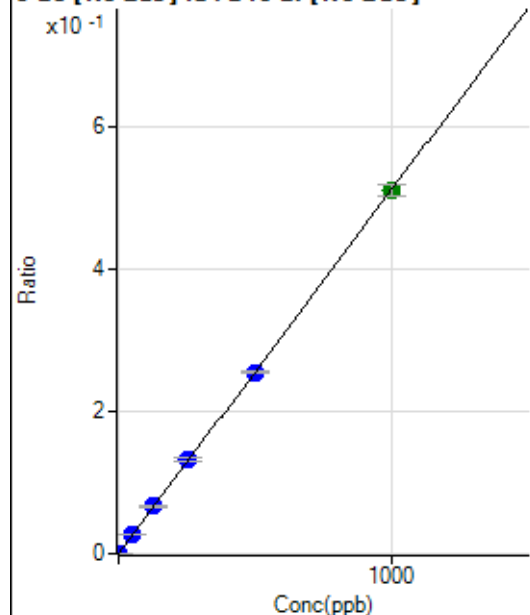


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7022223MS.b\
Analysis File: P7022223MS.batch.bin
DA Date-Time: 2023-02-22 14:47:35
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-02-22 11:12:02
2	005CALS.d	S02	2023-02-22 11:14:53
3	007CALS.d	S03	2023-02-22 11:21:11
4	008CALS.d	S04	2023-02-22 11:25:27
5	009CALS.d	S05	2023-02-22 11:28:11
6	010CALS.d	S06	2023-02-22 11:30:57
7	011CALS.d	S07	2023-02-22 11:33:41
8	012CALS.d	S08	2023-02-22 11:36:28

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	40.00	0.0000	P	18.6
2	☐	1.000	1.056	1845.68	0.0006	P	3.7
3	☐	50.000	54.023	89757.70	0.0276	P	0.4
4	☐	125.000	130.135	206000.43	0.0665	P	1.4
5	☐	250.000	260.196	402171.99	0.1330	P	3.2
6	☐	500.000	498.870	768777.84	0.2551	P	1.1
7	☐	1000.000	997.173	1488382.17	0.5098	A	3.0
8	☐			785.58	0.0003	P	18.3

$$y = 5.1126\text{E-}004 * x + 1.1939\text{E-}005$$

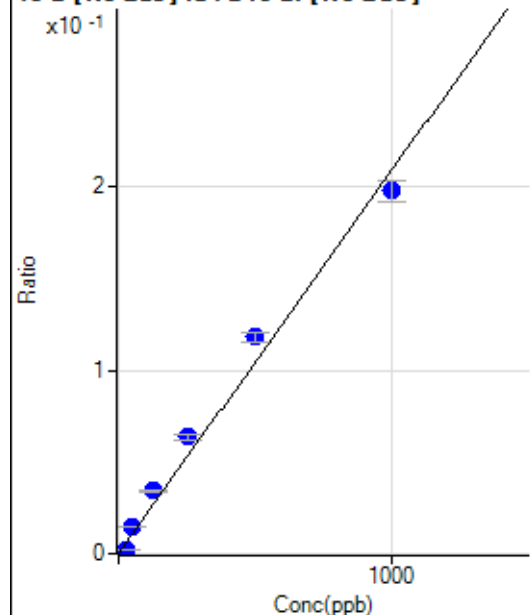
$$R = 0.9999$$

$$DL = 0.01304$$

$$BEC = 0.02335$$

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	197.23	0.0001	P	19.6
2	☐	25.000	10.325	7404.76	0.0022	P	8.8
3	☐	50.000	69.832	47509.36	0.0146	P	3.3
4	☐	125.000	164.849	106581.33	0.0344	P	3.5
5	☐	250.000	304.369	192019.36	0.0635	P	5.0
6	☐	500.000	566.945	356580.62	0.1183	P	4.5
7	☐	1000.000	947.329	576889.81	0.1976	P	6.0
8	☐			22177.45	0.0081	P	10.2

$$y = 2.0854\text{E-}004 * x + 5.8610\text{E-}005$$

$$R = 0.9937$$

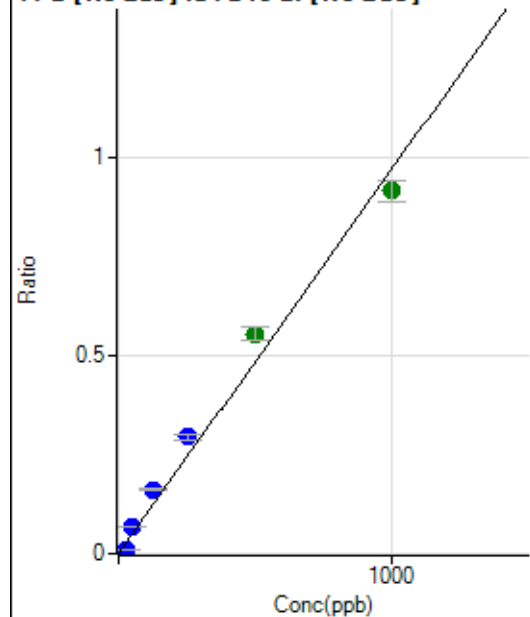
$$DL = 0.1653$$

$$BEC = 0.281$$

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	808.37	0.0002	P	3.4
2	☐	25.000	10.265	34171.54	0.0102	P	4.2
3	☐	50.000	69.477	220029.49	0.0677	P	3.7
4	☐	125.000	165.782	499141.24	0.1613	P	2.2
5	☐	250.000	303.805	892516.17	0.2953	P	5.0
6	☐	500.000	572.163	1675728.73	0.5559	A	6.2
7	☐	1000.000	944.764	2679342.22	0.9178	A	5.6
8	☐			101793.79	0.0371	P	11.5

$$y = 9.7123\text{E-}004 * x + 2.4067\text{E-}004$$

$$R = 0.9931$$

$$DL = 0.02511$$

$$BEC = 0.2478$$

Weight: <None>

Min Conc: 0

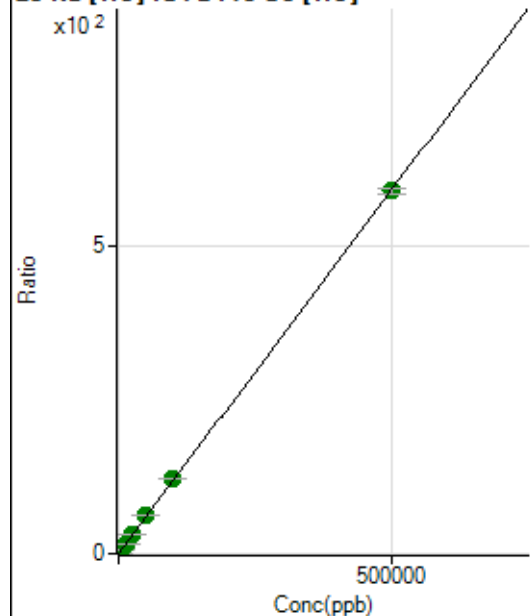
12 C [No Gas] No available calibration points



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

12 C [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8022.59	0.0192	P	5.4
2	☐	500.000	486.524	251034.73	0.5955	P	1.4
3	☐	5000.000	5511.880	2610707.70	6.5482	A	1.0
4	☐	12500.000	13470.942	5958591.10	15.9760	A	1.5
5	☐	25000.000	27008.813	11752799.34	32.0121	A	0.3
6	☐	50000.000	52784.774	23095939.41	62.5446	A	1.9
7	☐	100000.00	103229.70	45859596.86	122.2984	A	0.4
8	☐	500000.00	498945.76	226015993.9	591.0382	A	1.5

$$y = 0.0012 * x + 0.0192$$

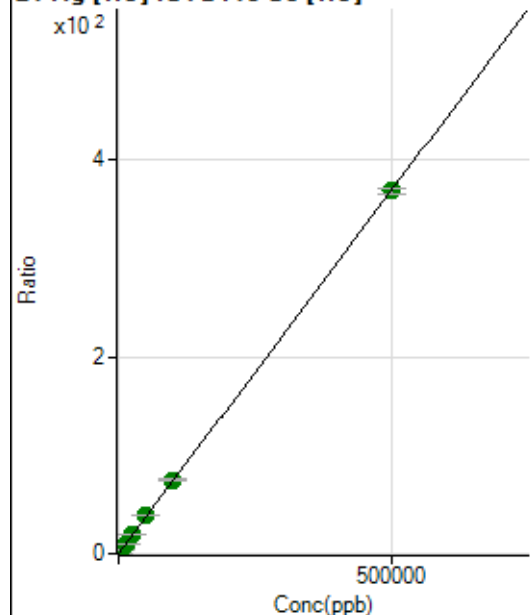
$$R = 1.0000$$

$$DL = 2.65$$

$$BEC = 16.21$$

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	348.16	0.0008	P	14.9
2	☐	500.000	491.130	153090.13	0.3632	P	2.2
3	☐	5000.000	5543.504	1631094.16	4.0909	A	1.9
4	☐	12500.000	13455.081	3703175.60	9.9281	A	0.6
5	☐	25000.000	27025.459	7320754.68	19.9404	A	0.8
6	☐	50000.000	52180.890	14217500.20	38.5002	A	1.3
7	☐	100000.00	101627.86	28115980.26	74.9824	A	1.5
8	☐	500000.00	499325.76	140874045.7	368.4061	A	1.8

$$y = 7.3781E-004 * x + 8.3348E-004$$

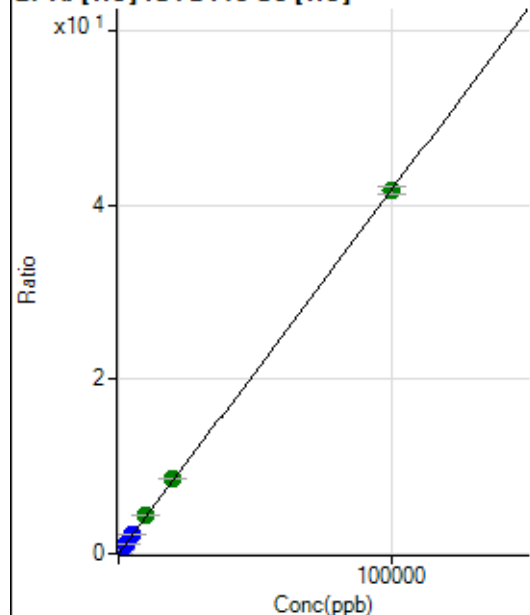
$$R = 1.0000$$

$$DL = 0.5062$$

$$BEC = 1.13$$

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	79.63	0.0002	P	27.7
2	☐	20.000	20.395	3665.31	0.0087	P	5.0
3	☐	1000.000	1141.831	189971.70	0.4765	P	0.2
4	☐	2500.000	2689.228	418467.88	1.1219	P	1.2
5	☐	5000.000	5405.851	827913.15	2.2551	P	0.6
6	☐	10000.000	10685.867	1646072.56	4.4574	A	1.0
7	☐	20000.000	20504.317	3207139.97	8.5529	A	1.0
8	☐	100000.00	99804.108	15918397.11	41.6301	A	2.1

$$y = 4.1712E-004 * x + 1.9049E-004$$

$$R = 1.0000$$

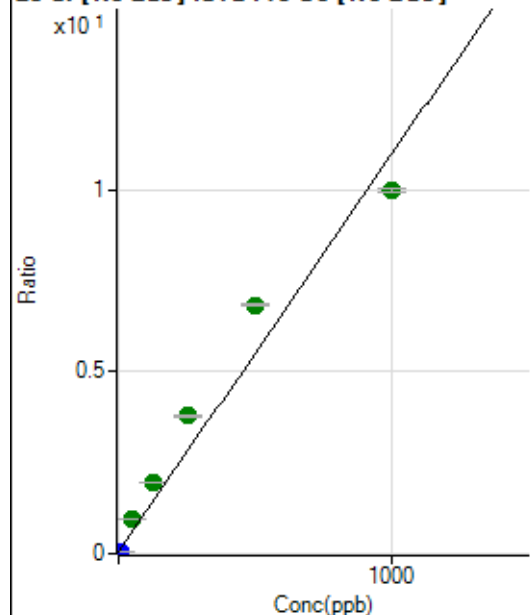
$$DL = 0.3794$$

$$BEC = 0.4567$$

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	284086.55	0.0510	P	1.9
2	☐	10.000	0.734	324425.68	0.0590	P	1.6
3	☐	50.000	84.473	5090934.36	0.9721	A	0.7
4	☐	125.000	174.048	9629384.68	1.9489	A	0.6
5	☐	250.000	341.565	18117829.05	3.7754	A	1.9
6	☐	500.000	621.401	33150335.81	6.8268	A	1.0
7	☐	1000.000	908.646	48469400.74	9.9589	A	0.9
8	☐			1428848.72	0.2934	A	11.6

$$y = 0.0109 * x + 0.0510$$

$$R = 0.9817$$

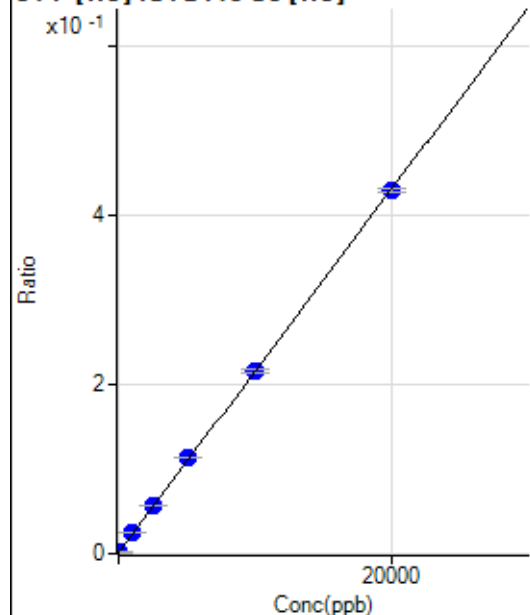
$$DL = 0.2655$$

$$BEC = 4.681$$

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	-7.504	380.57	0.0009	P	23.5
2	☐	0.000	7.504	519.47	0.0012	P	21.9
3	☐	1000.000	1084.362	9714.45	0.0244	P	0.5
4	☐	2500.000	2610.404	21312.45	0.0571	P	2.0
5	☐	5000.000	5259.238	41869.04	0.1140	P	1.1
6	☐	10000.000	10019.089	79858.31	0.2163	P	2.4
7	☐	20000.000	19907.627	160746.12	0.4287	P	1.1
8	☐			336.12	0.0009	P	24.5

$$y = 2.1480E-005 * x + 0.0011$$

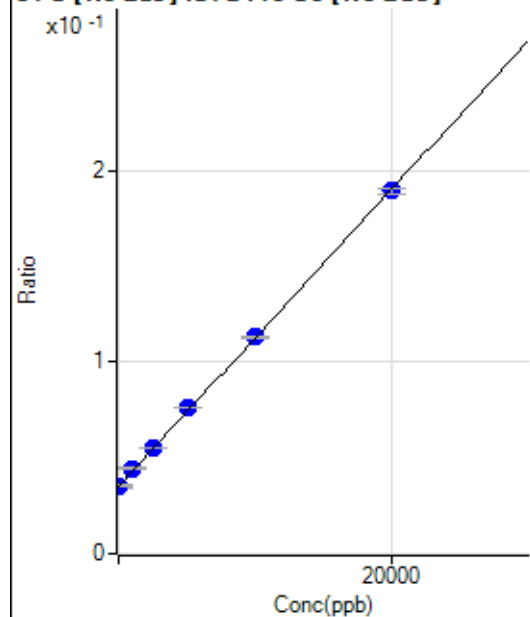
$$R = 0.9999$$

$$DL = 33.8$$

$$BEC = 49.96$$

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	-33.301	194642.45	0.0350	P	2.7
2	☐	0.000	33.301	195022.17	0.0355	P	1.7
3	☐	1000.000	1205.766	233536.64	0.0446	P	1.3
4	☐	2500.000	2585.607	273296.50	0.0553	P	0.7
5	☐	5000.000	5303.564	366705.73	0.0764	P	0.9
6	☐	10000.000	10047.026	549888.52	0.1132	P	0.9
7	☐	20000.000	19879.607	922706.51	0.1896	P	1.5
8	☐			171098.52	0.0351	P	1.4

$$y = 7.7646\text{E-}006 * x + 0.0352$$

R = 0.9998

DL = 299.6

BEC = 4538

Weight: <None>

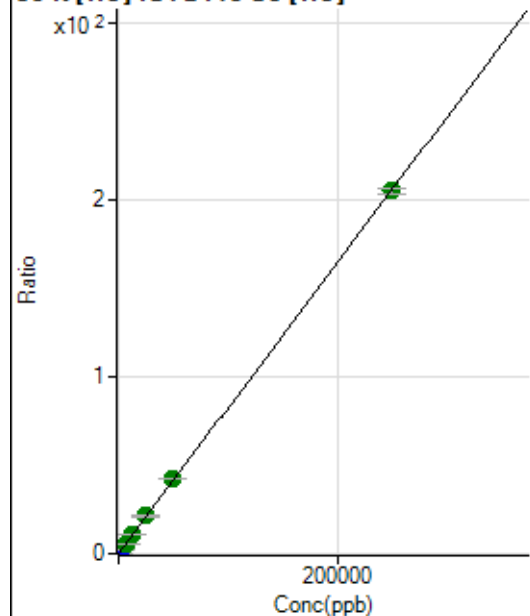
Min Conc: 0

35 Cl [No Gas] No available calibration points

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

35 Cl [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	32435.20	0.0776	P	2.8
2	☐	500.000	514.892	210971.69	0.5005	P	1.2
3	☐	2500.000	2892.488	977948.63	2.4528	P	0.3
4	☐	6250.000	6598.741	2050027.00	5.4963	A	1.0
5	☐	12500.000	13269.905	4029014.41	10.9743	A	0.7
6	☐	25000.000	25839.868	7863940.63	21.2963	A	1.8
7	☐	50000.000	50942.382	15715302.26	41.9094	A	0.2
8	☐	250000.00	249676.36	78429771.20	205.1013	A	1.7

$$y = 8.2116\text{E-}004 * x + 0.0776$$

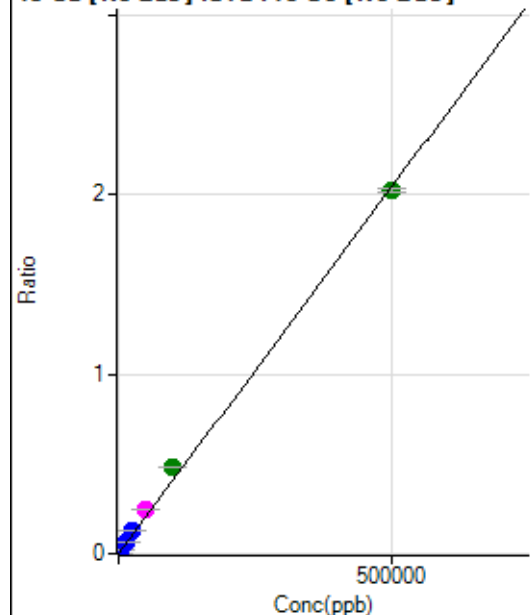
$$R = 1.0000$$

$$DL = 7.953$$

$$BEC = 94.56$$

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	116.67	0.0000	P	24.4
2	☐	500.000	511.951	11590.79	0.0021	P	1.9
3	☐	5000.000	6500.921	138960.59	0.0265	P	0.6
4	☐	12500.000	15705.804	316612.17	0.0641	P	1.2
5	☐	25000.000	31762.420	621781.22	0.1296	P	1.9
6	☐	50000.000	59928.690	1186941.71	0.2444	M	1.0
7	☐	100000.00	117833.22	2339009.86	0.4806	A	1.7
8	☐	500000.00	495007.19	9831372.01	2.0189	A	1.1

$$y = 4.0785E-006 * x + 2.0947E-005$$

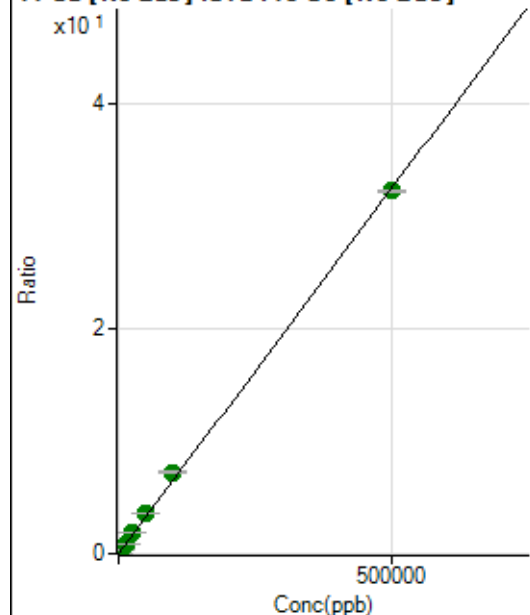
$$R = 0.9992$$

$$DL = 3.762$$

$$BEC = 5.136$$

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	3803.37	0.0007	P	9.6
2	☐	500.000	523.992	190748.04	0.0347	P	0.6
3	☐	5000.000	5920.954	2017131.23	0.3852	A	0.7
4	☐	12500.000	14244.790	4574027.58	0.9257	A	0.5
5	☐	25000.000	28811.761	8982051.59	1.8717	A	0.7
6	☐	50000.000	56157.559	17711694.67	3.6475	A	0.6
7	☐	100000.00	111153.65	35133278.91	7.2189	A	1.8
8	☐	500000.00	496910.07	157140872.9	32.2694	A	0.5

