	90	113	103	11.63	cps
Holmium	165-1	6989311	7200686	7271463	7153820	2.05	cps
Holmium	165-2	2983645	2989260	2858167	2943691	2.52	cps
Indium	115-1	5630957	5881936	6234501	5915798	5.13	cps
Indium	115-2	931781	927140	902883	920601	1.69	cps
Iron	54-2	428006	422405	412738	421050	1.83	cps
Iron	56-2	7916356	7730126	7538344	7728276	2.45	cps
Iron	57-2	192317	186176	180926	186473	3.06	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 10:05:52	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	389	419	396	401	3.89	cps
Lead	206-1	2467460	2381093	2385947	2411500	2.01	cps
Lead	207-1	2208792	2146066	2135929	2163596	1.82	cps
Lead	208-1	9893716	9780999	9681144	9785286	1.09	cps
Lithium	6-1	3867515	3919035	4016734	3934428	1.93	cps
Magnesium	24-2	1805270	1810705	1756227	1790734	1.68	cps
Manganese	55-2	989069	961953	952685	967902	1.95	cps
Molybdenum	94-1	2303034	2262109	2289907	2285017	0.91	cps
Molybdenum	95-1	3312453	3305960	3372384	3330266	1.10	cps
Molybdenum	96-1	3595856	3662163	3684277	3647432	1.26	cps
Molybdenum	97-1	1988378	2009249	2012715	2003447	0.66	cps
Molybdenum	98-1	5007715	5139568	5251929	5133071	2.38	cps
Neodymium	150-1	47	53	33	44	22.92	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	89265	87789	85657	87571	2.07	cps
Phosphorus	31-2	9295	9520	9787	9534	2.58	cps
Potassium	39-2	591588	596183	584110	590627	1.03	cps
Rhodium	103-1	5583103	5932897	6130550	5882183	4.71	cps
Rhodium	103-2	2581069	2606325	2525585	2570993	1.61	cps
Scandium	45-1	4637181	4631370	4799955	4689502	2.04	cps
Scandium	45-2	158247	155601	157679	157176	0.89	cps
Selenium	82-1	15317	15588	15638	15515	1.12	cps
Selenium	77-2	473	410	493	459	9.48	cps
Selenium	78-2	1746	1698	1629	1691	3.48	cps
Silicon	28-1	1413100	1426970	1440332	1426801	0.95	cps
Silver	107-1	863988	894577	868608	875724	1.88	cps
Silver	109-1	824394	855630	853194	844406	2.06	cps
Sodium	23-2	3198588	3225299	3109943	3177943	1.90	cps
Strontium	86-1	5083387	5275980	5133698	5164355	1.93	cps
Strontium	88-1	43431263	43929319	44810602	44057061	1.59	cps
Sulfur	34-1	495017	492376	490223	492539	0.49	cps
Terbium	159-1	7215833	7418463	7510976	7381757	2.04	cps
Terbium	159-2	2966158	2970319	2960264	2965580	0.17	cps
Thallium	203-1	524932	533613	529830	529459	0.82	cps
Thallium	205-1	1273125	1266858	1296486	1278823	1.22	cps
Tin	118-1	495195	499283	498916	497798	0.45	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 10:05:52	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1069034	1106065	1076071	1083724	1.81	cps
Uranium	238-1	1731038	1786424	1832061	1783174	2.84	cps
Vanadium	51-2	139787	140217	136761	138921	1.36	cps
Ytterbium	172-1	83	42	33	53	50.76	cps
Ytterbium	172-2	33	22	11	22	50.00	cps
Ytterbium	176-1	3359	3309	3426	3364	1.74	cps
Ytterbium	176-2	7419	7780	7447	7549	2.66	cps
Yttrium	89-1	9394963	9758541	10162052	9771852	3.93	cps
Yttrium	89-2	1079821	1081482	1059188	1073497	1.16	cps
Zinc	66-2	314243	309251	302705	308733	1.87	cps
Zirconium	90-1	1087687	1090348	1098271	1092102	0.50	cps
Zirconium	91-1	246073	244295	249799	246722	1.14	cps

LB Number : LB123301 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired : 2022-12-15 10:09:01 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	255980	250853	246583	251139	1.87	cps
Antimony	121-1	1100529	1114119	1086216	1100288	1.27	cps
Arsenic	75-2	35239	34068	33935	34414	2.09	cps
Barium	135-1	1303376	1305908	1295459	1301581	0.42	cps
Barium	137-1	2477994	2294913	2389529	2387479	3.83	cps
Beryllium	9-1	631883	619067	619860	623603	1.15	cps
Bismuth	209-1	4623141	4480543	4592436	4565373	1.64	cps
Bismuth	209-2	2186499	2142702	2105741	2144981	1.88	cps
Boron	10-1	84425	90694	91281	88800	4.28	cps
Boron	11-1	376964	386124	394858	385982	2.32	cps
Bromine	81-1	32692	35954	32752	33799	5.52	cps
Cadmium	111-1	321281	317282	317345	318636	0.72	cps
Cadmium	106-1	40285	41238	40460	40661	1.25	cps
Cadmium	108-1	26551	25950	25720	26073	1.65	cps
Calcium	43-1	490282	483397	485509	486396	0.73	cps
Calcium	44-1	7552624	7523996	7556559	7544393	0.24	cps
Carbon	12-1	7669730	7776378	7815846	7753985	0.97	cps
Carbon	12-2	93723	96776	92080	94193	2.53	cps
Chlorine	35-1	189890	192391	189564	190615	0.81	cps
Chlorine	35-2	1275	1425	1517	1406	8.68	cps
Chromium	52-2	351338	343950	338767	344685	1.83	cps
Cobalt	59-2	612891	601239	600808	604979	1.13	cps
Copper	63-2	4812512	4841442	4684246	4779400	1.75	cps
Dysprosium	156-1	92	58	58	69	27.72	cps
Dysprosium	156-2	27	37	33	32	15.80	cps
Erbium	164-1	42	42	25	36	26.65	cps
Erbium	164-2	13	10	17	13	25.01	cps
Gadolinium	160-1	150	108	125	128	16.41	cps
Gadolinium	160-2	110	127	137	124	10.83	cps
Holmium	165-1	7172143	7225774	7491303	7296406	2.34	cps
Holmium	165-2	3039466	3003484	2913102	2985351	2.18	cps
Indium	115-1	5853207	5999279	6115556	5989347	2.19	cps
Indium	115-2	905915	893992	885825	895244	1.13	cps
Iron	54-2	839364	821604	808686	823218	1.87	cps
Iron	56-2	15597543	15006973	14788733	15131083	2.77	cps
Iron	57-2	378824	355528	365846	366733	3.18	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 10:09:01	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	405	405	387	399	2.53	cps
Lead	206-1	4587745	4759196	4818174	4721705	2.54	cps
Lead	207-1	4167448	4385404	4145344	4232732	3.13	cps
Lead	208-1	18916266	19820255	19232510	19323011	2.37	cps
Lithium	6-1	3917814	3962344	3872460	3917540	1.15	cps
Magnesium	24-2	3518313	3507795	3329290	3451799	3.08	cps
Manganese	55-2	2025622	1964513	1934068	1974734	2.36	cps
Molybdenum	94-1	4590504	4523803	4476681	4530329	1.26	cps
Molybdenum	95-1	6708826	6414614	6412133	6511858	2.62	cps
Molybdenum	96-1	7089310	6861259	6965119	6971896	1.64	cps
Molybdenum	97-1	3987640	4021236	3989448	3999441	0.47	cps
Molybdenum	98-1	10355224	10253146	10311690	10306687	0.50	cps
Neodymium	150-1	73	147	153	124	35.67	cps
Neodymium	150-2	7	3	20	10	88.20	cps
Nickel	60-2	169004	166457	162982	166148	1.82	cps
Phosphorus	31-2	17636	17077	16293	17002	3.97	cps
Potassium	39-2	1151669	1121678	1116693	1130013	1.67	cps
Rhodium	103-1	5875354	5835936	5934129	5881807	0.84	cps
Rhodium	103-2	2514015	2518798	2488024	2506946	0.66	cps
Scandium	45-1	4533436	4597112	4704197	4611581	1.87	cps
Scandium	45-2	155773	153117	154450	154447	0.86	cps
Selenium	82-1	30528	30756	29390	30224	2.42	cps
Selenium	77-2	910	867	980	919	6.22	cps
Selenium	78-2	3237	3140	3135	3170	1.81	cps
Silicon	28-1	2021727	2006988	2030545	2019753	0.59	cps
Silver	107-1	1740720	1722551	1744148	1735806	0.67	cps
Silver	109-1	1670969	1675259	1640946	1662391	1.12	cps
Sodium	23-2	6297868	6229516	5718037	6081807	5.21	cps
Strontium	86-1	10205227	9949304	9971188	10041906	1.41	cps
Strontium	88-1	87424092	87941537	88355500	87907043	0.53	cps
Sulfur	34-1	583402	580031	576910	580114	0.56	cps
Terbium	159-1	7708492	7507276	7304048	7506605	2.69	cps
Terbium	159-2	2967618	2996085	2939095	2967600	0.96	cps
Thallium	203-1	1054181	1062234	1076601	1064339	1.07	cps
Thallium	205-1	2597824	2703583	2618017	2639808	2.13	cps
Tin	118-1	969079	984691	965198	972990	1.06	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 10:09:01	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2159196	2086150	2135122	2126823	1.75	cps
Uranium	238-1	3718033	3816114	3611084	3715077	2.76	cps
Vanadium	51-2	276600	271783	265670	271351	2.02	cps
Ytterbium	172-1	108	50	92	83	36.06	cps
Ytterbium	172-2	33	22	33	30	21.65	cps
Ytterbium	176-1	5701	5368	5460	5510	3.13	cps
Ytterbium	176-2	8820	8809	8547	8725	1.77	cps
Yttrium	89-1	9859904	9950872	10112612	9974463	1.28	cps
Yttrium	89-2	1084047	1070199	1057815	1070687	1.23	cps
Zinc	66-2	601562	591128	598458	597049	0.90	cps
Zirconium	90-1	2165128	2171827	2149591	2162182	0.53	cps
Zirconium	91-1	488482	487253	480917	485551	0.84	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 10:12:07	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	511570	494610	495656	500612	1.90	cps
Antimony	121-1	2255639	2206618	2260066	2240774	1.32	cps
Arsenic	75-2	70310	69573	68627	69503	1.21	cps
Barium	135-1	2757664	2688473	2706694	2717610	1.32	cps
Barium	137-1	4826378	4668254	4612957	4702530	2.36	cps
Beryllium	9-1	1181543	1217768	1192475	1197262	1.55	cps
Bismuth	209-1	4508961	4648256	4448549	4535255	2.26	cps
Bismuth	209-2	2150660	2145541	2184810	2160337	0.99	cps
Boron	10-1	167303	176325	182478	175368	4.35	cps
Boron	11-1	741560	765208	769161	758643	1.97	cps
Bromine	81-1	32822	34077	30966	32622	4.80	cps
Cadmium	111-1	637568	633664	629112	633448	0.67	cps
Cadmium	106-1	77218	77887	75884	76996	1.32	cps
Cadmium	108-1	53399	52826	51994	52740	1.34	cps
Calcium	43-1	972956	987458	953470	971295	1.76	cps
Calcium	44-1	15177480	14873675	14815728	14955628	1.30	cps
Carbon	12-1	7705171	7717104	7842112	7754796	0.98	cps
Carbon	12-2	96256	96886	95787	96309	0.57	cps
Chlorine	35-1	192010	195702	187353	191688	2.18	cps
Chlorine	35-2	1392	1533	1242	1389	10.50	cps
Chromium	52-2	710400	678105	677755	688753	2.72	cps
Cobalt	59-2	1237060	1203538	1185489	1208696	2.17	cps
Copper	63-2	9754594	10033975	9760536	9849702	1.62	cps
Dysprosium	156-1	158	217	158	178	18.94	cps
Dysprosium	156-2	63	27	67	52	42.50	cps
Erbium	164-1	42	50	33	42	20.00	cps
Erbium	164-2	17	17	13	16	12.40	cps
Gadolinium	160-1	225	150	200	192	19.92	cps
Gadolinium	160-2	127	127	153	136	11.36	cps
Holmium	165-1	7482747	7410341	7386212	7426433	0.68	cps
Holmium	165-2	3043475	2994100	3062186	3033254	1.16	cps
Indium	115-1	5690213	5932346	6058234	5893597	3.17	cps
Indium	115-2	901863	886744	882295	890301	1.15	cps
Iron	54-2	1741033	1695607	1642424	1693021	2.92	cps
Iron	56-2	31468928	29279469	29420671	30056356	4.08	cps
Iron	57-2	754947	724813	722193	733984	2.48	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 10:12:07	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	381	426	380	396	6.66	cps
Lead	206-1	9598792	9954948	9478967	9677569	2.56	cps
Lead	207-1	8355899	8507858	8426593	8430117	0.90	cps
Lead	208-1	38717481	38691154	38584729	38664454	0.18	cps
Lithium	6-1	3908623	3945724	3977337	3943895	0.87	cps
Magnesium	24-2	7066410	6786955	6718876	6857414	2.69	cps
Manganese	55-2	4068591	3838467	3853776	3920278	3.28	cps
Molybdenum	94-1	8868534	8990863	8937624	8932340	0.69	cps
Molybdenum	95-1	12946127	12529797	12352951	12609625	2.42	cps
Molybdenum	96-1	14205334	14108862	13372592	13895596	3.28	cps
Molybdenum	97-1	7836381	7999624	7681926	7839310	2.03	cps
Molybdenum	98-1	20264531	20555999	20230029	20350186	0.88	cps
Neodymium	150-1	200	153	220	191	17.90	cps
Neodymium	150-2	10	7	20	12	56.76	cps
Nickel	60-2	332748	335063	329089	332300	0.91	cps
Phosphorus	31-2	33707	34174	32362	33414	2.82	cps
Potassium	39-2	2349288	2278874	2258865	2295676	2.07	cps
Rhodium	103-1	5803434	5799634	5786883	5796650	0.15	cps
Rhodium	103-2	2484421	2470608	2445544	2466858	0.80	cps
Scandium	45-1	4629546	4676015	4733698	4679753	1.11	cps
Scandium	45-2	156967	154142	154225	155111	1.04	cps
Selenium	82-1	58868	59979	59286	59378	0.95	cps
Selenium	77-2	1807	1950	1790	1849	4.76	cps
Selenium	78-2	6172	6109	6086	6122	0.73	cps
Silicon	28-1	3101384	3215804	3193006	3170065	1.91	cps
Silver	107-1	3569423	3457690	3373662	3466925	2.83	cps
Silver	109-1	3362613	3276983	3198275	3279291	2.51	cps
Sodium	23-2	12690942	12066141	12010853	12255978	3.08	cps
Strontium	86-1	19931728	19759924	20236753	19976135	1.21	cps
Strontium	88-1	173166066	171445166	171988329	172199854	0.51	cps
Sulfur	34-1	770929	771363	747151	763148	1.82	cps
Terbium	159-1	7605174	7656924	7598863	7620320	0.42	cps
Terbium	159-2	2960775	2985355	2928511	2958214	0.96	cps
Thallium	203-1	2207103	2244194	2312839	2254712	2.38	cps
Thallium	205-1	5444353	5452707	5231227	5376096	2.33	cps
Tin	118-1	1959364	2015393	2000943	1991900	1.46	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 10:12:07	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4223417	4212886	4075167	4170490	1.98	cps
Uranium	238-1	7415637	7539067	7201292	7385332	2.31	cps
Vanadium	51-2	562685	535850	536302	544946	2.82	cps
Ytterbium	172-1	100	67	58	75	29.40	cps
Ytterbium	172-2	28	0	33	20	87.67	cps
Ytterbium	176-1	10454	10229	10221	10302	1.29	cps
Ytterbium	176-2	10743	10894	10365	10667	2.55	cps
Yttrium	89-1	9897880	9760926	10112234	9923680	1.78	cps
Yttrium	89-2	1089981	1056103	1057374	1067819	1.80	cps
Zinc	66-2	1181881	1196453	1183496	1187276	0.67	cps
Zirconium	90-1	4405625	4258923	4307306	4323952	1.73	cps
Zirconium	91-1	987041	964593	965513	972382	1.31	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 10:15:17	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	998857	963736	964624	975739	2.05	cps
Antimony	121-1	4479828	4465599	4376047	4440491	1.27	cps
Arsenic	75-2	141307	137014	134975	137765	2.35	cps
Barium	135-1	5392289	5309698	5414729	5372239	1.03	cps
Barium	137-1	9135909	9534342	9484486	9384912	2.31	cps
Beryllium	9-1	2300080	2292944	2306694	2299906	0.30	cps
Bismuth	209-1	4736578	4602854	4550787	4630073	2.07	cps
Bismuth	209-2	2235552	2159268	2061073	2151964	4.06	cps
Boron	10-1	331503	340690	346167	339454	2.18	cps
Boron	11-1	1337513	1398865	1357333	1364570	2.29	cps
Bromine	81-1	33656	34258	32933	33616	1.97	cps
Cadmium	111-1	1231979	1259995	1238439	1243471	1.18	cps
Cadmium	106-1	151050	151691	152389	151710	0.44	cps
Cadmium	108-1	103901	104458	103359	103906	0.53	cps
Calcium	43-1	2038369	1998061	2002433	2012954	1.10	cps
Calcium	44-1	29303578	30184323	30107564	29865155	1.63	cps
Carbon	12-1	8139029	8131700	8282355	8184361	1.04	cps
Carbon	12-2	99888	101542	102080	101170	1.13	cps
Chlorine	35-1	193091	197161	195568	195273	1.05	cps
Chlorine	35-2	1592	1475	1300	1456	10.09	cps
Chromium	52-2	1465016	1432702	1398151	1431957	2.34	cps
Cobalt	59-2	2600502	2420254	2398714	2473157	4.48	cps
Copper	63-2	19042376	18437202	18094798	18524792	2.59	cps
Dysprosium	156-1	317	283	358	319	11.76	cps
Dysprosium	156-2	113	117	107	112	4.54	cps
Erbium	164-1	58	83	75	72	17.63	cps
Erbium	164-2	7	17	30	18	65.83	cps
Gadolinium	160-1	225	242	267	244	8.58	cps
Gadolinium	160-2	197	153	177	176	12.35	cps
Holmium	165-1	7641467	7243391	7540935	7475264	2.77	cps
Holmium	165-2	3068559	3048092	3232180	3116277	3.24	cps
Indium	115-1	6148184	6133078	6008918	6096727	1.25	cps
Indium	115-2	904792	897831	910212	904278	0.69	cps
Iron	54-2	3375991	3334787	3293728	3334835	1.23	cps
Iron	56-2	60804997	60786989	57802947	59798311	2.89	cps
Iron	57-2	1566335	1470161	1476032	1504176	3.58	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 10:15:17	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	424	401	375	400	6.10	cps
Lead	206-1	19091330	18922264	19335391	19116328	1.09	cps
Lead	207-1	17086567	16685018	16746556	16839380	1.28	cps
Lead	208-1	76921556	75843195	76787293	76517348	0.77	cps
Lithium	6-1	3896321	3883395	3960154	3913290	1.05	cps
Magnesium	24-2	13885258	13251516	13379339	13505371	2.48	cps
Manganese	55-2	7778598	7728121	7499766	7668828	1.94	cps
Molybdenum	94-1	18344157	18167840	18530479	18347492	0.99	cps
Molybdenum	95-1	25978043	26285031	26769589	26344221	1.51	cps
Molybdenum	96-1	28634718	28365566	28112179	28370821	0.92	cps
Molybdenum	97-1	15939498	15620023	16147060	15902194	1.67	cps
Molybdenum	98-1	40868839	41911955	42061838	41614211	1.56	cps
Neodymium	150-1	333	360	393	362	8.30	cps
Neodymium	150-2	43	37	20	33	36.05	cps
Nickel	60-2	669221	643691	641288	651400	2.38	cps
Phosphorus	31-2	66872	67533	64436	66280	2.46	cps
Potassium	39-2	4563311	4558330	4425946	4515862	1.73	cps
Rhodium	103-1	6071689	5869261	5885110	5942020	1.89	cps
Rhodium	103-2	2444179	2411676	2439971	2431942	0.73	cps
Scandium	45-1	4844768	4854143	4687551	4795488	1.95	cps
Scandium	45-2	158585	158721	156930	158078	0.63	cps
Selenium	82-1	117870	117003	116711	117195	0.51	cps
Selenium	77-2	3757	3627	3724	3703	1.82	cps
Selenium	78-2	12296	12057	12216	12189	0.99	cps
Silicon	28-1	5457682	5589398	5556643	5534574	1.24	cps
Silver	107-1	7072854	6864564	6948809	6962076	1.50	cps
Silver	109-1	6582533	6351234	6260583	6398117	2.59	cps
Sodium	23-2	25016561	24390998	24168348	24525302	1.79	cps
Strontium	86-1	39272773	40583107	41585145	40480342	2.86	cps
Strontium	88-1	353738600	341002574	357733725	350824966	2.49	cps
Sulfur	34-1	936934	987952	967361	964082	2.66	cps
Terbium	159-1	7618447	7530976	7876562	7675328	2.34	cps
Terbium	159-2	3028586	3104865	3037583	3057011	1.36	cps
Thallium	203-1	4403406	4518636	4372068	4431370	1.74	cps
Thallium	205-1	10433332	10501213	10582409	10505652	0.71	cps
Tin	118-1	3859017	3985892	3898099	3914336	1.66	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 10:15:17	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8253228	8610427	8304097	8389251	2.30	cps
Uranium	238-1	15198008	14877724	14626638	14900790	1.92	cps
Vanadium	51-2	1125390	1084481	1089608	1099826	2.03	cps
Ytterbium	172-1	100	133	125	119	14.53	cps
Ytterbium	172-2	89	72	44	69	32.76	cps
Ytterbium	176-1	19265	20358	19991	19871	2.80	cps
Ytterbium	176-2	14653	14675	14631	14653	0.15	cps
Yttrium	89-1	10544511	10226064	10364712	10378429	1.54	cps
Yttrium	89-2	1097024	1071709	1101543	1090092	1.48	cps
Zinc	66-2	2473248	2357699	2339985	2390311	3.03	cps
Zirconium	90-1	8681241	8630102	8708387	8673243	0.46	cps
Zirconium	91-1	1974295	2009859	2066428	2016861	2.30	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 10:18:23	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5151842	5190333	5084665	5142280	1.04	cps
Antimony	121-1	2192	2300	2800	2431	13.35	cps
Arsenic	75-2	51	52	74	59	22.03	cps
Barium	135-1	3034	3059	3217	3103	3.20	cps
Barium	137-1	5184	5243	5184	5204	0.65	cps
Beryllium	9-1	374	342	340	352	5.34	cps
Bismuth	209-1	4027304	3999746	4100557	4042536	1.29	cps
Bismuth	209-2	2018920	1984215	1938178	1980438	2.05	cps
Boron	10-1	24566	23002	20907	22825	8.04	cps
Boron	11-1	110350	97967	88703	99007	10.97	cps
Bromine	81-1	34367	34790	37841	35666	5.31	cps
Cadmium	111-1	727	762	803	764	4.97	cps
Cadmium	106-1	3250	3259	3242	3250	0.26	cps
Cadmium	108-1	117	92	67	92	27.27	cps
Calcium	43-1	9311265	9031109	8883677	9075350	2.39	cps
Calcium	44-1	148120220	144612319	140018323	144250287	2.82	cps
Carbon	12-1	7585621	7779925	7752903	7706150	1.37	cps
Carbon	12-2	96760	96969	97162	96964	0.21	cps
Chlorine	35-1	190018	190195	189131	189781	0.30	cps
Chlorine	35-2	1558	1550	1300	1470	9.99	cps
Chromium	52-2	9803	9960	9877	9880	0.79	cps
Cobalt	59-2	2307	2257	2500	2355	5.46	cps
Copper	63-2	5354	6311	7606	6424	17.59	cps
Dysprosium	156-1	1058	1042	1192	1097	7.49	cps
Dysprosium	156-2	417	467	370	418	11.57	cps
Erbium	164-1	83	92	83	86	5.58	cps
Erbium	164-2	50	27	33	37	32.78	cps
Gadolinium	160-1	1058	1117	1108	1095	2.88	cps
Gadolinium	160-2	573	560	523	552	4.69	cps
Holmium	165-1	7509589	7264119	7617700	7463803	2.43	cps
Holmium	165-2	3166089	3078829	3135759	3126892	1.42	cps
Indium	115-1	5957778	6056938	6089467	6034727	1.14	cps
Indium	115-2	929147	930942	921012	927033	0.57	cps
Iron	54-2	16945088	17002203	16500172	16815821	1.63	cps
Iron	56-2	307336718	300538618	280311295	296062210	4.75	cps
Iron	57-2	7890279	7555864	7310316	7585486	3.84	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 10:18:23	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	431	434	437	434	0.72	cps
Lead	206-1	4684	4801	4656	4714	1.63	cps
Lead	207-1	4167	3973	3512	3884	8.67	cps
Lead	208-1	18455	18583	17216	18085	4.18	cps
Lithium	6-1	3642319	3565007	3594836	3600721	1.08	cps
Magnesium	24-2	67339697	68123314	66399410	67287474	1.28	cps