$$y = 6.4939E-005 * x + 6.8368E-004$$

$$R = 0.9997$$

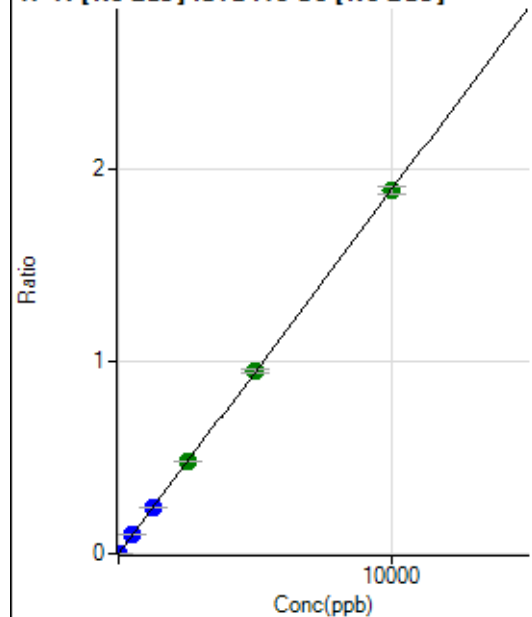
$$DL = 3.043$$

$$BEC = 10.53$$

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	144.45	0.0000	P	15.6
2	☐	5.000	4.662	4984.30	0.0009	P	5.9
3	☐	500.000	522.616	516996.99	0.0987	P	0.8
4	☐	1250.000	1267.282	1182667.05	0.2394	P	0.0
5	☐	2500.000	2545.977	2307523.27	0.4808	A	0.8
6	☐	5000.000	5017.846	4601562.95	0.9477	A	1.4
7	☐	10000.000	9976.292	9169572.60	1.8841	A	2.0
8	☐			4367.44	0.0009	P	21.9

$$y = 1.8885\text{E-}004 * x + 2.5981\text{E-}005$$

$$R = 1.0000$$

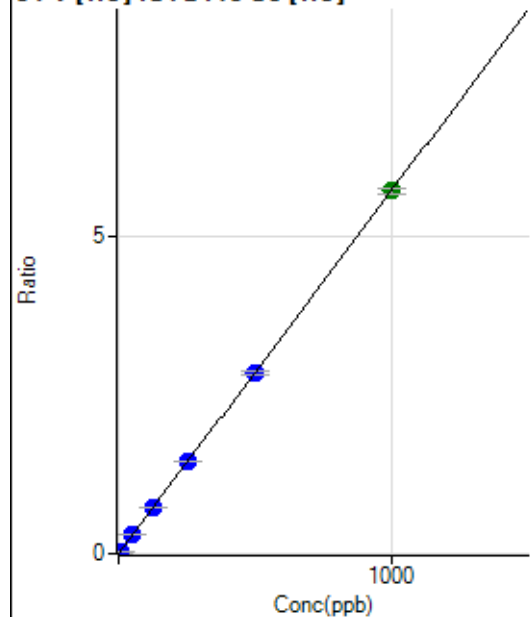
$$DL = 0.0643$$

$$BEC = 0.1376$$

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	4.44	0.0000	P	45.6
2	☐	5.000	4.616	11134.18	0.0264	P	1.8
3	☐	50.000	51.563	117590.24	0.2949	P	1.2
4	☐	125.000	125.616	267998.60	0.7185	P	1.2
5	☐	250.000	253.999	533392.75	1.4529	P	1.1
6	☐	500.000	498.520	1052982.55	2.8515	P	1.4
7	☐	1000.000	999.587	2143929.47	5.7176	A	1.5
8	☐			876.70	0.0023	P	6.7

$$y = 0.0057 * x + 1.0697\text{E-}005$$

$$R = 1.0000$$

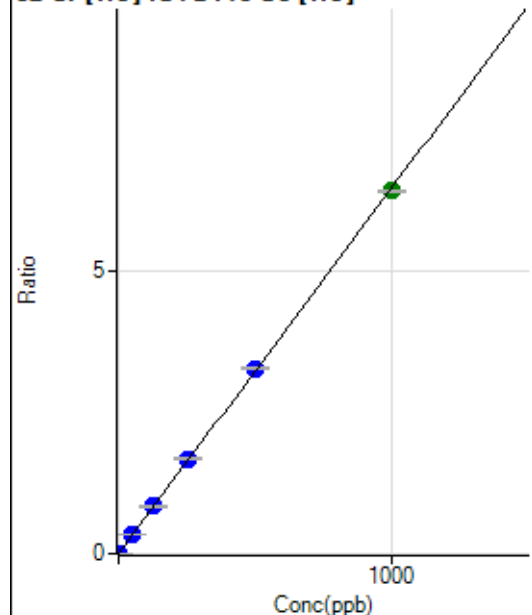
$$DL = 0.002559$$

$$BEC = 0.00187$$

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	795.58	0.0019	P	4.2
2	☐	2.000	1.903	5986.80	0.0142	P	3.6
3	☐	50.000	53.659	138951.96	0.3485	P	0.2
4	☐	125.000	129.165	311900.43	0.8362	P	1.3
5	☐	250.000	260.265	617895.78	1.6831	P	0.9
6	☐	500.000	507.613	1211487.07	3.2808	P	1.5
7	☐	1000.000	992.924	2405695.64	6.4156	A	0.6
8	☐			23298.06	0.0609	P	1.5

$$y = 0.0065 * x + 0.0019$$

$$R = 0.9999$$

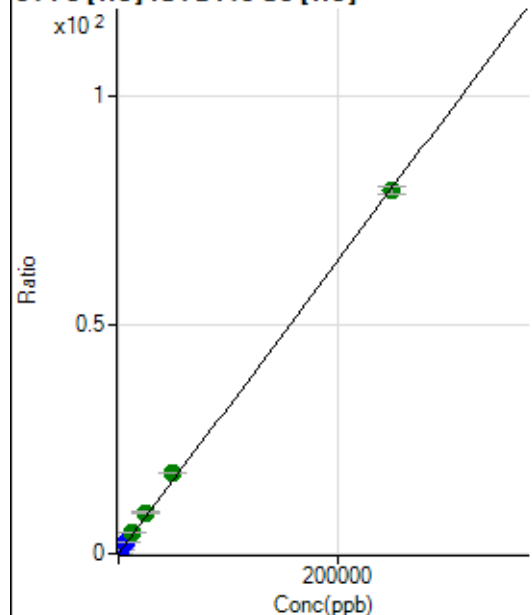
$$DL = 0.03719$$

$$BEC = 0.2949$$

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	1570.32	0.0038	P	4.3
2	☐	50.000	55.888	9084.82	0.0216	P	2.7
3	☐	2500.000	3135.894	399518.34	1.0021	P	0.5
4	☐	6250.000	7583.600	901853.88	2.4180	P	1.5
5	☐	12500.000	14606.207	1708510.69	4.6536	A	0.8
6	☐	25000.000	28237.116	3320776.37	8.9929	A	1.5
7	☐	50000.000	55243.207	6595802.32	17.5901	A	1.1
8	☐	250000.00	248482.63	30248505.85	79.1068	A	2.1

$$y = 3.1834E-004 * x + 0.0038$$

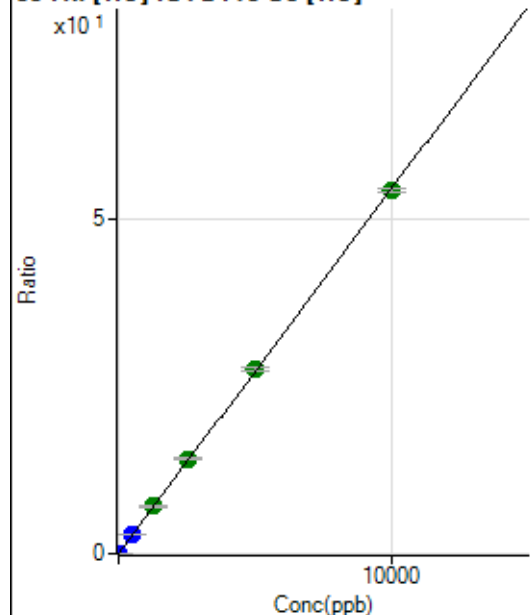
$$R = 0.9997$$

$$DL = 1.534$$

$$BEC = 11.81$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	114.45	0.0003	P	11.5
2	☐	1.000	1.005	2431.33	0.0058	P	4.5
3	☐	500.000	540.008	1177036.55	2.9522	P	0.2
4	☐	1250.000	1299.416	2649270.27	7.1033	A	2.0
5	☐	2500.000	2604.634	5227299.92	14.2381	A	0.5
6	☐	5000.000	5045.864	10185196.86	27.5828	A	1.8
7	☐	10000.000	9942.732	20380283.72	54.3508	A	1.0
8	☐			23416.08	0.0612	P	1.6

$$y = 0.0055 * x + 2.7388E-004$$

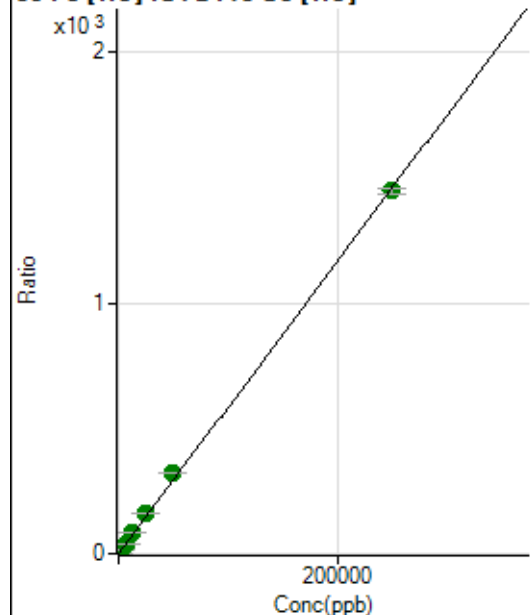
$$R = 0.9999$$

$$DL = 0.01733$$

$$BEC = 0.0501$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	9117.72	0.0218	P	2.0
2	☐	50.000	55.039	144315.06	0.3424	P	2.2
3	☐	2500.000	2996.971	6967991.71	17.4761	A	0.7
4	☐	6250.000	7190.915	15629667.71	41.9016	A	1.2
5	☐	12500.000	14440.433	30883812.49	84.1227	A	1.1
6	☐	25000.000	28087.793	60414991.16	163.6048	A	1.4
7	☐	50000.000	54842.550	119778992.4	319.4241	A	0.1
8	☐	250000.00	248597.19	553661275.3	1.447.848	A	1.5

$$y = 0.0058 * x + 0.0218$$

$$R = 0.9998$$

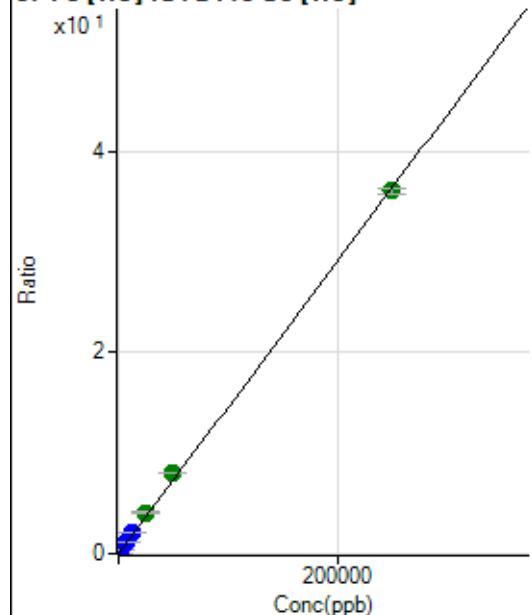
$$DL = 0.2225$$

$$BEC = 3.747$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	233.34	0.0006	P	2.6
2	☐	50.000	57.247	3737.57	0.0089	P	8.1
3	☐	2500.000	3084.222	178789.67	0.4484	P	0.4
4	☐	6250.000	7430.998	402691.17	1.0796	P	1.0
5	☐	12500.000	14870.677	792980.64	2.1600	P	1.2
6	☐	25000.000	28273.291	1516276.03	4.1062	A	1.6
7	☐	50000.000	55299.621	3011380.82	8.0308	A	0.5
8	☐	250000.00	248458.84	13797321.84	36.0801	A	1.3

$$y = 1.4521\text{E-}004 * x + 5.5850\text{E-}004$$

$$R = 0.9997$$

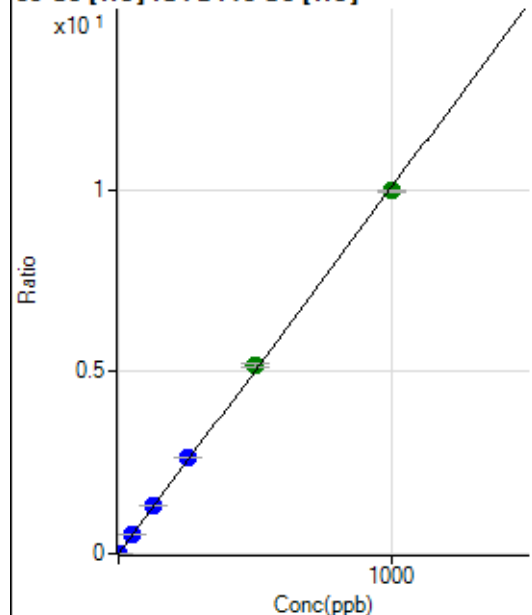
$$DL = 0.3046$$

$$BEC = 3.846$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	35.56	0.0001	P	22.1
2	☐	1.000	1.034	4421.80	0.0105	P	3.5
3	☐	50.000	54.364	218110.85	0.5471	P	0.7
4	☐	125.000	130.792	490864.95	1.3160	P	1.1
5	☐	250.000	261.213	964888.62	2.6282	P	1.0
6	☐	500.000	512.492	1903976.81	5.1564	A	2.1
7	☐	1000.000	990.009	3735226.71	9.9608	A	0.7
8	☐			4877.51	0.0128	P	3.6

$$y = 0.0101 * x + 8.5169\text{E-}005$$

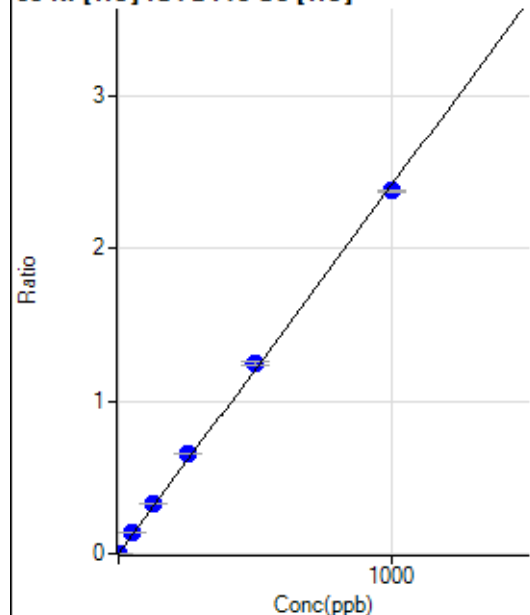
$$R = 0.9998$$

$$DL = 0.005624$$

$$BEC = 0.008465$$

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	78.89	0.0002	P	17.3
2	☐	1.000	1.069	1166.72	0.0028	P	0.3
3	☐	50.000	57.409	55301.56	0.1387	P	0.8
4	☐	125.000	135.056	121614.08	0.3261	P	1.8
5	☐	250.000	271.028	240150.89	0.6541	P	0.9
6	☐	500.000	516.339	460107.21	1.2460	P	1.8
7	☐	1000.000	984.946	891223.97	2.3767	P	0.2
8	☐			3542.68	0.0093	P	2.5

$$y = 0.0024 * x + 1.8891E-004$$

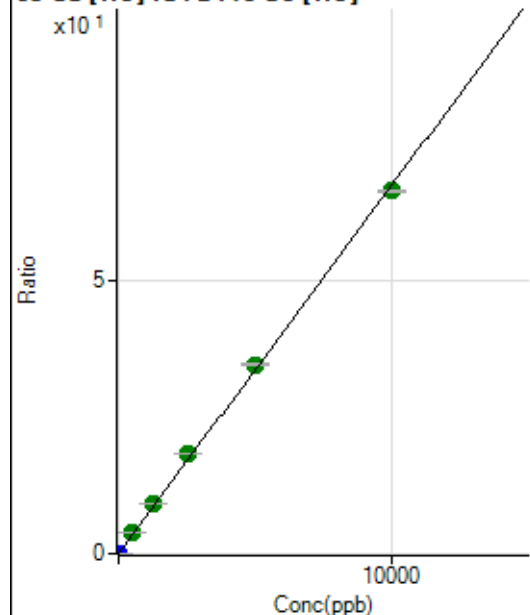
$$R = 0.9995$$

$$DL = 0.04071$$

$$BEC = 0.07829$$

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	517.79	0.0012	P	4.8
2	☐	2.000	2.045	6322.50	0.0150	P	0.5
3	☐	500.000	570.274	1530055.48	3.8378	A	1.5
4	☐	1250.000	1354.474	3399044.81	9.1136	A	1.8
5	☐	2500.000	2709.110	6691803.16	18.2270	A	1.0
6	☐	5000.000	5145.756	12784110.50	34.6197	A	1.4
7	☐	10000.000	9858.272	24870064.63	66.3234	A	0.4
8	☐			9217.36	0.0241	P	3.2

$$y = 0.0067 * x + 0.0012$$

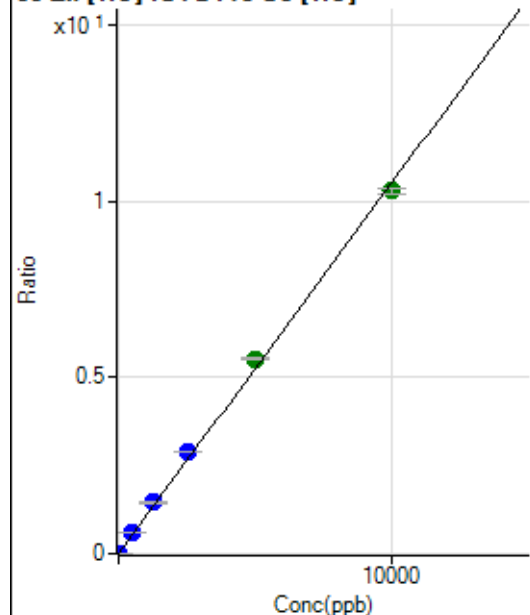
$$R = 0.9996$$

$$DL = 0.02672$$

$$BEC = 0.1842$$

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	261.11	0.0006	P	6.5
2	☐	2.000	2.418	1334.52	0.0032	P	3.8
3	☐	500.000	564.928	236957.60	0.5943	P	0.6
4	☐	1250.000	1377.236	540082.59	1.4480	P	1.2
5	☐	2500.000	2737.736	1056547.78	2.8778	P	0.4
6	☐	5000.000	5257.995	2040893.47	5.5265	A	1.0
7	☐	10000.000	9792.418	3859103.73	10.2919	A	1.6
8	☐			4610.75	0.0121	P	4.8

$$y = 0.0011 * x + 6.2515E-004$$

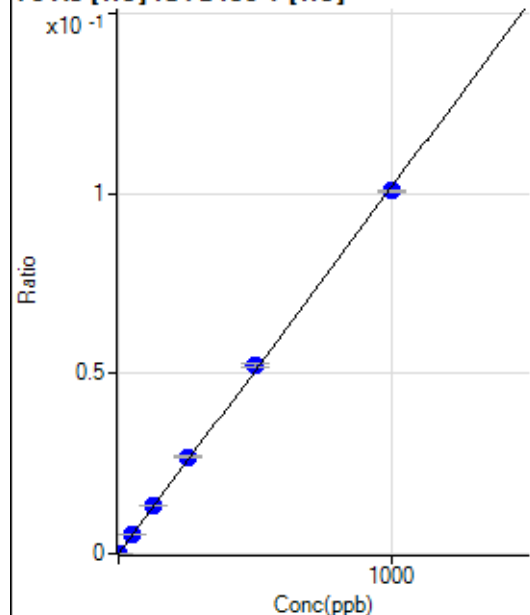
$$R = 0.9992$$

$$DL = 0.1159$$

$$BEC = 0.5949$$

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	0.00	0.0000	P	
2	☐	1.000	1.089	309.27	0.0001	P	9.4
3	☐	50.000	53.833	14433.58	0.0055	P	1.3
4	☐	125.000	130.843	33292.12	0.0133	P	2.0
5	☐	250.000	263.204	65593.17	0.0268	P	1.3
6	☐	500.000	511.887	128436.48	0.0521	P	2.0
7	☐	1000.000	989.833	254086.92	0.1007	P	0.6
8	☐			94.45	0.0000	P	2.6

$$y = 1.0174E-004 * x + 0.0000E+000$$

$$R = 0.9998$$

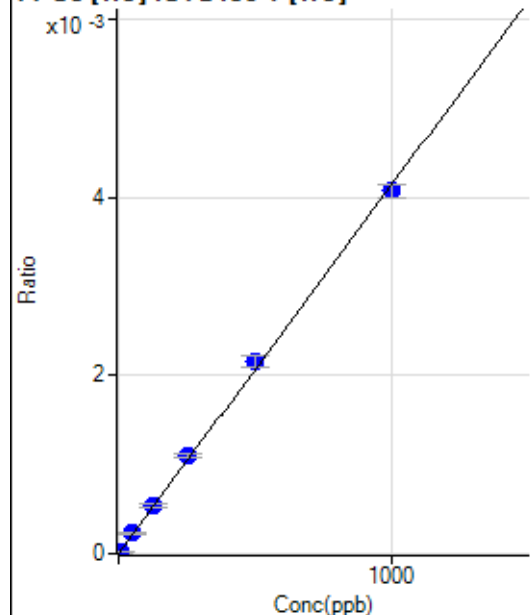
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	5.491	64.44	0.0000	P	19.6
3	☐	50.000	56.046	611.13	0.0002	P	11.8
4	☐	125.000	130.296	1348.96	0.0005	P	4.2
5	☐	250.000	265.990	2694.72	0.0011	P	3.6
6	☐	500.000	521.830	5319.89	0.0022	P	5.2
7	☐	1000.000	984.121	10266.97	0.0041	P	3.7
8	☐			6.67	0.0000	P	86.7

$$y = 4.1346\text{E-}006 * x + 3.9799\text{E-}007$$

$$R = 0.9995$$

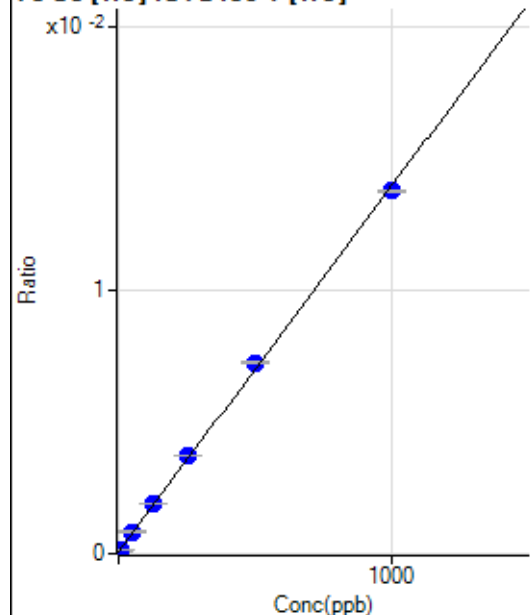
$$DL = 0.5002$$

$$BEC = 0.09626$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	195.68	0.0001	P	9.9
2	☐	5.000	4.881	385.81	0.0001	P	7.6
3	☐	50.000	55.221	2203.88	0.0008	P	3.1
4	☐	125.000	131.671	4743.99	0.0019	P	1.1
5	☐	250.000	262.455	9089.25	0.0037	P	0.5
6	☐	500.000	517.410	17875.63	0.0072	P	0.4
7	☐	1000.000	987.087	34720.20	0.0138	P	0.5
8	☐			192.60	0.0001	P	6.9

$$y = 1.3870\text{E-}005 * x + 7.0392\text{E-}005$$

$$R = 0.9997$$

$$DL = 1.505$$

$$BEC = 5.075$$

Weight: <None>

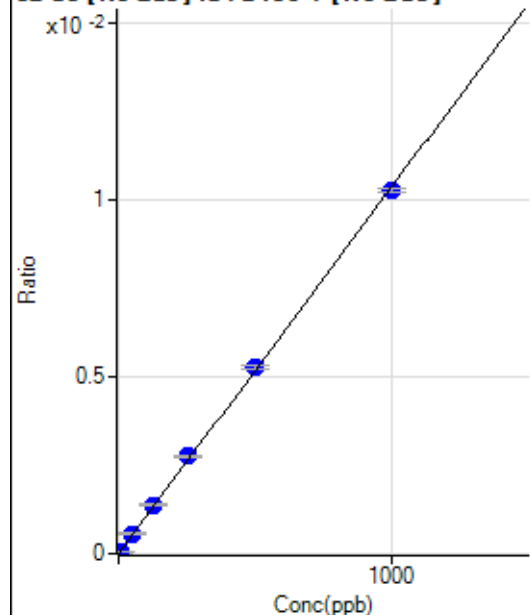
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			53637.12		P	1.8
2	☐			53999.79		P	1.6
3	☐			51925.88		P	2.5
4	☐			47388.06		P	0.8
5	☐			47310.11		P	2.1
6	☐			48115.39		P	0.4
7	☐			48999.07		P	0.8
8	☐			47387.94		P	3.2

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			83.17		P	27.7
2	☐			73.19		P	15.7
3	☐			66.53		P	34.6
4	☐			46.57		P	24.7
5	☐			59.88		P	28.9
6	☐			69.86		P	14.3
7	☐			89.82		P	22.2
8	☐			89.82		P	29.4

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.24	0.0000	P	54.5
2	☐	5.000	4.836	620.35	0.0001	P	9.1
3	☐	50.000	54.703	6418.21	0.0006	P	0.8
4	☐	125.000	133.570	14949.26	0.0014	P	2.1
5	☐	250.000	266.742	29383.30	0.0028	P	1.7
6	☐	500.000	508.994	56364.03	0.0053	P	1.1
7	☐	1000.000	990.012	109323.65	0.0102	P	1.2
8	☐			276.06	0.0000	P	12.2

$$y = 1.0348\text{E-}005 * x + 2.4804\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.3919$$

$$BEC = 0.2397$$

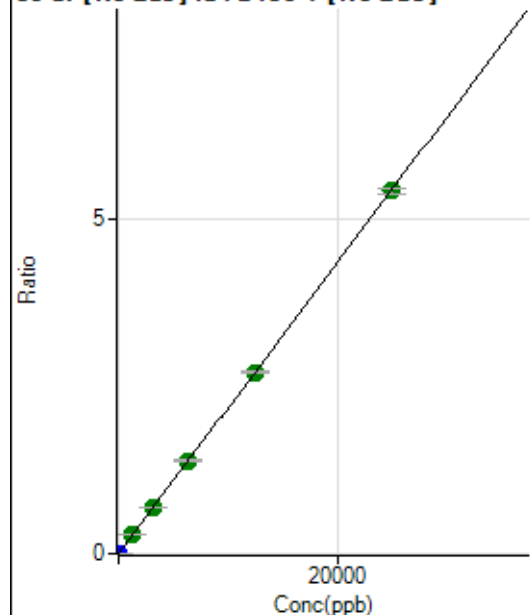
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			127.78		P	6.6
2	☐			131.11		P	7.8
3	☐			132.23		P	11.4
4	☐			107.78		P	28.7
5	☐			126.67		P	12.1
6	☐			137.78		P	11.4
7	☐			147.78		P	13.6
8	☐			162.22		P	14.9

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	230.56	0.0000	P	1.7
2	☐	1.000	0.923	2591.97	0.0002	P	5.4
3	☐	1250.000	1323.124	3242147.51	0.2872	A	1.0
4	☐	3125.000	3192.543	7482522.30	0.6930	A	0.6
5	☐	6250.000	6399.054	14772207.97	1.3890	A	1.5
6	☐	12500.000	12488.474	28993605.51	2.7107	A	1.3
7	☐	25000.000	24956.400	57792178.38	5.4169	A	1.6
8	☐			28918.45	0.0028	P	16.3

$$y = 2.1705\text{E-}004 * x + 1.8925\text{E-}005$$

$$R = 1.0000$$

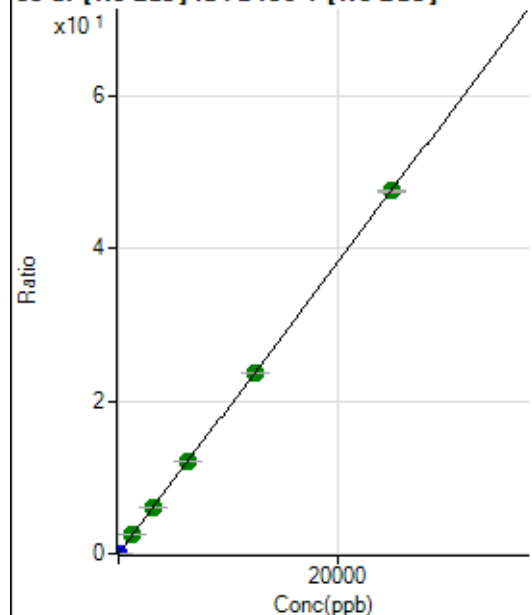
$$DL = 0.004477$$

$$BEC = 0.08719$$

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	127.78	0.0000	P	20.4
2	☐	1.000	0.945	21360.48	0.0018	P	1.0
3	☐	1250.000	1317.819	28292726.33	2.5064	A	2.0
4	☐	3125.000	3197.772	65662425.77	6.0818	A	1.6
5	☐	6250.000	6347.176	128386294.5	12.0717	A	0.7
6	☐	12500.000	12460.517	253478972.3	23.6986	A	0.6
7	☐	25000.000	24982.960	506901333.5	47.5150	A	0.8
8	☐			252396.26	0.0242	P	17.0

$$y = 0.0019 * x + 1.0481\text{E-}005$$

$$R = 1.0000$$

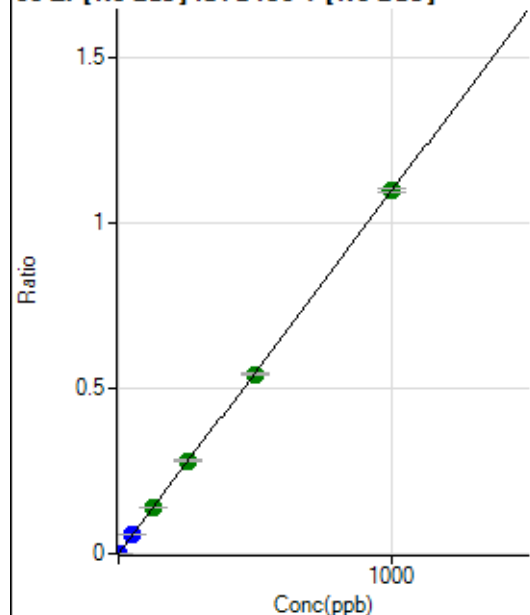
$$DL = 0.003366$$

$$BEC = 0.005511$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	513.91	0.0000	P	7.1
2	☐	1.000	0.866	11727.18	0.0010	P	3.3
3	☐	50.000	52.485	650812.90	0.0577	P	1.5
4	☐	125.000	126.653	1501487.58	0.1391	A	0.9
5	☐	250.000	256.487	2994710.79	0.2816	A	1.1
6	☐	500.000	495.000	5812211.63	0.5434	A	0.5
7	☐	1000.000	1000.547	11717309.64	1.0983	A	0.9
8	☐			5873.60	0.0006	P	20.2

$$y = 0.0011 * x + 4.2181E-005$$

$$R = 1.0000$$

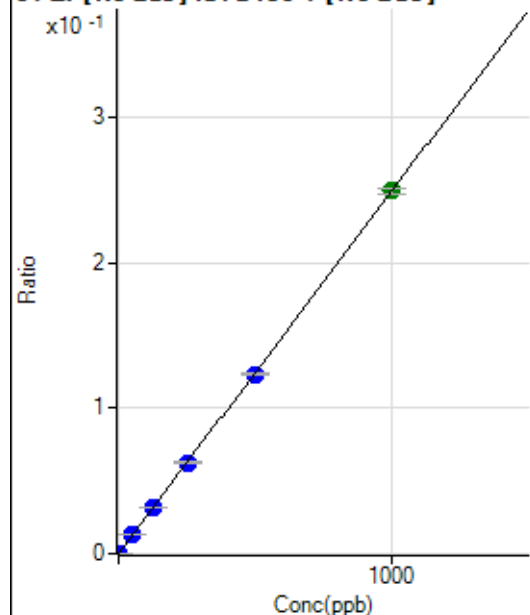
$$DL = 0.008237$$

$$BEC = 0.03843$$

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	86.12	0.0000	P	24.9
2	☐	1.000	0.888	2697.54	0.0002	P	5.2
3	☐	50.000	51.603	145199.69	0.0129	P	2.5
4	☐	125.000	125.822	338514.16	0.0314	P	1.3
5	☐	250.000	251.651	666853.76	0.0627	P	0.9
6	☐	500.000	495.288	1319873.00	0.1234	P	1.1
7	☐	1000.000	1001.761	2662702.60	0.2496	A	1.5
8	☐			1302.87	0.0001	P	19.2

$$y = 2.4913E-004 * x + 7.0752E-006$$

$$R = 1.0000$$

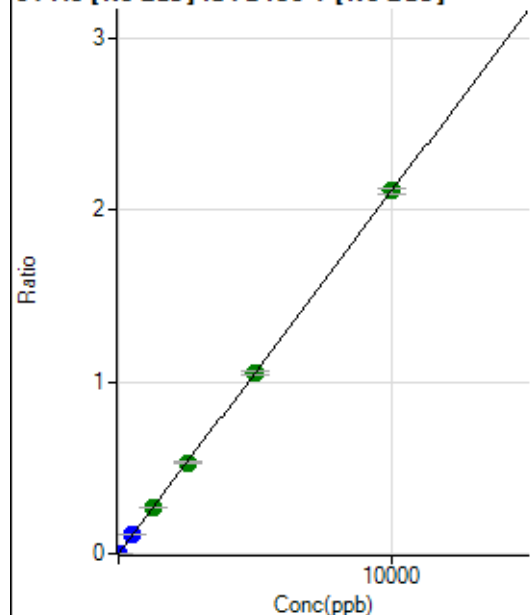
$$DL = 0.02119$$

$$BEC = 0.0284$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	152.78	0.0000	P	32.4
2	☐	5.000	5.602	14115.45	0.0012	P	2.7
3	☐	500.000	522.007	1243315.41	0.1101	P	1.0
4	☐	1250.000	1274.969	2904132.03	0.2690	A	1.8
5	☐	2500.000	2512.580	5637695.92	0.5301	A	0.7
6	☐	5000.000	4968.964	11212703.55	1.0483	A	1.8
7	☐	10000.000	10008.151	22525929.32	2.1114	A	1.2
8	☐			12408.46	0.0012	P	12.7

$$y = 2.1097\text{E-}004 * x + 1.2527\text{E-}005$$

$$R = 1.0000$$

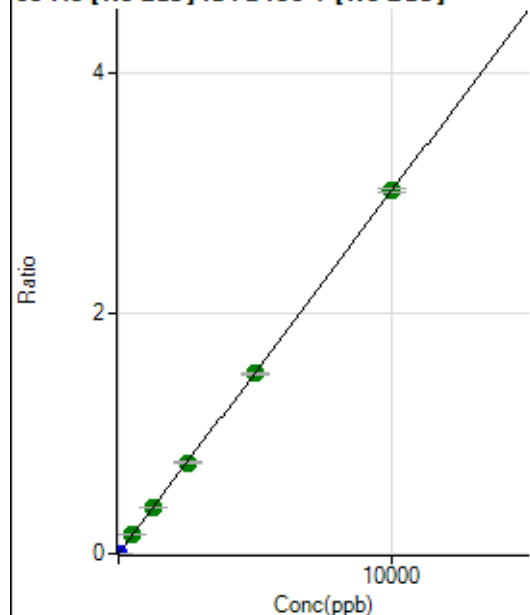
$$DL = 0.05767$$

$$BEC = 0.05938$$

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	19.44	0.0000	P	64.9
2	☐	5.000	4.900	17494.19	0.0015	P	2.4
3	☐	500.000	520.096	1771775.17	0.1570	A	1.1
4	☐	1250.000	1257.311	4096943.36	0.3794	A	0.2
5	☐	2500.000	2515.573	8073819.71	0.7591	A	0.9
6	☐	5000.000	4972.969	16052306.78	1.5007	A	1.3
7	☐	10000.000	10007.703	32220532.32	3.0201	A	1.1
8	☐			16685.04	0.0016	P	15.1

$$y = 3.0178\text{E-}004 * x + 1.5929\text{E-}006$$

$$R = 1.0000$$

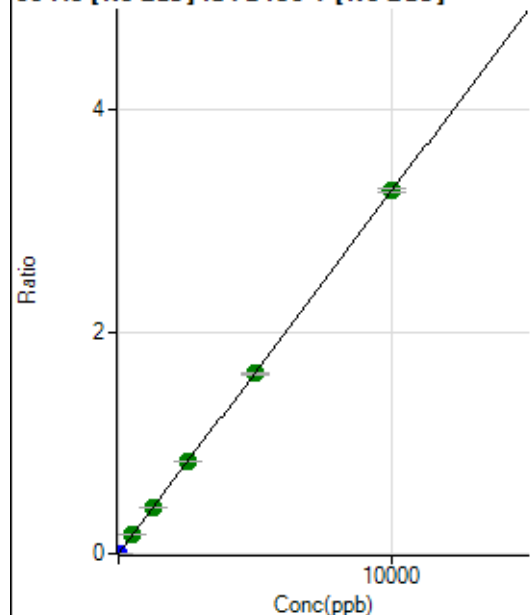
$$DL = 0.01028$$

$$BEC = 0.005278$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	147.23	0.0000	P	8.4
2	☐	5.000	4.970	19321.51	0.0016	P	3.5
3	☐	500.000	522.479	1926177.43	0.1706	A	0.1
4	☐	1250.000	1252.638	4416905.70	0.4091	A	0.2
5	☐	2500.000	2549.474	8854554.28	0.8326	A	0.9
6	☐	5000.000	4960.637	17327438.58	1.6199	A	1.3
7	☐	10000.000	10005.859	34859811.89	3.2675	A	1.2
8	☐			39161.76	0.0038	P	8.1

$$y = 3.2656\text{E-}004 * x + 1.2083\text{E-}005$$

$$R = 1.0000$$

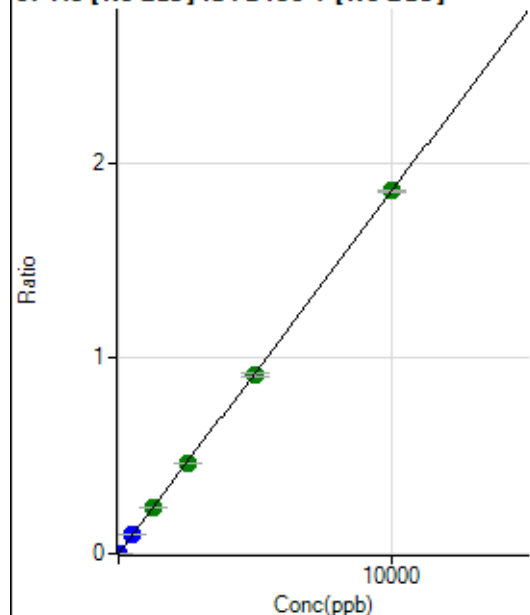
$$DL = 0.009275$$

$$BEC = 0.037$$

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	13.89	0.0000	P	34.4
2	☐	5.000	4.814	10545.72	0.0009	P	3.4
3	☐	500.000	526.169	1099496.37	0.0974	P	1.4
4	☐	1250.000	1263.951	2526156.63	0.2340	A	1.1
5	☐	2500.000	2512.339	4946044.73	0.4651	A	0.2
6	☐	5000.000	4953.292	9807226.69	0.9169	A	2.1
7	☐	10000.000	10017.217	19782638.29	1.8543	A	0.8
8	☐			10359.63	0.0010	P	18.8

$$y = 1.8511\text{E-}004 * x + 1.1391\text{E-}006$$

$$R = 1.0000$$

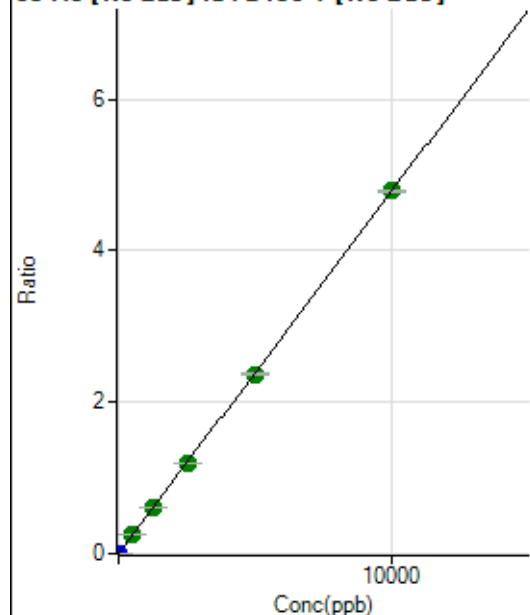
$$DL = 0.006344$$

$$BEC = 0.006153$$

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	41.67	0.0000	P	40.2
2	☐	5.000	4.832	27337.34	0.0023	P	3.3
3	☐	500.000	522.583	2820398.18	0.2498	A	1.1
4	☐	1250.000	1271.850	6565483.13	0.6081	A	0.5
5	☐	2500.000	2507.478	12749680.06	1.1988	A	0.2
6	☐	5000.000	4959.217	25359753.87	2.3710	A	1.5
7	☐	10000.000	10014.662	51079245.59	4.7880	A	0.8
8	☐			26057.44	0.0025	P	14.9