Manganese	55-2	8299	8539	8769	8536	2.75	cps
Molybdenum	94-1	5751	5510	6127	5796	5.36	cps
Molybdenum	95-1	7277	7285	6852	7138	3.47	cps
Molybdenum	96-1	17971	18513	18020	18168	1.65	cps
Molybdenum	97-1	5301	4351	4317	4656	12.00	cps
Molybdenum	98-1	11705	10930	10913	11183	4.05	cps
Neodymium	150-1	33	47	27	36	28.64	cps
Neodymium	150-2	13	17	17	16	12.40	cps
Nickel	60-2	2257	2124	2194	2191	3.04	cps
Phosphorus	31-2	783	925	942	883	9.85	cps
Potassium	39-2	23793203	24337000	24105197	24078467	1.13	cps
Rhodium	103-1	5399639	5587792	5747311	5578248	3.12	cps
Rhodium	103-2	2384827	2429809	2376461	2397032	1.20	cps
Scandium	45-1	4767297	4539443	4777121	4694620	2.86	cps
Scandium	45-2	164306	166986	159995	163763	2.15	cps
Selenium	82-1	157	167	174	166	4.93	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	86	74	65	75	14.05	cps
Silicon	28-1	929874	904486	892485	908948	2.10	cps
Silver	107-1	3642	3559	3184	3462	7.06	cps
Silver	109-1	3150	3484	3317	3317	5.03	cps
Sodium	23-2	128950065	126615240	123690190	126418499	2.08	cps
Strontium	86-1	13423	13198	12030	12884	5.80	cps
Strontium	88-1	110168	107532	104014	107238	2.88	cps
Sulfur	34-1	313514	315890	321094	316833	1.22	cps
Terbium	159-1	7347838	7648964	7627894	7541565	2.23	cps
Terbium	159-2	3044535	3061215	3118789	3074846	1.27	cps
Thallium	203-1	1133	1058	1083	1092	3.50	cps
Thallium	205-1	2492	2659	2359	2503	6.01	cps
Tin	118-1	4626	4743	5018	4795	4.19	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 10:18:23	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2159	2259	2075	2164	4.24	cps
Uranium	238-1	1333	1092	1050	1158	13.21	cps
Vanadium	51-2	263	377	487	376	29.73	cps
Ytterbium	172-1	275	417	308	333	22.22	cps
Ytterbium	172-2	183	178	172	178	3.12	cps
Ytterbium	176-1	1367	1450	1433	1417	3.11	cps
Ytterbium	176-2	7241	7764	7647	7550	3.63	cps
Yttrium	89-1	10236310	10103846	10276721	10205626	0.89	cps
Yttrium	89-2	1145738	1118907	1137302	1133983	1.21	cps
Zinc	66-2	1780	1823	1973	1859	5.46	cps
Zirconium	90-1	2500	2684	2442	2542	4.96	cps
Zirconium	91-1	717	542	583	614	14.89	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	ICV02	Instrumnet Name :	P8
Client Sample ID :	ICV02	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 10:42:47	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27272	26404	26443	26706	1.84	cps
Antimony	121-1	910782	905762	870705	895750	2.44	cps
Arsenic	75-2	30216	29933	28993	29714	2.16	cps
Barium	135-1	109578	109787	102690	107352	3.76	cps
Barium	137-1	198482	189638	182138	190086	4.30	cps
Beryllium	9-1	244082	241499	239098	241560	1.03	cps
Bismuth	209-1	4546155	4612763	4547308	4568742	0.83	cps
Bismuth	209-2	2286666	2320987	2240943	2282865	1.76	cps
Boron	10-1	154652	164572	167492	162239	4.15	cps
Boron	11-1	686044	731765	720034	712614	3.33	cps
Bromine	81-1	41154	38122	39236	39504	3.88	cps
Cadmium	111-1	137840	139013	136860	137904	0.78	cps
Cadmium	106-1	30702	29992	30493	30395	1.20	cps
Cadmium	108-1	17762	17311	17336	17470	1.45	cps
Calcium	43-1	40671	40372	39710	40251	1.22	cps
Calcium	44-1	633996	627643	618602	626747	1.23	cps
Carbon	12-1	7732795	7823793	7819409	7791999	0.66	cps
Carbon	12-2	94420	94822	93395	94212	0.78	cps
Chlorine	35-1	217171	219132	214235	216846	1.14	cps
Chlorine	35-2	1567	1492	1500	1520	2.71	cps
Chromium	52-2	144901	147085	140103	144030	2.48	cps
Cobalt	59-2	257385	253028	250183	253532	1.43	cps
Copper	63-2	195497	193020	191008	193175	1.16	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	10	0	0	3	173.21	cps
Erbium	164-1	83	50	58	64	27.15	cps
Erbium	164-2	7	17	17	13	43.29	cps
Gadolinium	160-1	25	50	117	64	74.17	cps
Gadolinium	160-2	90	90	80	87	6.66	cps
Holmium	165-1	7292065	7236554	7515848	7348155	2.01	cps
Holmium	165-2	3046356	3091427	3064311	3067365	0.74	cps
Indium	115-1	5926295	6293729	6163400	6127808	3.04	cps
Indium	115-2	963325	945859	937378	948854	1.39	cps
Iron	54-2	137833	136488	132265	135528	2.14	cps
Iron	56-2	2484752	2417370	2483513	2461879	1.57	cps
Iron	57-2	61823	58704	57678	59402	3.63	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	ICV02	Instrumnet Name :	P8
Client Sample ID :	ICV02	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 10:42:47	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	427	447	386	420	7.43	cps
Lead	206-1	782260	770543	764459	772421	1.17	cps
Lead	207-1	653995	648630	631484	644703	1.82	cps
Lead	208-1	3156012	3052762	3056142	3088305	1.90	cps
Lithium	6-1	3815577	3682290	3754740	3750869	1.78	cps
Magnesium	24-2	158502	155773	154853	156376	1.21	cps
Manganese	55-2	78036	77681	76501	77406	1.04	cps
Molybdenum	94-1	9022644	9104319	8635760	8920907	2.81	cps
Molybdenum	95-1	13080183	12839281	12602875	12840780	1.86	cps
Molybdenum	96-1	14142088	13981949	13910635	14011557	0.85	cps
Molybdenum	97-1	8022880	8080805	7643400	7915695	3.00	cps
Molybdenum	98-1	20787006	19930975	19945773	20221251	2.42	cps
Neodymium	150-1	27	13	27	22	34.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	72534	70832	70910	71425	1.35	cps
Phosphorus	31-2	867	800	975	881	10.03	cps
Potassium	39-2	198863	197305	195010	197059	0.98	cps
Rhodium	103-1	5981078	6394252	6052656	6142662	3.59	cps
Rhodium	103-2	2698232	2668810	2575030	2647358	2.43	cps
Scandium	45-1	4618444	4687060	4837077	4714194	2.37	cps
Scandium	45-2	163167	162250	161226	162215	0.60	cps
Selenium	82-1	25506	26172	25394	25691	1.64	cps
Selenium	77-2	740	717	803	753	5.95	cps
Selenium	78-2	2727	2841	2767	2778	2.08	cps
Silicon	28-1	3047919	3141188	3011031	3066713	2.19	cps
Silver	107-1	360429	360874	339995	353766	3.37	cps
Silver	109-1	337757	338011	337847	337872	0.04	cps
Sodium	23-2	516078	506314	494464	505619	2.14	cps
Strontium	86-1	794797	799454	782576	792276	1.10	cps
Strontium	88-1	6590862	6901644	6675732	6722746	2.39	cps
Sulfur	34-1	318573	313607	309111	313764	1.51	cps
Terbium	159-1	7582762	7901748	7551683	7678731	2.52	cps
Terbium	159-2	3087693	3034499	3101599	3074597	1.15	cps
Thallium	203-1	928092	938430	900634	922385	2.12	cps
Thallium	205-1	2356400	2308670	2213791	2292954	3.17	cps
Tin	118-1	2020594	2034386	1999813	2018264	0.86	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	ICV02	Instrumnet Name :	P8
Client Sample ID :	ICV02	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 10:42:47	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4165591	4182818	4111669	4153359	0.89	cps
Uranium	238-1	7269516	7375511	7203555	7282861	1.19	cps
Vanadium	51-2	112371	111881	108475	110909	1.91	cps
Ytterbium	172-1	58	67	58	61	7.87	cps
Ytterbium	172-2	22	11	22	19	34.64	cps
Ytterbium	176-1	6018	6143	5660	5940	4.23	cps
Ytterbium	176-2	8959	9459	9659	9359	3.86	cps
Yttrium	89-1	10030937	10114323	10365584	10170281	1.71	cps
Yttrium	89-2	1134764	1118823	1113363	1122317	0.99	cps
Zinc	66-2	51570	49182	47965	49572	3.70	cps
Zirconium	90-1	4347724	4339267	4273399	4320130	0.94	cps
Zirconium	91-1	999110	965286	966308	976901	1.97	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:03:07	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1224	1226	1210	1220	0.72	cps
Antimony	121-1	8620	8753	8661	8678	0.79	cps
Arsenic	75-2	150	163	151	155	4.68	cps
Barium	135-1	10354	10204	9570	10043	4.14	cps
Barium	137-1	17637	17128	17420	17395	1.47	cps
Beryllium	9-1	2697	2589	2576	2621	2.54	cps
Bismuth	209-1	4628379	4900752	4654920	4728017	3.18	cps
Bismuth	209-2	2181747	2380908	2215324	2259326	4.72	cps
Boron	10-1	9359	9699	10013	9691	3.38	cps
Boron	11-1	40209	42922	44797	42643	5.41	cps
Bromine	81-1	37579	37550	36726	37285	1.30	cps
Cadmium	111-1	1542	1781	1610	1644	7.49	cps
Cadmium	106-1	2975	3134	3125	3078	2.90	cps
Cadmium	108-1	121	100	129	117	12.88	cps
Calcium	43-1	8859	8805	8727	8797	0.76	cps
Calcium	44-1	149547	148155	147490	148397	0.71	cps
Carbon	12-1	8624272	8401335	8536933	8520847	1.32	cps
Carbon	12-2	100115	100746	91945	97602	5.03	cps
Chlorine	35-1	219352	218202	222608	220054	1.04	cps
Chlorine	35-2	1592	1617	1508	1572	3.61	cps
Chromium	52-2	3350	3110	3137	3199	4.11	cps
Cobalt	59-2	2420	2627	2504	2517	4.13	cps
Copper	63-2	4451	4664	4621	4579	2.46	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	25	42	42	36	26.65	cps
Erbium	164-2	10	23	10	14	53.28	cps
Gadolinium	160-1	75	42	58	58	28.57	cps
Gadolinium	160-2	97	63	93	84	21.74	cps
Holmium	165-1	7178564	7231652	7315127	7241781	0.95	cps
Holmium	165-2	3110397	3115145	2987894	3071145	2.35	cps
Indium	115-1	6411882	6143716	6206848	6254149	2.24	cps
Indium	115-2	963539	968884	950667	961030	0.97	cps
Iron	54-2	3739	4145	3967	3951	5.15	cps
Iron	56-2	62983	61745	61086	61938	1.56	cps
Iron	57-2	1772	1495	1706	1658	8.75	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:03:07	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	395	432	395	407	5.31	cps
Lead	206-1	3951	3840	4090	3960	3.16	cps
Lead	207-1	3423	3428	3840	3564	6.71	cps
Lead	208-1	15743	15810	16315	15956	1.96	cps
Lithium	6-1	3873670	4043381	3880859	3932637	2.44	cps
Magnesium	24-2	68696	68923	67291	68303	1.29	cps
Manganese	55-2	903	697	810	803	12.88	cps
Molybdenum	94-1	10479	10513	10121	10371	2.10	cps
Molybdenum	95-1	13182	13390	12781	13118	2.36	cps
Molybdenum	96-1	14049	14258	14383	14230	1.18	cps
Molybdenum	97-1	8236	7919	7902	8019	2.34	cps
Molybdenum	98-1	20524	19823	20841	20396	2.55	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	10	3	173.21	cps
Nickel	60-2	707	767	693	722	5.41	cps
Phosphorus	31-2	842	875	1033	917	11.17	cps
Potassium	39-2	64118	63440	63030	63529	0.86	cps
Rhodium	103-1	6163754	6277950	6297770	6246492	1.16	cps
Rhodium	103-2	2615059	2638180	2569412	2607550	1.34	cps
Scandium	45-1	4708505	4827590	4828909	4788335	1.44	cps
Scandium	45-2	164294	160626	161388	162102	1.19	cps
Selenium	82-1	641	602	554	599	7.32	cps
Selenium	77-2	10	27	23	20	44.10	cps
Selenium	78-2	120	114	120	118	2.94	cps
Silicon	28-1	856704	849148	851586	852479	0.45	cps
Silver	107-1	7736	7294	7544	7524	2.95	cps
Silver	109-1	6785	7194	6485	6821	5.22	cps
Sodium	23-2	143378	142486	137250	141038	2.35	cps
Strontium	86-1	2009	2392	2267	2222	8.80	cps
Strontium	88-1	14308	13824	13640	13924	2.48	cps
Sulfur	34-1	341010	342736	340808	341518	0.31	cps
Terbium	159-1	7682382	7946608	7788910	7805966	1.70	cps
Terbium	159-2	3049262	2999315	3123971	3057516	2.05	cps
Thallium	203-1	4551	4293	4459	4434	2.95	cps
Thallium	205-1	10438	9737	10746	10307	5.02	cps
Tin	118-1	19706	19306	20349	19787	2.66	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:03:07	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4401	4884	4317	4534	6.75	cps
Uranium	238-1	13149	13007	13032	13063	0.58	cps
Vanadium	51-2	5578	5301	5591	5490	2.98	cps
Ytterbium	172-1	33	42	33	36	13.33	cps
Ytterbium	172-2	22	17	17	19	17.30	cps
Ytterbium	176-1	992	1050	1167	1070	8.33	cps
Ytterbium	176-2	6830	7613	7719	7387	6.58	cps
Yttrium	89-1	10786463	10233202	10376982	10465549	2.74	cps
Yttrium	89-2	1130445	1130401	1130702	1130516	0.01	cps
Zinc	66-2	650	587	610	616	5.20	cps
Zirconium	90-1	9487	9062	8761	9103	4.00	cps
Zirconium	91-1	2150	1942	1975	2022	5.53	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	ICB02	Instrumnet Name :	P8
Client Sample ID :	ICB02	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:10:33	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	45	55	64	55	17.19	cps
Antimony	121-1	8	25	58	31	83.32	cps
Arsenic	75-2	3	3	7	4	53.29	cps
Barium	135-1	0	33	0	11	173.21	cps
Barium	137-1	42	8	8	19	99.00	cps
Beryllium	9-1	44	31	30	35	21.71	cps
Bismuth	209-1	4759386	4627108	4784853	4723783	1.79	cps
Bismuth	209-2	2201893	2244307	2230876	2225692	0.97	cps
Boron	10-1	1530	1408	1340	1426	6.75	cps
Boron	11-1	6336	6244	6154	6245	1.46	cps
Bromine	81-1	37771	38353	35131	37085	4.63	cps
Cadmium	111-1	300	297	310	303	2.35	cps
Cadmium	106-1	2967	3042	3117	3042	2.47	cps
Cadmium	108-1	13	17	38	22	60.27	cps
Calcium	43-1	126	125	164	138	15.92	cps
Calcium	44-1	8613	9077	8712	8800	2.78	cps
Carbon	12-1	7852979	7647214	7840403	7780199	1.48	cps
Carbon	12-2	94814	92323	94948	94028	1.57	cps
Chlorine	35-1	213423	216331	210590	213448	1.34	cps
Chlorine	35-2	1458	1492	1675	1542	7.57	cps
Chromium	52-2	453	420	453	442	4.35	cps
Cobalt	59-2	50	60	30	47	32.73	cps
Copper	63-2	693	657	643	664	3.90	cps
Dysprosium	156-1	0	25	0	8	173.21	cps
Dysprosium	156-2	0	10	3	4	114.60	cps
Erbium	164-1	33	92	42	56	56.79	cps
Erbium	164-2	10	7	13	10	33.30	cps
Gadolinium	160-1	75	42	58	58	28.57	cps
Gadolinium	160-2	100	87	103	97	9.12	cps
Holmium	165-1	7286784	7272928	7443297	7334336	1.29	cps
Holmium	165-2	3024707	2956455	3033685	3004949	1.41	cps
Indium	115-1	6233018	6284368	6401547	6306311	1.37	cps
Indium	115-2	937226	923655	964041	941641	2.18	cps
Iron	54-2	678	622	656	652	4.29	cps
Iron	56-2	3162	3200	3284	3215	1.94	cps
Iron	57-2	250	278	211	246	13.60	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	ICB02	Instrumnet Name :	P8
Client Sample ID :	ICB02	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:10:33	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	424	406	389	406	4.31	cps
Lead	206-1	533	756	561	617	19.64	cps
Lead	207-1	622	556	539	572	7.71	cps
Lead	208-1	2678	2800	2339	2606	9.17	cps
Lithium	6-1	3860994	4046208	3979247	3962150	2.37	cps
Magnesium	24-2	183	283	242	236	21.28	cps
Manganese	55-2	40	23	33	32	26.04	cps
Molybdenum	94-1	158	100	150	136	23.18	cps
Molybdenum	95-1	17	42	42	33	43.30	cps
Molybdenum	96-1	158	175	108	147	23.57	cps
Molybdenum	97-1	17	8	25	17	50.01	cps
Molybdenum	98-1	50	75	50	58	24.74	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	30	33	43	36	19.51	cps
Phosphorus	31-2	1025	933	833	931	10.30	cps
Potassium	39-2	18796	18646	19247	18896	1.66	cps
Rhodium	103-1	6200416	6287552	6204336	6230768	0.79	cps
Rhodium	103-2	2607760	2537452	2649154	2598122	2.17	cps
Scandium	45-1	4831421	4739297	4756406	4775708	1.03	cps
Scandium	45-2	159980	159416	159085	159494	0.28	cps
Selenium	82-1	-35	-30	71	2	2882.04	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	62	66	68	65	4.68	cps
Silicon	28-1	799037	804332	792653	798674	0.73	cps
Silver	107-1	133	208	167	169	22.18	cps
Silver	109-1	200	92	142	144	37.54	cps
Sodium	23-2	22084	20457	21616	21386	3.92	cps
Strontium	86-1	708	675	683	689	2.52	cps
Strontium	88-1	125	117	150	131	13.29	cps
Sulfur	34-1	344049	344953	346780	345261	0.40	cps
Terbium	159-1	7584901	7423214	7678393	7562169	1.71	cps
Terbium	159-2	2987417	2978658	3040411	3002162	1.11	cps
Thallium	203-1	133	67	158	119	39.67	cps
Thallium	205-1	425	358	308	364	16.08	cps
Tin	118-1	433	367	442	414	9.93	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	ICB02	Instrumnet Name :	P8
Client Sample ID :	ICB02	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:10:33	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	242	125	183	183	31.82	cps
Uranium	238-1	17	0	33	17	99.99	cps
Vanadium	51-2	0	0	3	1	173.21	cps
Ytterbium	172-1	58	50	33	47	26.96	cps
Ytterbium	172-2	22	17	22	20	15.73	cps
Ytterbium	176-1	925	892	1175	997	15.53	cps
Ytterbium	176-2	6607	7536	7691	7278	8.05	cps
Yttrium	89-1	10250340	10123533	10283365	10219079	0.83	cps
Yttrium	89-2	1108579	1093519	1117789	1106629	1.11	cps
Zinc	66-2	127	123	147	132	9.54	cps
Zirconium	90-1	392	400	442	411	6.52	cps
Zirconium	91-1	67	75	125	89	35.49	cps

LB Number : LB123301 Operator : Jaswal
 Lab Sample ID : ICSA02 Instrumnet Name : P8
 Client Sample ID : ICSA02 Dilution Factor : 1
 Date & Time Acquired : 2022-12-15 11:13:44 DataFile Name : 015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5029336	5136874	4954668	5040293	1.82	cps
Antimony	121-1	5101	5259	4709	5023	5.64	cps
Arsenic	75-2	45	47	48	47	3.28	cps
Barium	135-1	1533	1483	1508	1508	1.66	cps
Barium	137-1	2684	2834	2600	2706	4.37	cps
Beryllium	9-1	686	701	694	694	1.08	cps
Bismuth	209-1	4386065	4355927	4382371	4374787	0.38	cps
Bismuth	209-2	2152833	2206532	2167173	2175512	1.28	cps
Boron	10-1	1390	1502	1448	1446	3.87	cps
Boron	11-1	6584	6394	6374	6451	1.80	cps
Bromine	81-1	37720	38763	36736	37740	2.69	cps
Cadmium	111-1	1007	800	735	847	16.79	cps
Cadmium	106-1	3042	3200	2992	3078	3.53	cps
Cadmium	108-1	1121	1142	1104	1122	1.67	cps
Calcium	43-1	1853123	1810462	1802948	1822178	1.49	cps
Calcium	44-1	29597681	28254297	29287488	29046489	2.42	cps
Carbon	12-1	24569825	24855029	24619118	24681324	0.62	cps
Carbon	12-2	291496	291696	283914	289035	1.53	cps
Chlorine	35-1	12985320	14601441	15897863	14494875	10.07	cps
Chlorine	35-2	144954	153847	156735	151845	4.04	cps
Chromium	52-2	28772	28251	27934	28319	1.49	cps
Cobalt	59-2	3030	2874	2950	2951	2.65	cps
Copper	63-2	15165	15168	14741	15025	1.63	cps
Dysprosium	156-1	42	42	17	33	43.30	cps
Dysprosium	156-2	17	10	10	12	31.50	cps
Erbium	164-1	50	83	42	58	37.80	cps
Erbium	164-2	10	7	37	18	92.48	cps
Gadolinium	160-1	75	50	67	64	19.92	cps
Gadolinium	160-2	100	130	77	102	26.15	cps
Holmium	165-1	7418607	7635661	7361414	7471894	1.94	cps
Holmium	165-2	3243725	3184284	3138363	3188791	1.66	cps
Indium	115-1	6194124	6294953	6073904	6187660	1.79	cps
Indium	115-2	923109	936268	942910	934095	1.08	cps
Iron	54-2	6544282	6571992	6565364	6560546	0.22	cps
Iron	56-2	121640747	117845272	120849561	120111860	1.67	cps
Iron	57-2	3118156	3022658	3013506	3051440	1.90	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	ICSA02	Instrumnet Name :	P8
Client Sample ID :	ICSA02	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:13:44	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	429	419	386	411	5.40	cps
Lead	206-1	19966	19888	21162	20339	3.51	cps
Lead	207-1	16522	16550	16177	16416	1.27	cps
Lead	208-1	75525	76617	77819	76654	1.50	cps
Lithium	6-1	3742376	3799499	3763598	3768491	0.77	cps
Magnesium	24-2	13485372	13104904	12804526	13131601	2.60	cps
Manganese	55-2	6215	6201	6158	6191	0.48	cps
Molybdenum	94-1	3002615	3057288	2997087	3018997	1.10	cps
Molybdenum	95-1	5069749	5091193	5064401	5075114	0.28	cps
Molybdenum	96-1	5348399	5581358	5537245	5489001	2.25	cps
Molybdenum	97-1	3249487	3308820	3181398	3246568	1.96	cps
Molybdenum	98-1	7977153	8371007	8154083	8167414	2.42	cps
Neodymium	150-1	27	27	27	27	0.00	cps
Neodymium	150-2	10	3	23	12	83.33	cps
Nickel	60-2	4307	4264	4141	4237	2.04	cps
Phosphorus	31-2	326261	329164	325524	326983	0.59	cps
Potassium	39-2	9091301	9336911	8989768	9139327	1.95	cps
Rhodium	103-1	6084508	5902722	5978939	5988723	1.52	cps
Rhodium	103-2	2484611	2548233	2574138	2535661	1.82	cps
Scandium	45-1	4938324	4790931	4729670	4819641	2.23	cps
Scandium	45-2	164177	165527	163786	164497	0.56	cps
Selenium	82-1	14	42	71	42	67.65	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	54	74	58	62	17.07	cps
Silicon	28-1	934984	948690	957887	947187	1.22	cps
Silver	107-1	200	125	217	181	27.04	cps
Silver	109-1	125	125	200	150	28.87	cps
Sodium	23-2	25424452	24913984	24776733	25038390	1.36	cps
Strontium	86-1	59394	57838	56883	58039	2.18	cps
Strontium	88-1	488369	497526	496451	494115	1.01	cps
Sulfur	34-1	3507517	3428097	3380295	3438636	1.87	cps
Terbium	159-1	7862546	7835293	7780369	7826069	0.53	cps
Terbium	159-2	3115449	3153443	3209210	3159368	1.49	cps
Thallium	203-1	758	767	733	753	2.31	cps
Thallium	205-1	2025	1750	1759	1845	8.48	cps
Tin	118-1	1383	1192	1217	1264	8.24	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	ICSA02	Instrumnet Name :	P8
Client Sample ID :	ICSA02	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:13:44	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1717898	1725910	1704465	1716091	0.63	cps