$$y = 4.7810E-004 * x + 3.4238E-006$$

$$R = 1.0000$$

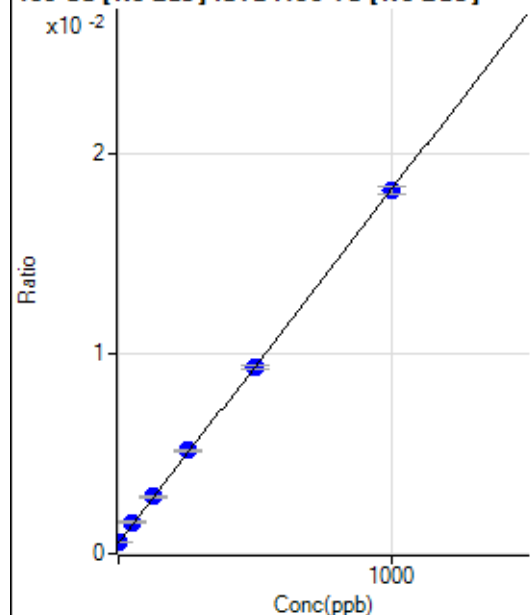
$$DL = 0.008645$$

$$BEC = 0.007161$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6459.93	0.0005	P	0.9
2	☐	1.000	0.497	6373.77	0.0005	P	2.4
3	☐	50.000	58.613	17669.55	0.0016	P	2.5
4	☐	125.000	132.605	31824.38	0.0029	P	3.0
5	☐	250.000	261.391	55275.31	0.0052	P	2.6
6	☐	500.000	498.736	102172.82	0.0094	P	1.5
7	☐	1000.000	996.404	197610.15	0.0181	P	2.0
8	☐			5759.63	0.0006	P	3.6

$$y = 1.7674E-005 * x + 5.3603E-004$$

$$R = 0.9999$$

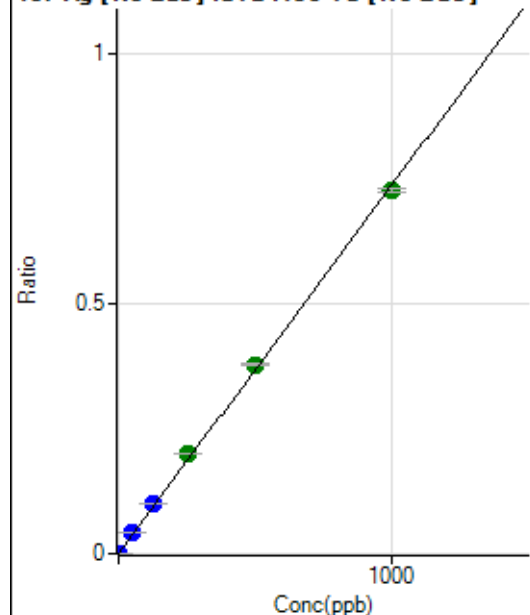
$$DL = 0.7962$$

$$BEC = 30.33$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.67	0.0000	P	16.8
2	☐	1.000	1.018	8844.65	0.0008	P	0.4
3	☐	50.000	58.138	480624.37	0.0428	P	1.4
4	☐	125.000	135.115	1098171.18	0.0994	P	1.5
5	☐	250.000	271.985	2144441.11	0.2000	A	1.1
6	☐	500.000	514.395	4132985.81	0.3782	A	1.4
7	☐	1000.000	985.635	7892185.51	0.7247	A	1.1
8	☐			4975.99	0.0005	P	12.3

$$y = 7.3530E-004 * x + 7.6146E-006$$

$$R = 0.9996$$

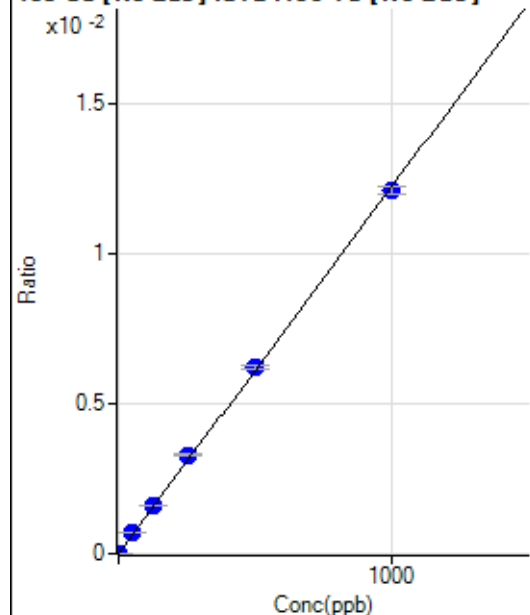
$$DL = 0.005213$$

$$BEC = 0.01036$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.45	0.0000	P	68.5
2	☐	1.000	0.918	150.00	0.0000	P	15.8
3	☐	50.000	55.973	7696.57	0.0007	P	0.9
4	☐	125.000	131.843	17804.14	0.0016	P	0.2
5	☐	250.000	269.381	35267.93	0.0033	P	2.3
6	☐	500.000	509.481	67955.19	0.0062	P	1.5
7	☐	1000.000	989.260	131485.24	0.0121	P	2.0
8	☐			102.78	0.0000	P	10.8

$$y = 1.2204E-005 * x + 1.6064E-006$$

$$R = 0.9997$$

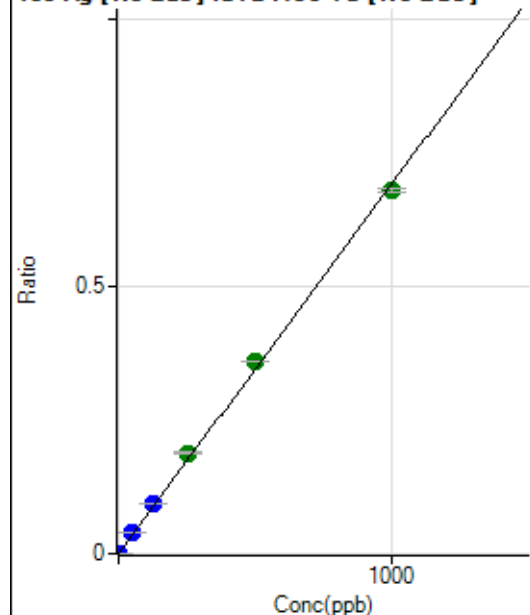
$$DL = 0.2706$$

$$BEC = 0.1316$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	25.00	0.0000	P	119.
2	☐	1.000	1.055	8549.98	0.0007	P	2.0
3	☐	50.000	58.188	451768.29	0.0402	P	1.3
4	☐	125.000	137.004	1045928.02	0.0946	P	0.9
5	☐	250.000	271.945	2013787.13	0.1878	A	1.4
6	☐	500.000	520.251	3926504.56	0.3593	A	0.7
7	☐	1000.000	982.478	7389212.14	0.6786	A	1.2
8	☐			4603.62	0.0004	P	9.0

$$y = 6.9066E-004 * x + 2.0745E-006$$

$$R = 0.9994$$

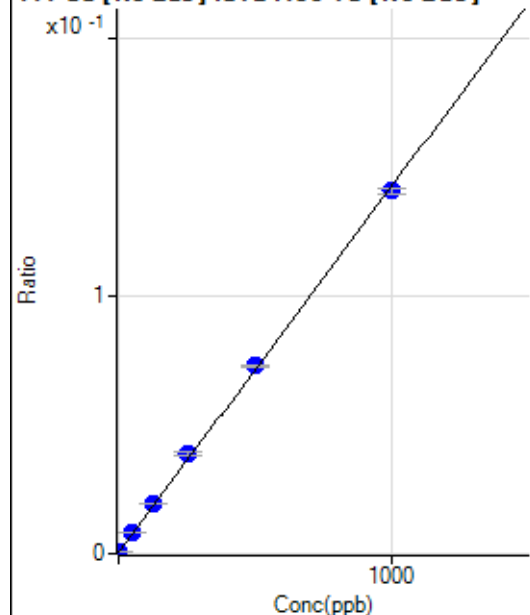
$$DL = 0.01078$$

$$BEC = 0.003004$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4516.67	0.0004	P	1.1
2	☐	1.000	1.067	6156.76	0.0005	P	3.4
3	☐	50.000	57.357	95739.93	0.0085	P	1.0
4	☐	125.000	135.525	216787.47	0.0196	P	1.2
5	☐	250.000	270.261	415343.69	0.0387	P	2.2
6	☐	500.000	510.442	795921.24	0.0728	P	1.0
7	☐	1000.000	988.030	1531429.23	0.1406	P	1.8
8	☐			4733.44	0.0005	P	4.6

$$y = 1.4196E-004 * x + 3.7479E-004$$

$$R = 0.9997$$

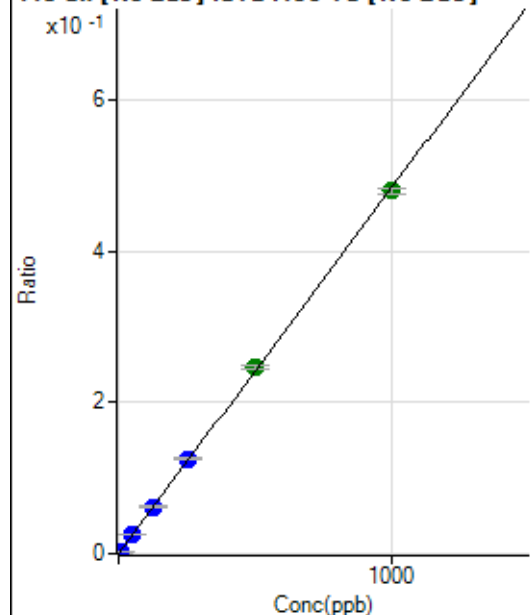
$$DL = 0.08479$$

$$BEC = 2.64$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	808.38	0.0001	P	17.9
2	☐	5.000	4.903	28492.63	0.0024	P	1.1
3	☐	50.000	53.934	293569.87	0.0261	P	2.9
4	☐	125.000	128.429	686333.58	0.0621	P	1.5
5	☐	250.000	260.141	1347776.86	0.1257	P	2.4
6	☐	500.000	509.440	2689779.21	0.2461	A	1.4
7	☐	1000.000	992.120	5218775.42	0.4792	A	1.7
8	☐			7674.47	0.0007	P	4.0

$$y = 4.8299\text{E-}004 * x + 6.7139\text{E-}005$$

$$R = 0.9999$$

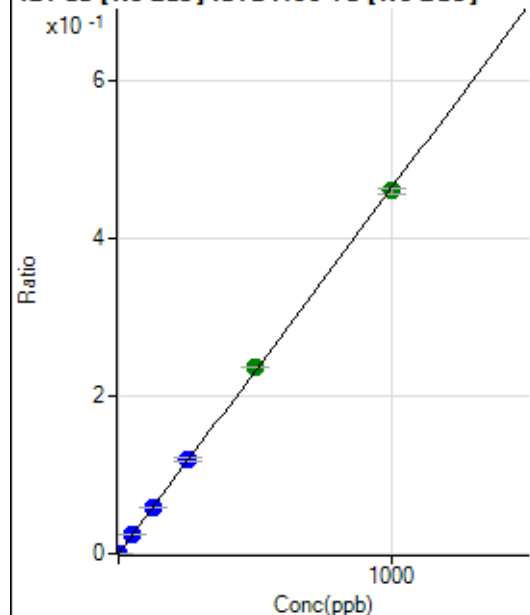
$$DL = 0.07464$$

$$BEC = 0.139$$

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	19.45	0.0000	P	25.8
2	☐	2.000	1.970	10687.62	0.0009	P	2.2
3	☐	50.000	53.143	276493.21	0.0246	P	1.0
4	☐	125.000	125.703	643046.09	0.0582	P	1.2
5	☐	250.000	257.937	1279886.79	0.1194	P	2.5
6	☐	500.000	510.105	2579945.46	0.2361	A	0.6
7	☐	1000.000	992.718	5003191.04	0.4594	A	1.4
8	☐			4406.34	0.0004	P	2.1

$$y = 4.6281\text{E-}004 * x + 1.6162\text{E-}006$$

$$R = 0.9999$$

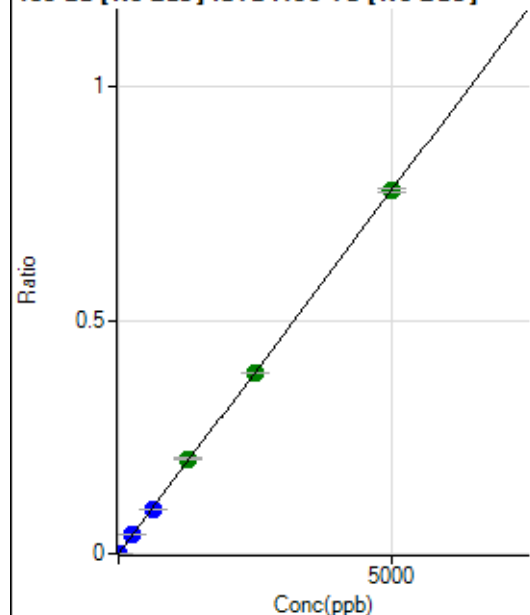
$$DL = 0.002702$$

$$BEC = 0.003492$$

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	13.89	0.0000	P	91.2
2	☐	10.000	9.314	16965.99	0.0014	P	1.6
3	☐	250.000	255.876	447383.79	0.0398	P	1.3
4	☐	625.000	609.903	1048555.73	0.0949	P	0.9
5	☐	1250.000	1299.507	2167097.34	0.2021	A	1.8
6	☐	2500.000	2490.407	4232987.42	0.3874	A	0.3
7	☐	5000.000	4994.014	8458541.34	0.7768	A	1.1
8	☐			6799.04	0.0007	P	8.6

$$y = 1.5554\text{E-}004 * x + 1.1522\text{E-}006$$

$$R = 0.9999$$

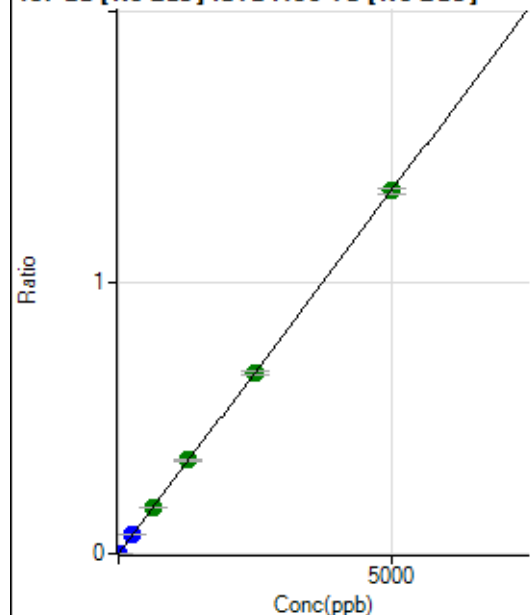
$$DL = 0.02027$$

$$BEC = 0.007408$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0000	P	52.5
2	☐	10.000	9.039	28312.09	0.0024	P	2.0
3	☐	250.000	256.763	771706.07	0.0687	P	0.9
4	☐	625.000	637.252	1883196.48	0.1704	A	1.3
5	☐	1250.000	1288.600	3693995.74	0.3445	A	2.3
6	☐	2500.000	2484.571	7258545.13	0.6643	A	1.8
7	☐	5000.000	4996.197	14546093.56	1.3358	A	1.4
8	☐			11324.31	0.0011	P	9.0

$$y = 2.6736\text{E-}004 * x + 2.9891\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.01762$$

$$BEC = 0.01118$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐			13.33		P	50.0
3	☐			137.78		P	12.2
4	☐			293.35		P	16.4
5	☐			615.58		P	15.4
6	☐			1084.51		P	8.1
7	☐			2284.68		P	9.7
8	☐			53.34		P	33.1

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	50.0
2	☐			5.56		P	34.7
3	☐			34.44		P	22.3
4	☐			70.00		P	9.5
5	☐			117.78		P	28.6
6	☐			230.00		P	2.9
7	☐			492.24		P	5.8
8	☐			43.33		P	42.8

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	173.
2	☐			19.44		P	49.5
3	☐			44.44		P	43.3
4	☐			88.89		P	28.6
5	☐			200.01		P	21.6
6	☐			352.79		P	5.9
7	☐			600.03		P	8.3
8	☐			1536.24		P	5.4

156 Dy [He] No available calibration points

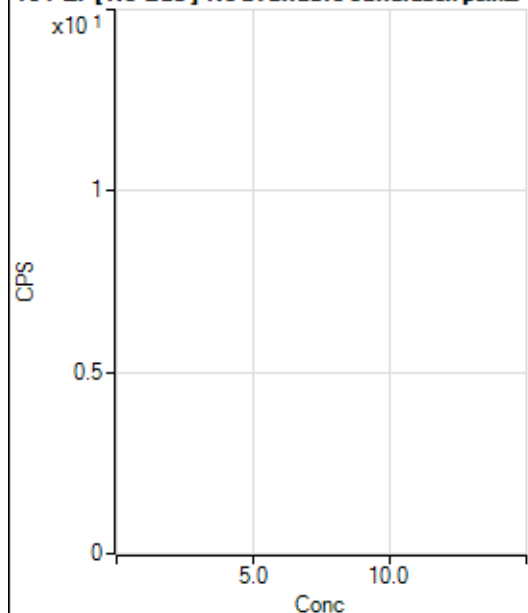
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	89.2
2	☐			8.89		P	21.6
3	☐			36.67		P	48.1
4	☐			86.67		P	15.4
5	☐			173.34		P	11.5
6	☐			322.23		P	5.1
7	☐			698.91		P	7.5
8	☐			967.82		P	2.3

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

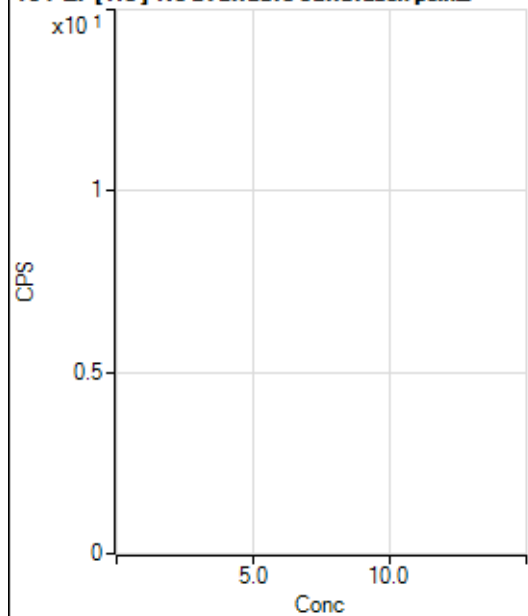
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.45		P	92.5
2	☐			52.78		P	55.5
3	☐			75.00		P	19.2
4	☐			130.56		P	20.5
5	☐			175.01		P	47.6
6	☐			241.68		P	26.0
7	☐			422.24		P	5.0
8	☐			1505.67		P	8.3

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			434.46		P	6.2
2	☐			432.23		P	5.0
3	☐			474.46		P	3.2
4	☐			435.57		P	9.6
5	☐			488.90		P	7.2
6	☐			573.35		P	14.3
7	☐			691.14		P	3.9
8	☐			1458.98		P	3.3

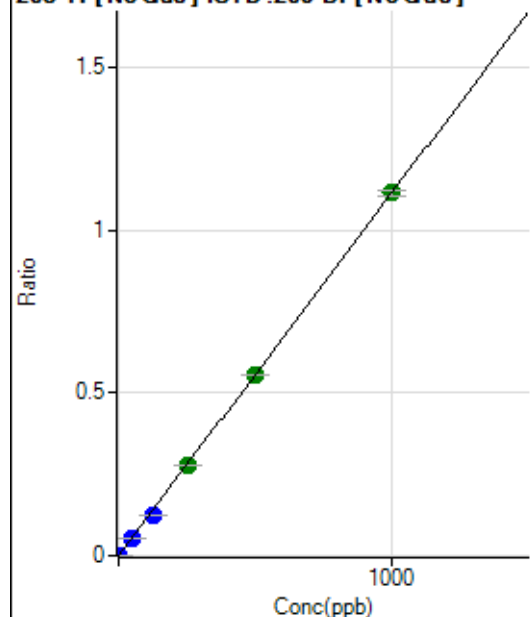
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			61.11		P	34.3
2	☐			61.11		P	20.8
3	☐			77.78		P	16.4
4	☐			83.33		P	45.8
5	☐			105.56		P	32.9
6	☐			138.89		P	13.9
7	☐			161.12		P	13.0
8	☐			138.89		P	12.5

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			56.67		P	27.0
2	☐			42.22		P	9.1
3	☐			75.55		P	9.2
4	☐			73.33		P	36.1
5	☐			75.56		P	25.1
6	☐			113.34		P	11.8
7	☐			103.33		P	19.6
8	☐			98.89		P	25.7

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	77.78	0.0000	P	17.9
2	☐	1.000	0.827	7552.30	0.0009	P	3.4
3	☐	50.000	46.571	397863.33	0.0519	P	0.5
4	☐	125.000	113.631	951942.93	0.1266	P	0.5
5	☐	250.000	250.855	2031230.10	0.2795	A	0.8
6	☐	500.000	500.210	3953299.22	0.5572	A	0.3
7	☐	1000.000	1001.274	7711168.75	1.1154	A	1.9
8	☐			2725.35	0.0005	P	15.8

$$y = 0.0011 * x + 9.4335E-006$$

$$R = 0.9999$$

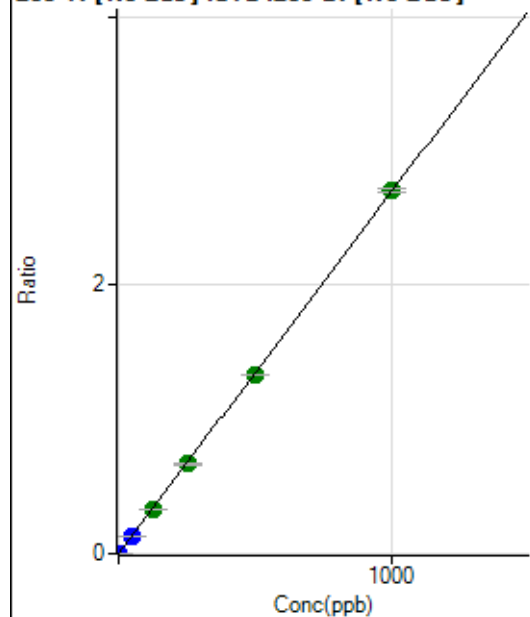
$$DL = 0.004537$$

$$BEC = 0.008468$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	180.56	0.0000	P	33.2
2	☐	1.000	0.835	18429.59	0.0023	P	2.4
3	☐	50.000	46.357	957924.36	0.1249	P	1.0
4	☐	125.000	124.449	2521798.86	0.3354	A	0.3
5	☐	250.000	249.041	4877872.72	0.6711	A	2.5
6	☐	500.000	494.746	9457856.90	1.3331	A	0.2
7	☐	1000.000	1003.118	18686259.10	2.7029	A	1.1
8	☐			6593.49	0.0011	P	22.2

$$y = 0.0027 * x + 2.1900E-005$$

$$R = 1.0000$$

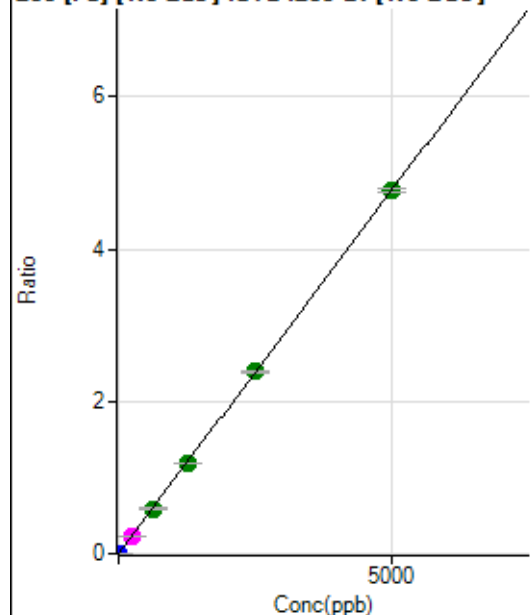
$$DL = 0.00809$$

$$BEC = 0.008128$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	196.30	0.0000	P	16.7
2	☐	1.000	0.801	6390.49	0.0008	P	3.1
3	☐	250.000	244.394	1787544.50	0.2331	M	4.6
4	☐	625.000	618.108	4432533.35	0.5895	A	1.5
5	☐	1250.000	1252.834	8684281.85	1.1948	A	0.3
6	☐	2500.000	2506.425	16956860.45	2.3902	A	0.4
7	☐	5000.000	4997.221	32945983.84	4.7655	A	0.9
8	☐			14584.10	0.0025	P	15.6

$$y = 9.5363\text{E-}004 * x + 2.3801\text{E-}005$$

$$R = 1.0000$$

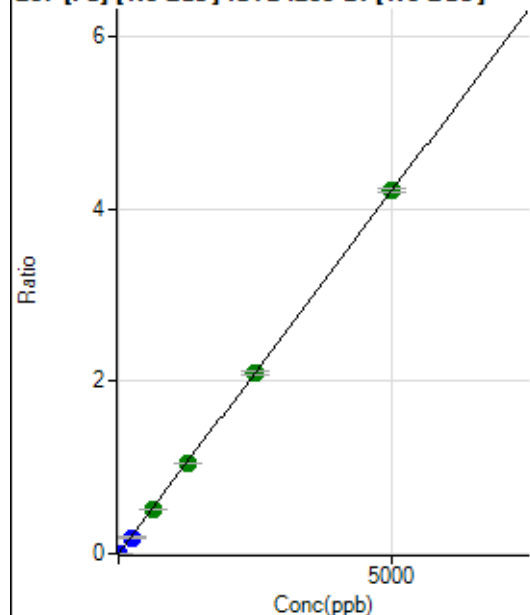
$$DL = 0.01251$$

$$BEC = 0.02496$$

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	181.49	0.0000	P	5.5
2	☐	1.000	0.782	5512.34	0.0007	P	2.5
3	☐	250.000	224.534	1447908.15	0.1888	P	1.5
4	☐	625.000	621.171	3927978.50	0.5224	A	0.6
5	☐	1250.000	1246.310	7617739.58	1.0480	A	0.4
6	☐	2500.000	2496.350	14892738.99	2.0992	A	1.4
7	☐	5000.000	5004.499	29093312.00	4.2083	A	1.2
8	☐			12079.74	0.0021	P	17.3

$$y = 8.4090\text{E-}004 * x + 2.1982\text{E-}005$$

$$R = 1.0000$$

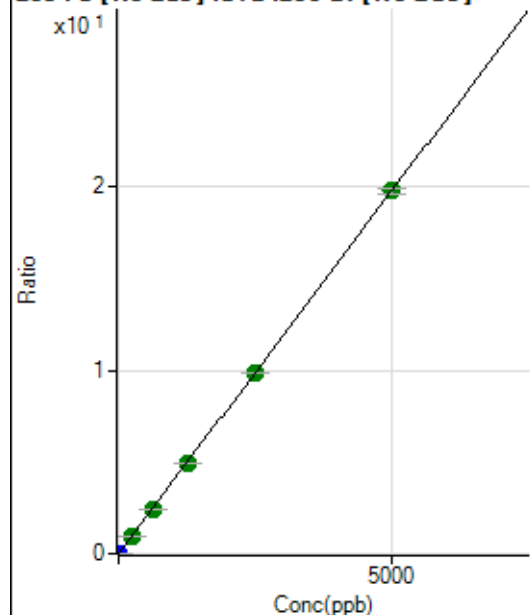
$$DL = 0.004347$$

$$BEC = 0.02614$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	826.67	0.0001	P	3.5
2	☐	1.000	0.854	28229.95	0.0035	P	1.3
3	☐	250.000	244.446	7411670.54	0.9666	A	0.8
4	☐	625.000	615.708	18305871.94	2.4344	A	0.7
5	☐	1250.000	1247.848	35861926.16	4.9337	A	0.8
6	☐	2500.000	2493.865	69951704.45	9.8601	A	0.6
7	☐	5000.000	5005.045	136803497.6	19.7886	A	1.4
8	☐			58387.74	0.0100	P	17.0

$$y = 0.0040 * x + 1.0011E-004$$

$$R = 1.0000$$

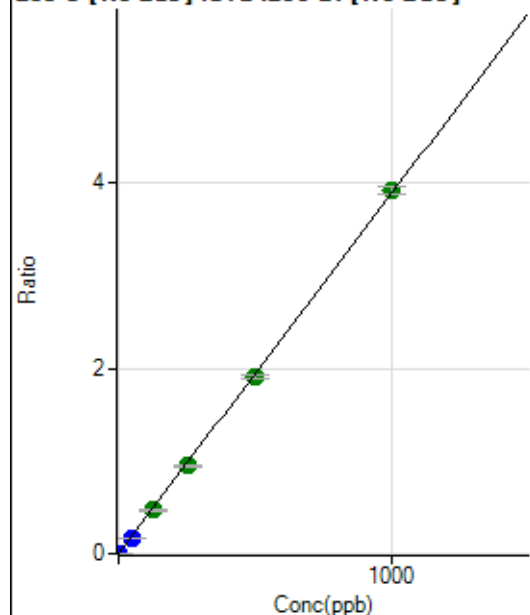
$$DL = 0.002648$$

$$BEC = 0.02532$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.55	0.0000	P	86.6
2	☐	1.000	0.724	22834.66	0.0028	P	2.0
3	☐	50.000	41.689	1241710.36	0.1619	P	1.8
4	☐	125.000	120.894	3531069.57	0.4696	A	1.3
5	☐	250.000	243.266	6868863.30	0.9449	A	2.3
6	☐	500.000	490.794	13524925.47	1.9064	A	1.8
7	☐	1000.000	1007.216	27048466.93	3.9124	A	2.1
8	☐			6971.62	0.0012	P	27.9

$$y = 0.0039 * x + 6.7333E-007$$

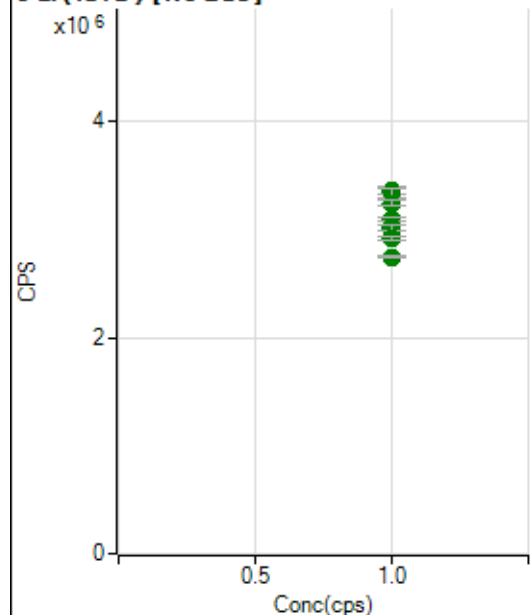
$$R = 0.9999$$

$$DL = 0.0004505$$

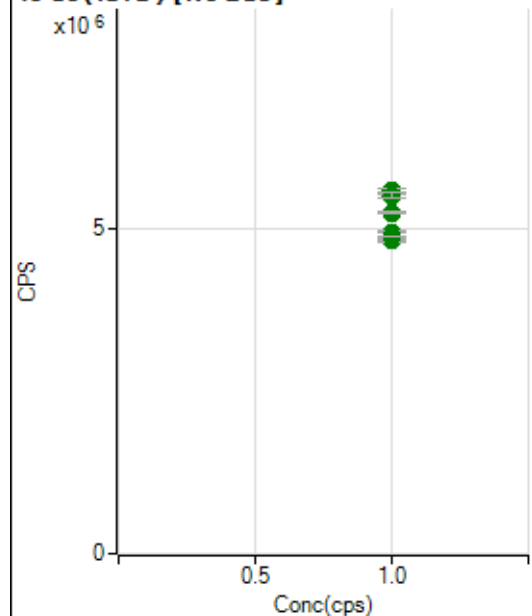
$$BEC = 0.0001733$$

Weight: <None>

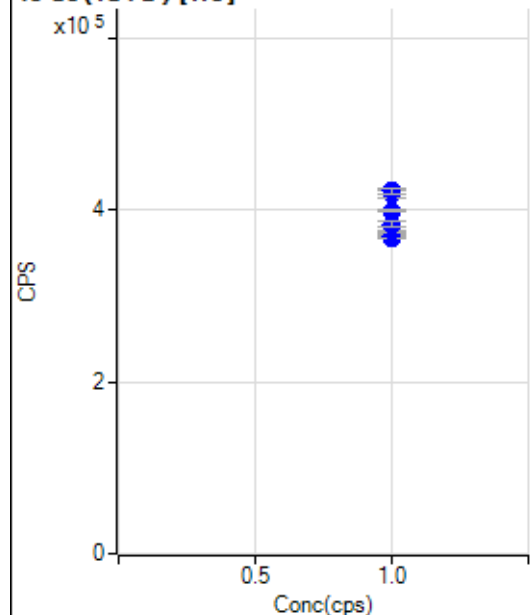
Min Conc: 0

6 Li (ISTD) [No Gas]

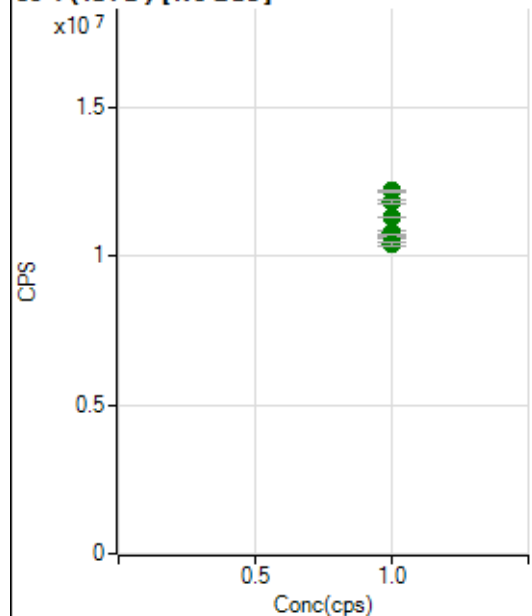
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3359281.83		A	2.3
2	☐	1.000		3345657.14		A	2.6
3	☐	1.000		3248431.20		A	1.3
4	☐	1.000		3096053.15		A	1.6
5	☐	1.000		3024062.14		A	1.8
6	☐	1.000		3014319.54		A	1.8
7	☐	1.000		2919514.96		A	1.0
8	☐	1.000		2748519.54		A	1.0

45 Sc (ISTD) [No Gas]

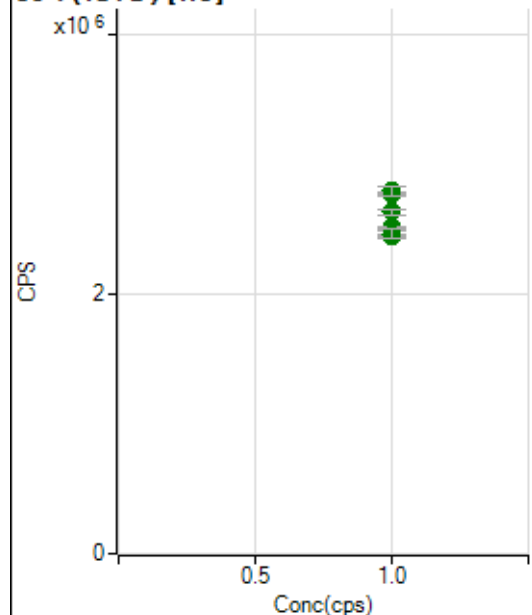
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5566669.01		A	1.7
2	☐	1.000		5495622.77		A	1.6
3	☐	1.000		5237050.37		A	1.1
4	☐	1.000		4941051.38		A	0.2
5	☐	1.000		4798996.14		A	0.7
6	☐	1.000		4855776.21		A	0.5
7	☐	1.000		4867020.03		A	0.6
8	☐	1.000		4869729.44		A	0.5

45 Sc (ISTD) [He]

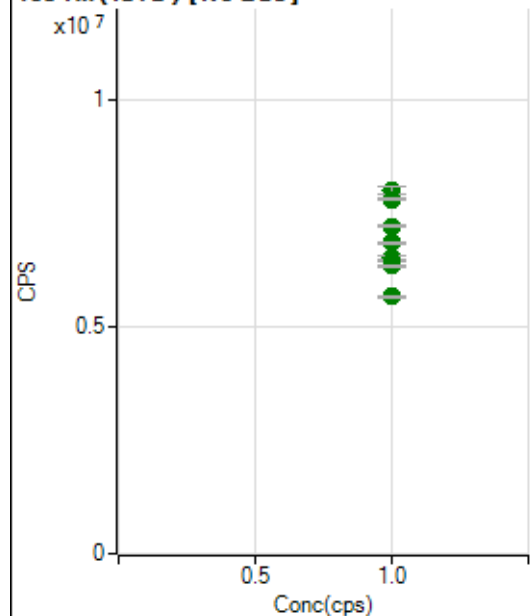
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		417876.21		P	2.1
2	☐	1.000		421605.37		P	1.5
3	☐	1.000		398704.45		P	0.7
4	☐	1.000		373018.61		P	1.3
5	☐	1.000		367138.79		P	0.6
6	☐	1.000		369324.95		P	1.6
7	☐	1.000		374983.52		P	0.4
8	☐	1.000		382461.34		P	1.6

89 Y (ISTD) [No Gas]

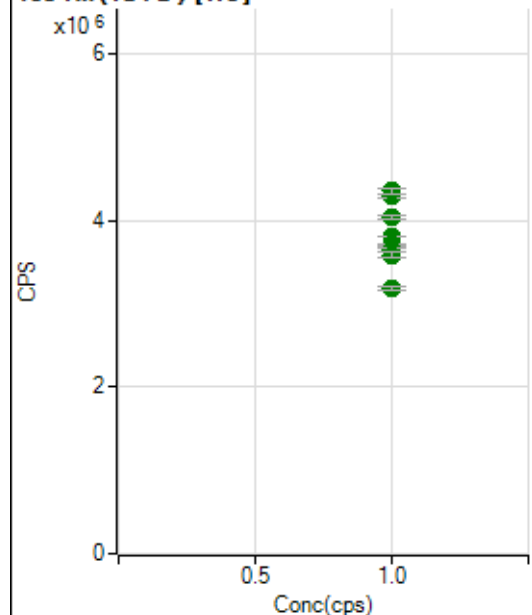
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12182511.62		A	0.6
2	☐	1.000		11819591.21		A	1.2
3	☐	1.000		11288591.50		A	0.2
4	☐	1.000		10797607.82		A	1.0
5	☐	1.000		10635147.34		A	0.4
6	☐	1.000		10696176.92		A	0.8
7	☐	1.000		10668072.20		A	0.8
8	☐	1.000		10410929.85		A	1.0

89 Y(ISTD) [He]

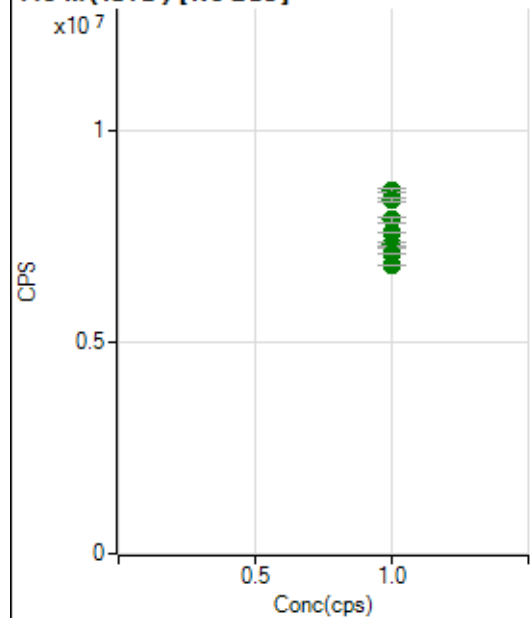
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2778523.67		A	0.9
2	☐	1.000		2796227.72		A	2.9
3	☐	1.000		2635663.83		A	1.5
4	☐	1.000		2501351.66		A	1.2
5	☐	1.000		2449609.10		A	0.5
6	☐	1.000		2466883.80		A	2.2
7	☐	1.000		2523109.39		A	0.1
8	☐	1.000		2467285.93		A	3.3

103 Rh(ISTD) [No Gas]

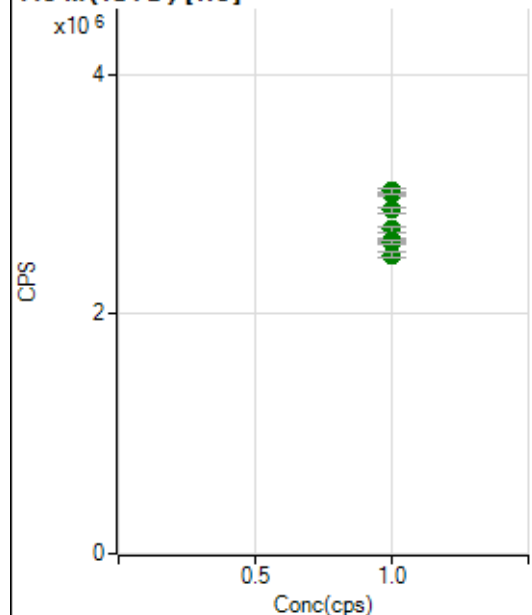
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7994852.80		A	2.2
2	☐	1.000		7804273.15		A	0.5
3	☐	1.000		7220983.85		A	0.9
4	☐	1.000		6854585.80		A	0.9
5	☐	1.000		6543261.43		A	1.3
6	☐	1.000		6447138.24		A	0.4
7	☐	1.000		6341014.28		A	0.3
8	☐	1.000		5676374.64		A	0.8

103 Rh (ISTD) [He]

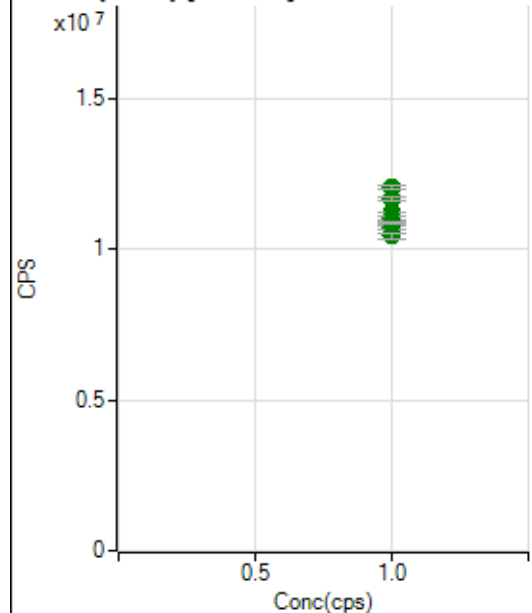
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4290290.53		A	0.9
2	☐	1.000		4355002.36		A	1.3
3	☐	1.000		4041291.85		A	0.8
4	☐	1.000		3810668.66		A	0.5
5	☐	1.000		3708106.44		A	0.4
6	☐	1.000		3647576.20		A	1.0
7	☐	1.000		3587671.79		A	1.7
8	☐	1.000		3184587.11		A	1.7