Uranium	238-1	167	250	217	211	19.87	cps
Vanadium	51-2	203	240	203	216	9.82	cps
Ytterbium	172-1	33	25	50	36	35.25	cps
Ytterbium	172-2	11	28	22	20	41.67	cps
Ytterbium	176-1	975	1233	1092	1100	11.76	cps
Ytterbium	176-2	7474	7725	7730	7643	1.91	cps
Yttrium	89-1	10515301	10161608	10473049	10383319	1.86	cps
Yttrium	89-2	1120488	1139967	1141494	1133983	1.03	cps
Zinc	66-2	2840	2857	3004	2900	3.10	cps
Zirconium	90-1	525	533	492	517	4.27	cps
Zirconium	91-1	150	75	150	125	34.64	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	ICSAB02	Instrumnet Name :	P8
Client Sample ID :	ICSAB02	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:16:43	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5059650	5089937	5041992	5063860	0.48	cps
Antimony	121-1	98042	97648	97481	97724	0.29	cps
Arsenic	75-2	3017	2957	2954	2976	1.19	cps
Barium	135-1	23763	23396	23654	23605	0.80	cps
Barium	137-1	43304	42376	43956	43212	1.84	cps
Beryllium	9-1	48481	48022	47717	48073	0.80	cps
Bismuth	209-1	4567927	4620209	4638679	4608938	0.80	cps
Bismuth	209-2	2231440	2253694	2172749	2219295	1.88	cps
Boron	10-1	19275	20114	19952	19780	2.25	cps
Boron	11-1	86882	89478	88145	88168	1.47	cps
Bromine	81-1	37680	40993	42088	40253	5.70	cps
Cadmium	111-1	26426	27132	26726	26761	1.32	cps
Cadmium	106-1	7144	7377	7302	7274	1.64	cps
Cadmium	108-1	3388	3534	3430	3450	2.18	cps
Calcium	43-1	1978271	1888033	1838092	1901465	3.74	cps
Calcium	44-1	30791581	30702441	30248488	30580837	0.95	cps
Carbon	12-1	25439623	26093839	26017132	25850198	1.38	cps
Carbon	12-2	300736	298151	294978	297955	0.97	cps
Chlorine	35-1	19299114	21448902	22860625	21202881	8.46	cps
Chlorine	35-2	189344	192427	193101	191624	1.05	cps
Chromium	52-2	58322	59102	56303	57909	2.49	cps
Cobalt	59-2	54357	52433	52768	53186	1.93	cps
Copper	63-2	52932	53230	52336	52832	0.86	cps
Dysprosium	156-1	42	42	25	36	26.65	cps
Dysprosium	156-2	0	10	3	4	114.60	cps
Erbium	164-1	17	50	83	50	66.67	cps
Erbium	164-2	27	17	13	19	36.75	cps
Gadolinium	160-1	50	58	67	58	14.29	cps
Gadolinium	160-2	77	113	123	104	23.53	cps
Holmium	165-1	7809178	7808888	7757392	7791819	0.38	cps
Holmium	165-2	3126172	3189179	3245332	3186894	1.87	cps
Indium	115-1	6318878	6299688	6151434	6256667	1.46	cps
Indium	115-2	933114	951871	952763	945916	1.17	cps
Iron	54-2	6731251	6929378	6643818	6768149	2.16	cps
Iron	56-2	124025225	123868978	123057800	123650668	0.42	cps
Iron	57-2	3139857	3223050	3127828	3163578	1.64	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	ICSAB02	Instrumnet Name :	P8
Client Sample ID :	ICSAB02	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:16:43	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	420	465	457	447	5.39	cps
Lead	206-1	113410	113528	112631	113190	0.43	cps
Lead	207-1	94622	94226	92760	93869	1.05	cps
Lead	208-1	438793	439941	435909	438214	0.47	cps
Lithium	6-1	3712787	3851489	3848630	3804302	2.08	cps
Magnesium	24-2	13195374	12975814	12891996	13021061	1.20	cps
Manganese	55-2	22578	22147	21553	22093	2.33	cps
Molybdenum	94-1	3480047	3410081	3429261	3439797	1.05	cps
Molybdenum	95-1	5489994	5541581	5552955	5528177	0.61	cps
Molybdenum	96-1	5988292	6002662	5903970	5964975	0.89	cps
Molybdenum	97-1	3426238	3542360	3435313	3467970	1.86	cps
Molybdenum	98-1	8596199	8611452	8679304	8628985	0.51	cps
Neodymium	150-1	40	13	13	22	69.30	cps
Neodymium	150-2	17	13	3	11	62.48	cps
Nickel	60-2	18262	17548	17397	17736	2.60	cps
Phosphorus	31-2	335814	330186	331455	332485	0.89	cps
Potassium	39-2	9261020	9141819	9408659	9270499	1.44	cps
Rhodium	103-1	6238807	6161221	6304976	6235001	1.15	cps
Rhodium	103-2	2588805	2586950	2632124	2602626	0.98	cps
Scandium	45-1	4927994	5017648	4991894	4979179	0.93	cps
Scandium	45-2	166168	164699	169672	166846	1.53	cps
Selenium	82-1	2479	2421	2481	2460	1.38	cps
Selenium	77-2	60	53	63	59	8.65	cps
Selenium	78-2	330	300	291	307	6.65	cps
Silicon	28-1	1184871	1158127	1187716	1176905	1.39	cps
Silver	107-1	132553	134364	132256	133058	0.86	cps
Silver	109-1	132866	128978	128062	129969	1.96	cps
Sodium	23-2	25211502	25799523	25289614	25433546	1.26	cps
Strontium	86-1	149817	150281	153686	151261	1.40	cps
Strontium	88-1	1299527	1292832	1328752	1307037	1.46	cps
Sulfur	34-1	3627099	3544603	3486564	3552755	1.99	cps
Terbium	159-1	7989709	7655872	7802382	7815988	2.14	cps
Terbium	159-2	3101416	3212021	3191382	3168273	1.86	cps
Thallium	203-1	92791	91348	91591	91910	0.84	cps
Thallium	205-1	219361	220138	219127	219542	0.24	cps
Tin	118-1	222721	226480	222065	223756	1.06	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	ICSAB02	Instrumnet Name :	P8
Client Sample ID :	ICSAB02	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:16:43	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1817560	1831556	1871949	1840355	1.53	cps
Uranium	238-1	799977	786473	785713	790721	1.01	cps
Vanadium	51-2	22945	23503	23246	23231	1.20	cps
Ytterbium	172-1	50	33	50	44	21.66	cps
Ytterbium	172-2	22	22	22	22	0.00	cps
Ytterbium	176-1	2334	2100	2375	2270	6.53	cps
Ytterbium	176-2	7764	8353	8281	8132	3.95	cps
Yttrium	89-1	10708915	10981344	10927907	10872722	1.33	cps
Yttrium	89-2	1165288	1139612	1171461	1158787	1.46	cps
Zinc	66-2	7799	8112	7675	7862	2.87	cps
Zirconium	90-1	519480	513893	526407	519927	1.21	cps
Zirconium	91-1	118613	116159	115580	116784	1.38	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:31:34	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2689645	2516289	2595436	2600456	3.34	cps
Antimony	121-1	2344194	2306409	2256164	2302256	1.92	cps
Arsenic	75-2	71354	72122	71349	71608	0.62	cps
Barium	135-1	2838985	2920587	2948818	2902797	1.96	cps
Barium	137-1	5076658	5085650	4787577	4983295	3.40	cps
Beryllium	9-1	1176137	1173407	1164968	1171504	0.50	cps
Bismuth	209-1	4461722	4403850	4495925	4453832	1.04	cps
Bismuth	209-2	2047443	2170277	2232619	2150113	4.38	cps
Boron	10-1	223011	230556	233382	228983	2.34	cps
Boron	11-1	909872	904124	998032	937343	5.62	cps
Bromine	81-1	38433	37460	36476	37456	2.61	cps
Cadmium	111-1	643201	640715	644132	642682	0.27	cps
Cadmium	106-1	78994	79774	78131	78966	1.04	cps
Cadmium	108-1	53487	53018	53884	53463	0.81	cps
Calcium	43-1	4392606	4517719	4536197	4482174	1.74	cps
Calcium	44-1	71732486	73579118	71032829	72114811	1.82	cps
Carbon	12-1	8719841	8846305	8626045	8730730	1.27	cps
Carbon	12-2	105192	103890	106031	105038	1.03	cps
Chlorine	35-1	930572	912109	909013	917231	1.27	cps
Chlorine	35-2	6327	6510	6535	6457	1.76	cps
Chromium	52-2	743188	740100	740184	741158	0.24	cps
Cobalt	59-2	1278446	1283362	1271224	1277677	0.48	cps
Copper	63-2	10075555	10093400	9909341	10026099	1.01	cps
Dysprosium	156-1	600	625	567	597	4.90	cps
Dysprosium	156-2	253	240	250	248	2.80	cps
Erbium	164-1	117	75	92	94	22.21	cps
Erbium	164-2	23	20	13	19	26.96	cps
Gadolinium	160-1	433	683	642	586	22.85	cps
Gadolinium	160-2	390	337	387	371	8.05	cps
Holmium	165-1	7464153	7589139	7478370	7510554	0.91	cps
Holmium	165-2	3206819	3241675	3185872	3211455	0.88	cps
Indium	115-1	6245826	6312006	6203966	6253933	0.87	cps
Indium	115-2	915881	936730	942011	931541	1.48	cps
Iron	54-2	8682180	8552262	8491481	8575307	1.14	cps
Iron	56-2	151567615	156234803	155003392	154268603	1.57	cps
Iron	57-2	3880973	3725607	3882533	3829704	2.35	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:31:34	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	445	414	462	440	5.61	cps
Lead	206-1	9510423	9336945	9572541	9473303	1.29	cps
Lead	207-1	8350692	8300904	8277208	8309602	0.45	cps
Lead	208-1	38359279	37986809	38183047	38176378	0.49	cps
Lithium	6-1	3846074	3821994	3981594	3883221	2.22	cps
Magnesium	24-2	35996129	34949726	34037696	34994517	2.80	cps
Manganese	55-2	4101753	4134993	4182216	4139654	0.98	cps
Molybdenum	94-1	9490040	9511546	9582500	9528029	0.51	cps
Molybdenum	95-1	13679804	13789678	13747936	13739139	0.40	cps
Molybdenum	96-1	14586072	15061112	14694241	14780475	1.68	cps
Molybdenum	97-1	8161842	8471201	8214389	8282477	2.00	cps
Molybdenum	98-1	21426277	21814283	22076170	21772243	1.50	cps
Neodymium	150-1	260	280	247	262	6.40	cps
Neodymium	150-2	13	30	23	22	37.76	cps
Nickel	60-2	357258	359088	352053	356133	1.02	cps
Phosphorus	31-2	35878	34250	34642	34923	2.43	cps
Potassium	39-2	12108509	11985647	12160574	12084910	0.74	cps
Rhodium	103-1	5845898	5900617	6009370	5918628	1.41	cps
Rhodium	103-2	2460737	2545793	2594196	2533575	2.67	cps
Scandium	45-1	4757402	4729361	4856333	4781032	1.40	cps
Scandium	45-2	163154	167763	165634	165517	1.39	cps
Selenium	82-1	60749	60179	60255	60394	0.51	cps
Selenium	77-2	1903	1943	2003	1950	2.58	cps
Selenium	78-2	6531	6425	6438	6465	0.89	cps
Silicon	28-1	11645242	11836514	11384218	11621991	1.95	cps
Silver	107-1	3549838	3581969	3617953	3583254	0.95	cps
Silver	109-1	3361358	3468023	3502652	3444011	2.14	cps
Sodium	23-2	65647868	62865526	62570553	63694649	2.67	cps
Strontium	86-1	20921827	21753010	21280042	21318293	1.96	cps
Strontium	88-1	190519279	190901717	186361654	189260883	1.33	cps
Sulfur	34-1	753470	752837	743431	749912	0.75	cps
Terbium	159-1	7857995	7830705	8049981	7912894	1.51	cps
Terbium	159-2	3035959	3163242	3152512	3117238	2.26	cps
Thallium	203-1	2293377	2233146	2261312	2262612	1.33	cps
Thallium	205-1	5329398	5399866	5240883	5323382	1.50	cps
Tin	118-1	2112174	2127934	2071589	2103899	1.38	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:31:34	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4394778	4446005	4446830	4429204	0.67	cps
Uranium	238-1	7372910	7337741	7453425	7388025	0.80	cps
Vanadium	51-2	605247	596315	591882	597815	1.14	cps
Ytterbium	172-1	317	225	208	250	23.33	cps
Ytterbium	172-2	94	72	67	78	18.90	cps
Ytterbium	176-1	10930	10638	10830	10799	1.37	cps
Ytterbium	176-2	10966	11511	11844	11440	3.88	cps
Yttrium	89-1	10550646	10535942	10713504	10600031	0.93	cps
Yttrium	89-2	1141794	1162307	1135344	1146482	1.23	cps
Zinc	66-2	1207324	1232475	1193292	1211030	1.64	cps
Zirconium	90-1	4618117	4518087	4595153	4577119	1.14	cps
Zirconium	91-1	1046290	1053304	1051605	1050400	0.35	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:40:08	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	90	81	77	83	7.74	cps
Antimony	121-1	117	208	258	194	36.95	cps
Arsenic	75-2	10	5	2	6	71.32	cps
Barium	135-1	33	8	17	19	65.47	cps
Barium	137-1	33	117	92	81	53.09	cps
Beryllium	9-1	64	75	52	64	17.65	cps
Bismuth	209-1	4874934	4828457	4823551	4842314	0.59	cps
Bismuth	209-2	2247989	2288896	2244881	2260589	1.09	cps
Boron	10-1	5330	5252	5142	5241	1.80	cps
Boron	11-1	23202	22429	21782	22471	3.16	cps
Bromine	81-1	36315	36405	35171	35964	1.91	cps
Cadmium	111-1	303	293	295	297	1.83	cps
Cadmium	106-1	2750	2750	2775	2759	0.52	cps
Cadmium	108-1	38	17	17	24	50.93	cps
Calcium	43-1	144	155	159	152	5.12	cps
Calcium	44-1	9252	9801	9413	9489	2.97	cps
Carbon	12-1	7754473	7931751	7860243	7848822	1.14	cps
Carbon	12-2	97976	93045	94033	95018	2.75	cps
Chlorine	35-1	619114	624507	615024	619548	0.77	cps
Chlorine	35-2	4076	4801	4301	4392	8.45	cps
Chromium	52-2	500	540	540	527	4.39	cps
Cobalt	59-2	43	53	83	60	34.70	cps
Copper	63-2	990	1000	973	988	1.36	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	17	42	25	28	45.82	cps
Erbium	164-2	10	0	13	8	89.21	cps
Gadolinium	160-1	25	92	50	56	60.62	cps
Gadolinium	160-2	70	103	97	90	19.60	cps
Holmium	165-1	7409383	7462742	7448199	7440108	0.37	cps
Holmium	165-2	3019960	2934621	3156927	3037170	3.69	cps
Indium	115-1	6262766	6350234	6190227	6267742	1.28	cps
Indium	115-2	934428	919325	929249	927668	0.83	cps
Iron	54-2	761	578	606	648	15.25	cps
Iron	56-2	4768	4962	3834	4521	13.34	cps
Iron	57-2	206	178	228	204	12.30	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:40:08	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	412	437	395	415	5.15	cps
Lead	206-1	889	722	822	811	10.34	cps
Lead	207-1	800	706	789	765	6.75	cps
Lead	208-1	3528	3250	3434	3404	4.15	cps
Lithium	6-1	3907162	3936636	4046782	3963527	1.86	cps
Magnesium	24-2	525	767	275	522	47.08	cps
Manganese	55-2	90	123	43	86	46.97	cps
Molybdenum	94-1	292	233	233	253	13.32	cps
Molybdenum	95-1	125	108	125	119	8.05	cps
Molybdenum	96-1	308	292	367	322	12.22	cps
Molybdenum	97-1	83	117	117	106	18.23	cps
Molybdenum	98-1	342	150	192	228	44.26	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	53	50	47	50	6.66	cps
Phosphorus	31-2	1025	692	883	867	19.30	cps
Potassium	39-2	20557	20598	19772	20309	2.29	cps
Rhodium	103-1	5933975	6262717	6083344	6093346	2.70	cps
Rhodium	103-2	2662632	2570882	2564441	2599318	2.11	cps
Scandium	45-1	4836474	4804615	4748097	4796395	0.93	cps
Scandium	45-2	161769	158977	155437	158728	2.00	cps
Selenium	82-1	-6	-16	32	3	772.19	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	63	65	70	66	5.46	cps
Silicon	28-1	793921	791141	798882	794648	0.49	cps
Silver	107-1	458	542	508	503	8.34	cps
Silver	109-1	433	467	458	453	3.83	cps
Sodium	23-2	25514	26224	24605	25448	3.19	cps
Strontium	86-1	850	825	675	783	12.08	cps
Strontium	88-1	783	742	842	789	6.37	cps
Sulfur	34-1	306127	307148	306737	306671	0.17	cps
Terbium	159-1	7684249	7714712	7659208	7686056	0.36	cps
Terbium	159-2	3067967	3104993	2917197	3030052	3.28	cps
Thallium	203-1	700	758	792	750	6.19	cps
Thallium	205-1	1542	1633	1700	1625	4.89	cps
Tin	118-1	392	483	492	456	12.18	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:40:08	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	125	125	167	139	17.32	cps
Uranium	238-1	42	58	33	44	28.65	cps
Vanadium	51-2	13	3	3	7	86.65	cps
Ytterbium	172-1	58	75	58	64	15.06	cps
Ytterbium	172-2	11	11	11	11	0.00	cps
Ytterbium	176-1	1100	1108	1117	1108	0.75	cps
Ytterbium	176-2	7096	7569	7352	7339	3.22	cps
Yttrium	89-1	10282938	10141987	10150243	10191722	0.78	cps
Yttrium	89-2	1107587	1115822	1093497	1105635	1.02	cps
Zinc	66-2	127	167	137	143	14.52	cps
Zirconium	90-1	392	367	492	417	15.88	cps
Zirconium	91-1	100	117	108	108	7.69	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:44:27	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1147	1097	1074	1106	3.40	cps
Antimony	121-1	9245	8945	8578	8923	3.74	cps
Arsenic	75-2	168	147	173	163	8.48	cps
Barium	135-1	10246	10121	9929	10099	1.58	cps
Barium	137-1	18997	19047	17420	18488	5.01	cps
Beryllium	9-1	2552	2562	2566	2560	0.28	cps
Bismuth	209-1	4966422	4837076	5062171	4955223	2.28	cps
Bismuth	209-2	2304750	2243649	2230186	2259528	1.76	cps
Boron	10-1	11314	11526	11887	11576	2.50	cps
Boron	11-1	48930	51097	52431	50819	3.48	cps
Bromine	81-1	35622	35482	36977	36027	2.29	cps
Cadmium	111-1	1771	1651	1624	1682	4.63	cps
Cadmium	106-1	3225	3075	2934	3078	4.74	cps
Cadmium	108-1	146	117	117	126	13.32	cps
Calcium	43-1	9198	9074	9009	9094	1.05	cps
Calcium	44-1	157190	154857	152404	154817	1.55	cps
Carbon	12-1	8547809	8493147	8498548	8513168	0.35	cps
Carbon	12-2	97732	97541	100073	98449	1.43	cps
Chlorine	35-1	551270	549308	550099	550226	0.18	cps
Chlorine	35-2	4334	4084	3684	4034	8.13	cps
Chromium	52-2	3247	3224	3127	3199	1.99	cps
Cobalt	59-2	2650	2404	2497	2517	4.95	cps
Copper	63-2	4844	4828	4694	4789	1.72	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	10	3	10	8	49.52	cps
Erbium	164-1	42	8	58	36	70.51	cps
Erbium	164-2	13	10	0	8	89.21	cps
Gadolinium	160-1	75	42	17	44	65.84	cps
Gadolinium	160-2	113	100	43	86	43.45	cps
Holmium	165-1	7414502	7627069	7482837	7508136	1.45	cps
Holmium	165-2	3096932	3147174	3081064	3108390	1.11	cps
Indium	115-1	6406266	6347513	6165771	6306517	1.99	cps
Indium	115-2	957418	942092	924632	941381	1.74	cps
Iron	54-2	4006	4062	3978	4015	1.06	cps
Iron	56-2	63168	61427	59714	61436	2.81	cps
Iron	57-2	1745	1583	1589	1639	5.58	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:44:27	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	372	445	441	420	9.73	cps
Lead	206-1	4495	4284	4245	4342	3.10	cps
Lead	207-1	3645	3901	3728	3758	3.47	cps
Lead	208-1	17922	17105	17277	17435	2.47	cps
Lithium	6-1	3940518	3863915	4053095	3952509	2.41	cps
Magnesium	24-2	67315	67868	67557	67580	0.41	cps
Manganese	55-2	810	733	823	789	6.16	cps
Molybdenum	94-1	10913	10980	10513	10802	2.34	cps
Molybdenum	95-1	13348	13657	13332	13446	1.36	cps
Molybdenum	96-1	14633	14850	15234	14906	2.04	cps
Molybdenum	97-1	8053	8486	8261	8267	2.62	cps
Molybdenum	98-1	21275	21676	21342	21431	1.00	cps
Neodymium	150-1	20	0	7	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	693	663	807	721	10.48	cps
Phosphorus	31-2	833	808	825	822	1.55	cps
Potassium	39-2	65165	61925	63658	63582	2.55	cps
Rhodium	103-1	6437812	6250685	6433379	6373958	1.68	cps
Rhodium	103-2	2641768	2623408	2622428	2629201	0.41	cps
Scandium	45-1	4777598	4883209	4767086	4809298	1.34	cps
Scandium	45-2	162134	157202	154837	158058	2.36	cps
Selenium	82-1	724	637	551	637	13.53	cps
Selenium	77-2	17	7	33	19	71.30	cps
Selenium	78-2	106	123	109	113	8.05	cps
Silicon	28-1	845268	850760	843978	846669	0.43	cps
Silver	107-1	7361	7319	7344	7341	0.29	cps
Silver	109-1	6769	7436	7035	7080	4.74	cps
Sodium	23-2	142756	144193	142226	143058	0.71	cps
Strontium	86-1	2250	2792	2359	2467	11.62	cps
Strontium	88-1	15167	15718	15768	15551	2.14	cps
Sulfur	34-1	316758	313040	314127	314642	0.61	cps
Terbium	159-1	7773135	7950869	7616833	7780279	2.15	cps
Terbium	159-2	3096124	3012090	2967800	3025338	2.15	cps
Thallium	203-1	5076	4843	4518	4812	5.83	cps
Thallium	205-1	11372	12081	12064	11839	3.42	cps
Tin	118-1	20633	20115	20291	20346	1.29	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:44:27	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4417	4634	4551	4534	2.41	cps
Uranium	238-1	13708	13633	14083	13808	1.75	cps
Vanadium	51-2	5788	5161	5131	5360	6.92	cps
Ytterbium	172-1	17	33	25	25	33.32	cps
Ytterbium	172-2	6	6	17	9	69.24	cps
Ytterbium	176-1	1000	1000	1133	1045	7.37	cps
Ytterbium	176-2	7608	7363	7180	7384	2.91	cps
Yttrium	89-1	10644986	10606417	10418428	10556610	1.15	cps
Yttrium	89-2	1127478	1092491	1101598	1107189	1.64	cps
Zinc	66-2	653	670	643	656	2.05	cps
Zirconium	90-1	9295	9378	9604	9426	1.69	cps
Zirconium	91-1	2059	2025	1950	2011	2.76	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	N3980-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT3-	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:47:39	DataFile Name :	021AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	797	824	934	852	8.49	cps
Antimony	121-1	3426	3317	3442	3395	2.00	cps
Arsenic	75-2	89	116	110	105	13.50	cps
Barium	135-1	4042	3784	3451	3759	7.89	cps
Barium	137-1	6685	6543	6435	6555	1.91	cps
Beryllium	9-1	1755	1752	1815	1774	1.99	cps
Bismuth	209-1	4558702	4706753	4685293	4650249	1.72	cps
Bismuth	209-2	2359946	2247492	2192137	2266525	3.77	cps
Boron	10-1	3656	3510	3338	3501	4.55	cps
Boron	11-1	16272	15871	15135	15759	3.66	cps
Bromine	81-1	36817	37659	35994	36823	2.26	cps
Cadmium	111-1	1221	1361	1213	1265	6.60	cps
Cadmium	106-1	3134	3125	3367	3209	4.28	cps
Cadmium	108-1	108	79	88	92	16.39	cps
Calcium	43-1	1492	1425	1429	1449	2.62	cps
Calcium	44-1	30621	30803	30362	30595	0.72	cps
Carbon	12-1	8152182	8009751	8205966	8122633	1.25	cps
Carbon	12-2	94377	95905	95199	95160	0.80	cps
Chlorine	35-1	454683	449415	448273	450791	0.76	cps
Chlorine	35-2	3492	3434	3167	3364	5.15	cps
Chromium	52-2	1467	1467	1593	1509	4.85	cps
Cobalt	59-2	1900	2027	1907	1945	3.67	cps