115 In (ISTD) [No Gas]

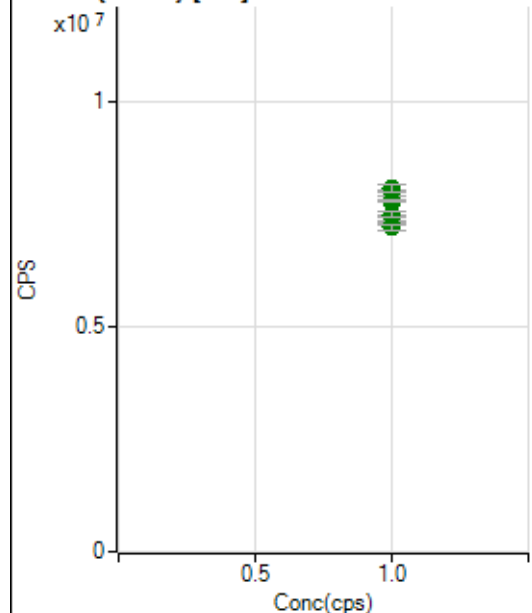
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8589899.95		A	1.1
2	☐	1.000		8386277.09		A	0.9
3	☐	1.000		7908992.60		A	1.6
4	☐	1.000		7595670.62		A	0.3
5	☐	1.000		7334912.34		A	0.9
6	☐	1.000		7257635.34		A	0.8
7	☐	1.000		7114211.08		A	0.2
8	☐	1.000		6831692.96		A	0.2

115 In (ISTD) [He]

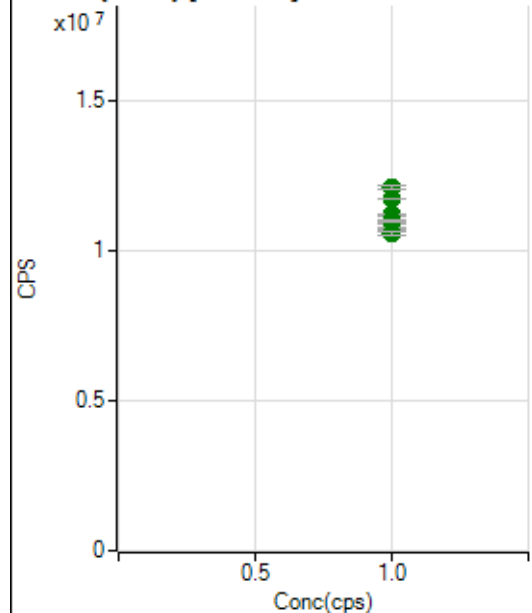
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2992626.55		A	1.1
2	☐	1.000		3026211.56		A	1.9
3	☐	1.000		2863244.59		A	1.3
4	☐	1.000		2705897.56		A	1.6
5	☐	1.000		2611822.17		A	0.6
6	☐	1.000		2604907.29		A	1.4
7	☐	1.000		2595629.38		A	1.1
8	☐	1.000		2491463.14		A	1.6

159 Tb (ISTD) [No Gas]

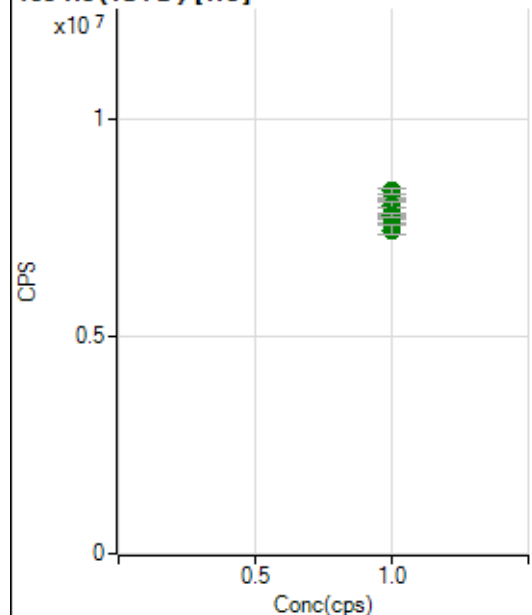
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12052011.07		A	1.0
2	☐	1.000		11701093.99		A	1.1
3	☐	1.000		11240907.20		A	0.3
4	☐	1.000		11054151.09		A	1.3
5	☐	1.000		10722580.68		A	1.0
6	☐	1.000		10928107.41		A	1.4
7	☐	1.000		10889702.13		A	0.2
8	☐	1.000		10450583.39		A	1.4

159 Tb (ISTD) [He]

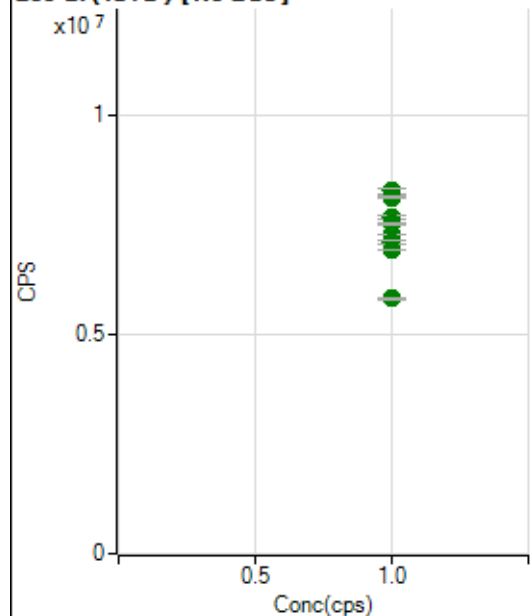
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7966123.29		A	1.8
2	☐	1.000		8056390.64		A	2.0
3	☐	1.000		7786233.57		A	0.4
4	☐	1.000		7474097.04		A	0.3
5	☐	1.000		7321734.27		A	0.6
6	☐	1.000		7412890.31		A	2.0
7	☐	1.000		7492104.33		A	1.3
8	☐	1.000		7203871.07		A	1.6

165 Ho (ISTD) [No Gas]

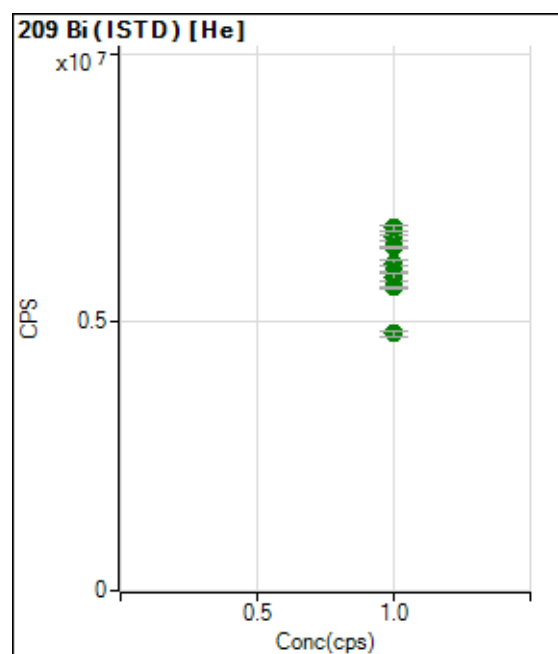
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12070608.85		A	0.9
2	☐	1.000		11694724.69		A	0.2
3	☐	1.000		11177551.64		A	0.6
4	☐	1.000		11009257.20		A	0.3
5	☐	1.000		10739528.45		A	0.5
6	☐	1.000		10935013.17		A	1.4
7	☐	1.000		10957456.92		A	0.4
8	☐	1.000		10551249.64		A	1.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8175211.96		A	0.9
2	☐	1.000		8359532.10		A	1.9
3	☐	1.000		8041262.59		A	1.9
4	☐	1.000		7716263.91		A	2.6
5	☐	1.000		7585523.43		A	0.3
6	☐	1.000		7739482.52		A	1.2
7	☐	1.000		7794949.47		A	0.8
8	☐	1.000		7464575.10		A	2.7

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8259269.88		A	1.4
2	☐	1.000		8115833.56		A	0.5
3	☐	1.000		7667702.66		A	0.8
4	☐	1.000		7519826.42		A	0.7
5	☐	1.000		7268583.99		A	0.5
6	☐	1.000		7094408.37		A	1.0
7	☐	1.000		6913489.69		A	0.5
8	☐	1.000		5808740.12		A	1.2



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6576515.60		A	1.6
2	☐	1.000		6753702.05		A	1.8
3	☐	1.000		6392697.06		A	0.4
4	☐	1.000		6097430.33		A	2.0
5	☐	1.000		5937642.62		A	0.5
6	☐	1.000		5837301.23		A	2.1
7	☐	1.000		5649327.27		A	0.7
8	☐	1.000		4782895.83		A	2.0

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP7022223MS.b

Acq. Date-Time 2023-02-22 09:21:47

Report Comment ---

Instrument Name G8403A JP14410463

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		10000	100002.37			0.163	5.000
24		108868	1088679.03			0.469	5.000
25		15051	150512.35			0.334	5.000
26		17058	170576.25			0.231	5.000
59		71476	714756.48			0.285	5.000
113		8627	86271.56			0.457	5.000
115		115007	1150074.06			0.562	5.000
206		30119	301193.61			0.486	5.000
207		27946	279463.82			0.702	5.000
208		65478	654781.72			0.723	5.000
220		0	0.40			162.980	

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

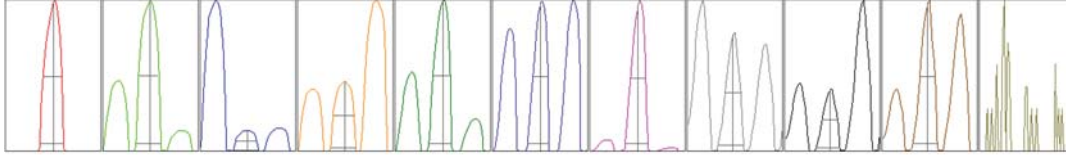
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	10009	9973	10016	10002	10001
24	109564	108187	109024	108614	108952
25	15062	15079	15113	14990	15012
26	17018	17115	17078	17027	17051
59	71495	71365	71799	71254	71465
113	8628	8634	8688	8601	8585
115	115541	114397	115672	115163	114265
206	29981	29956	30300	30177	30182
207	27741	27808	28204	27884	28096
208	64912	65023	65889	65868	65698

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	18347.04	9.05	8.90 - 9.10	
24	180387.90	24.00	23.90 - 24.10	
25	24197.10	25.00	24.90 - 25.10	
26	27308.73	26.00	25.90 - 26.10	
59	138343.62	59.05	58.90 - 59.10	
113	18632.28	113.05	112.90 - 113.10	
115	244243.89	115.05	114.90 - 115.10	
206	62566.41	205.95	205.90 - 206.10	
207	57350.64	206.95	206.90 - 207.10	
208	137895.32	207.95	207.90 - 208.10	
220	0.00	220.05	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.58	0.741	0.900	
24	0.64	0.790	0.900	
25	0.65	0.787	0.900	
26	0.66	0.791	0.900	
59	0.54	0.727	0.900	
113	0.46	0.675	0.900	
115	0.47	0.713	0.900	
206	0.49	0.808	0.900	
207	0.49	0.740	0.900	
208	0.47	0.771	0.900	
220	0.18	0.175		

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

Lens Parameters

Extract 1	0.0 V	Omega Lens	8.5 V	Deflect	15.0 V
Extract 2	-85.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-60 V	Cell Exit	-50 V		

Cell Parameters

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

QP Parameters

Mass Gain	122	Axis Gain	0.9999	QP Bias	-3.0 V
Mass Offset	125	Axis Offset	0.03		

Hardware Settings

Torch

Torch H	-0.7 mm	Torch V	0.5 mm
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EM

Discriminator	3.2 mV	Analog HV	2257 V	Pulse HV	1475 V
---------------	--------	-----------	--------	----------	--------

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		22081	220811.43			0.348	
89		48404	484042.99			0.494	
205		29706	297056.03			0.294	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	22200	22097	21997	22034	22078
89	48732	48560	48155	48347	48227
205	29635	29801	29608	29788	29697

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

Lens Parameters

Extract 1	0.0 V	Omega Lens	9.4 V	Deflect	2.4 V
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US EPA Tune Check Report

Extract 2	-90.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-60 V	Cell Exit	-60 V		

Cell Parameters

Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	3.9 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	190 V		

QP Parameters

Mass Gain	122	Axis Gain	0.9999	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	0.03		

Hardware Settings

Torch

Torch H	-0.7 mm	Torch V	0.5 mm
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EM

Discriminator	3.2 mV	Analog HV	2257 V	Pulse HV	1475 V
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LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 11:12:02	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.11	0.03	-0.14	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	N/A	ppb
Barium	135-1	-0.01	0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.01	0.00	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	0.03	0.03	-0.06	0.00	N/A	ppb
Boron	11-1	0.00	-0.01	0.01	0.00	N/A	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.02	-0.01	0.03	0.00	N/A	ppb
Cadmium	106-1	-0.21	-0.08	0.30	0.00	N/A	ppb
Cadmium	108-1	0.04	0.07	-0.10	0.00	N/A	ppb
Calcium	43-1	0.62	-1.44	0.82	0.00	N/A	ppb
Calcium	44-1	-0.44	-0.72	1.16	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	0.01	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.01	0.00	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.06	0.08	-0.02	0.00	N/A	ppb
Iron	57-2	0.02	0.09	-0.11	0.00	N/A	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 11:12:02	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-0.09	0.55	-0.46	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.16	-0.02	0.18	0.00	N/A	ppb
Manganese	55-2	0.00	0.00	-0.01	0.00	N/A	ppb
Molybdenum	94-1	0.02	-0.02	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	0.01	0.00	N/A	ppb
Phosphorus	31-2	-18.03	-6.26	1.78	-7.50		ppb
Potassium	39-2	-2.25	2.92	-0.67	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.02	-0.14	0.12	0.00	N/A	ppb
Selenium	77-2	-0.10	-0.10	0.19	0.00	N/A	ppb
Selenium	78-2	0.56	-0.41	-0.14	0.00	N/A	ppb
Silicon	28-1	-0.08	-0.01	0.09	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	-0.80	-0.15	0.95	0.00	N/A	ppb
Strontium	86-1	0.00	0.00	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-157.48	-25.88	83.45	-33.30		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