Copper	63-2	3644	3577	3884	3702	4.36	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	58	17	33	66.13	cps
Erbium	164-2	10	13	13	12	15.73	cps
Gadolinium	160-1	8	67	92	56	76.98	cps
Gadolinium	160-2	127	157	83	122	30.17	cps
Holmium	165-1	6832038	7444889	7480667	7252531	5.03	cps
Holmium	165-2	3137052	3183767	3077315	3132711	1.70	cps
Indium	115-1	5741783	6248479	6129894	6040052	4.39	cps
Indium	115-2	958294	940543	947038	948625	0.95	cps
Iron	54-2	3067	3150	3423	3213	5.79	cps
Iron	56-2	46047	45116	50451	47205	6.04	cps
Iron	57-2	1195	1106	1289	1196	7.66	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	N3980-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT3-	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:47:39	DataFile Name :	021AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	410	430	419	420	2.39	cps
Lead	206-1	3223	3273	3256	3250	0.78	cps
Lead	207-1	2739	2711	2945	2799	4.56	cps
Lead	208-1	12669	12836	12669	12725	0.76	cps
Lithium	6-1	3747050	3831018	3961510	3846526	2.81	cps
Magnesium	24-2	10696	10279	10696	10557	2.28	cps
Manganese	55-2	1210	1220	1307	1246	4.27	cps
Molybdenum	94-1	3209	3084	3442	3245	5.61	cps
Molybdenum	95-1	2017	1867	1717	1867	8.04	cps
Molybdenum	96-1	2492	2425	2209	2375	6.24	cps
Molybdenum	97-1	1075	1083	1000	1053	4.36	cps
Molybdenum	98-1	3050	3009	2959	3006	1.53	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	520	550	587	552	6.05	cps
Phosphorus	31-2	825	967	983	925	9.41	cps
Potassium	39-2	23010	23136	23395	23180	0.85	cps
Rhodium	103-1	5794071	6123994	6528234	6148767	5.98	cps
Rhodium	103-2	2586652	2607970	2646144	2613589	1.15	cps
Scandium	45-1	4521928	4875069	4649433	4682143	3.82	cps
Scandium	45-2	162853	161571	160766	161730	0.65	cps
Selenium	82-1	89	13	96	66	70.39	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	69	68	70	69	1.45	cps
Silicon	28-1	801510	793766	792261	795846	0.62	cps
Silver	107-1	4918	5468	5309	5232	5.41	cps
Silver	109-1	5410	5318	5360	5362	0.86	cps
Sodium	23-2	41752	41259	41568	41526	0.60	cps
Strontium	86-1	1850	1692	1892	1811	5.83	cps
Strontium	88-1	10629	10396	10062	10362	2.75	cps
Sulfur	34-1	322906	318428	319237	320191	0.75	cps
Terbium	159-1	7184627	7833842	7349397	7455956	4.53	cps
Terbium	159-2	3174337	3147895	3187768	3170000	0.64	cps
Thallium	203-1	3434	3567	3559	3520	2.12	cps
Thallium	205-1	8562	8353	7761	8225	5.05	cps
Tin	118-1	3317	3017	2984	3106	5.91	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	N3980-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT3-	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:47:39	DataFile Name :	021AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	867	967	558	797	26.70	cps
Uranium	238-1	9504	9787	9512	9601	1.68	cps
Vanadium	51-2	767	863	840	823	6.13	cps
Ytterbium	172-1	67	33	42	47	36.74	cps
Ytterbium	172-2	28	11	28	22	43.31	cps
Ytterbium	176-1	1200	1117	1108	1142	4.44	cps
Ytterbium	176-2	7619	7841	8225	7895	3.88	cps
Yttrium	89-1	9688427	10394843	10366817	10150029	3.94	cps
Yttrium	89-2	1123889	1126592	1129063	1126515	0.23	cps
Zinc	66-2	740	653	750	714	7.44	cps
Zirconium	90-1	6068	6135	6735	6313	5.82	cps
Zirconium	91-1	1500	1367	1300	1389	7.33	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	N3980-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-03-QT3-2022	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:54:27	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	300	320	284	301	6.03	cps
Antimony	121-1	1083	1133	1025	1081	5.02	cps
Arsenic	75-2	41	41	37	40	5.82	cps
Barium	135-1	1100	1367	1125	1197	12.30	cps
Barium	137-1	2359	2317	2025	2234	8.13	cps
Beryllium	9-1	635	602	611	616	2.73	cps
Bismuth	209-1	4622007	4847962	4920023	4796664	3.24	cps
Bismuth	209-2	2342222	2233425	2240988	2272211	2.67	cps
Boron	10-1	2074	2034	2048	2052	0.99	cps
Boron	11-1	9251	8977	8989	9072	1.71	cps
Bromine	81-1	38092	38253	38302	38215	0.29	cps
Cadmium	111-1	656	600	702	652	7.84	cps
Cadmium	106-1	3017	3275	3292	3195	4.83	cps
Cadmium	108-1	42	88	33	54	53.85	cps
Calcium	43-1	580	562	564	569	1.72	cps
Calcium	44-1	16131	16306	16038	16158	0.84	cps
Carbon	12-1	8535291	8381374	8367383	8428016	1.11	cps
Carbon	12-2	99922	100031	97624	99192	1.37	cps
Chlorine	35-1	414295	409636	402939	408957	1.40	cps
Chlorine	35-2	3234	2817	2792	2948	8.42	cps
Chromium	52-2	807	773	757	779	3.27	cps
Cobalt	59-2	647	707	613	656	7.22	cps
Copper	63-2	1923	1717	1763	1801	6.02	cps
Dysprosium	156-1	8	8	33	17	86.62	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	8	50	31	68.64	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	33	33	92	53	63.82	cps
Gadolinium	160-2	97	70	113	93	23.42	cps
Holmium	165-1	7305848	7459667	7612852	7459456	2.06	cps
Holmium	165-2	3190749	2892451	3174013	3085738	5.43	cps
Indium	115-1	6140004	6410653	6380344	6310334	2.35	cps
Indium	115-2	963716	911611	935666	936998	2.78	cps
Iron	54-2	1461	1439	1306	1402	6.00	cps
Iron	56-2	17784	17505	17172	17487	1.75	cps
Iron	57-2	528	517	506	517	2.15	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	N3980-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-03-QT3-2022	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:54:27	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	470	447	397	438	8.47	cps
Lead	206-1	1545	1472	1528	1515	2.50	cps
Lead	207-1	1356	1422	1272	1350	5.57	cps
Lead	208-1	5934	6101	6006	6014	1.39	cps
Lithium	6-1	3836600	3907172	4054420	3932731	2.83	cps
Magnesium	24-2	3384	3159	3375	3306	3.86	cps
Manganese	55-2	373	453	387	404	10.60	cps
Molybdenum	94-1	2809	2909	2775	2831	2.45	cps
Molybdenum	95-1	3309	3350	3267	3309	1.26	cps
Molybdenum	96-1	3884	4059	3592	3845	6.13	cps
Molybdenum	97-1	2050	2175	2025	2084	3.86	cps
Molybdenum	98-1	5576	5343	5360	5426	2.40	cps
Neodymium	150-1	13	0	20	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	217	270	217	234	13.14	cps
Phosphorus	31-2	892	883	775	850	7.66	cps
Potassium	39-2	20373	21191	20248	20604	2.49	cps
Rhodium	103-1	6297120	6286115	6261382	6281539	0.29	cps
Rhodium	103-2	2685018	2575643	2612854	2624505	2.12	cps
Scandium	45-1	4778145	4882634	4826242	4829007	1.08	cps
Scandium	45-2	164871	154157	157173	158733	3.48	cps
Selenium	82-1	274	306	335	305	10.05	cps
Selenium	77-2	13	10	3	9	57.30	cps
Selenium	78-2	85	98	93	92	7.13	cps
Silicon	28-1	792723	795669	780885	789759	0.99	cps
Silver	107-1	2009	1925	1925	1953	2.46	cps
Silver	109-1	1750	1784	1617	1717	5.14	cps
Sodium	23-2	28745	28370	27827	28314	1.63	cps
Strontium	86-1	1050	1250	1092	1131	9.33	cps
Strontium	88-1	4126	3709	3892	3909	5.34	cps
Sulfur	34-1	333585	336520	333459	334521	0.52	cps
Terbium	159-1	7643596	7509416	7632662	7595225	0.98	cps
Terbium	159-2	3129227	2949406	3015009	3031214	3.00	cps
Thallium	203-1	1317	1258	1650	1408	15.01	cps
Thallium	205-1	3384	3459	3426	3423	1.10	cps
Tin	118-1	1317	1275	1425	1339	5.78	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	N3980-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-03-QT3-2022	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:54:27	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1192	1233	1342	1256	6.17	cps
Uranium	238-1	3075	3526	3084	3228	7.98	cps
Vanadium	51-2	303	290	177	257	27.12	cps
Ytterbium	172-1	50	42	33	42	20.00	cps
Ytterbium	172-2	28	28	11	22	43.31	cps
Ytterbium	176-1	1017	1158	1258	1145	10.61	cps
Ytterbium	176-2	7563	7814	7936	7771	2.44	cps
Yttrium	89-1	10453345	10440154	10268810	10387436	0.99	cps
Yttrium	89-2	1150706	1087264	1107825	1115265	2.90	cps
Zinc	66-2	230	260	277	256	9.25	cps
Zirconium	90-1	2084	2475	2475	2345	9.65	cps
Zirconium	91-1	617	633	483	578	14.23	cps

LB Number : LB123301 Operator : Jaswal
 Lab Sample ID : N3980-07 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired : 2022-12-15 11:57:42 DataFile Name : 024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	786	846	809	814	3.72	cps
Antimony	121-1	2975	3000	3034	3003	0.97	cps
Arsenic	75-2	115	123	108	115	6.51	cps
Barium	135-1	3917	3659	3559	3712	4.98	cps
Barium	137-1	6785	6577	6152	6505	4.96	cps
Beryllium	9-1	1691	1745	1639	1692	3.14	cps
Bismuth	209-1	4831486	4668973	4590755	4697072	2.61	cps
Bismuth	209-2	2313864	2362996	2317783	2331548	1.17	cps
Boron	10-1	1918	1982	1808	1902	4.63	cps
Boron	11-1	8299	8087	8437	8274	2.13	cps
Bromine	81-1	36797	37168	37720	37228	1.25	cps
Cadmium	111-1	1198	1208	1203	1203	0.40	cps
Cadmium	106-1	3084	3300	2984	3123	5.19	cps
Cadmium	108-1	92	79	83	85	7.51	cps
Calcium	43-1	1502	1565	1566	1544	2.36	cps
Calcium	44-1	32036	31951	31781	31923	0.41	cps
Carbon	12-1	8751378	9037371	8351944	8713564	3.95	cps
Carbon	12-2	98178	97565	94923	96889	1.79	cps
Chlorine	35-1	368627	362793	364393	365271	0.83	cps
Chlorine	35-2	2842	2550	2734	2709	5.44	cps
Chromium	52-2	1583	1503	1420	1502	5.44	cps
Cobalt	59-2	1763	1880	1963	1869	5.38	cps
Copper	63-2	3380	3580	3407	3456	3.14	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	50	8	50	36	66.62	cps
Erbium	164-2	10	13	13	12	15.73	cps
Gadolinium	160-1	42	42	50	44	10.82	cps
Gadolinium	160-2	107	123	93	108	13.95	cps
Holmium	165-1	7113122	6945883	7366641	7141882	2.97	cps
Holmium	165-2	3165073	3055223	3108735	3109677	1.77	cps
Indium	115-1	6211968	6276696	6176354	6221672	0.82	cps
Indium	115-2	964039	949758	953590	955796	0.77	cps
Iron	54-2	2945	2839	2950	2911	2.15	cps
Iron	56-2	47044	45952	45216	46071	2.00	cps
Iron	57-2	1161	1267	1372	1267	8.33	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	N3980-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:57:42	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	430	424	397	417	4.13	cps
Lead	206-1	3395	3012	3217	3208	5.98	cps
Lead	207-1	2806	2761	2806	2791	0.92	cps
Lead	208-1	12669	12981	12519	12723	1.85	cps
Lithium	6-1	3871636	3822307	3723919	3805954	1.98	cps
Magnesium	24-2	9970	10746	9712	10143	5.31	cps
Manganese	55-2	1190	1183	1137	1170	2.48	cps
Molybdenum	94-1	3117	3175	3467	3253	5.77	cps
Molybdenum	95-1	2025	1550	2067	1881	15.26	cps
Molybdenum	96-1	2234	2425	2292	2317	4.24	cps
Molybdenum	97-1	992	1258	1067	1106	12.44	cps
Molybdenum	98-1	2650	2800	3034	2828	6.83	cps
Neodymium	150-1	0	20	0	7	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	583	527	587	566	5.96	cps
Phosphorus	31-2	842	892	875	869	2.93	cps
Potassium	39-2	23228	23428	23219	23292	0.51	cps
Rhodium	103-1	6153724	6263933	6219551	6212403	0.89	cps
Rhodium	103-2	2597189	2573035	2725589	2631938	3.12	cps
Scandium	45-1	4658794	4739480	4572340	4656871	1.79	cps
Scandium	45-2	163412	160703	160798	161638	0.95	cps
Selenium	82-1	129	69	106	101	29.93	cps
Selenium	77-2	10	0	3	4	114.60	cps
Selenium	78-2	58	72	63	64	11.03	cps
Silicon	28-1	801765	797414	795733	798304	0.39	cps
Silver	107-1	4934	5109	5543	5196	6.03	cps
Silver	109-1	5218	4893	4776	4962	4.61	cps
Sodium	23-2	39955	40298	39404	39886	1.13	cps
Strontium	86-1	1667	1925	1942	1845	8.36	cps
Strontium	88-1	10171	10412	9237	9940	6.25	cps
Sulfur	34-1	335879	338274	335052	336402	0.50	cps
Terbium	159-1	7526642	7281962	7596688	7468431	2.21	cps
Terbium	159-2	3059664	3080102	3051050	3063605	0.49	cps
Thallium	203-1	3351	2959	3167	3159	6.21	cps
Thallium	205-1	7519	8111	7886	7839	3.81	cps
Tin	118-1	3292	2942	3142	3125	5.62	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	N3980-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 11:57:42	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	758	650	742	717	8.14	cps
Uranium	238-1	8895	10146	9487	9509	6.58	cps
Vanadium	51-2	813	733	707	751	7.39	cps
Ytterbium	172-1	25	17	33	25	33.32	cps
Ytterbium	172-2	22	17	11	17	33.33	cps
Ytterbium	176-1	1275	1275	867	1139	20.70	cps
Ytterbium	176-2	7319	8286	7897	7834	6.21	cps
Yttrium	89-1	10488377	10506008	10189140	10394508	1.71	cps
Yttrium	89-2	1140290	1115871	1129529	1128563	1.08	cps
Zinc	66-2	1157	1007	1003	1056	8.30	cps
Zirconium	90-1	6710	6168	6102	6327	5.28	cps
Zirconium	91-1	1550	1358	1517	1475	6.94	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	N3980-09	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT3-20	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:00:54	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	307	327	301	312	4.39	cps
Antimony	121-1	1067	1258	1192	1172	8.30	cps
Arsenic	75-2	35	26	30	30	14.87	cps
Barium	135-1	1275	1175	1008	1153	11.69	cps
Barium	137-1	2309	2217	2384	2303	3.63	cps
Beryllium	9-1	634	600	582	605	4.30	cps
Bismuth	209-1	4831056	4629160	4684706	4714974	2.21	cps
Bismuth	209-2	2319754	2163809	2327785	2270449	4.07	cps
Boron	10-1	1544	1452	1568	1521	4.03	cps
Boron	11-1	6642	6648	6426	6572	1.92	cps
Bromine	81-1	37138	38071	38593	37934	1.94	cps
Cadmium	111-1	543	620	630	598	7.97	cps
Cadmium	106-1	3259	3342	3192	3264	2.30	cps
Cadmium	108-1	58	38	38	44	27.06	cps
Calcium	43-1	571	549	566	562	2.10	cps
Calcium	44-1	16246	16321	15928	16165	1.29	cps
Carbon	12-1	8288976	8496010	8387222	8390736	1.23	cps
Carbon	12-2	98640	96827	99176	98214	1.25	cps
Chlorine	35-1	366256	367467	364493	366072	0.41	cps
Chlorine	35-2	2809	2492	2409	2570	8.21	cps
Chromium	52-2	837	727	810	791	7.25	cps
Cobalt	59-2	580	597	730	636	12.94	cps
Copper	63-2	1730	1513	1497	1580	8.24	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	50	25	33	43.30	cps
Erbium	164-2	7	17	10	11	45.82	cps
Gadolinium	160-1	50	17	92	53	71.20	cps
Gadolinium	160-2	67	107	110	94	25.53	cps
Holmium	165-1	7164112	7533103	7558716	7418644	2.98	cps
Holmium	165-2	3080196	3013883	3180829	3091636	2.72	cps
Indium	115-1	6271754	6447525	6243819	6321033	1.75	cps
Indium	115-2	959610	951204	937202	949338	1.19	cps
Iron	54-2	1367	1328	1350	1348	1.45	cps
Iron	56-2	17250	17266	17316	17277	0.20	cps
Iron	57-2	583	522	478	528	10.04	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	N3980-09	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT3-20	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:00:54	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	427	360	427	405	9.62	cps
Lead	206-1	1761	1628	1306	1565	14.97	cps
Lead	207-1	1445	1328	1400	1391	4.23	cps
Lead	208-1	6590	6256	5995	6280	4.74	cps
Lithium	6-1	3938838	3829182	3865376	3877799	1.44	cps
Magnesium	24-2	3809	3717	3467	3664	4.83	cps
Manganese	55-2	417	360	360	379	8.64	cps
Molybdenum	94-1	2725	2775	2725	2742	1.05	cps
Molybdenum	95-1	3325	3476	3275	3359	3.10	cps
Molybdenum	96-1	4234	3851	3826	3970	5.77	cps
Molybdenum	97-1	2000	2125	1959	2028	4.28	cps
Molybdenum	98-1	5618	5226	5093	5312	5.14	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	193	187	217	199	7.92	cps
Phosphorus	31-2	808	625	733	722	12.76	cps
Potassium	39-2	20924	20432	20181	20512	1.84	cps
Rhodium	103-1	6035797	6357470	6301536	6231601	2.76	cps
Rhodium	103-2	2660181	2702029	2655053	2672421	0.96	cps
Scandium	45-1	4797429	4714133	4848824	4786795	1.42	cps
Scandium	45-2	162651	158618	157905	159725	1.60	cps
Selenium	82-1	321	324	302	316	3.68	cps
Selenium	77-2	27	10	7	14	74.18	cps
Selenium	78-2	91	77	101	90	13.44	cps
Silicon	28-1	797090	796575	799301	797656	0.18	cps
Silver	107-1	1758	1842	1759	1786	2.69	cps
Silver	109-1	1892	1892	1550	1778	11.10	cps
Sodium	23-2	27284	28445	26850	27527	3.00	cps
Strontium	86-1	925	958	1067	983	7.53	cps
Strontium	88-1	3692	3517	3359	3523	4.73	cps
Sulfur	34-1	343025	342197	341865	342362	0.17	cps
Terbium	159-1	7783089	7478337	7356777	7539401	2.91	cps
Terbium	159-2	3034243	2941577	3004279	2993366	1.58	cps
Thallium	203-1	1525	1233	1400	1386	10.56	cps
Thallium	205-1	3359	3050	3559	3323	7.71	cps
Tin	118-1	1500	1525	1242	1422	11.03	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	N3980-09	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-03-QT3-20	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:00:54	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1283	1108	1108	1167	8.66	cps
Uranium	238-1	3317	3142	3284	3248	2.86	cps
Vanadium	51-2	233	217	267	239	10.66	cps
Ytterbium	172-1	33	50	50	44	21.66	cps
Ytterbium	172-2	22	0	17	13	89.21	cps
Ytterbium	176-1	1042	1008	1050	1033	2.13	cps
Ytterbium	176-2	7930	8047	8125	8034	1.22	cps
Yttrium	89-1	10219436	10151394	10286523	10219118	0.66	cps
Yttrium	89-2	1120256	1099419	1104059	1107911	0.99	cps
Zinc	66-2	250	260	280	263	5.80	cps
Zirconium	90-1	2459	2517	2767	2581	6.35	cps
Zirconium	91-1	508	467	658	544	18.52	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	N3980-10	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:04:34	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	799	795	779	791	1.34	cps
Antimony	121-1	3134	3225	3159	3173	1.49	cps
Arsenic	75-2	102	85	117	101	15.80	cps
Barium	135-1	3926	3792	3576	3765	4.69	cps
Barium	137-1	6952	6819	6644	6805	2.27	cps
Beryllium	9-1	1809	1762	1719	1763	2.55	cps
Bismuth	209-1	4672413	4693638	4859376	4741809	2.16	cps
Bismuth	209-2	2306410	2317204	2279624	2301079	0.84	cps
Boron	10-1	1426	1400	1304	1376	4.67	cps
Boron	11-1	6270	6118	6260	6216	1.37	cps
Bromine	81-1	39397	37851	39316	38855	2.24	cps
Cadmium	111-1	1327	1296	1281	1301	1.79	cps
Cadmium	106-1	3250	3225	3242	3239	0.39	cps
Cadmium	108-1	117	79	92	96	19.92	cps
Calcium	43-1	1441	1401	1332	1392	3.95	cps
Calcium	44-1	29817	30218	29553	29863	1.12	cps
Carbon	12-1	8027532	8010320	8148831	8062228	0.94	cps
Carbon	12-2	96550	95669	96717	96312	0.58	cps
Chlorine	35-1	324845	324385	327530	325587	0.52	cps
Chlorine	35-2	2634	2584	2267	2495	7.97	cps
Chromium	52-2	1447	1513	1323	1428	6.75	cps
Cobalt	59-2	1903	1837	1810	1850	2.60	cps
Copper	63-2	3524	3314	3377	3405	3.16	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	42	25	50	39	32.73	cps
Erbium	164-2	7	13	13	11	34.61	cps
Gadolinium	160-1	33	50	58	47	26.97	cps
Gadolinium	160-2	103	107	93	101	6.87	cps
Holmium	165-1	7533664	7419602	7293657	7415641	1.62	cps
Holmium	165-2	3080252	3114997	3163171	3119473	1.33	cps
Indium	115-1	6351144	6288037	6181116	6273432	1.37	cps
Indium	115-2	952188	948539	960601	953776	0.65	cps
Iron	54-2	2911	2823	2989	2908	2.87	cps
Iron	56-2	45105	44715	43243	44354	2.21	cps
Iron	57-2	1350	1156	1239	1248	7.82	cps

LB Number : LB123301 Operator : Jaswal
 Lab Sample ID : N3980-10 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
 Date & Time Acquired : 2022-12-15 12:04:34 DataFile Name : 026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	431	407	404	414	3.60	cps
Lead	206-1	3134	3000	3250	3128	4.00	cps
Lead	207-1	2773	2723	2611	2702	3.05	cps
Lead	208-1	12970	12536	12553	12686	1.94	cps
Lithium	6-1	3965266	3769075	4013093	3915811	3.30	cps
Magnesium	24-2	10362	9812	9820	9998	3.15	cps
Manganese	55-2	1153	1130	1113	1132	1.77	cps
Molybdenum	94-1	3584	3300	3384	3423	4.26	cps
Molybdenum	95-1	1784	1934	1583	1767	9.94	cps
Molybdenum	96-1	2642	2292	2509	2481	7.12	cps
Molybdenum	97-1	1167	983	1225	1125	11.21	cps
Molybdenum	98-1	3109	2792	3009	2970	5.45	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	583	460	467	503	13.78	cps
Phosphorus	31-2	958	858	767	861	11.13	cps
Potassium	39-2	22827	22735	22142	22568	1.65	cps
Rhodium	103-1	6288066	6268417	6545829	6367437	2.43	cps
Rhodium	103-2	2651062	2644289	2634575	2643309	0.31	cps
Scandium	45-1	4951839	4855378	4957467	4921561	1.17	cps
Scandium	45-2	163107	164078	161289	162825	0.87	cps
Selenium	82-1	53	189	77	106	68.26	cps
Selenium	77-2	3	10	3	6	69.34	cps
Selenium	78-2	65	68	67	67	2.29	cps
Silicon	28-1	805113	808578	795831	803174	0.82	cps
Silver	107-1	5601	5485	5268	5451	3.10	cps
Silver	109-1	5360	4743	4643	4915	7.90	cps
Sodium	23-2	38101	38401	39061	38521	1.28	cps
Strontium	86-1	1842	1800	1608	1750	7.11	cps
Strontium	88-1	9912	10154	10079	10048	1.23	cps
Sulfur	34-1	351422	346158	345583	347721	0.93	cps
Terbium	159-1	7684050	7813171	7724866	7740696	0.85	cps
Terbium	159-2	3044171	3117968	3093989	3085376	1.22	cps
Thallium	203-1	3309	3292	3059	3220	4.34	cps
Thallium	205-1	7928	8220	8086	8078	1.81	cps
Tin	118-1	3401	3225	2967	3198	6.82	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	N3980-10	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:04:34	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	775	675	825	758	10.07	cps
Uranium	238-1	9871	9370	9579	9607	2.62	cps
Vanadium	51-2	713	747	750	737	2.75	cps
Ytterbium	172-1	67	42	42	50	28.87	cps
Ytterbium	172-2	17	17	17	17	0.00	cps
Ytterbium	176-1	1058	1225	1075	1120	8.20	cps
Ytterbium	176-2	7953	7525	8053	7843	3.58	cps
Yttrium	89-1	10697468	10506272	10848583	10684108	1.61	cps
Yttrium	89-2	1137511	1132655	1118771	1129646	0.86	cps
Zinc	66-2	547	610	640	599	7.96	cps
Zirconium	90-1	6552	7244	6477	6757	6.26	cps
Zirconium	91-1	1408	1567	1358	1445	7.53	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	N3980-12	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-06-QT3-20	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:07:46	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	341	316	289	315	8.32	cps
Antimony	121-1	1067	1117	1225	1136	7.12	cps
Arsenic	75-2	35	43	25	34	26.27	cps
Barium	135-1	1217	1292	1233	1247	3.16	cps
Barium	137-1	2109	2467	2309	2295	7.83	cps
Beryllium	9-1	674	655	611	647	4.96	cps
Bismuth	209-1	4728408	4648901	4692192	4689834	0.85	cps
Bismuth	209-2	2125333	2248677	2265665	2213225	3.46	cps
Boron	10-1	1120	1130	1072	1107	2.80	cps
Boron	11-1	4924	5002	4700	4875	3.22	cps
Bromine	81-1	39727	38031	38032	38597	2.54	cps
Cadmium	111-1	638	661	678	659	3.05	cps
Cadmium	106-1	3409	3217	3100	3242	4.80	cps
Cadmium	108-1	46	21	46	37	38.49	cps
Calcium	43-1	631	587	556	592	6.37	cps
Calcium	44-1	16255	16317	16032	16201	0.93	cps
Carbon	12-1	8491308	8427471	8528734	8482504	0.60	cps
Carbon	12-2	102532	97037	97934	99168	2.97	cps
Chlorine	35-1	336792	338596	327973	334454	1.70	cps
Chlorine	35-2	2334	2225	2375	2311	3.35	cps
Chromium	52-2	787	703	803	764	7.01	cps
Cobalt	59-2	680	643	680	668	3.17	cps
Copper	63-2	1653	1587	1767	1669	5.45	cps
Dysprosium	156-1	25	0	8	11	114.58	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	58	50	17	42	52.91	cps
Erbium	164-2	0	3	17	7	132.33	cps
Gadolinium	160-1	25	92	58	58	57.14	cps
Gadolinium	160-2	107	103	63	91	26.47	cps
Holmium	165-1	7342494	7581904	7216548	7380315	2.51	cps
Holmium	165-2	2945060	3144219	3104006	3064428	3.44	cps
Indium	115-1	6173591	6511756	6091644	6258997	3.56	cps
Indium	115-2	876654	962316	946200	928390	4.90	cps
Iron	54-2	1589	1489	1445	1508	4.91	cps
Iron	56-2	17756	17422	17461	17546	1.04	cps
Iron	57-2	489	572	572	544	8.84	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	N3980-12	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-06-QT3-20	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:07:46	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	409	396	437	414	5.11	cps
Lead	206-1	1483	1539	1489	1504	2.03	cps
Lead	207-1	1378	1522	1356	1419	6.38	cps
Lead	208-1	6245	6790	6040	6358	6.10	cps
Lithium	6-1	3797569	4024538	3802879	3874996	3.34	cps
Magnesium	24-2	3642	3434	3342	3473	4.43	cps
Manganese	55-2	383	437	380	400	7.95	cps
Molybdenum	94-1	2550	2767	2992	2770	7.97	cps
Molybdenum	95-1	3200	3334	3617	3384	6.29	cps
Molybdenum	96-1	3859	3601	3634	3698	3.80	cps
Molybdenum	97-1	1984	2292	2250	2175	7.69	cps
Molybdenum	98-1	5626	5101	5034	5254	6.17	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	233	213	167	204	16.73	cps
Phosphorus	31-2	783	783	858	808	5.36	cps
Potassium	39-2	21300	21675	20815	21263	2.03	cps
Rhodium	103-1	6361629	6454773	6192971	6336458	2.09	cps
Rhodium	103-2	2459252	2614219	2594073	2555848	3.30	cps
Scandium	45-1	4869118	4895925	4885441	4883495	0.28	cps
Scandium	45-2	151973	160639	162655	158422	3.58	cps
Selenium	82-1	351	291	296	313	10.64	cps
Selenium	77-2	7	20	3	10	88.20	cps
Selenium	78-2	99	108	80	96	14.94	cps
Silicon	28-1	804109	803177	806571	804619	0.22	cps
Silver	107-1	1900	1867	1767	1845	3.76	cps
Silver	109-1	1683	1483	1700	1622	7.43	cps
Sodium	23-2	26558	26917	26875	26783	0.73	cps
Strontium	86-1	1033	1108	1008	1050	4.96	cps
Strontium	88-1	3576	3309	3667	3517	5.29	cps
Sulfur	34-1	347640	348658	349381	348559	0.25	cps
Terbium	159-1	7671611	7706443	7640206	7672753	0.43	cps
Terbium	159-2	2885449	2985775	2959297	2943507	1.77	cps
Thallium	203-1	1433	1408	1550	1464	5.17	cps
Thallium	205-1	3451	3192	3184	3276	4.63	cps
Tin	118-1	1725	1492	1392	1536	11.14	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	N3980-12	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-06-QT3-20	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:07:46	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1125	1142	1092	1120	2.27	cps
Uranium	238-1	3334	2984	3184	3167	5.55	cps
Vanadium	51-2	280	263	333	292	12.51	cps
Ytterbium	172-1	25	58	17	33	66.14	cps
Ytterbium	172-2	22	6	11	13	65.44	cps
Ytterbium	176-1	1183	1300	1200	1228	5.14	cps
Ytterbium	176-2	7069	7741	8019	7610	6.42	cps
Yttrium	89-1	10387721	10900079	10531798	10606533	2.49	cps
Yttrium	89-2	1040817	1124257	1132921	1099332	4.63	cps
Zinc	66-2	233	203	267	234	13.51	cps
Zirconium	90-1	2775	2617	2467	2620	5.89	cps
Zirconium	91-1	450	483	592	508	14.57	cps

LB Number : LB123301 Operator : Jaswal
 Lab Sample ID : PB149525BL Instrumnet Name : P8
 Client Sample ID : PB149525BL Dilution Factor : 1
 Date & Time Acquired : 2022-12-15 12:14:13 DataFile Name : 028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	61	59	82	67	19.34	cps
Antimony	121-1	33	17	25	25	33.32	cps
Arsenic	75-2	4	4	6	5	24.74	cps
Barium	135-1	17	8	0	8	100.02	cps
Barium	137-1	42	17	25	28	45.82	cps
Beryllium	9-1	33	42	29	35	20.54	cps
Bismuth	209-1	4651656	4876849	5010789	4846431	3.74	cps
Bismuth	209-2	2308735	2287696	2339032	2311821	1.12	cps
Boron	10-1	846	774	792	804	4.66	cps
Boron	11-1	3510	3488	3344	3447	2.62	cps
Bromine	81-1	37369	39387	37137	37964	3.26	cps
Cadmium	111-1	282	283	287	284	0.84	cps
Cadmium	106-1	3000	2959	3059	3006	1.67	cps
Cadmium	108-1	38	42	33	38	11.12	cps
Calcium	43-1	106	115	102	108	5.94	cps
Calcium	44-1	8808	8713	8804	8775	0.61	cps
Carbon	12-1	7992026	8179912	7974367	8048768	1.42	cps
Carbon	12-2	94394	94143	95711	94749	0.89	cps
Chlorine	35-1	290498	287234	283070	286934	1.30	cps
Chlorine	35-2	2184	2067	1975	2075	5.03	cps
Chromium	52-2	443	480	443	456	4.65	cps
Cobalt	59-2	63	50	57	57	11.76	cps
Copper	63-2	653	743	730	709	6.85	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	17	8	25	17	50.01	cps
Erbium	164-2	13	7	17	12	41.65	cps
Gadolinium	160-1	25	50	25	33	43.30	cps
Gadolinium	160-2	117	77	97	97	20.69	cps
Holmium	165-1	7343471	7240931	8081074	7555159	6.07	cps
Holmium	165-2	3067672	3050993	3059139	3059268	0.27	cps
Indium	115-1	6124683	6327318	6676199	6376067	4.38	cps
Indium	115-2	963125	960307	961703	961712	0.15	cps
Iron	54-2	639	678	633	650	3.73	cps
Iron	56-2	3112	3078	3106	3099	0.58	cps
Iron	57-2	150	178	261	196	29.46	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149525BL	Instrumnet Name :	P8
Client Sample ID :	PB149525BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:14:13	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	442	412	422	426	3.59	cps
Lead	206-1	672	767	594	678	12.72	cps
Lead	207-1	639	567	650	619	7.32	cps
Lead	208-1	2822	2878	2695	2798	3.36	cps
Lithium	6-1	3758475	4021064	4100243	3959927	4.52	cps
Magnesium	24-2	167	150	150	156	6.19	cps
Manganese	55-2	37	40	43	40	8.32	cps
Molybdenum	94-1	175	117	175	156	21.65	cps
Molybdenum	95-1	8	8	8	8	0.00	cps
Molybdenum	96-1	175	67	133	125	43.72	cps
Molybdenum	97-1	33	8	0	14	124.91	cps
Molybdenum	98-1	33	83	33	50	57.75	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	43	27	43	38	25.46	cps
Phosphorus	31-2	725	800	758	761	4.94	cps
Potassium	39-2	20265	20373	20006	20215	0.93	cps
Rhodium	103-1	6362554	6368373	6556595	6429174	1.72	cps
Rhodium	103-2	2704253	2654055	2640998	2666436	1.25	cps
Scandium	45-1	5003992	4856894	5357723	5072870	5.07	cps
Scandium	45-2	162065	165510	161760	163112	1.28	cps
Selenium	82-1	-54	-9	-3	-22	-129.04	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	58	54	48	53	9.44	cps
Silicon	28-1	803303	801396	799891	801530	0.21	cps
Silver	107-1	117	100	92	103	12.39	cps
Silver	109-1	83	108	58	83	30.00	cps
Sodium	23-2	20590	19722	20431	20248	2.28	cps
Strontium	86-1	658	592	683	644	7.35	cps
Strontium	88-1	175	183	167	175	4.76	cps
Sulfur	34-1	354403	353855	353616	353958	0.11	cps
Terbium	159-1	7677268	7700496	8500464	7959409	5.89	cps
Terbium	159-2	3038751	3138096	3072930	3083259	1.64	cps
Thallium	203-1	300	275	300	292	4.95	cps
Thallium	205-1	775	775	725	758	3.81	cps
Tin	118-1	442	442	333	406	15.42	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149525BL	Instrumnet Name :	P8
Client Sample ID :	PB149525BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:14:13	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	175	242	133	183	29.81	cps
Uranium	238-1	8	17	8	11	43.34	cps
Vanadium	51-2	0	3	7	3	100.05	cps
Ytterbium	172-1	42	58	42	47	20.37	cps
Ytterbium	172-2	6	17	22	15	57.25	cps
Ytterbium	176-1	1075	1175	1092	1114	4.81	cps
Ytterbium	176-2	7625	7886	8108	7873	3.08	cps
Yttrium	89-1	10435155	10640743	10978202	10684700	2.57	cps
Yttrium	89-2	1136967	1137538	1126445	1133650	0.55	cps
Zinc	66-2	123	150	110	128	15.94	cps
Zirconium	90-1	383	417	442	414	7.07	cps
Zirconium	91-1	83	25	83	64	52.72	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149525BS	Instrumnet Name :	P8
Client Sample ID :	PB149525BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:17:23	DataFile Name :	029LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2299	2241	2219	2253	1.83	cps
Antimony	121-1	17520	18321	17153	17665	3.38	cps
Arsenic	75-2	327	275	323	308	9.39	cps
Barium	135-1	21868	20541	19239	20550	6.40	cps
Barium	137-1	37520	37370	35272	36720	3.42	cps
Beryllium	9-1	4908	4849	4861	4873	0.64	cps
Bismuth	209-1	4821460	4549047	4781354	4717287	3.12	cps
Bismuth	209-2	2232472	2316443	2232847	2260587	2.14	cps
Boron	10-1	16340	17069	17481	16963	3.41	cps
Boron	11-1	71548	73208	76799	73852	3.63	cps
Bromine	81-1	38755	40571	38483	39270	2.89	cps
Cadmium	111-1	3218	3070	2955	3081	4.27	cps
Cadmium	106-1	3742	3767	3476	3662	4.42	cps
Cadmium	108-1	213	254	204	224	11.98	cps
Calcium	43-1	18471	18316	18379	18389	0.42	cps
Calcium	44-1	299481	301148	294278	298302	1.20	cps
Carbon	12-1	8071677	8011728	7912050	7998485	1.01	cps
Carbon	12-2	92466	93648	92323	92812	0.78	cps
Chlorine	35-1	329066	334052	332746	331955	0.78	cps
Chlorine	35-2	2500	2425	2317	2414	3.82	cps
Chromium	52-2	6615	6558	6682	6618	0.93	cps
Cobalt	59-2	5318	5221	5218	5252	1.08	cps
Copper	63-2	8823	9060	8849	8911	1.46	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	0	3	10	4	114.60	cps
Erbium	164-1	25	58	8	31	83.33	cps
Erbium	164-2	13	13	7	11	34.61	cps
Gadolinium	160-1	58	58	25	47	40.76	cps
Gadolinium	160-2	103	97	80	93	12.88	cps
Holmium	165-1	7185311	7459088	7681659	7442019	3.34	cps
Holmium	165-2	3113260	3129072	3108255	3116862	0.35	cps
Indium	115-1	5974022	6230723	6335511	6180085	3.01	cps
Indium	115-2	963611	964423	944196	957410	1.20	cps
Iron	54-2	26720	27833	26213	26922	3.08	cps
Iron	56-2	499053	491016	472888	487652	2.75	cps
Iron	57-2	12433	12161	12094	12230	1.47	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149525BS	Instrumnet Name :	P8
Client Sample ID :	PB149525BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:17:23	DataFile Name :	029LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	366	399	436	400	8.75	cps
Lead	206-1	7897	7830	7636	7788	1.74	cps
Lead	207-1	6707	6863	6857	6809	1.30	cps
Lead	208-1	31104	31332	30843	31093	0.79	cps
Lithium	6-1	3992654	3982429	3847650	3940911	2.05	cps
Magnesium	24-2	137406	133729	131643	134260	2.17	cps
Manganese	55-2	1670	1707	1720	1699	1.52	cps
Molybdenum	94-1	10930	10154	10446	10510	3.73	cps
Molybdenum	95-1	6618	6085	6360	6354	4.20	cps
Molybdenum	96-1	8119	7761	7936	7939	2.26	cps
Molybdenum	97-1	4167	3701	3617	3828	7.75	cps
Molybdenum	98-1	9895	9887	10054	9946	0.95	cps
Neodymium	150-1	27	7	7	13	86.58	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1627	1703	1647	1659	2.40	cps
Phosphorus	31-2	608	983	725	772	24.85	cps
Potassium	39-2	110044	109749	108944	109579	0.52	cps
Rhodium	103-1	6389459	6267476	6177806	6278247	1.69	cps
Rhodium	103-2	2637498	2713617	2657976	2669697	1.48	cps
Scandium	45-1	4712112	4940443	4838045	4830200	2.37	cps
Scandium	45-2	160369	164345	160522	161745	1.39	cps
Selenium	82-1	1361	1332	1262	1319	3.85	cps
Selenium	77-2	57	43	40	47	18.90	cps
Selenium	78-2	227	177	205	203	12.35	cps
Silicon	28-1	890771	878643	917004	895473	2.19	cps
Silver	107-1	14241	14834	13824	14299	3.55	cps
Silver	109-1	14033	13832	13232	13699	3.04	cps
Sodium	23-2	270440	265851	257888	264726	2.40	cps
Strontium	86-1	4084	4468	4117	4223	5.03	cps
Strontium	88-1	30133	30592	29207	29977	2.35	cps
Sulfur	34-1	353775	355727	357028	355510	0.46	cps
Terbium	159-1	7597776	7571375	7675944	7615032	0.71	cps
Terbium	159-2	3091069	3090175	3078733	3086659	0.22	cps
Thallium	203-1	9220	9162	9320	9234	0.87	cps
Thallium	205-1	22045	21135	19907	21029	5.10	cps
Tin	118-1	1117	1183	1117	1139	3.38	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149525BS	Instrumnet Name :	P8
Client Sample ID :	PB149525BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:17:23	DataFile Name :	029LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9145	8236	8636	8672	5.25	cps
Uranium	238-1	27046	26161	27155	26787	2.03	cps
Vanadium	51-2	11185	11451	10881	11172	2.55	cps
Ytterbium	172-1	42	42	25	36	26.65	cps
Ytterbium	172-2	17	28	22	22	25.00	cps
Ytterbium	176-1	1283	1133	1075	1164	9.23	cps
Ytterbium	176-2	7852	7953	8353	8053	3.29	cps
Yttrium	89-1	10572899	10049966	10439020	10353961	2.62	cps
Yttrium	89-2	1133798	1159889	1122628	1138772	1.68	cps
Zinc	66-2	2900	2797	2850	2849	1.81	cps
Zirconium	90-1	19389	19147	18888	19141	1.31	cps
Zirconium	91-1	4534	4267	4392	4398	3.03	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149526BL	Instrumnet Name :	P8
Client Sample ID :	PB149526BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:20:34	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	61	71	77	70	11.71	cps
Antimony	121-1	33	58	42	44	28.64	cps
Arsenic	75-2	2	2	1	2	34.64	cps
Barium	135-1	8	58	17	28	96.44	cps
Barium	137-1	25	83	17	42	87.18	cps
Beryllium	9-1	29	42	33	35	20.54	cps
Bismuth	209-1	4618978	4702160	4750630	4690589	1.42	cps
Bismuth	209-2	2293544	2202688	2213656	2236629	2.22	cps
Boron	10-1	1980	1846	1682	1836	8.13	cps
Boron	11-1	8175	7903	7156	7745	6.81	cps
Bromine	81-1	39827	39067	37540	38811	3.00	cps
Cadmium	111-1	301	351	327	326	7.60	cps
Cadmium	106-1	3059	3442	3175	3225	6.09	cps
Cadmium	108-1	13	8	4	8	49.98	cps
Calcium	43-1	120	131	130	127	4.85	cps
Calcium	44-1	8640	9094	8848	8861	2.56	cps
Carbon	12-1	8077859	8214401	8260653	8184304	1.16	cps
Carbon	12-2	97172	97323	95283	96593	1.18	cps
Chlorine	35-1	239069	237382	234935	237128	0.88	cps
Chlorine	35-2	1675	1742	1783	1733	3.15	cps
Chromium	52-2	493	463	460	472	3.89	cps
Cobalt	59-2	43	63	57	54	18.71	cps
Copper	63-2	767	647	693	702	8.61	cps
Dysprosium	156-1	17	0	33	17	99.99	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	33	83	50	57.75	cps
Erbium	164-2	10	3	13	9	57.30	cps
Gadolinium	160-1	75	58	25	53	48.24	cps
Gadolinium	160-2	107	90	100	99	8.48	cps
Holmium	165-1	7216096	7305088	7493925	7338370	1.93	cps
Holmium	165-2	3022842	3036936	3168232	3076003	2.61	cps
Indium	115-1	6290469	6421634	6176805	6296303	1.95	cps
Indium	115-2	960555	938200	961374	953376	1.38	cps
Iron	54-2	583	633	600	606	4.20	cps
Iron	56-2	3395	3317	3300	3337	1.51	cps
Iron	57-2	189	189	167	181	7.07	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149526BL	Instrumnet Name :	P8
Client Sample ID :	PB149526BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:20:34	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	387	422	447	419	7.19	cps
Lead	206-1	578	750	711	680	13.29	cps
Lead	207-1	589	678	522	596	13.09	cps
Lead	208-1	2734	3100	2728	2854	7.48	cps
Lithium	6-1	3856862	3975125	3799217	3877068	2.31	cps
Magnesium	24-2	192	208	158	186	13.68	cps
Manganese	55-2	57	33	50	47	25.76	cps
Molybdenum	94-1	75	142	108	108	30.77	cps
Molybdenum	95-1	17	17	42	25	57.73	cps
Molybdenum	96-1	150	158	108	139	19.29	cps
Molybdenum	97-1	17	17	8	14	34.67	cps
Molybdenum	98-1	42	50	25	39	32.73	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	60	47	53	53	12.50	cps
Phosphorus	31-2	658	883	1017	853	21.24	cps
Potassium	39-2	20023	19464	19697	19728	1.42	cps
Rhodium	103-1	6083995	6270437	6345643	6233358	2.16	cps
Rhodium	103-2	2662943	2610316	2668863	2647374	1.22	cps
Scandium	45-1	4781135	4955965	4787605	4841568	2.05	cps
Scandium	45-2	165196	158768	160167	161377	2.09	cps
Selenium	82-1	34	-9	1	9	253.95	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	50	59	65	58	13.01	cps
Silicon	28-1	800776	805711	808676	805054	0.50	cps
Silver	107-1	150	208	108	156	32.29	cps
Silver	109-1	100	208	133	147	37.69	cps
Sodium	23-2	20139	18821	19931	19630	3.61	cps
Strontium	86-1	667	808	717	731	9.83	cps
Strontium	88-1	217	342	200	253	30.63	cps
Sulfur	34-1	357706	355808	357928	357147	0.33	cps
Terbium	159-1	7456143	7490740	7592644	7513175	0.94	cps
Terbium	159-2	3120942	3084409	3043879	3083076	1.25	cps
Thallium	203-1	292	275	208	258	17.07	cps
Thallium	205-1	617	675	758	683	10.42	cps
Tin	118-1	567	492	458	506	10.98	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149526BL	Instrumnet Name :	P8
Client Sample ID :	PB149526BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:20:34	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	183	142	175	167	13.23	cps
Uranium	238-1	8	42	0	17	132.30	cps
Vanadium	51-2	13	3	3	7	86.65	cps
Ytterbium	172-1	42	42	50	44	10.82	cps
Ytterbium	172-2	0	6	22	9	124.87	cps
Ytterbium	176-1	1225	1133	1092	1150	5.93	cps
Ytterbium	176-2	7825	7880	7858	7854	0.36	cps
Yttrium	89-1	10088534	10155144	10198597	10147425	0.55	cps
Yttrium	89-2	1152598	1129511	1127693	1136601	1.22	cps
Zinc	66-2	153	100	107	120	24.22	cps
Zirconium	90-1	392	392	358	381	5.06	cps
Zirconium	91-1	50	58	117	75	48.44	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:23:45	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2714499	2523914	2472768	2570394	4.96	cps
Antimony	121-1	2280438	2366094	2262764	2303099	2.40	cps
Arsenic	75-2	69265	68065	67623	68318	1.24	cps
Barium	135-1	2810930	2888967	2875019	2858305	1.46	cps
Barium	137-1	4867015	5101866	4913356	4960746	2.51	cps
Beryllium	9-1	1146442	1168337	1132758	1149179	1.56	cps
Bismuth	209-1	4416574	4451715	4405277	4424522	0.55	cps
Bismuth	209-2	2152328	2194033	2188189	2178183	1.04	cps
Boron	10-1	220193	222096	228234	223508	1.88	cps
Boron	11-1	864639	925275	926361	905425	3.90	cps
Bromine	81-1	37369	39226	37931	38175	2.49	cps
Cadmium	111-1	640417	647303	630857	639525	1.29	cps
Cadmium	106-1	78406	79052	79378	78946	0.63	cps
Cadmium	108-1	53637	53683	53750	53690	0.11	cps
Calcium	43-1	4583167	4433291	4489968	4502142	1.68	cps
Calcium	44-1	72658330	70204810	72949724	71937621	2.10	cps