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 11:12:02	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.01	-0.03	0.02	0.00	N/A	ppb
Titanium	47-1	-0.02	0.02	0.00	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
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.04	0.01	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 :	LB124200	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 11:14:53	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.21	20.77	21.21	20.40	5.16	ppb
Antimony	121-1	1.93	1.97	2.01	1.97	2.17	ppb
Arsenic	75-2	0.97	1.16	1.13	1.09	9.39	ppb
Barium	135-1	9.22	9.49	9.23	9.31	1.64	ppb
Barium	137-1	8.85	9.06	9.20	9.04	1.97	ppb
Beryllium	9-1	1.10	1.03	1.04	1.06	3.78	ppb
Bismuth	209-1				98		%
Bismuth	209-2				103		%
Boron	10-1	9.28	11.08	10.62	10.32	9.04	ppb
Boron	11-1	9.77	10.60	10.43	10.26	4.25	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.11	0.93	1.17	1.07	11.76	ppb
Cadmium	106-1	0.83	-0.34	1.00	0.50	147.74	ppb
Cadmium	108-1	0.81	1.11	0.84	0.92	18.04	ppb
Calcium	43-1	504.63	523.15	508.07	511.95	1.92	ppb
Calcium	44-1	526.25	525.63	520.10	523.99	0.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.96	1.81	1.94	1.90	4.17	ppb
Cobalt	59-2	0.99	1.05	1.06	1.03	3.55	ppb
Copper	63-2	2.04	2.06	2.04	2.04	0.54	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				97		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				101		%
Iron	56-2	53.77	56.31	55.04	55.04	2.31	ppb
Iron	57-2	51.74	58.69	61.31	57.25	8.63	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 11:14:53	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	54.45	55.24	57.97	55.89	3.31	ppb
Krypton	83-1						cps
Lead	206-1	0.78	0.83	0.80	0.80	3.18	ppb
Lead	207-1	0.78	0.76	0.80	0.78	2.63	ppb
Lead	208-1	0.85	0.85	0.87	0.85	1.38	ppb
Lithium	6-1				100		%
Magnesium	24-2	479.26	500.12	494.01	491.13	2.18	ppb
Manganese	55-2	0.95	1.02	1.04	1.01	4.70	ppb
Molybdenum	94-1	5.52	5.50	5.78	5.60	2.77	ppb
Molybdenum	95-1	4.91	4.77	5.01	4.90	2.43	ppb
Molybdenum	96-1	5.02	4.77	5.12	4.97	3.58	ppb
Molybdenum	97-1	4.70	4.74	5.00	4.81	3.44	ppb
Molybdenum	98-1	4.93	4.65	4.92	4.83	3.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	1.07	1.07	1.07	0.29	ppb
Phosphorus	31-2	-5.63	8.70	19.44	7.50	167.58	ppb
Potassium	39-2	507.94	522.38	514.36	514.89	1.40	ppb
Rhodium	103-1				98		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	82-1	5.15	4.31	5.05	4.84	9.54	ppb
Selenium	77-2	4.38	5.53	6.57	5.49	19.95	ppb
Selenium	78-2	4.70	5.71	4.23	4.88	15.48	ppb
Silicon	28-1	0.83	0.68	0.68	0.73	11.65	ppb
Silver	107-1	1.02	1.01	1.02	1.02	0.45	ppb
Silver	109-1	1.04	1.05	1.08	1.06	1.98	ppb
Sodium	23-2	479.31	492.89	487.38	486.52	1.40	ppb
Strontium	86-1	0.95	0.96	0.86	0.92	5.86	ppb
Strontium	88-1	0.96	0.94	0.94	0.94	1.02	ppb
Sulfur	34-1	121.65	9.15	-30.90	33.30	237.50	ppb
Terbium	159-1				97		%
Terbium	159-2				101		%
Thallium	203-1	0.81	0.86	0.81	0.83	3.47	ppb
Thallium	205-1	0.84	0.85	0.81	0.83	2.43	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 11:14:53	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	4.96	4.85	4.90	4.90	1.17	ppb
Titanium	47-1	4.43	4.58	4.98	4.66	6.04	ppb
Uranium	238-1	0.71	0.74	0.72	0.72	1.97	ppb
Vanadium	51-2	4.52	4.68	4.65	4.62	1.83	ppb
Yttrium	89-1				97		%
Yttrium	89-2				101		%
Zinc	66-2	2.30	2.53	2.42	2.42	4.73	ppb
Zirconium	90-1	0.85	0.85	0.90	0.87	3.41	ppb
Zirconium	91-1	0.86	0.86	0.94	0.89	5.34	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 11:21:11	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1145.00	1140.42	1140.07	1141.83	0.24	ppb
Antimony	121-1	52.61	53.64	53.18	53.14	0.98	ppb
Arsenic	75-2	53.46	53.41	54.63	53.83	1.28	ppb
Barium	135-1	252.31	258.75	256.57	255.88	1.28	ppb
Barium	137-1	254.54	258.97	256.78	256.76	0.86	ppb
Beryllium	9-1	54.30	53.84	53.93	54.02	0.44	ppb
Bismuth	209-1				93		%
Bismuth	209-2				97		%
Boron	10-1	67.19	71.38	70.93	69.83	3.30	ppb
Boron	11-1	66.66	70.14	71.64	69.48	3.68	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	56.71	57.83	57.53	57.36	1.01	ppb
Cadmium	106-1	59.04	56.17	60.63	58.61	3.85	ppb
Cadmium	108-1	55.45	56.06	56.41	55.97	0.87	ppb
Calcium	43-1	6529.22	6457.29	6516.25	6500.92	0.59	ppb
Calcium	44-1	5932.34	5874.56	5955.96	5920.95	0.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	53.59	53.61	53.77	53.66	0.18	ppb
Cobalt	59-2	54.25	54.05	54.78	54.36	0.69	ppb
Copper	63-2	562.81	568.72	579.29	570.27	1.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				98		%
Indium	115-1				92		%
Indium	115-2				96		%
Iron	56-2	3012.84	3005.01	2973.06	2996.97	0.70	ppb
Iron	57-2	3082.47	3072.64	3097.56	3084.22	0.41	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 11:21:11	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	3129.44	3122.78	3155.46	3135.89	0.55	ppb
Krypton	83-1						cps
Lead	206-1	247.87	253.37	231.94	244.39	4.56	ppb
Lead	207-1	221.04	224.68	227.88	224.53	1.53	ppb
Lead	208-1	243.64	246.73	242.97	244.45	0.82	ppb
Lithium	6-1				97		%
Magnesium	24-2	5566.05	5634.84	5429.62	5543.50	1.88	ppb
Manganese	55-2	540.22	539.06	540.74	540.01	0.16	ppb
Molybdenum	94-1	516.28	525.31	524.43	522.01	0.95	ppb
Molybdenum	95-1	513.53	521.83	524.93	520.10	1.13	ppb
Molybdenum	96-1	522.25	522.18	523.02	522.48	0.09	ppb
Molybdenum	97-1	517.46	529.46	531.59	526.17	1.45	ppb
Molybdenum	98-1	516.20	526.15	525.40	522.58	1.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	56.98	57.34	57.91	57.41	0.82	ppb
Phosphorus	31-2	1084.68	1090.24	1078.17	1084.36	0.56	ppb
Potassium	39-2	2885.21	2900.21	2892.05	2892.49	0.26	ppb
Rhodium	103-1				90		%
Rhodium	103-2				94		%
Scandium	45-1				94		%
Scandium	45-2				95		%
Selenium	82-1	54.36	54.59	55.16	54.70	0.76	ppb
Selenium	77-2	48.37	59.93	59.83	56.05	11.86	ppb
Selenium	78-2	55.36	53.31	57.00	55.22	3.35	ppb
Silicon	28-1	84.33	83.89	85.19	84.47	0.78	ppb
Silver	107-1	57.22	58.51	58.68	58.14	1.37	ppb
Silver	109-1	57.31	58.58	58.67	58.19	1.30	ppb
Sodium	23-2	5469.51	5488.32	5577.81	5511.88	1.05	ppb
Strontium	86-1	1310.58	1321.62	1337.18	1323.12	1.01	ppb
Strontium	88-1	1296.15	1310.57	1346.74	1317.82	1.98	ppb
Sulfur	34-1	1265.80	1125.37	1226.13	1205.77	6.00	ppb
Terbium	159-1				93		%
Terbium	159-2				98		%
Thallium	203-1	46.39	46.48	46.84	46.57	0.51	ppb
Thallium	205-1	46.04	46.13	46.90	46.36	1.02	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 11:21:11	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	52.16	54.55	55.10	53.93	2.90	ppb
Titanium	47-1	522.22	518.69	526.94	522.62	0.79	ppb
Uranium	238-1	40.87	41.90	42.29	41.69	1.77	ppb
Vanadium	51-2	50.88	51.73	52.08	51.56	1.19	ppb
Yttrium	89-1				93		%
Yttrium	89-2				95		%
Zinc	66-2	562.66	563.55	568.58	564.93	0.57	ppb
Zirconium	90-1	51.56	52.91	52.98	52.48	1.52	ppb
Zirconium	91-1	50.11	52.50	52.20	51.60	2.52	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 11:25:27	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2724.76	2666.09	2676.83	2689.23	1.16	ppb
Antimony	121-1	125.12	127.37	124.62	125.70	1.16	ppb
Arsenic	75-2	131.97	127.83	132.73	130.84	2.02	ppb
Barium	135-1	606.48	616.31	606.92	609.90	0.91	ppb
Barium	137-1	637.60	645.15	629.01	637.25	1.27	ppb
Beryllium	9-1	128.12	130.50	131.79	130.14	1.43	ppb
Bismuth	209-1				91		%
Bismuth	209-2				93		%
Boron	10-1	158.24	167.05	169.25	164.85	3.54	ppb
Boron	11-1	161.60	167.15	168.60	165.78	2.23	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	135.02	137.43	134.12	135.52	1.26	ppb
Cadmium	106-1	130.69	138.16	128.97	132.61	3.69	ppb
Cadmium	108-1	131.84	131.63	132.05	131.84	0.16	ppb
Calcium	43-1	15503.38	15754.39	15859.64	15705.80	1.17	ppb
Calcium	44-1	14304.66	14259.00	14170.70	14244.79	0.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	130.91	127.43	129.16	129.17	1.34	ppb
Cobalt	59-2	132.29	129.55	130.54	130.79	1.06	ppb
Copper	63-2	1377.06	1328.31	1358.05	1354.47	1.81	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				91		%
Holmium	165-2				94		%
Indium	115-1				88		%
Indium	115-2				90		%
Iron	56-2	7287.46	7164.08	7121.21	7190.92	1.20	ppb
Iron	57-2	7494.06	7344.48	7454.46	7431.00	1.04	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 11:25:27	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	7703.25	7481.79	7565.76	7583.60	1.47	ppb
Krypton	83-1						cps
Lead	206-1	627.47	617.56	609.30	618.11	1.47	ppb
Lead	207-1	621.48	625.02	617.01	621.17	0.65	ppb
Lead	208-1	616.37	619.62	611.13	615.71	0.70	ppb
Lithium	6-1				92		%
Magnesium	24-2	13523.96	13366.83	13474.46	13455.08	0.60	ppb
Manganese	55-2	1324.46	1271.93	1301.86	1299.42	2.03	ppb
Molybdenum	94-1	1258.88	1265.25	1300.78	1274.97	1.77	ppb
Molybdenum	95-1	1259.10	1254.72	1258.12	1257.31	0.18	ppb
Molybdenum	96-1	1252.53	1249.98	1255.40	1252.64	0.22	ppb
Molybdenum	97-1	1252.28	1260.03	1279.54	1263.95	1.11	ppb
Molybdenum	98-1	1265.42	1270.97	1279.16	1271.85	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	137.82	133.33	134.02	135.06	1.79	ppb
Phosphorus	31-2	2660.22	2554.39	2616.60	2610.40	2.04	ppb
Potassium	39-2	6645.40	6519.40	6631.42	6598.74	1.05	ppb
Rhodium	103-1				86		%
Rhodium	103-2				89		%
Scandium	45-1				89		%
Scandium	45-2				89		%
Selenium	82-1	132.23	131.71	136.77	133.57	2.08	ppb
Selenium	77-2	127.43	136.68	126.78	130.30	4.25	ppb
Selenium	78-2	130.23	131.64	133.14	131.67	1.10	ppb
Silicon	28-1	172.72	174.81	174.62	174.05	0.67	ppb
Silver	107-1	134.04	137.52	133.79	135.12	1.54	ppb
Silver	109-1	135.92	138.36	136.73	137.00	0.91	ppb
Sodium	23-2	13592.66	13237.36	13582.81	13470.94	1.50	ppb
Strontium	86-1	3178.04	3214.54	3185.06	3192.54	0.61	ppb
Strontium	88-1	3171.34	3166.02	3255.95	3197.77	1.58	ppb
Sulfur	34-1	2630.06	2535.73	2591.03	2585.61	1.83	ppb
Terbium	159-1				92		%
Terbium	159-2				94		%
Thallium	203-1	113.18	114.24	113.48	113.63	0.48	ppb
Thallium	205-1	124.80	124.11	124.43	124.45	0.27	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 11:25:27	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	127.39	130.60	127.30	128.43	1.46	ppb
Titanium	47-1	1267.11	1266.85	1267.89	1267.28	0.04	ppb
Uranium	238-1	120.85	122.52	119.30	120.89	1.33	ppb
Vanadium	51-2	126.86	123.93	126.05	125.62	1.20	ppb
Yttrium	89-1				89		%
Yttrium	89-2				90		%
Zinc	66-2	1388.96	1358.11	1384.64	1377.24	1.21	ppb
Zirconium	90-1	125.91	126.13	127.92	126.65	0.87	ppb
Zirconium	91-1	124.33	125.56	127.58	125.82	1.30	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 11:28:11	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5433.45	5411.72	5372.38	5405.85	0.57	ppb
Antimony	121-1	250.36	261.46	261.99	257.94	2.55	ppb
Arsenic	75-2	262.27	267.07	260.27	263.20	1.33	ppb
Barium	135-1	1271.95	1311.51	1315.06	1299.51	1.84	ppb
Barium	137-1	1258.69	1288.80	1318.31	1288.60	2.31	ppb
Beryllium	9-1	250.85	266.18	263.56	260.20	3.15	ppb
Bismuth	209-1				88		%
Bismuth	209-2				90		%
Boron	10-1	287.16	310.13	315.82	304.37	4.99	ppb
Boron	11-1	286.56	310.30	314.55	303.80	4.97	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	263.69	275.18	271.91	270.26	2.19	ppb
Cadmium	106-1	254.15	269.19	260.83	261.39	2.88	ppb
Cadmium	108-1	264.87	266.99	276.29	269.38	2.26	ppb
Calcium	43-1	31067.65	32087.42	32132.19	31762.42	1.90	ppb
Calcium	44-1	28586.29	29014.56	28834.44	28811.76	0.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	262.86	258.64	259.29	260.26	0.87	ppb
Cobalt	59-2	264.27	259.92	259.45	261.21	1.02	ppb
Copper	63-2	2725.02	2724.32	2677.99	2709.11	0.99	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				89		%
Holmium	165-2				93		%
Indium	115-1				85		%
Indium	115-2				87		%
Iron	56-2	14614.93	14402.42	14303.95	14440.43	1.10	ppb
Iron	57-2	15076.85	14762.56	14772.63	14870.68	1.20	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 11:28:11	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	14645.28	14697.12	14476.22	14606.21	0.79	ppb
Krypton	83-1						cps
Lead	206-1	1249.21	1254.01	1255.28	1252.83	0.26	ppb
Lead	207-1	1248.24	1240.02	1250.67	1246.31	0.45	ppb
Lead	208-1	1236.69	1251.52	1255.34	1247.85	0.79	ppb
Lithium	6-1				90		%
Magnesium	24-2	27240.31	27008.59	26827.47	27025.46	0.77	ppb
Manganese	55-2	2619.10	2600.90	2593.90	2604.63	0.50	ppb
Molybdenum	94-1	2493.61	2517.40	2526.72	2512.58	0.68	ppb
Molybdenum	95-1	2494.28	2514.05	2538.39	2515.57	0.88	ppb
Molybdenum	96-1	2525.98	2550.79	2571.66	2549.47	0.90	ppb
Molybdenum	97-1	2511.67	2507.60	2517.74	2512.34	0.20	ppb
Molybdenum	98-1	2502.29	2510.70	2509.44	2507.48	0.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	273.89	269.46	269.73	271.03	0.92	ppb
Phosphorus	31-2	5269.32	5310.06	5198.33	5259.24	1.08	ppb
Potassium	39-2	13378.25	13226.79	13204.67	13269.90	0.71	ppb
Rhodium	103-1				82		%
Rhodium	103-2				86		%
Scandium	45-1				86		%
Scandium	45-2				88		%
Selenium	82-1	261.57	269.53	269.13	266.74	1.68	ppb
Selenium	77-2	265.86	275.56	256.55	265.99	3.57	ppb
Selenium	78-2	262.57	263.63	261.17	262.46	0.47	ppb
Silicon	28-1	334.31	346.84	343.54	341.56	1.90	ppb
Silver	107-1	268.75	272.31	274.90	271.99	1.14	ppb
Silver	109-1	267.63	274.97	273.24	271.95	1.41	ppb
Sodium	23-2	27036.93	26925.33	27064.18	27008.81	0.27	ppb
Strontium	86-1	6290.55	6446.04	6460.57	6399.05	1.47	ppb
Strontium	88-1	6310.25	6336.60	6394.67	6347.18	0.68	ppb
Sulfur	34-1	5216.29	5391.26	5303.14	5303.56	1.65	ppb
Terbium	159-1				89		%
Terbium	159-2				92		%
Thallium	203-1	251.39	248.70	252.48	250.86	0.78	ppb
Thallium	205-1	243.50	248.02	255.60	249.04	2.45	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 11:28:11	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	252.95	264.47	263.00	260.14	2.41	ppb
Titanium	47-1	2524.07	2561.38	2552.48	2545.98	0.77	ppb
Uranium	238-1	238.60	249.47	241.73	243.27	2.30	ppb
Vanadium	51-2	257.01	253.18	251.81	254.00	1.06	ppb
Yttrium	89-1				87		%
Yttrium	89-2				88		%
Zinc	66-2	2749.88	2732.93	2730.40	2737.74	0.39	ppb
Zirconium	90-1	253.19	258.46	257.81	256.49	1.12	ppb
Zirconium	91-1	249.14	252.07	253.74	251.65	0.92	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 11:30:57	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10623.19	10623.79	10810.62	10685.87	1.01	ppb
Antimony	121-1	506.98	509.76	513.58	510.10	0.65	ppb
Arsenic	75-2	508.41	503.87	523.39	511.89	2.00	ppb
Barium	135-1	2483.80	2487.20	2500.23	2490.41	0.35	ppb
Barium	137-1	2465.78	2452.06	2535.88	2484.57	1.81	ppb
Beryllium	9-1	498.50	493.72	504.39	498.87	1.07	ppb
Bismuth	209-1				86		%
Bismuth	209-2				89		%
Boron	10-1	543.24	563.44	594.15	566.95	4.52	ppb
Boron	11-1	542.27	562.60	611.62	572.16	6.23	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	507.73	507.39	516.20	510.44	0.98	ppb
Cadmium	106-1	500.30	490.22	505.68	498.74	1.57	ppb
Cadmium	108-1	513.98	500.55	513.92	509.48	1.52	ppb
Calcium	43-1	60347.02	60188.24	59250.81	59928.69	0.99	ppb
Calcium	44-1	55772.44	56254.81	56445.43	56157.56	0.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	502.61	504.10	516.12	507.61	1.46	ppb
Cobalt	59-2	504.47	508.53	524.48	512.49	2.06	ppb
Copper	63-2	5107.46	5103.35	5226.46	5145.76	1.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				95		%
Indium	115-1				84		%
Indium	115-2				87		%
Iron	56-2	27903.30	27834.15	28525.93	28087.79	1.36	ppb
Iron	57-2	27898.49	28144.76	28776.62	28273.29	1.60	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 11:30:57	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	27842.42	28170.32	28698.61	28237.12	1.53	ppb
Krypton	83-1						cps
Lead	206-1	2518.95	2498.27	2502.05	2506.42	0.44	ppb
Lead	207-1	2470.39	2535.95	2482.72	2496.35	1.40	ppb
Lead	208-1	2483.11	2511.73	2486.76	2493.87	0.62	ppb
Lithium	6-1				90		%
Magnesium	24-2	52156.92	51497.06	52888.69	52180.89	1.33	ppb
Manganese	55-2	5015.01	4972.97	5149.61	5045.86	1.83	ppb
Molybdenum	94-1	4885.79	4955.18	5065.92	4968.96	1.83	ppb
Molybdenum	95-1	4902.89	4992.14	5023.88	4972.97	1.26	ppb
Molybdenum	96-1	4884.62	4988.67	5008.62	4960.64	1.34	ppb
Molybdenum	97-1	4855.95	4943.63	5060.29	4953.29	2.07	ppb
Molybdenum	98-1	4900.65	4936.14	5040.85	4959.22	1.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	512.67	509.39	526.95	516.34	1.81	ppb
Phosphorus	31-2	9907.13	9852.67	10297.47	10019.09	2.42	ppb
Potassium	39-2	25724.08	25453.79	26341.73	25839.87	1.76	ppb
Rhodium	103-1				81		%
Rhodium	103-2				85		%
Scandium	45-1				87		%
Scandium	45-2				88		%
Selenium	82-1	504.00	507.62	515.36	508.99	1.14	ppb
Selenium	77-2	519.17	496.22	550.10	521.83	5.18	ppb
Selenium	78-2	515.45	517.13	519.64	517.41	0.41	ppb
Silicon	28-1	614.23	626.39	623.59	621.40	1.03	ppb
Silver	107-1	515.73	506.83	520.62	514.39	1.36	ppb
Silver	109-1	524.56	517.76	518.44	520.25	0.72	ppb
Sodium	23-2	52896.23	51705.62	53752.47	52784.77	1.95	ppb
Strontium	86-1	12343.98	12462.39	12659.05	12488.47	1.27	ppb
Strontium	88-1	12417.53	12411.24	12552.79	12460.52	0.64	ppb
Sulfur	34-1	10149.96	10097.10	9894.01	10047.03	1.34	ppb
Terbium	159-1				91		%
Terbium	159-2				93		%
Thallium	203-1	498.51	501.67	500.45	500.21	0.32	ppb
Thallium	205-1	493.71	494.93	495.60	494.75	0.19	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 11:30:57	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	501.27	512.97	514.08	509.44	1.39	ppb
Titanium	47-1	5026.22	4944.74	5082.58	5017.85	1.38	ppb
Uranium	238-1	484.88	501.18	486.32	490.79	1.84	ppb
Vanadium	51-2	494.21	494.51	506.84	498.52	1.45	ppb
Yttrium	89-1				88		%
Yttrium	89-2				89		%
Zinc	66-2	5259.02	5203.52	5311.44	5257.99	1.03	ppb
Zirconium	90-1	492.45	495.31	497.25	495.00	0.49	ppb
Zirconium	91-1	490.93	493.51	501.42	495.29	1.10	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 11:33:41	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20720.35	20321.32	20471.28	20504.32	0.98	ppb
Antimony	121-1	978.79	993.61	1005.75	992.72	1.36	ppb
Arsenic	75-2	993.48	992.95	983.06	989.83	0.59	ppb
Barium	135-1	4971.42	5054.49	4956.13	4994.01	1.06	ppb
Barium	137-1	4921.29	5060.45	5006.85	4996.20	1.40	ppb
Beryllium	9-1	963.51	1005.42	1022.59	997.17	3.05	ppb
Bismuth	209-1				84		%
Bismuth	209-2				86		%
Boron	10-1	884.41	964.30	993.28	947.33	5.95	ppb
Boron	11-1	885.49	960.84	987.97	944.76	5.62	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	967.50	999.12	997.48	988.03	1.80	ppb
Cadmium	106-1	974.49	999.36	1015.36	996.40	2.07	ppb
Cadmium	108-1	966.78	1000.68	1000.32	989.26	1.97	ppb
Calcium	43-1	116010.85	120063.59	117425.23	117833.22	1.75	ppb
Calcium	44-1	108876.39	112742.41	111842.16	111153.65	1.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	996.17	985.70	996.91	992.92	0.63	ppb
Cobalt	59-2	988.13	998.06	983.83	990.01	0.74	ppb