Carbon	12-1	8697212	8423428	8492105	8537582	1.67	cps
Carbon	12-2	102037	102129	104320	102829	1.26	cps
Chlorine	35-1	291902	292928	290738	291856	0.38	cps
Chlorine	35-2	2034	2400	2209	2214	8.28	cps
Chromium	52-2	723737	706870	705254	711954	1.44	cps
Cobalt	59-2	1239321	1201636	1193351	1211436	2.02	cps
Copper	63-2	10237930	9789779	9678680	9902130	2.99	cps
Dysprosium	156-1	558	550	508	539	4.97	cps
Dysprosium	156-2	227	203	180	203	11.48	cps
Erbium	164-1	58	25	58	47	40.76	cps
Erbium	164-2	40	13	30	28	48.51	cps
Gadolinium	160-1	633	667	600	633	5.26	cps
Gadolinium	160-2	337	393	353	361	8.06	cps
Holmium	165-1	7512320	7714886	7669033	7632080	1.39	cps
Holmium	165-2	3174549	3240031	3226362	3213647	1.07	cps
Indium	115-1	6222885	6220185	6095211	6179427	1.18	cps
Indium	115-2	928086	930762	936168	931672	0.44	cps
Iron	54-2	8161900	8137841	8026828	8108856	0.89	cps
Iron	56-2	151340537	143045142	145118631	146501437	2.95	cps
Iron	57-2	3760523	3603418	3592868	3652270	2.57	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:23:45	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	431	420	451	434	3.64	cps
Lead	206-1	9382272	9948947	9536773	9622664	3.04	cps
Lead	207-1	8059468	8293006	8461527	8271334	2.44	cps
Lead	208-1	37010206	38782373	38191681	37994753	2.37	cps
Lithium	6-1	3803673	3886691	3821128	3837164	1.14	cps
Magnesium	24-2	34620189	33266968	32611877	33499678	3.06	cps
Manganese	55-2	4003137	3933307	4066711	4001052	1.67	cps
Molybdenum	94-1	9181692	9464265	9358519	9334826	1.53	cps
Molybdenum	95-1	13446925	13884425	13469029	13600126	1.81	cps
Molybdenum	96-1	15079856	14959051	15001268	15013391	0.41	cps
Molybdenum	97-1	8358873	8159425	8410363	8309554	1.60	cps
Molybdenum	98-1	21232615	20972335	21826141	21343697	2.05	cps
Neodymium	150-1	267	260	233	253	6.96	cps
Neodymium	150-2	17	30	27	24	28.38	cps
Nickel	60-2	343505	337081	334701	338429	1.35	cps
Phosphorus	31-2	34199	33840	33305	33782	1.33	cps
Potassium	39-2	11512748	10988449	11371949	11291049	2.40	cps
Rhodium	103-1	5846189	5780790	6029105	5885361	2.19	cps
Rhodium	103-2	2518601	2525497	2548443	2530847	0.62	cps
Scandium	45-1	4823211	4991599	4917047	4910619	1.72	cps
Scandium	45-2	166369	163418	165310	165032	0.91	cps
Selenium	82-1	60496	60224	60331	60350	0.23	cps
Selenium	77-2	1994	1833	1887	1905	4.28	cps
Selenium	78-2	6562	6208	6150	6307	3.54	cps
Silicon	28-1	11780822	11577257	11700694	11686258	0.88	cps
Silver	107-1	3471011	3568037	3592338	3543795	1.81	cps
Silver	109-1	3377838	3368495	3325976	3357436	0.82	cps
Sodium	23-2	63995435	60992581	60010603	61666206	3.37	cps
Strontium	86-1	21550260	21479405	21013649	21347771	1.37	cps
Strontium	88-1	180622883	179802687	179411887	179945819	0.34	cps
Sulfur	34-1	769859	757538	749654	759017	1.34	cps
Terbium	159-1	7918919	7980461	7967895	7955759	0.41	cps
Terbium	159-2	3263755	3180998	3203663	3216139	1.33	cps
Thallium	203-1	2266306	2381370	2295443	2314373	2.58	cps
Thallium	205-1	5374825	5542927	5265254	5394335	2.59	cps
Tin	118-1	2102795	2077829	2075998	2085540	0.72	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:23:45	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4358413	4283855	4436738	4359669	1.75	cps
Uranium	238-1	7511081	7524569	7424804	7486818	0.72	cps
Vanadium	51-2	580413	562956	566875	570081	1.61	cps
Ytterbium	172-1	217	225	225	222	2.17	cps
Ytterbium	172-2	122	106	122	117	8.25	cps
Ytterbium	176-1	11322	11314	10897	11177	2.18	cps
Ytterbium	176-2	11739	12173	12412	12108	2.82	cps
Yttrium	89-1	10527620	10836034	10616220	10659958	1.49	cps
Yttrium	89-2	1144882	1145693	1165649	1152074	1.02	cps
Zinc	66-2	1154919	1161568	1127188	1147891	1.59	cps
Zirconium	90-1	4594139	4832462	4621111	4682570	2.79	cps
Zirconium	91-1	1032400	1060916	1045285	1046200	1.36	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P8
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:32:51	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	79	80	81	80	1.56	cps
Antimony	121-1	183	108	300	197	48.97	cps
Arsenic	75-2	2	2	2	2	0.00	cps
Barium	135-1	67	25	25	39	61.86	cps
Barium	137-1	167	50	92	103	57.53	cps
Beryllium	9-1	80	55	74	70	18.70	cps
Bismuth	209-1	4869970	4729678	5013877	4871175	2.92	cps
Bismuth	209-2	2259906	2309725	2350561	2306731	1.97	cps
Boron	10-1	3674	3456	3358	3496	4.63	cps
Boron	11-1	15663	15123	15411	15399	1.76	cps
Bromine	81-1	38423	37459	37781	37887	1.30	cps
Cadmium	111-1	324	280	350	318	11.05	cps
Cadmium	106-1	3025	2784	3284	3031	8.25	cps
Cadmium	108-1	29	21	17	22	28.64	cps
Calcium	43-1	212	171	181	188	11.43	cps
Calcium	44-1	11523	9783	9980	10429	9.13	cps
Carbon	12-1	7762526	7966883	8082537	7937315	2.04	cps
Carbon	12-2	93816	92851	92415	93028	0.77	cps
Chlorine	35-1	291700	289230	284828	288586	1.21	cps
Chlorine	35-2	2067	1892	2034	1997	4.65	cps
Chromium	52-2	483	467	460	470	2.56	cps
Cobalt	59-2	57	60	73	63	13.92	cps
Copper	63-2	800	910	823	844	6.86	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	8	17	42	22	78.07	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	25	17	67	36	74.18	cps
Gadolinium	160-2	97	87	113	99	13.62	cps
Holmium	165-1	7545963	7538204	7948038	7677402	3.05	cps
Holmium	165-2	3138585	3060875	3088712	3096057	1.27	cps
Indium	115-1	6087512	6314756	6615713	6339327	4.18	cps
Indium	115-2	959630	925408	960402	948480	2.11	cps
Iron	54-2	772	678	667	706	8.22	cps
Iron	56-2	4801	4734	4151	4562	7.84	cps
Iron	57-2	261	261	200	241	14.66	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P8
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:32:51	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	401	437	411	417	4.49	cps
Lead	206-1	1139	778	911	943	19.37	cps
Lead	207-1	995	817	600	804	24.58	cps
Lead	208-1	4328	3378	3272	3660	15.89	cps
Lithium	6-1	3724889	3845824	3892524	3821079	2.26	cps
Magnesium	24-2	808	458	458	575	35.14	cps
Manganese	55-2	90	70	97	86	16.22	cps
Molybdenum	94-1	367	225	300	297	23.85	cps
Molybdenum	95-1	583	183	242	336	64.29	cps
Molybdenum	96-1	542	292	325	386	35.16	cps
Molybdenum	97-1	300	83	150	178	62.42	cps
Molybdenum	98-1	808	225	308	447	70.55	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	53	70	60	61	13.73	cps
Phosphorus	31-2	800	825	942	856	8.84	cps
Potassium	39-2	19873	19630	19030	19511	2.22	cps
Rhodium	103-1	6192252	6213852	6503690	6303265	2.76	cps
Rhodium	103-2	2618560	2660636	2680520	2653239	1.19	cps
Scandium	45-1	4956849	4720575	5066489	4914638	3.60	cps
Scandium	45-2	162480	157502	163830	161271	2.07	cps
Selenium	82-1	19	-25	52	15	251.98	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	51	59	69	60	15.11	cps
Silicon	28-1	781602	791178	780994	784591	0.73	cps
Silver	107-1	267	300	175	247	26.18	cps
Silver	109-1	233	175	192	200	15.03	cps
Sodium	23-2	24179	22568	22601	23116	3.98	cps
Strontium	86-1	1208	975	817	1000	19.70	cps
Strontium	88-1	5130	1784	2167	3027	60.50	cps
Sulfur	34-1	314237	311147	310345	311910	0.66	cps
Terbium	159-1	7312951	7757160	8375695	7815268	6.83	cps
Terbium	159-2	3241456	3056872	3149811	3149380	2.93	cps
Thallium	203-1	375	342	308	342	9.76	cps
Thallium	205-1	633	775	867	758	15.50	cps
Tin	118-1	533	567	425	508	14.57	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P8
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:32:51	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	375	217	275	289	27.72	cps
Uranium	238-1	150	125	67	114	37.55	cps
Vanadium	51-2	17	10	7	11	45.82	cps
Ytterbium	172-1	25	25	17	22	21.64	cps
Ytterbium	172-2	33	22	17	24	35.24	cps
Ytterbium	176-1	917	975	1233	1042	16.18	cps
Ytterbium	176-2	7330	7335	7713	7460	2.95	cps
Yttrium	89-1	10300930	10414102	10934371	10549801	3.20	cps
Yttrium	89-2	1110957	1098753	1133214	1114308	1.57	cps
Zinc	66-2	150	133	137	140	6.30	cps
Zirconium	90-1	550	533	567	550	3.03	cps
Zirconium	91-1	83	75	67	75	11.11	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149526BS	Instrumnet Name :	P8
Client Sample ID :	PB149526BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:38:27	DataFile Name :	033LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2319	2190	2095	2201	5.10	cps
Antimony	121-1	18438	17937	18029	18135	1.47	cps
Arsenic	75-2	301	343	309	318	7.02	cps
Barium	135-1	21484	20491	20575	20850	2.64	cps
Barium	137-1	39216	38047	37745	38336	2.03	cps
Beryllium	9-1	5235	4958	5003	5065	2.94	cps
Bismuth	209-1	4849682	4919496	4732219	4833799	1.96	cps
Bismuth	209-2	2382322	2313715	2389759	2361932	1.77	cps
Boron	10-1	17189	18540	19023	18250	5.21	cps
Boron	11-1	80906	82839	83078	82274	1.45	cps
Bromine	81-1	38573	38182	39738	38831	2.09	cps
Cadmium	111-1	3074	3089	3177	3113	1.78	cps
Cadmium	106-1	3426	3476	3275	3392	3.07	cps
Cadmium	108-1	242	221	163	208	19.70	cps
Calcium	43-1	18205	18512	18073	18263	1.23	cps
Calcium	44-1	304700	306621	297406	302909	1.61	cps
Carbon	12-1	7948174	8015795	7961905	7975291	0.45	cps
Carbon	12-2	96096	91552	93875	93841	2.42	cps
Chlorine	35-1	296529	297713	290133	294792	1.38	cps
Chlorine	35-2	1959	2050	2125	2045	4.08	cps
Chromium	52-2	6675	6505	6498	6559	1.53	cps
Cobalt	59-2	5284	5138	4961	5128	3.16	cps
Copper	63-2	9220	8766	8493	8826	4.16	cps
Dysprosium	156-1	0	25	8	11	114.58	cps
Dysprosium	156-2	0	10	3	4	114.60	cps
Erbium	164-1	42	42	8	31	62.99	cps
Erbium	164-2	10	10	17	12	31.50	cps
Gadolinium	160-1	42	67	25	44	47.19	cps
Gadolinium	160-2	67	83	123	91	31.97	cps
Holmium	165-1	7196507	7563310	7579462	7446427	2.91	cps
Holmium	165-2	3060764	3231460	3219842	3170689	3.01	cps
Indium	115-1	6375022	6333513	6539623	6416053	1.70	cps
Indium	115-2	965394	956721	979360	967158	1.18	cps
Iron	54-2	27939	26881	26235	27018	3.18	cps
Iron	56-2	492263	487037	471891	483730	2.19	cps
Iron	57-2	12356	12033	11927	12105	1.84	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149526BS	Instrumnet Name :	P8
Client Sample ID :	PB149526BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:38:27	DataFile Name :	033LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	430	437	425	431	1.46	cps
Lead	206-1	7975	7536	7975	7828	3.24	cps
Lead	207-1	7397	7158	7191	7248	1.79	cps
Lead	208-1	32422	32667	31348	32146	2.18	cps
Lithium	6-1	3841473	3926380	3965516	3911123	1.62	cps
Magnesium	24-2	141063	135486	131232	135927	3.63	cps
Manganese	55-2	1613	1893	1650	1719	8.85	cps
Molybdenum	94-1	10521	10805	10421	10582	1.88	cps
Molybdenum	95-1	6485	6935	6402	6607	4.34	cps
Molybdenum	96-1	8269	8978	7786	8344	7.19	cps
Molybdenum	97-1	4134	4142	3742	4006	5.71	cps
Molybdenum	98-1	9987	10813	10288	10363	4.03	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1703	1463	1597	1588	7.57	cps
Phosphorus	31-2	867	925	725	839	12.26	cps
Potassium	39-2	111882	109843	106333	109353	2.57	cps
Rhodium	103-1	6101213	6643183	6388963	6377787	4.25	cps
Rhodium	103-2	2706144	2760385	2718396	2728308	1.04	cps
Scandium	45-1	4820039	4878437	5082797	4927091	2.80	cps
Scandium	45-2	163437	160316	163257	162337	1.08	cps
Selenium	82-1	1359	1215	1330	1301	5.85	cps
Selenium	77-2	60	37	23	40	46.40	cps
Selenium	78-2	213	197	198	203	4.42	cps
Silicon	28-1	892728	903896	856074	884232	2.83	cps
Silver	107-1	14708	14683	14233	14541	1.84	cps
Silver	109-1	13098	14041	13665	13602	3.49	cps
Sodium	23-2	274145	262176	263685	266669	2.44	cps
Strontium	86-1	4192	4309	3992	4165	3.85	cps
Strontium	88-1	30776	31837	32012	31542	2.12	cps
Sulfur	34-1	328405	326927	325368	326900	0.46	cps
Terbium	159-1	7723959	7934749	7653986	7770898	1.88	cps
Terbium	159-2	3209795	3176053	3272843	3219564	1.53	cps
Thallium	203-1	9170	9287	8670	9042	3.63	cps
Thallium	205-1	21961	21969	20600	21510	3.66	cps
Tin	118-1	1100	1067	1108	1092	2.02	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149526BS	Instrumnet Name :	P8
Client Sample ID :	PB149526BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:38:27	DataFile Name :	033LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8978	8669	8870	8839	1.77	cps
Uranium	238-1	28074	29184	27255	28171	3.44	cps
Vanadium	51-2	11485	11058	10958	11167	2.51	cps
Ytterbium	172-1	33	33	42	36	13.33	cps
Ytterbium	172-2	22	6	11	13	65.44	cps
Ytterbium	176-1	1083	1075	1092	1083	0.77	cps
Ytterbium	176-2	7941	8425	8464	8277	3.52	cps
Yttrium	89-1	10334647	10609148	10432704	10458833	1.33	cps
Yttrium	89-2	1143410	1135482	1133780	1137557	0.45	cps
Zinc	66-2	2910	2607	2737	2751	5.53	cps
Zirconium	90-1	18872	19022	19414	19102	1.47	cps
Zirconium	91-1	4309	4292	4301	4301	0.19	cps

LB Number : LB123301 Operator : Jaswal
 Lab Sample ID : N4239-02 Instrumnet Name : P8
 Client Sample ID : MDL-WATER-QT3-2022- Dilution Factor : 1
 Date & Time Acquired : 2022-12-15 12:43:06 DataFile Name : 034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	621	566	581	590	4.82	cps
Antimony	121-1	3517	3642	3159	3439	7.30	cps
Arsenic	75-2	75	60	59	65	13.86	cps
Barium	135-1	3942	4201	3484	3876	9.37	cps
Barium	137-1	7294	7577	6919	7263	4.55	cps
Beryllium	9-1	1081	1104	1009	1064	4.66	cps
Bismuth	209-1	4871651	4894869	4758135	4841552	1.51	cps
Bismuth	209-2	2388167	2273968	2357689	2339942	2.53	cps
Boron	10-1	5322	5338	5630	5430	3.19	cps
Boron	11-1	23446	22763	23220	23143	1.50	cps
Bromine	81-1	37780	39467	37048	38099	3.26	cps
Cadmium	111-1	932	855	790	859	8.26	cps
Cadmium	106-1	3451	3209	3159	3273	4.77	cps
Cadmium	108-1	54	71	96	74	28.49	cps
Calcium	43-1	3480	3593	3524	3532	1.61	cps
Calcium	44-1	65831	65763	65468	65688	0.29	cps
Carbon	12-1	8184337	8391492	8296631	8290820	1.25	cps
Carbon	12-2	94654	96995	97925	96525	1.75	cps
Chlorine	35-1	212073	211226	207854	210384	1.06	cps
Chlorine	35-2	1450	1625	1500	1525	5.91	cps
Chromium	52-2	1637	1650	1550	1612	3.37	cps
Cobalt	59-2	1047	1027	990	1021	2.81	cps
Copper	63-2	2194	2160	2217	2190	1.30	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	25	50	33	36	35.25	cps
Erbium	164-2	30	0	3	11	148.01	cps
Gadolinium	160-1	25	92	50	56	60.62	cps
Gadolinium	160-2	77	107	123	102	23.14	cps
Holmium	165-1	7415568	7796625	7353293	7521829	3.19	cps
Holmium	165-2	3220322	3188033	3095842	3168066	2.04	cps
Indium	115-1	6197223	6461343	6612750	6423772	3.27	cps
Indium	115-2	994883	957402	978967	977084	1.93	cps
Iron	54-2	5946	5957	5824	5909	1.25	cps
Iron	56-2	99590	99160	93081	97277	3.74	cps
Iron	57-2	2600	2328	2400	2443	5.77	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	N4239-02	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-QT3-2022-	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:43:06	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	394	446	412	417	6.37	cps
Lead	206-1	2084	2089	2072	2082	0.41	cps
Lead	207-1	1878	1978	1678	1845	8.28	cps
Lead	208-1	8529	8535	8079	8381	3.12	cps
Lithium	6-1	3922374	3896071	3961176	3926540	0.83	cps
Magnesium	24-2	26283	28270	27735	27429	3.75	cps
Manganese	55-2	397	343	317	352	11.57	cps
Molybdenum	94-1	4317	4451	4134	4301	3.70	cps
Molybdenum	95-1	4776	5109	5009	4965	3.45	cps
Molybdenum	96-1	5318	6001	5926	5749	6.52	cps
Molybdenum	97-1	3367	3542	3092	3334	6.81	cps
Molybdenum	98-1	8086	8086	8019	8064	0.48	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	320	307	327	318	3.20	cps
Phosphorus	31-2	917	850	733	833	11.14	cps
Potassium	39-2	37207	38594	37224	37675	2.11	cps
Rhodium	103-1	6349785	6499223	6461534	6436847	1.21	cps
Rhodium	103-2	2840058	2578811	2719778	2712882	4.82	cps
Scandium	45-1	4927601	4917061	4935825	4926829	0.19	cps
Scandium	45-2	170233	166168	164451	166951	1.78	cps
Selenium	82-1	477	364	360	400	16.68	cps
Selenium	77-2	23	20	7	17	52.90	cps
Selenium	78-2	96	100	94	97	3.16	cps
Silicon	28-1	814213	812543	813561	813439	0.10	cps
Silver	107-1	2800	2959	3067	2942	4.56	cps
Silver	109-1	2759	2867	3084	2903	5.70	cps
Sodium	23-2	69114	70237	70898	70083	1.29	cps
Strontium	86-1	1267	1383	1292	1314	4.67	cps
Strontium	88-1	6318	5326	5301	5649	10.27	cps
Sulfur	34-1	332102	331011	328647	330587	0.53	cps
Terbium	159-1	7814749	8114478	7820587	7916605	2.16	cps
Terbium	159-2	3220379	3112347	3102821	3145182	2.08	cps
Thallium	203-1	2117	1817	1909	1947	7.90	cps
Thallium	205-1	4401	4768	4751	4640	4.46	cps
Tin	118-1	8795	8444	8086	8442	4.20	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	N4239-02	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-QT3-2022-	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:43:06	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2084	1733	1867	1895	9.33	cps
Uranium	238-1	5510	5185	5443	5379	3.19	cps
Vanadium	51-2	2104	2164	2237	2168	3.08	cps
Ytterbium	172-1	33	58	25	39	44.62	cps
Ytterbium	172-2	28	22	28	26	12.38	cps
Ytterbium	176-1	1000	1242	1025	1089	12.21	cps
Ytterbium	176-2	8036	7530	7953	7840	3.46	cps
Yttrium	89-1	10179075	10635496	10480910	10431827	2.23	cps
Yttrium	89-2	1175415	1132315	1153181	1153637	1.87	cps
Zinc	66-2	433	423	410	422	2.77	cps
Zirconium	90-1	3709	4276	3567	3851	9.74	cps
Zirconium	91-1	950	908	892	917	3.28	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	N4239-04	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT3-2022-06	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:46:47	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	451	502	442	465	6.96	cps
Antimony	121-1	3442	3842	3551	3612	5.73	cps
Arsenic	75-2	73	54	57	61	16.65	cps
Barium	135-1	3984	4434	3992	4137	6.22	cps
Barium	137-1	7144	7286	7152	7194	1.11	cps
Beryllium	9-1	1031	1144	1075	1083	5.24	cps
Bismuth	209-1	4710134	4753445	4963530	4809036	2.82	cps
Bismuth	209-2	2324606	2391940	2355283	2357277	1.43	cps
Boron	10-1	4862	4976	5112	4983	2.51	cps
Boron	11-1	20869	22262	21498	21543	3.24	cps
Bromine	81-1	39808	38744	37188	38580	3.42	cps
Cadmium	111-1	855	871	875	867	1.19	cps
Cadmium	106-1	3426	3084	3317	3275	5.33	cps
Cadmium	108-1	71	83	75	76	8.33	cps
Calcium	43-1	3758	3725	3601	3695	2.23	cps
Calcium	44-1	68118	67512	67325	67652	0.61	cps
Carbon	12-1	8180392	8248500	8060834	8163242	1.16	cps
Carbon	12-2	96852	95821	95260	95977	0.84	cps
Chlorine	35-1	207001	201250	202961	203737	1.45	cps
Chlorine	35-2	1658	1617	1342	1539	11.18	cps
Chromium	52-2	1600	1550	1540	1563	2.06	cps
Cobalt	59-2	1073	1110	1060	1081	2.40	cps
Copper	63-2	2324	2334	2190	2282	3.51	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	3	10	7	7	50.03	cps
Erbium	164-1	33	50	33	39	24.75	cps
Erbium	164-2	17	27	7	17	59.99	cps
Gadolinium	160-1	58	58	33	50	28.87	cps
Gadolinium	160-2	123	83	110	106	19.30	cps
Holmium	165-1	7437545	7435267	7392525	7421779	0.34	cps
Holmium	165-2	3104948	3096026	3157537	3119504	1.07	cps
Indium	115-1	6451407	6511696	6467168	6476757	0.48	cps
Indium	115-2	979370	965123	978252	974248	0.81	cps
Iron	54-2	5985	6068	5685	5912	3.41	cps
Iron	56-2	99867	96072	95698	97212	2.37	cps
Iron	57-2	2717	2384	2445	2515	7.06	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	N4239-04	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT3-2022-06	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:46:47	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	416	437	409	421	3.54	cps
Lead	206-1	2156	2200	2178	2178	1.02	cps
Lead	207-1	1834	1806	1695	1778	4.13	cps
Lead	208-1	8523	8585	8285	8464	1.87	cps
Lithium	6-1	3943502	3845302	3972986	3920597	1.71	cps
Magnesium	24-2	28019	26825	25949	26931	3.86	cps
Manganese	55-2	353	367	320	347	6.93	cps
Molybdenum	94-1	5009	4526	4568	4701	5.70	cps
Molybdenum	95-1	5068	5401	5201	5223	3.21	cps
Molybdenum	96-1	5776	6135	5718	5876	3.84	cps
Molybdenum	97-1	3451	3234	3359	3348	3.25	cps
Molybdenum	98-1	8886	8494	8886	8756	2.58	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	353	297	280	310	12.40	cps
Phosphorus	31-2	783	825	617	742	14.86	cps
Potassium	39-2	37407	36772	37541	37240	1.10	cps
Rhodium	103-1	6391787	6403152	6593684	6462875	1.76	cps
Rhodium	103-2	2663262	2670543	2741657	2691821	1.61	cps
Scandium	45-1	5005788	4693642	5210274	4969902	5.24	cps
Scandium	45-2	164695	164705	167507	165636	0.98	cps
Selenium	82-1	407	435	347	397	11.28	cps
Selenium	77-2	7	3	7	6	34.70	cps
Selenium	78-2	98	88	94	93	5.39	cps
Silicon	28-1	809436	810254	811403	810364	0.12	cps
Silver	107-1	2975	3217	2992	3062	4.41	cps
Silver	109-1	2917	3109	2850	2959	4.53	cps
Sodium	23-2	71752	68210	69341	69767	2.59	cps
Strontium	86-1	1350	1275	1425	1350	5.56	cps
Strontium	88-1	6010	6252	6327	6196	2.67	cps
Sulfur	34-1	334667	336397	336639	335901	0.32	cps
Terbium	159-1	7709109	7956109	7736416	7800545	1.74	cps
Terbium	159-2	3272168	3203353	3207623	3227715	1.19	cps
Thallium	203-1	1984	2025	1984	1997	1.20	cps
Thallium	205-1	4684	4259	4584	4509	4.93	cps
Tin	118-1	8695	8553	8261	8503	2.60	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	N4239-04	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT3-2022-06	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:46:47	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2175	1934	1658	1922	13.45	cps
Uranium	238-1	5293	5201	4659	5051	6.78	cps
Vanadium	51-2	2354	2180	2140	2225	5.10	cps
Ytterbium	172-1	75	58	50	61	20.83	cps
Ytterbium	172-2	50	0	11	20	128.89	cps
Ytterbium	176-1	992	1208	1092	1097	9.88	cps
Ytterbium	176-2	7980	8742	7802	8175	6.10	cps
Yttrium	89-1	10282938	10476108	10924322	10561122	3.12	cps
Yttrium	89-2	1176321	1139622	1156678	1157540	1.59	cps
Zinc	66-2	360	310	357	342	8.17	cps
Zirconium	90-1	3717	4026	3892	3878	3.99	cps
Zirconium	91-1	875	942	917	911	3.70	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149508BL	Instrumnet Name :	P8
Client Sample ID :	PB149508BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:49:57	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	76	57	79	71	16.40	cps
Antimony	121-1	33	17	58	36	58.07	cps
Arsenic	75-2	3	6	1	3	75.50	cps
Barium	135-1	8	17	25	17	50.01	cps
Barium	137-1	42	50	17	36	48.03	cps
Beryllium	9-1	59	36	42	46	25.34	cps
Bismuth	209-1	4930773	4724108	4712049	4788977	2.57	cps
Bismuth	209-2	2336032	2385288	2390065	2370462	1.26	cps
Boron	10-1	1590	1614	1650	1618	1.87	cps
Boron	11-1	7250	7250	6758	7086	4.01	cps
Bromine	81-1	39687	39668	39165	39507	0.75	cps
Cadmium	111-1	326	304	317	316	3.45	cps
Cadmium	106-1	3234	3175	3192	3200	0.94	cps
Cadmium	108-1	8	25	21	18	48.05	cps
Calcium	43-1	137	131	140	136	3.31	cps
Calcium	44-1	9282	9094	9106	9161	1.15	cps
Carbon	12-1	7856697	8000803	7890966	7916155	0.95	cps
Carbon	12-2	96651	99712	97666	98009	1.59	cps
Chlorine	35-1	233554	234716	230395	232889	0.96	cps
Chlorine	35-2	1583	1558	1525	1556	1.88	cps
Chromium	52-2	453	463	487	468	3.66	cps
Cobalt	59-2	40	63	50	51	22.90	cps
Copper	63-2	680	633	610	641	5.56	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	33	50	33	39	24.74	cps
Erbium	164-2	10	3	10	8	49.52	cps
Gadolinium	160-1	92	50	33	58	51.51	cps
Gadolinium	160-2	87	80	120	96	22.43	cps
Holmium	165-1	7274538	7878563	7562387	7571829	3.99	cps
Holmium	165-2	3029695	3221947	3119725	3123789	3.08	cps
Indium	115-1	6268549	6308038	6291626	6289404	0.32	cps
Indium	115-2	954015	954857	964108	957660	0.58	cps
Iron	54-2	700	561	594	619	11.72	cps
Iron	56-2	3262	3273	3223	3252	0.81	cps
Iron	57-2	156	283	200	213	30.46	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149508BL	Instrumnet Name :	P8
Client Sample ID :	PB149508BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:49:57	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	430	406	432	423	3.42	cps
Lead	206-1	661	650	733	682	6.64	cps
Lead	207-1	683	594	506	594	14.95	cps
Lead	208-1	3022	2756	2567	2782	8.23	cps
Lithium	6-1	3974040	3927924	4042766	3981577	1.45	cps
Magnesium	24-2	167	350	167	228	46.47	cps
Manganese	55-2	63	37	43	48	29.04	cps
Molybdenum	94-1	233	167	58	153	57.81	cps
Molybdenum	95-1	0	67	50	39	89.22	cps
Molybdenum	96-1	100	167	167	144	26.65	cps
Molybdenum	97-1	50	17	17	28	69.27	cps
Molybdenum	98-1	25	58	50	44	39.04	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	43	63	37	48	29.04	cps
Phosphorus	31-2	925	792	750	822	11.12	cps
Potassium	39-2	20290	20315	19881	20162	1.21	cps
Rhodium	103-1	6594249	6410906	6561815	6522323	1.50	cps
Rhodium	103-2	2655106	2720584	2719288	2698326	1.39	cps
Scandium	45-1	4837218	4884065	4972021	4897768	1.40	cps
Scandium	45-2	162558	166241	162206	163668	1.37	cps
Selenium	82-1	-21	4	15	-1	-2234.82	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	52	58	63	58	9.55	cps
Silicon	28-1	796527	794870	792566	794654	0.25	cps
Silver	107-1	167	125	133	142	15.56	cps
Silver	109-1	108	108	92	103	9.36	cps
Sodium	23-2	19388	20748	20323	20153	3.45	cps
Strontium	86-1	642	808	683	711	12.20	cps
Strontium	88-1	308	192	217	239	25.72	cps
Sulfur	34-1	341159	338271	335307	338246	0.87	cps
Terbium	159-1	7700043	7767278	7785011	7750777	0.58	cps
Terbium	159-2	3108077	3036543	3082967	3075862	1.18	cps
Thallium	203-1	200	242	200	214	11.25	cps
Thallium	205-1	467	608	458	511	16.49	cps
Tin	118-1	392	508	458	453	12.93	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149508BL	Instrumnet Name :	P8
Client Sample ID :	PB149508BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:49:57	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	267	200	150	206	28.47	cps
Uranium	238-1	0	8	8	6	86.60	cps
Vanadium	51-2	3	3	0	2	86.60	cps
Ytterbium	172-1	25	33	33	31	15.74	cps
Ytterbium	172-2	17	33	22	24	35.24	cps
Ytterbium	176-1	1217	1075	1333	1208	10.71	cps
Ytterbium	176-2	8042	7986	8364	8130	2.51	cps
Yttrium	89-1	10479265	10853781	10884125	10739057	2.10	cps
Yttrium	89-2	1139988	1129005	1142333	1137109	0.63	cps
Zinc	66-2	117	113	130	120	7.35	cps
Zirconium	90-1	450	392	500	447	12.12	cps
Zirconium	91-1	75	58	100	78	26.97	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149508BS	Instrumnet Name :	P8
Client Sample ID :	PB149508BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:53:08	DataFile Name :	037LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	529195	509503	503557	514085	2.61	cps
Antimony	121-1	2395329	2434709	2355150	2395063	1.66	cps
Arsenic	75-2	73721	72401	71092	72405	1.82	cps
Barium	135-1	2854680	2914867	2998888	2922812	2.48	cps
Barium	137-1	4946034	4952034	4899763	4932610	0.58	cps
Beryllium	9-1	1204873	1228265	1161377	1198172	2.83	cps
Bismuth	209-1	4740565	4677123	4958272	4791987	3.08	cps
Bismuth	209-2	2331842	2247663	2345059	2308188	2.29	cps
Boron	10-1	215532	227695	233486	225571	4.06	cps
Boron	11-1	850868	1023674	972913	949152	9.36	cps
Bromine	81-1	38412	40492	38262	39055	3.19	cps
Cadmium	111-1	676774	665144	671423	671114	0.87	cps
Cadmium	106-1	83144	83872	81608	82875	1.39	cps
Cadmium	108-1	56457	56336	54516	55769	1.95	cps
Calcium	43-1	1031415	1033155	1016881	1027151	0.87	cps
Calcium	44-1	15539232	15732419	15910504	15727385	1.18	cps
Carbon	12-1	7843868	8038880	7966314	7949687	1.24	cps
Carbon	12-2	98437	99066	97582	98362	0.76	cps
Chlorine	35-1	283845	285918	281686	283816	0.75	cps
Chlorine	35-2	2075	2067	1992	2045	2.25	cps
Chromium	52-2	727785	721099	695004	714629	2.42	cps
Cobalt	59-2	1277060	1239069	1231810	1249313	1.95	cps
Copper	63-2	10085233	9988764	9492588	9855528	3.23	cps
Dysprosium	156-1	142	192	158	164	15.53	cps
Dysprosium	156-2	73	83	63	73	13.64	cps
Erbium	164-1	50	50	42	47	10.18	cps
Erbium	164-2	23	23	13	20	28.87	cps
Gadolinium	160-1	133	200	150	161	21.53	cps
Gadolinium	160-2	160	173	183	172	6.80	cps
Holmium	165-1	7860041	7840126	7986330	7895499	1.00	cps
Holmium	165-2	3236041	3262142	3266648	3254944	0.51	cps
Indium	115-1	6508669	6401382	6448489	6452847	0.83	cps
Indium	115-2	979859	984025	980014	981299	0.24	cps
Iron	54-2	1796260	1765675	1707111	1756348	2.58	cps
Iron	56-2	31313629	31659793	30142176	31038533	2.56	cps
Iron	57-2	758541	754683	745541	752922	0.89	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149508BS	Instrumnet Name :	P8
Client Sample ID :	PB149508BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:53:08	DataFile Name :	037LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	397	417	445	420	5.68	cps
Lead	206-1	9971282	9672276	9456412	9699990	2.67	cps
Lead	207-1	8716305	8574111	8544226	8611548	1.07	cps
Lead	208-1	40162615	39331684	38759191	39417830	1.79	cps
Lithium	6-1	3899441	4023996	3924596	3949344	1.67	cps
Magnesium	24-2	7159779	7146312	6913761	7073284	1.96	cps
Manganese	55-2	4176892	4042902	3984289	4068028	2.43	cps
Molybdenum	94-1	9740848	9655302	9371901	9589350	2.01	cps
Molybdenum	95-1	13549034	13982071	13593064	13708057	1.74	cps
Molybdenum	96-1	14490815	15076761	15059298	14875625	2.24	cps
Molybdenum	97-1	8353303	8441974	8317642	8370973	0.76	cps
Molybdenum	98-1	21745766	22645705	21592632	21994701	2.59	cps
Neodymium	150-1	173	173	187	178	4.33	cps
Neodymium	150-2	13	3	13	10	57.75	cps
Nickel	60-2	355080	344456	341622	347053	2.04	cps
Phosphorus	31-2	34792	35369	34024	34728	1.94	cps
Potassium	39-2	2451559	2371779	2365862	2396400	2.00	cps
Rhodium	103-1	6374928	6486779	6248340	6370016	1.87	cps
Rhodium	103-2	2656593	2683355	2691599	2677182	0.68	cps
Scandium	45-1	4935418	4896809	4978365	4936864	0.83	cps
Scandium	45-2	166641	166679	171452	168257	1.64	cps
Selenium	82-1	64117	64212	63685	64005	0.44	cps
Selenium	77-2	2044	1870	1833	1916	5.86	cps
Selenium	78-2	6601	6641	6463	6569	1.42	cps
Silicon	28-1	11766302	11857434	11390319	11671352	2.12	cps
Silver	107-1	3707815	3652480	3686915	3682403	0.76	cps
Silver	109-1	3510255	3619539	3432641	3520812	2.67	cps
Sodium	23-2	12794636	12459471	12381822	12545310	1.75	cps
Strontium	86-1	21192520	21868059	21972394	21677657	1.95	cps
Strontium	88-1	183570587	190881500	185763342	186738476	2.01	cps
Sulfur	34-1	797899	780377	769119	782465	1.85	cps
Terbium	159-1	7871685	7876037	8029455	7925726	1.13	cps
Terbium	159-2	3261201	3282332	3293318	3278950	0.50	cps
Thallium	203-1	2383007	2277853	2284103	2314988	2.55	cps
Thallium	205-1	5683900	5460466	5323689	5489352	3.31	cps
Tin	118-1	2072009	2066101	2073713	2070608	0.19	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149508BS	Instrumnet Name :	P8
Client Sample ID :	PB149508BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 12:53:08	DataFile Name :	037LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4484596	4444011	4424461	4451023	0.69	cps
Uranium	238-1	7422989	7499071	7465398	7462486	0.51	cps
Vanadium	51-2	583290	571523	568877	574563	1.34	cps
Ytterbium	172-1	67	92	75	78	16.37	cps
Ytterbium	172-2	33	22	61	39	51.51	cps
Ytterbium	176-1	10771	10821	10288	10627	2.77	cps
Ytterbium	176-2	12306	11639	12451	12132	3.57	cps
Yttrium	89-1	10679442	10965159	10776464	10807022	1.34	cps
Yttrium	89-2	1162120	1175872	1167707	1168567	0.59	cps
Zinc	66-2	1247519	1226849	1184458	1219609	2.64	cps
Zirconium	90-1	4610103	4705984	4583021	4633036	1.39	cps
Zirconium	91-1	1032192	1046604	1038829	1039208	0.69	cps

LB Number : LB123301 Operator : Jaswal
 Lab Sample ID : PB149518BL Instrumnet Name : P8
 Client Sample ID : PB149518BL Dilution Factor : 1
 Date & Time Acquired : 2022-12-15 13:01:28 DataFile Name : 038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	49	69	69	62	18.60	cps
Antimony	121-1	150	183	492	275	68.50	cps
Arsenic	75-2	3	2	1	2	50.00	cps
Barium	135-1	25	117	167	103	69.91	cps
Barium	137-1	50	267	283	200	65.09	cps
Beryllium	9-1	54	66	114	78	40.63	cps
Bismuth	209-1	5326610	4944141	4737086	5002612	5.98	cps
Bismuth	209-2	2317302	2366374	2281499	2321725	1.84	cps
Boron	10-1	4712	4544	4388	4548	3.56	cps
Boron	11-1	19884	19741	19259	19628	1.67	cps
Bromine	81-1	36556	36827	36215	36532	0.84	cps
Cadmium	111-1	375	306	318	333	10.98	cps
Cadmium	106-1	3759	2750	2892	3134	17.42	cps
Cadmium	108-1	38	21	13	24	53.92	cps
Calcium	43-1	130	150	161	147	10.76	cps
Calcium	44-1	8945	9655	10014	9538	5.70	cps
Carbon	12-1	8166262	7744704	7868865	7926611	2.73	cps
Carbon	12-2	94764	94973	92902	94213	1.21	cps
Chlorine	35-1	266901	267260	260581	264914	1.42	cps
Chlorine	35-2	1875	2009	2000	1961	3.81	cps
Chromium	52-2	417	443	473	444	6.38	cps
Cobalt	59-2	43	63	80	62	29.51	cps
Copper	63-2	730	723	760	738	2.65	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	25	8	19	49.50	cps
Erbium	164-2	17	17	17	17	0.00	cps
Gadolinium	160-1	83	75	75	78	6.19	cps
Gadolinium	160-2	147	87	100	111	28.35	cps
Holmium	165-1	8635700	7610628	7517964	7921431	7.83	cps
Holmium	165-2	3194591	3114664	3003908	3104388	3.08	cps
Indium	115-1	7190989	6479432	6205414	6625278	7.68	cps
Indium	115-2	961282	944747	941352	949127	1.12	cps
Iron	54-2	744	706	561	670	14.41	cps
Iron	56-2	3434	3356	3350	3380	1.38	cps
Iron	57-2	200	172	272	215	24.03	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149518BL	Instrumnet Name :	P8
Client Sample ID :	PB149518BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 13:01:28	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	372	367	400	380	4.61	cps
Lead	206-1	683	1183	1183	1017	28.40	cps
Lead	207-1	633	1000	1050	895	25.44	cps
Lead	208-1	2795	4645	4939	4126	28.18	cps
Lithium	6-1	4480094	3991986	3927757	4133279	7.31	cps
Magnesium	24-2	175	242	125	181	32.42	cps
Manganese	55-2	57	63	37	52	26.57	cps
Molybdenum	94-1	258	442	792	497	54.50	cps
Molybdenum	95-1	58	333	675	356	86.89	cps
Molybdenum	96-1	258	625	1033	639	60.68	cps
Molybdenum	97-1	133	325	442	300	51.89	cps
Molybdenum	98-1	208	700	1333	747	75.48	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	47	60	43	50	17.64	cps
Phosphorus	31-2	858	842	725	808	8.99	cps
Potassium	39-2	19847	18721	19789	19452	3.26	cps
Rhodium	103-1	7034329	6206407	6324266	6521667	6.87	cps
Rhodium	103-2	2669545	2674044	2636307	2659965	0.77	cps
Scandium	45-1	5522926	4743241	4753304	5006490	8.93	cps
Scandium	45-2	162157	161194	159248	160866	0.92	cps
Selenium	82-1	35	46	27	36	26.05	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	69	63	49	60	17.01	cps
Silicon	28-1	789310	787501	794853	790555	0.48	cps
Silver	107-1	400	325	425	383	13.58	cps
Silver	109-1	242	275	433	317	32.34	cps
Sodium	23-2	21424	21867	20657	21316	2.87	cps
Strontium	86-1	525	1258	2017	1267	58.89	cps
Strontium	88-1	558	5548	10340	5482	89.22	cps
Sulfur	34-1	317471	310364	310320	312718	1.32	cps
Terbium	159-1	9003459	7804957	7809236	8205884	8.42	cps
Terbium	159-2	3036488	3045320	3005429	3029079	0.69	cps
Thallium	203-1	217	233	300	250	17.64	cps
Thallium	205-1	575	767	792	711	16.67	cps
Tin	118-1	442	483	525	483	8.62	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149518BL	Instrumnet Name :	P8
Client Sample ID :	PB149518BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 13:01:28	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	175	267	425	289	43.78	cps
Uranium	238-1	8	317	467	264	88.55	cps
Vanadium	51-2	7	13	7	9	43.25	cps
Ytterbium	172-1	58	75	42	58	28.57	cps
Ytterbium	172-2	22	6	17	15	57.25	cps
Ytterbium	176-1	1217	992	875	1028	16.90	cps
Ytterbium	176-2	7652	7725	8097	7825	3.05	cps
Yttrium	89-1	11818908	10633818	10332032	10928253	7.19	cps
Yttrium	89-2	1125096	1138831	1132494	1132140	0.61	cps
Zinc	66-2	117	150	160	142	15.95	cps
Zirconium	90-1	442	600	692	578	21.89	cps
Zirconium	91-1	100	117	75	97	21.57	cps

LB Number : LB123301 Operator : Jaswal
 Lab Sample ID : PB149518BS Instrumnet Name : P8
 Client Sample ID : PB149518BS Dilution Factor : 1
 Date & Time Acquired : 2022-12-15 13:04:38 DataFile Name : 039LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	528700	522490	512759	521316	1.54	cps
Antimony	121-1	2378968	2429577	2421791	2410112	1.13	cps
Arsenic	75-2	73772	73532	71565	72956	1.66	cps
Barium	135-1	2855757	2951272	2868645	2891891	1.79	cps
Barium	137-1	5145495	5056015	5011530	5071013	1.35	cps
Beryllium	9-1	1205365	1240352	1205889	1217202	1.65	cps
Bismuth	209-1	4700791	4824079	4721020	4748630	1.39	cps
Bismuth	209-2	2299314	2303354	2319360	2307343	0.46	cps
Boron	10-1	224050	226753	233135	227979	2.05	cps
Boron	11-1	871883	961963	923953	919266	4.92	cps
Bromine	81-1	35873	35913	36225	36004	0.54	cps
Cadmium	111-1	671755	680845	676700	676433	0.67	cps
Cadmium	106-1	83990	85139	80963	83364	2.59	cps
Cadmium	108-1	55010	55064	55344	55139	0.33	cps
Calcium	43-1	1016982	1025990	1014595	1019189	0.59	cps
Calcium	44-1	15355226	15806922	15667860	15610002	1.48	cps
Carbon	12-1	7934883	7942342	8056100	7977775	0.85	cps
Carbon	12-2	97615	95896	97799	97103	1.08	cps
Chlorine	35-1	274428	271733	270258	272139	0.78	cps
Chlorine	35-2	2042	1925	2067	2011	3.76	cps
Chromium	52-2	743375	719740	722912	728676	1.76	cps
Cobalt	59-2	1264737	1271379	1237819	1257979	1.41	cps
Copper	63-2	10122504	10029163	9967097	10039588	0.78	cps
Dysprosium	156-1	142	233	158	178	27.47	cps
Dysprosium	156-2	70	103	73	82	22.33	cps
Erbium	164-1	42	42	42	42	0.00	cps
Erbium	164-2	20	33	30	28	24.98	cps
Gadolinium	160-1	200	225	100	175	37.80	cps
Gadolinium	160-2	167	163	180	170	5.19	cps
Holmium	165-1	7714560	7873823	7730622	7773002	1.13	cps
Holmium	165-2	3267905	3242654	3290606	3267055	0.73	cps
Indium	115-1	6223837	6431837	6447352	6367675	1.96	cps
Indium	115-2	958063	977320	981200	972194	1.27	cps
Iron	54-2	1848051	1789706	1737179	1791645	3.10	cps
Iron	56-2	32151085	31170851	30483399	31268445	2.68	cps
Iron	57-2	767310	754584	751315	757736	1.12	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149518BS	Instrumnet Name :	P8
Client Sample ID :	PB149518BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 13:04:38	DataFile Name :	039LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	401	384	430	405	5.77	cps
Lead	206-1	10015258	10289663	9812668	10039196	2.38	cps
Lead	207-1	8746406	8730412	8666025	8714281	0.49	cps
Lead	208-1	40562525	40287624	38469663	39773271	2.86	cps
Lithium	6-1	3980843	3946089	3782774	3903235	2.71	cps
Magnesium	24-2	7479537	7022091	7075974	7192534	3.48	cps
Manganese	55-2	4272774	4081815	4137458	4164016	2.36	cps
Molybdenum	94-1	9766257	9495552	9389631	9550480	2.03	cps
Molybdenum	95-1	13896186	13885021	13412078	13731095	2.01	cps
Molybdenum	96-1	15144754	14877223	15244790	15088923	1.26	cps
Molybdenum	97-1	8660597	8251682	8330671	8414317	2.58	cps
Molybdenum	98-1	22383249	21149315	21830511	21787692	2.84	cps
Neodymium	150-1	207	200	207	204	1.88	cps
Neodymium	150-2	10	13	13	12	15.73	cps
Nickel	60-2	350516	350919	347226	349553	0.58	cps
Phosphorus	31-2	35093	34767	34358	34739	1.06	cps
Potassium	39-2	2511571	2412918	2408647	2444378	2.38	cps
Rhodium	103-1	6160348	6133921	6132415	6142228	0.26	cps
Rhodium	103-2	2740187	2587072	2758074	2695111	3.49	cps
Scandium	45-1	4731999	4885090	5139132	4918740	4.18	cps
Scandium	45-2	167542	165568	171888	168333	1.92	cps
Selenium	82-1	63076	63937	62743	63252	0.97	cps
Selenium	77-2	1963	1963	1827	1918	4.11	cps
Selenium	78-2	6622	6578	6432	6544	1.52	cps
Silicon	28-1	11719608	11702312	11731721	11717880	0.13	cps
Silver	107-1	3713827	3810762	3714853	3746481	1.49	cps
Silver	109-1	3569434	3561741	3457658	3529611	1.77	cps
Sodium	23-2	12940102	12918752	12794362	12884405	0.61	cps
Strontium	86-1	21201908	21534640	21887865	21541471	1.59	cps
Strontium	88-1	182699629	189539492	186209158	186149426	1.84	cps
Sulfur	34-1	766083	761085	758493	761887	0.51	cps
Terbium	159-1	7843598	7936218	8092611	7957475	1.58	cps
Terbium	159-2	3242916	3267515	3378083	3296171	2.18	cps
Thallium	203-1	2387451	2341524	2371438	2366804	0.98	cps
Thallium	205-1	5701085	5534420	5338710	5524738	3.28	cps
Tin	118-1	2106597	2134249	2113004	2117950	0.68	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149518BS	Instrumnet Name :	P8
Client Sample ID :	PB149518BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 13:04:38	DataFile Name :	039LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4365576	4583214	4401693	4450161	2.62	cps
Uranium	238-1	7717420	7516861	7154729	7463004	3.82	cps
Vanadium	51-2	578464	573071	572511	574682	0.57	cps
Ytterbium	172-1	67	17	125	69	78.07	cps
Ytterbium	172-2	33	39	50	41	20.83	cps
Ytterbium	176-1	10963	10471	10730	10721	2.30	cps
Ytterbium	176-2	11900	11839	12640	12126	3.68	cps
Yttrium	89-1	10576550	10650857	10653357	10626922	0.41	cps
Yttrium	89-2	1140789	1157112	1181809	1159903	1.78	cps
Zinc	66-2	1245929	1231384	1226498	1234604	0.82	cps
Zirconium	90-1	4773024	4736645	4577447	4695705	2.22	cps
Zirconium	91-1	1071711	1075920	1050201	1065944	1.29	cps

LB Number : LB123301 Operator : Jaswal
 Lab Sample ID : PB149510BL Instrumnet Name : P8
 Client Sample ID : PB149510BL Dilution Factor : 1
 Date & Time Acquired : 2022-12-15 13:16:15 DataFile Name : 040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	57	64	51	57	10.87	cps
Antimony	121-1	92	108	258	153	60.08	cps
Arsenic	75-2	4	3	4	4	15.75	cps
Barium	135-1	33	33	33	33	0.00	cps
Barium	137-1	42	50	33	42	20.00	cps
Beryllium	9-1	80	47	59	62	26.59	cps
Bismuth	209-1	4813486	5025936	5001466	4946962	2.35	cps
Bismuth	209-2	1578606	2237610	2337233	2051150	20.10	cps
Boron	10-1	3756	3882	3724	3787	2.21	cps
Boron	11-1	16997	17433	16380	16936	3.12	cps
Bromine	81-1	40159	38724	37378	38754	3.59	cps
Cadmium	111-1	321	308	304	311	2.84	cps
Cadmium	106-1	3059	2967	3050	3025	1.68	cps
Cadmium	108-1	8	25	38	24	61.98	cps
Calcium	43-1	121	126	135	127	5.45	cps
Calcium	44-1	9072	9055	9017	9048	0.31	cps
Carbon	12-1	7752976	7831830	7751601	7778803	0.59	cps
Carbon	12-2	93958	92323	92600	92960	0.94	cps
Chlorine	35-1	262117	260983	256171	259757	1.22	cps
Chlorine	35-2	1967	2017	1742	1909	7.68	cps
Chromium	52-2	477	473	510	487	4.17	cps
Cobalt	59-2	47	60	43	50	17.64	cps
Copper	63-2	720	790	737	749	4.88	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	58	50	8	39	68.89	cps
Erbium	164-2	10	7	13	10	33.30	cps
Gadolinium	160-1	50	58	75	61	20.83	cps
Gadolinium	160-2	97	133	100	110	18.43	cps
Holmium	165-1	7737206	7545077	7693886	7658723	1.32	cps
Holmium	165-2	2118195	3020268	3174180	2770881	20.59	cps
Indium	115-1	6453041	6456096	6511665	6473601	0.51	cps
Indium	115-2	655702	922609	992253	856855	20.73	cps
Iron	54-2	667	600	728	665	9.61	cps
Iron	56-2	3184	3145	3200	3176	0.90	cps
Iron	57-2	206	256	272	244	14.19	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149510BL	Instrumnet Name :	P8
Client Sample ID :	PB149510BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 13:16:15	DataFile Name :	040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	427	386	391	402	5.60	cps
Lead	206-1	761	861	761	794	7.27	cps
Lead	207-1	611	617	606	611	0.91	cps
Lead	208-1	3072	3061	2872	3002	3.74	cps
Lithium	6-1	3972997	3809599	4020542	3934379	2.81	cps
Magnesium	24-2	217	183	150	183	18.18	cps
Manganese	55-2	43	50	23	39	35.69	cps
Molybdenum	94-1	292	225	175	231	25.39	cps
Molybdenum	95-1	158	200	150	169	15.81	cps
Molybdenum	96-1	417	275	308	333	22.22	cps
Molybdenum	97-1	100	83	50	78	32.73	cps
Molybdenum	98-1	392	208	308	303	30.32	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	47	30	40	39	21.57	cps
Phosphorus	31-2	825	817	833	825	1.01	cps
Potassium	39-2	20498	19973	19806	20092	1.80	cps
Rhodium	103-1	6451008	6432266	6345797	6409690	0.88	cps
Rhodium	103-2	1805449	2679501	2687661	2390870	21.21	cps
Scandium	45-1	5017297	4783521	4982379	4927732	2.56	cps
Scandium	45-2	111108	155458	162915	143160	19.56	cps
Selenium	82-1	-4	26	49	24	110.86	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	71	46	60	59	21.24	cps
Silicon	28-1	792901	793689	788010	791533	0.39	cps
Silver	107-1	350	375	358	361	3.52	cps
Silver	109-1	317	333	242	297	16.43	cps
Sodium	23-2	20648	20682	20239	20523	1.20	cps
Strontium	86-1	817	708	758	761	7.12	cps
Strontium	88-1	1625	1208	758	1197	36.20	cps
Sulfur	34-1	313949	312892	311725	312855	0.36	cps
Terbium	159-1	7855402	7780514	8084397	7906771	2.00	cps
Terbium	159-2	2145721	3124190	3179283	2816398	20.65	cps
Thallium	203-1	317	325	208	283	22.97	cps
Thallium	205-1	683	600	667	650	6.78	cps
Tin	118-1	383	617	467	489	24.19	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149510BL	Instrumnet Name :	P8
Client Sample ID :	PB149510BL	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 13:16:15	DataFile Name :	040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	242	183	142	189	26.59	cps
Uranium	238-1	33	25	8	22	57.29	cps
Vanadium	51-2	0	7	0	2	173.21	cps
Ytterbium	172-1	50	67	50	56	17.32	cps
Ytterbium	172-2	17	39	11	22	66.14	cps
Ytterbium	176-1	1092	1108	1050	1083	2.77	cps
Ytterbium	176-2	5251	7563	8175	6996	22.04	cps
Yttrium	89-1	10595940	10546435	10874109	10672162	1.66	cps
Yttrium	89-2	770972	1111970	1153459	1012134	20.74	cps
Zinc	66-2	133	100	127	120	14.70	cps
Zirconium	90-1	458	400	517	458	12.73	cps
Zirconium	91-1	100	67	117	94	26.96	cps

LB Number : LB123301 Operator : Jaswal
 Lab Sample ID : PB149510BS Instrumnet Name : P8
 Client Sample ID : PB149510BS Dilution Factor : 1
 Date & Time Acquired : 2022-12-15 13:19:25 DataFile Name : 041LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	542982	526313	517553	528949	2.44	cps
Antimony	121-1	2385181	2463026	2517804	2455337	2.71	cps
Arsenic	75-2	76927	75594	73950	75490	1.98	cps
Barium	135-1	2909041	2932398	2843204	2894881	1.60	cps
Barium	137-1	4933998	5079159	4965731	4992963	1.53	cps
Beryllium	9-1	1210842	1210459	1208660	1209987	0.10	cps
Bismuth	209-1	4982390	4800743	4859572	4880902	1.90	cps
Bismuth	209-2	2354511	2389907	2423250	2389222	1.44	cps
Boron	10-1	225326	227520	228126	226991	0.65	cps
Boron	11-1	879719	920866	901305	900630	2.29	cps
Bromine	81-1	37458	40852	38413	38908	4.50	cps
Cadmium	111-1	686212	688528	679242	684660	0.71	cps
Cadmium	106-1	84385	84560	85189	84711	0.50	cps
Cadmium	108-1	55206	56838	57131	56391	1.84	cps
Calcium	43-1	1047823	1047403	1036044	1043757	0.64	cps
Calcium	44-1	16640565	16487216	16232290	16453357	1.25	cps
Carbon	12-1	7972586	8002235	7975717	7983513	0.20	cps
Carbon	12-2	96458	98161	94638	96419	1.83	cps
Chlorine	35-1	275217	269410	271285	271971	1.09	cps
Chlorine	35-2	2292	2109	2067	2156	5.55	cps
Chromium	52-2	760756	749529	733987	748091	1.80	cps
Cobalt	59-2	1395778	1299104	1272250	1322377	4.91	cps
Copper	63-2	10635362	10220728	9978287	10278126	3.23	cps
Dysprosium	156-1	183	192	125	167	21.80	cps
Dysprosium	156-2	103	70	100	91	20.15	cps
Erbium	164-1	25	58	75	53	48.24	cps
Erbium	164-2	13	17	30	20	44.10	cps
Gadolinium	160-1	133	125	150	136	9.35	cps
Gadolinium	160-2	147	147	177	157	11.06	cps
Holmium	165-1	7757917	7841066	7737785	7778923	0.70	cps
Holmium	165-2	3327697	3312440	3333460	3324532	0.33	cps
Indium	115-1	6341198	6477856	6615381	6478145	2.12	cps
Indium	115-2	988202	987546	978319	984689	0.56	cps
Iron	54-2	1854410	1868082	1762929	1828474	3.13	cps
Iron	56-2	33659738	32921401	32189934	32923691	2.23	cps
Iron	57-2	815397	791858	768481	791912	2.96	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149510BS	Instrumnet Name :	P8
Client Sample ID :	PB149510BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 13:19:25	DataFile Name :	041LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	445	447	392	428	7.25	cps
Lead	206-1	10194458	10056193	9595095	9948582	3.15	cps
Lead	207-1	8640679	9078832	8405275	8708262	3.93	cps
Lead	208-1	40335651	41116278	39197228	40216386	2.40	cps
Lithium	6-1	3887651	3972705	3863821	3908059	1.46	cps
Magnesium	24-2	7453455	7209759	7130385	7264533	2.32	cps
Manganese	55-2	4448757	4339003	4130064	4305941	3.76	cps
Molybdenum	94-1	9704686	10043731	9849509	9865975	1.72	cps
Molybdenum	95-1	14156227	14454466	14045321	14218672	1.49	cps
Molybdenum	96-1	15674972	15093091	15321013	15363026	1.91	cps
Molybdenum	97-1	8553326	8520851	8545035	8539738	0.20	cps
Molybdenum	98-1	22195078	22960743	21707917	22287913	2.83	cps
Neodymium	150-1	353	220	267	280	24.16	cps
Neodymium	150-2	13	3	20	12	68.66	cps
Nickel	60-2	364239	358970	353040	358750	1.56	cps
Phosphorus	31-2	36564	35937	33631	35377	4.36	cps
Potassium	39-2	2566900	2460626	2381387	2469638	3.77	cps
Rhodium	103-1	6492445	6457529	6353345	6434440	1.12	cps
Rhodium	103-2	2707299	2754609	2660461	2707456	1.74	cps
Scandium	45-1	5072131	5024342	5298960	5131811	2.86	cps
Scandium	45-2	174070	172955	167085	171370	2.19	cps
Selenium	82-1	65297	65496	64813	65202	0.54	cps
Selenium	77-2	1943	1983	1970	1966	1.04	cps
Selenium	78-2	7015	6938	6643	6866	2.86	cps
Silicon	28-1	11941547	11650914	11830153	11807538	1.24	cps
Silver	107-1	3728912	3701766	3669292	3699990	0.81	cps
Silver	109-1	3560199	3595060	3680959	3612073	1.72	cps
Sodium	23-2	13500212	13005720	12610369	13038767	3.42	cps
Strontium	86-1	21932125	21801817	21954893	21896278	0.38	cps
Strontium	88-1	189171408	191069383	186987692	189076161	1.08	cps
Sulfur	34-1	772988	778625	756504	769372	1.49	cps
Terbium	159-1	8037361	8061658	8213590	8104203	1.18	cps
Terbium	159-2	3282606	3362517	3272369	3305831	1.49	cps
Thallium	203-1	2437395	2396617	2270682	2368231	3.67	cps
Thallium	205-1	5691583	5509475	5511947	5571001	1.87	cps
Tin	118-1	2172858	2176000	2065683	2138180	2.94	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	PB149510BS	Instrumnet Name :	P8
Client Sample ID :	PB149510BS	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 13:19:25	DataFile Name :	041LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4582183	4546052	4515242	4547826	0.74	cps
Uranium	238-1	7536728	7460796	7516431	7504652	0.52	cps
Vanadium	51-2	600985	583700	582525	589070	1.75	cps
Ytterbium	172-1	67	108	83	86	24.35	cps
Ytterbium	172-2	39	50	28	39	28.57	cps
Ytterbium	176-1	10888	10713	10429	10677	2.17	cps
Ytterbium	176-2	12701	12445	12206	12451	1.99	cps
Yttrium	89-1	11160962	10810837	10954601	10975467	1.60	cps
Yttrium	89-2	1201091	1205904	1191866	1199620	0.59	cps
Zinc	66-2	1301636	1271049	1260595	1277760	1.67	cps
Zirconium	90-1	4873924	4646862	4795608	4772132	2.42	cps
Zirconium	91-1	1064700	1060284	1055874	1060286	0.42	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 13:22:26	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2668100	2677944	2659089	2668378	0.35	cps
Antimony	121-1	2344447	2369110	2330351	2347969	0.84	cps
Arsenic	75-2	73734	72770	70623	72376	2.20	cps
Barium	135-1	2911636	2977596	2985982	2958405	1.38	cps
Barium	137-1	5077078	5060704	5107429	5081737	0.47	cps
Beryllium	9-1	1178319	1147325	1177287	1167644	1.51	cps
Bismuth	209-1	4573595	4706127	4578208	4619310	1.63	cps
Bismuth	209-2	2263617	2268120	2257372	2263036	0.24	cps
Boron	10-1	224187	241921	241561	235890	4.30	cps
Boron	11-1	901164	950675	1007454	953098	5.58	cps
Bromine	81-1	38081	38112	37971	38055	0.19	cps
Cadmium	111-1	662706	660319	650714	657913	0.96	cps
Cadmium	106-1	79630	79857	80167	79885	0.34	cps
Cadmium	108-1	54135	54319	54215	54223	0.17	cps
Calcium	43-1	4529772	4668028	4593795	4597198	1.51	cps
Calcium	44-1	74312691	74186002	76517928	75005540	1.75	cps
Carbon	12-1	8365951	8572976	8557936	8498955	1.36	cps
Carbon	12-2	103757	103934	102029	103240	1.02	cps
Chlorine	35-1	242839	245431	244371	244214	0.53	cps
Chlorine	35-2	1783	1934	2059	1925	7.15	cps
Chromium	52-2	758335	743339	738148	746607	1.40	cps
Cobalt	59-2	1292804	1274457	1252240	1273167	1.60	cps
Copper	63-2	10480893	10167941	10112548	10253794	1.94	cps
Dysprosium	156-1	625	742	483	617	20.98	cps
Dysprosium	156-2	227	247	257	243	6.28	cps
Erbium	164-1	83	92	42	72	37.09	cps
Erbium	164-2	33	30	40	34	14.78	cps
Gadolinium	160-1	583	683	675	647	8.57	cps
Gadolinium	160-2	417	373	323	371	12.59	cps
Holmium	165-1	8035456	7919368	8165978	8040267	1.53	cps
Holmium	165-2	3356107	3299343	3391147	3348866	1.38	cps
Indium	115-1	6630639	6334394	6410509	6458514	2.38	cps
Indium	115-2	970322	984963	953474	969586	1.63	cps
Iron	54-2	8546851	8353047	8634909	8511602	1.69	cps
Iron	56-2	158646937	149725720	153005976	153792878	2.93	cps
Iron	57-2	3926324	3863125	3845228	3878226	1.10	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 13:22:26	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	421	445	475	447	6.02	cps
Lead	206-1	9783219	9863698	9775966	9807627	0.50	cps
Lead	207-1	8699663	8678305	8530218	8636062	1.07	cps
Lead	208-1	39547703	39543599	39578465	39556589	0.05	cps
Lithium	6-1	3927382	3801878	3887714	3872325	1.66	cps
Magnesium	24-2	35383185	34886064	34922978	35064076	0.79	cps
Manganese	55-2	4185423	4068180	4050138	4101247	1.79	cps
Molybdenum	94-1	9782107	9762274	9738761	9761047	0.22	cps
Molybdenum	95-1	13669864	14416413	13778578	13954952	2.89	cps
Molybdenum	96-1	15192869	15621641	14591013	15135174	3.42	cps
Molybdenum	97-1	8556768	8756840	8466063	8593224	1.73	cps
Molybdenum	98-1	22484173	22830726	22200584	22505161	1.40	cps
Neodymium	150-1	220	293	300	271	16.37	cps
Neodymium	150-2	17	17	23	19	20.36	cps
Nickel	60-2	363329	358218	346871	356139	2.37	cps
Phosphorus	31-2	35620	35035	34884	35179	1.10	cps
Potassium	39-2	12259724	11963141	12200166	12141010	1.29	cps
Rhodium	103-1	6200331	6102754	6207673	6170253	0.95	cps
Rhodium	103-2	2610351	2634732	2589995	2611693	0.86	cps
Scandium	45-1	5034784	5102361	5132466	5089870	0.98	cps
Scandium	45-2	170323	168927	171082	170111	0.64	cps
Selenium	82-1	60942	61924	61654	61506	0.82	cps
Selenium	77-2	1903	1964	1953	1940	1.66	cps
Selenium	78-2	6421	6503	6443	6456	0.66	cps
Silicon	28-1	11942405	11994972	12417819	12118399	2.15	cps
Silver	107-1	3637701	3772060	3571421	3660394	2.79	cps
Silver	109-1	3528708	3425719	3366899	3440442	2.38	cps
Sodium	23-2	65028514	64113697	63285499	64142570	1.36	cps
Strontium	86-1	21720117	22097698	21912416	21910077	0.86	cps
Strontium	88-1	196218117	189956804	192036675	192737199	1.65	cps
Sulfur	34-1	752150	744414	745576	747380	0.56	cps
Terbium	159-1	8279683	8186863	8448279	8304942	1.60	cps
Terbium	159-2	3382116	3263044	3345418	3330192	1.83	cps
Thallium	203-1	2308515	2331335	2304699	2314850	0.62	cps
Thallium	205-1	5469241	5479932	5443338	5464170	0.34	cps
Tin	118-1	2106571	2162593	2129899	2133021	1.32	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 13:22:26	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4559567	4564736	4635816	4586706	0.93	cps
Uranium	238-1	7709787	7820758	7782390	7770978	0.73	cps
Vanadium	51-2	617180	599396	598101	604892	1.76	cps
Ytterbium	172-1	217	242	258	239	8.78	cps
Ytterbium	172-2	106	144	83	111	27.84	cps
Ytterbium	176-1	11180	11055	11497	11244	2.03	cps
Ytterbium	176-2	11983	12017	13084	12362	5.07	cps
Yttrium	89-1	10747122	11070947	11210533	11009534	2.16	cps
Yttrium	89-2	1207005	1210314	1179712	1199010	1.40	cps
Zinc	66-2	1218316	1216819	1175653	1203596	2.01	cps
Zirconium	90-1	4732274	4815642	4733161	4760359	1.01	cps
Zirconium	91-1	1075455	1085296	1050164	1070305	1.69	cps

LB Number : LB123301 Operator : Jaswal
 Lab Sample ID : CCB07 Instrumnet Name : P8
 Client Sample ID : CCB07 Dilution Factor : 1
 Date & Time Acquired : 2022-12-15 13:29:56 DataFile Name : 043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	72	66	87	75	14.48	cps
Antimony	121-1	267	242	383	297	25.44	cps
Arsenic	75-2	1	3	3	2	49.49	cps
Barium	135-1	92	42	33	56	56.79	cps
Barium	137-1	108	33	42	61	67.27	cps
Beryllium	9-1	92	99	75	89	13.87	cps
Bismuth	209-1	4800762	5091996	4825271	4906010	3.29	cps
Bismuth	209-2	2408159	2444828	2332819	2395269	2.38	cps
Boron	10-1	8477	7777	7460	7905	6.58	cps
Boron	11-1	35787	34454	33754	34665	2.98	cps
Bromine	81-1	34488	36938	38312	36579	5.30	cps
Cadmium	111-1	326	333	316	325	2.64	cps
Cadmium	106-1	3059	3192	3175	3142	2.31	cps
Cadmium	108-1	13	33	38	28	48.22	cps
Calcium	43-1	182	172	117	157	22.22	cps
Calcium	44-1	9918	9511	9436	9622	2.70	cps
Carbon	12-1	7763331	7977840	8064983	7935385	1.96	cps
Carbon	12-2	96827	96558	95099	96161	0.97	cps
Chlorine	35-1	251125	250576	240222	247308	2.48	cps
Chlorine	35-2	1458	1892	1758	1703	13.04	cps
Chromium	52-2	513	440	483	479	7.70	cps
Cobalt	59-2	80	73	47	67	26.45	cps
Copper	63-2	803	820	913	846	7.01	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	8	33	19	65.47	cps
Erbium	164-2	10	13	17	13	25.01	cps
Gadolinium	160-1	17	33	25	25	33.32	cps
Gadolinium	160-2	110	147	87	114	26.43	cps
Holmium	165-1	7688532	7830413	7815364	7778103	1.00	cps
Holmium	165-2	3178003	3228061	3246607	3217557	1.10	cps
Indium	115-1	6547229	6713627	6717279	6659378	1.46	cps
Indium	115-2	999488	1006712	981685	995961	1.29	cps
Iron	54-2	694	733	711	713	2.74	cps
Iron	56-2	3862	3695	3795	3784	2.22	cps
Iron	57-2	306	178	272	252	26.32	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P8
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 13:29:56	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	360	371	385	372	3.37	cps
Lead	206-1	917	883	911	904	1.98	cps
Lead	207-1	906	811	694	804	13.16	cps
Lead	208-1	3950	3617	3345	3637	8.34	cps
Lithium	6-1	3945411	3811216	3930669	3895765	1.89	cps
Magnesium	24-2	308	333	442	361	19.63	cps
Manganese	55-2	67	57	83	69	19.55	cps
Molybdenum	94-1	500	200	350	350	42.86	cps
Molybdenum	95-1	367	333	275	325	14.28	cps
Molybdenum	96-1	508	433	408	450	11.57	cps
Molybdenum	97-1	258	175	183	206	22.33	cps
Molybdenum	98-1	608	492	308	469	32.22	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	57	40	60	52	20.52	cps
Phosphorus	31-2	725	800	675	733	8.58	cps
Potassium	39-2	20365	20790	20799	20651	1.20	cps
Rhodium	103-1	6564896	6586547	6550313	6567252	0.28	cps
Rhodium	103-2	2778728	2763220	2629814	2723921	3.01	cps
Scandium	45-1	5014574	5078011	5090993	5061193	0.81	cps
Scandium	45-2	168057	164267	164459	165594	1.29	cps
Selenium	82-1	66	46	10	41	69.83	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	61	60	44	55	17.35	cps
Silicon	28-1	798575	800827	791888	797097	0.58	cps
Silver	107-1	475	508	517	500	4.41	cps
Silver	109-1	425	533	467	475	11.50	cps
Sodium	23-2	22777	22535	24029	23113	3.47	cps
Strontium	86-1	1092	733	758	861	23.23	cps
Strontium	88-1	4176	2109	1567	2617	52.61	cps
Sulfur	34-1	298402	303104	299975	300494	0.80	cps
Terbium	159-1	8034496	8167480	8390563	8197513	2.19	cps
Terbium	159-2	3236729	3223499	3197367	3219199	0.62	cps
Thallium	203-1	342	342	400	361	9.33	cps
Thallium	205-1	942	825	825	864	7.80	cps
Tin	118-1	500	642	800	647	23.22	cps

LB Number :	LB123301	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P8
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired :	2022-12-15 13:29:56	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	225	200	250	225	11.11	cps
Uranium	238-1	167	92	58	106	52.56	cps
Vanadium	51-2	3	7	7	6	34.70	cps
Ytterbium	172-1	25	58	58	47	40.76	cps
Ytterbium	172-2	11	11	39	20	78.74	cps
Ytterbium	176-1	975	1192	1050	1072	10.26	cps
Ytterbium	176-2	8103	8520	8603	8408	3.19	cps
Yttrium	89-1	11198592	11226437	11106505	11177178	0.56	cps
Yttrium	89-2	1176330	1166657	1159709	1167565	0.71	cps
Zinc	66-2	170	183	123	159	19.83	cps
Zirconium	90-1	500	458	375	444	14.32	cps
Zirconium	91-1	117	117	125	119	4.03	cps