Copper	63-2	9906.81	9824.89	9843.11	9858.27	0.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				95		%
Indium	115-1				83		%
Indium	115-2				87		%
Iron	56-2	54806.73	54887.28	54833.64	54842.55	0.07	ppb
Iron	57-2	55418.84	55013.02	55467.00	55299.62	0.45	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 11:33:41	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	55511.55	54574.51	55643.56	55243.21	1.06	ppb
Krypton	83-1						cps
Lead	206-1	4946.67	5028.78	5016.21	4997.22	0.88	ppb
Lead	207-1	4945.82	5065.43	5002.25	5004.50	1.20	ppb
Lead	208-1	4933.88	5076.93	5004.32	5005.04	1.43	ppb
Lithium	6-1				87		%
Magnesium	24-2	102397.32	99888.57	102597.69	101627.86	1.49	ppb
Manganese	55-2	10051.15	9843.95	9933.10	9942.73	1.05	ppb
Molybdenum	94-1	9867.61	10101.01	10055.84	10008.15	1.24	ppb
Molybdenum	95-1	9885.15	10035.32	10102.64	10007.70	1.11	ppb
Molybdenum	96-1	9884.21	10017.60	10115.76	10005.86	1.16	ppb
Molybdenum	97-1	9933.25	10026.45	10091.95	10017.22	0.80	ppb
Molybdenum	98-1	9934.57	10103.27	10006.15	10014.66	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	982.36	986.41	986.07	984.95	0.23	ppb
Phosphorus	31-2	19726.89	19835.76	20160.23	19907.63	1.13	ppb
Potassium	39-2	50830.32	50957.21	51039.62	50942.38	0.21	ppb
Rhodium	103-1				79		%
Rhodium	103-2				84		%
Scandium	45-1				87		%
Scandium	45-2				90		%
Selenium	82-1	976.95	998.19	994.89	990.01	1.15	ppb
Selenium	77-2	1023.23	951.02	978.12	984.12	3.71	ppb
Selenium	78-2	984.25	984.22	992.80	987.09	0.50	ppb
Silicon	28-1	899.37	914.49	912.08	908.65	0.89	ppb
Silver	107-1	974.64	995.53	986.73	985.64	1.06	ppb
Silver	109-1	969.77	991.52	986.14	982.48	1.15	ppb
Sodium	23-2	102826.39	103131.76	103730.95	103229.70	0.45	ppb
Strontium	86-1	24488.57	25165.29	25215.34	24956.40	1.63	ppb
Strontium	88-1	24773.32	25197.36	24978.20	24982.96	0.85	ppb
Sulfur	34-1	19551.53	20277.10	19810.19	19879.61	1.85	ppb
Terbium	159-1				90		%
Terbium	159-2				94		%
Thallium	203-1	979.65	1015.93	1008.25	1001.27	1.91	ppb
Thallium	205-1	992.13	1014.30	1002.92	1003.12	1.10	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 11:33:41	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	973.11	1004.00	999.25	992.12	1.68	ppb
Titanium	47-1	9743.68	10114.76	10070.44	9976.29	2.03	ppb
Uranium	238-1	984.06	1013.69	1023.90	1007.22	2.05	ppb
Vanadium	51-2	1010.79	982.55	1005.42	999.59	1.50	ppb
Yttrium	89-1				88		%
Yttrium	89-2				91		%
Zinc	66-2	9859.24	9614.26	9903.75	9792.42	1.59	ppb
Zirconium	90-1	989.97	1007.85	1003.83	1000.55	0.94	ppb
Zirconium	91-1	984.85	1008.18	1012.24	1001.76	1.48	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 11:36:28	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97561.70	101744.09	100106.54	99804.11	2.11	ppb
Antimony	121-1	0.93	0.89	0.90	0.91	2.11	ppb
Arsenic	75-2	0.37	0.37	0.39	0.38	2.62	ppb
Barium	135-1	4.58	4.05	3.89	4.17	8.64	ppb
Barium	137-1	4.46	3.85	3.81	4.04	8.99	ppb
Beryllium	9-1	0.62	0.56	0.42	0.54	19.14	ppb
Bismuth	209-1				70		%
Bismuth	209-2				73		%
Boron	10-1	41.93	39.25	34.12	38.43	10.32	ppb
Boron	11-1	42.38	37.72	33.64	37.91	11.55	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.71	0.42	0.51	0.55	26.63	ppb
Cadmium	106-1	2.08	-0.14	0.61	0.85	133.53	ppb
Cadmium	108-1	0.58	0.75	0.70	0.67	12.89	ppb
Calcium	43-1	491572.77	501250.59	492198.24	495007.20	1.09	ppb
Calcium	44-1	496483.01	499639.08	494608.13	496910.07	0.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.16	9.27	8.98	9.14	1.58	ppb
Cobalt	59-2	1.23	1.31	1.23	1.26	3.66	ppb
Copper	63-2	3.52	3.39	3.29	3.40	3.38	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				87		%
Holmium	165-2				91		%
Indium	115-1				80		%
Indium	115-2				83		%
Iron	56-2	245431.64	252541.60	247818.35	248597.20	1.46	ppb
Iron	57-2	245723.34	252183.01	247470.19	248458.84	1.34	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 11:36:28	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	243969.19	254340.82	247137.90	248482.64	2.14	ppb
Krypton	83-1						cps
Lead	206-1	3.05	2.53	2.24	2.61	15.78	ppb
Lead	207-1	2.88	2.42	2.03	2.44	17.45	ppb
Lead	208-1	2.97	2.46	2.11	2.51	17.13	ppb
Lithium	6-1				82		%
Magnesium	24-2	490067.55	508153.59	499756.15	499325.76	1.81	ppb
Manganese	55-2	11.20	11.30	10.95	11.15	1.59	ppb
Molybdenum	94-1	6.23	5.72	4.81	5.59	12.87	ppb
Molybdenum	95-1	6.19	5.09	4.63	5.30	15.09	ppb
Molybdenum	96-1	12.53	11.16	10.74	11.48	8.17	ppb
Molybdenum	97-1	6.43	5.23	4.42	5.36	18.85	ppb
Molybdenum	98-1	6.07	5.06	4.54	5.22	14.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.65	3.80	3.83	3.76	2.59	ppb
Phosphorus	31-2	-4.01	-2.52	-20.57	-9.03		ppb
Potassium	39-2	244965.18	253177.11	250886.82	249676.37	1.70	ppb
Rhodium	103-1				71		%
Rhodium	103-2				74		%
Scandium	45-1				87		%
Scandium	45-2				92		%
Selenium	82-1	2.38	2.60	1.98	2.32	13.48	ppb
Selenium	77-2	0.85	0.91	-0.10	0.55	101.79	ppb
Selenium	78-2	0.93	0.15	0.56	0.54	71.40	ppb
Silicon	28-1	18.65	23.70	24.33	22.23	14.01	ppb
Silver	107-1	0.71	0.65	0.55	0.64	12.48	ppb
Silver	109-1	0.70	0.62	0.58	0.63	9.09	ppb
Sodium	23-2	490267.44	504347.64	502222.21	498945.76	1.52	ppb
Strontium	86-1	14.94	12.35	10.81	12.70	16.44	ppb
Strontium	88-1	15.01	12.49	10.69	12.73	17.03	ppb
Sulfur	34-1	-17.84	-73.33	52.07	-13.04		ppb
Terbium	159-1				87		%
Terbium	159-2				90		%
Thallium	203-1	0.48	0.41	0.35	0.41	16.12	ppb
Thallium	205-1	0.51	0.39	0.33	0.41	22.60	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 11:36:28	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	1.41	1.42	1.31	1.38	4.45	ppb
Titanium	47-1	5.73	4.43	3.68	4.61	22.50	ppb
Uranium	238-1	0.39	0.31	0.22	0.31	27.89	ppb
Vanadium	51-2	0.41	0.42	0.37	0.40	6.76	ppb
Yttrium	89-1				85		%
Yttrium	89-2				89		%
Zinc	66-2	10.92	11.41	10.30	10.88	5.11	ppb
Zirconium	90-1	0.59	0.43	0.40	0.48	21.89	ppb
Zirconium	91-1	0.59	0.42	0.42	0.47	20.39	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	ICV16	Instrumnet Name :	P7
Client Sample ID :	ICV16	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 12:11:08	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	499.41	508.92	508.99	505.77	1.09	ppb
Antimony	121-1	186.34	194.67	198.14	193.05	3.14	ppb
Arsenic	75-2	200.08	204.25	206.41	203.58	1.58	ppb
Barium	135-1	89.76	94.62	93.79	92.72	2.80	ppb
Barium	137-1	89.72	94.08	95.73	93.18	3.33	ppb
Beryllium	9-1	96.29	103.87	102.89	101.01	4.08	ppb
Bismuth	209-1				99		%
Bismuth	209-2				102		%
Boron	10-1	1.68	1.98	2.06	1.91	10.32	ppb
Boron	11-1	1.82	1.82	1.79	1.81	0.81	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	101.68	105.98	105.85	104.50	2.34	ppb
Cadmium	106-1	77.26	78.21	78.60	78.02	0.89	ppb
Cadmium	108-1	78.12	83.98	85.15	82.42	4.57	ppb
Calcium	43-1	1990.90	2059.38	2059.26	2036.51	1.94	ppb
Calcium	44-1	1971.51	2101.09	2140.15	2070.92	4.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	98.93	99.07	99.84	99.28	0.49	ppb
Cobalt	59-2	99.62	100.02	100.89	100.18	0.65	ppb
Copper	63-2	99.34	99.56	100.48	99.79	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	2064.29	2104.37	2095.82	2088.16	1.01	ppb
Iron	57-2	2130.12	2132.70	2162.47	2141.76	0.84	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	ICV16	Instrumnet Name :	P7
Client Sample ID :	ICV16	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 12:11:08	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2220.19	2221.01	2243.90	2228.37	0.60	ppb
Krypton	83-1						cps
Lead	206-1	175.76	191.60	188.42	185.26	4.52	ppb
Lead	207-1	161.48	174.19	171.68	169.12	3.98	ppb
Lead	208-1	175.68	189.91	188.73	184.77	4.28	ppb
Lithium	6-1				102		%
Magnesium	24-2	1125.68	1127.30	1136.17	1129.71	0.50	ppb
Manganese	55-2	97.54	98.22	98.92	98.23	0.70	ppb
Molybdenum	94-1	0.08	0.02	0.07	0.06	51.02	ppb
Molybdenum	95-1	0.05	0.05	0.03	0.04	23.79	ppb
Molybdenum	96-1	0.11	0.13	0.12	0.12	8.35	ppb
Molybdenum	97-1	0.02	0.05	0.04	0.04	41.50	ppb
Molybdenum	98-1	0.06	0.05	0.05	0.05	17.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	107.28	108.44	108.73	108.15	0.71	ppb
Phosphorus	31-2	-16.13	-15.83	-12.74	-14.90		ppb
Potassium	39-2	2025.70	1999.85	2019.68	2015.08	0.67	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	201.54	218.08	211.61	210.41	3.96	ppb
Selenium	77-2	223.16	210.91	212.05	215.37	3.14	ppb
Selenium	78-2	216.95	209.72	216.21	214.29	1.86	ppb
Silicon	28-1	-0.03	0.01	0.06	0.01	330.08	ppb
Silver	107-1	49.23	51.37	52.46	51.02	3.22	ppb
Silver	109-1	49.90	52.73	52.79	51.81	3.18	ppb
Sodium	23-2	1953.19	1950.38	1960.10	1954.56	0.26	ppb
Strontium	86-1	0.20	0.32	0.24	0.25	24.12	ppb
Strontium	88-1	0.26	0.27	0.28	0.27	3.46	ppb
Sulfur	34-1	-55.66	-111.81	-123.04	-96.84		ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	200.86	215.45	213.88	210.06	3.81	ppb
Thallium	205-1	202.89	215.84	212.34	210.36	3.18	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	ICV16	Instrumnet Name :	P7
Client Sample ID :	ICV16	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 12:11:08	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	-0.02	0.00	0.01	0.00		ppb
Titanium	47-1	0.00	-0.04	-0.03	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	40.90	ppb
Vanadium	51-2	93.56	93.41	93.56	93.51	0.09	ppb
Yttrium	89-1				98		%
Yttrium	89-2				100		%
Zinc	66-2	204.07	206.82	206.39	205.76	0.72	ppb
Zirconium	90-1	0.01	0.02	0.03	0.02	51.29	ppb
Zirconium	91-1	0.13	0.08	0.07	0.09	35.10	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 12:23:01	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.96	18.24	19.32	19.17	4.53	ppb
Antimony	121-1	1.87	1.91	2.00	1.93	3.43	ppb
Arsenic	75-2	1.07	1.21	0.96	1.08	11.35	ppb
Barium	135-1	8.67	8.95	9.21	8.94	3.01	ppb
Barium	137-1	8.75	8.97	9.01	8.91	1.59	ppb
Beryllium	9-1	1.00	1.01	1.11	1.04	5.71	ppb
Bismuth	209-1				97		%
Bismuth	209-2				100		%
Boron	10-1	10.37	11.24	11.30	10.97	4.73	ppb
Boron	11-1	10.54	12.00	11.91	11.49	7.11	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.79	0.96	0.93	0.90	10.03	ppb
Cadmium	106-1	-1.66	-0.07	-0.42	-0.71		ppb
Cadmium	108-1	1.00	0.60	0.99	0.86	26.15	ppb
Calcium	43-1	485.53	524.30	506.31	505.38	3.84	ppb
Calcium	44-1	489.37	515.90	506.14	503.80	2.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.82	1.87	1.79	1.82	2.25	ppb
Cobalt	59-2	1.02	1.06	1.03	1.04	1.85	ppb
Copper	63-2	2.10	2.02	2.11	2.08	2.39	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				96		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	53.65	53.60	54.26	53.84	0.69	ppb
Iron	57-2	54.14	58.16	56.22	56.17	3.57	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 12:23:01	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	56.26	56.51	56.96	56.58	0.63	ppb
Krypton	83-1						cps
Lead	206-1	0.79	0.78	0.82	0.80	2.41	ppb
Lead	207-1	0.70	0.72	0.78	0.74	5.62	ppb
Lead	208-1	0.80	0.83	0.85	0.83	3.05	ppb
Lithium	6-1				101		%
Magnesium	24-2	476.19	485.21	481.90	481.10	0.95	ppb
Manganese	55-2	0.92	1.03	0.99	0.98	5.63	ppb
Molybdenum	94-1	5.18	5.23	5.16	5.19	0.74	ppb
Molybdenum	95-1	4.32	4.75	4.76	4.61	5.45	ppb
Molybdenum	96-1	4.61	4.83	4.76	4.73	2.36	ppb
Molybdenum	97-1	4.29	4.67	4.83	4.60	6.00	ppb
Molybdenum	98-1	4.40	4.70	4.68	4.59	3.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	1.09	0.97	1.02	5.56	ppb
Phosphorus	31-2	0.68	1.09	18.03	6.60	149.96	ppb
Potassium	39-2	502.05	503.12	508.34	504.50	0.67	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	4.63	4.71	5.33	4.89	7.86	ppb
Selenium	77-2	7.54	6.69	4.07	6.10	29.68	ppb
Selenium	78-2	5.24	3.86	4.68	4.59	15.07	ppb
Silicon	28-1	0.52	0.82	0.85	0.73	25.18	ppb
Silver	107-1	1.02	1.02	0.98	1.01	2.55	ppb
Silver	109-1	1.03	1.07	1.03	1.04	2.26	ppb
Sodium	23-2	492.41	490.30	485.21	489.31	0.76	ppb
Strontium	86-1	0.86	1.04	0.96	0.95	9.68	ppb
Strontium	88-1	0.90	0.96	0.95	0.94	3.40	ppb
Sulfur	34-1	-95.66	51.91	119.71	25.32	434.90	ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	0.78	0.82	0.80	0.80	1.96	ppb
Thallium	205-1	0.80	0.81	0.87	0.83	4.71	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 12:23:01	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	4.59	4.62	4.67	4.62	0.85	ppb
Titanium	47-1	4.42	4.62	4.55	4.53	2.24	ppb
Uranium	238-1	0.66	0.74	0.70	0.70	5.52	ppb
Vanadium	51-2	4.62	4.66	4.54	4.61	1.35	ppb
Yttrium	89-1				97		%
Yttrium	89-2				98		%
Zinc	66-2	2.41	2.13	2.54	2.36	8.97	ppb
Zirconium	90-1	0.79	0.88	0.85	0.84	5.46	ppb
Zirconium	91-1	0.87	0.86	0.98	0.90	7.29	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	ICB16	Instrumnet Name :	P7
Client Sample ID :	ICB16	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 12:29:57	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.25	0.07	0.20	0.17	52.22	ppb
Antimony	121-1	0.01	0.02	0.01	0.01	37.45	ppb
Arsenic	75-2	0.01	0.02	0.01	0.01	49.91	ppb
Barium	135-1	0.01	0.02	0.02	0.02	18.92	ppb
Barium	137-1	0.01	0.00	0.02	0.01	86.44	ppb
Beryllium	9-1	0.04	0.00	0.03	0.02	77.44	ppb
Bismuth	209-1				89		%
Bismuth	209-2				99		%
Boron	10-1	1.33	1.33	1.15	1.27	8.22	ppb
Boron	11-1	1.16	1.31	1.14	1.20	7.66	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.21	0.06	-0.09	-0.08		ppb
Cadmium	106-1	-2.39	0.50	-1.05	-0.98		ppb
Cadmium	108-1	0.10	-0.03	-0.04	0.01	813.91	ppb
Calcium	43-1	0.27	-0.44	0.78	0.20	305.42	ppb
Calcium	44-1	0.62	1.67	-0.20	0.69	134.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.02	0.01	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	51.44	ppb
Copper	63-2	0.02	0.03	0.01	0.02	50.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				88		%
Holmium	165-2				98		%
Indium	115-1				88		%
Indium	115-2				97		%
Iron	56-2	0.23	0.22	0.35	0.27	27.60	ppb
Iron	57-2	-0.58	-0.62	-0.33	-0.51		ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	ICB16	Instrumnet Name :	P7
Client Sample ID :	ICB16	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 12:29:57	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2.28	-0.85	0.10	0.51	315.37	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.03	0.01	0.02	61.85	ppb
Lead	207-1	0.01	0.01	0.01	0.01	21.23	ppb
Lead	208-1	0.01	0.02	0.01	0.01	38.05	ppb
Lithium	6-1				93		%
Magnesium	24-2	0.31	0.40	0.57	0.43	31.43	ppb
Manganese	55-2	0.02	0.01	0.00	0.01	64.17	ppb
Molybdenum	94-1	0.03	0.04	0.02	0.03	37.99	ppb
Molybdenum	95-1	0.03	0.01	0.01	0.01	66.39	ppb
Molybdenum	96-1	0.02	0.00	0.03	0.01	100.23	ppb
Molybdenum	97-1	0.01	0.01	0.00	0.01	52.67	ppb
Molybdenum	98-1	0.02	0.04	0.03	0.03	26.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	-0.02	0.00		ppb
Phosphorus	31-2	-3.22	-13.40	-3.73	-6.78		ppb
Potassium	39-2	3.76	1.26	-0.07	1.65	118.00	ppb
Rhodium	103-1				87		%
Rhodium	103-2				97		%
Scandium	45-1				89		%
Scandium	45-2				96		%
Selenium	82-1	0.06	-0.40	-0.01	-0.12		ppb
Selenium	77-2	0.21	-0.10	-0.10	0.01	2787.66	ppb
Selenium	78-2	-0.38	-0.12	-0.07	-0.19		ppb
Silicon	28-1	0.40	0.53	0.08	0.34	68.62	ppb
Silver	107-1	0.00	0.01	0.01	0.01	61.21	ppb
Silver	109-1	0.01	0.01	0.01	0.01	24.17	ppb
Sodium	23-2	5.07	5.06	4.93	5.02	1.55	ppb
Strontium	86-1	0.00	0.12	0.00	0.04	179.47	ppb
Strontium	88-1	0.06	0.04	0.05	0.05	11.77	ppb
Sulfur	34-1	635.33	674.18	342.19	550.57	32.97	ppb
Terbium	159-1				87		%
Terbium	159-2				97		%
Thallium	203-1	0.01	0.00	0.01	0.01	63.51	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	33.97	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	ICB16	Instrumnet Name :	P7
Client Sample ID :	ICB16	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 12:29:57	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	-0.04	-0.05	-0.05	-0.05		ppb
Titanium	47-1	-0.01	-0.04	-0.02	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	44.38	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	42.32	ppb
Yttrium	89-1				86		%
Yttrium	89-2				95		%
Zinc	66-2	-0.09	-0.16	0.04	-0.07		ppb
Zirconium	90-1	0.01	0.01	0.00	0.00	144.06	ppb
Zirconium	91-1	0.00	0.01	-0.01	0.00		ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	ICSA16	Instrumnet Name :	P7
Client Sample ID :	ICSA16	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 12:34:16	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96456.97	95373.29	93978.15	95269.47	1.30	ppb
Antimony	121-1	1.05	1.06	1.02	1.04	2.10	ppb
Arsenic	75-2	0.38	0.42	0.28	0.36	19.11	ppb
Barium	135-1	1.31	1.45	1.42	1.39	5.57	ppb
Barium	137-1	1.27	1.30	1.33	1.30	2.19	ppb
Beryllium	9-1	0.28	0.29	0.26	0.28	5.50	ppb
Bismuth	209-1				83		%
Bismuth	209-2				86		%
Boron	10-1	1.14	0.96	1.36	1.15	17.22	ppb
Boron	11-1	1.21	1.35	1.28	1.28	5.21	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.18	0.44	0.44	0.35	43.29	ppb
Cadmium	106-1	-4.80	-3.70	-2.05	-3.52		ppb
Cadmium	108-1	15.45	14.48	14.60	14.85	3.56	ppb
Calcium	43-1	100186.99	101673.89	103194.12	101685.00	1.48	ppb
Calcium	44-1	99284.34	102409.95	101943.72	101212.67	1.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.60	19.32	19.80	19.57	1.25	ppb
Cobalt	59-2	1.29	1.24	1.21	1.25	2.97	ppb
Copper	63-2	7.46	7.44	7.45	7.45	0.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				97		%
Indium	115-1				87		%
Indium	115-2				89		%
Iron	56-2	105930.75	103678.04	103647.81	104418.87	1.25	ppb
Iron	57-2	105443.60	103110.10	103281.68	103945.12	1.25	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	ICSA16	Instrumnet Name :	P7
Client Sample ID :	ICSA16	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 12:34:16	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	104417.11	103206.69	104966.49	104196.76	0.86	ppb
Krypton	83-1						cps
Lead	206-1	4.19	4.27	4.15	4.20	1.47	ppb
Lead	207-1	3.56	3.51	3.63	3.57	1.64	ppb
Lead	208-1	3.73	3.76	3.74	3.74	0.35	ppb
Lithium	6-1				92		%
Magnesium	24-2	93660.28	92836.39	93145.66	93214.11	0.45	ppb
Manganese	55-2	7.69	7.60	7.86	7.72	1.73	ppb
Molybdenum	94-1	1490.69	1551.91	1506.61	1516.41	2.09	ppb
Molybdenum	95-1	1850.06	1942.64	1881.54	1891.41	2.49	ppb
Molybdenum	96-1	1804.72	1905.19	1842.66	1850.86	2.74	ppb
Molybdenum	97-1	1857.47	1959.79	1886.83	1901.36	2.77	ppb
Molybdenum	98-1	1838.92	1933.01	1871.14	1881.02	2.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.24	5.39	5.54	5.39	2.85	ppb
Phosphorus	31-2	95048.49	94428.35	93717.55	94398.13	0.71	ppb
Potassium	39-2	97808.31	96655.82	95646.10	96703.41	1.12	ppb
Rhodium	103-1				81		%
Rhodium	103-2				84		%
Scandium	45-1				91		%
Scandium	45-2				90		%
Selenium	82-1	0.20	0.81	0.44	0.48	63.00	ppb
Selenium	77-2	0.53	-0.10	-0.10	0.11	320.31	ppb
Selenium	78-2	-0.96	-0.89	-0.02	-0.62		ppb
Silicon	28-1	2.49	2.59	2.59	2.56	2.36	ppb
Silver	107-1	0.03	0.02	0.02	0.03	28.44	ppb
Silver	109-1	0.03	0.02	0.01	0.02	38.25	ppb
Sodium	23-2	100326.21	99038.63	99074.15	99479.66	0.74	ppb
Strontium	86-1	32.22	33.28	33.37	32.96	1.95	ppb
Strontium	88-1	31.98	33.43	32.78	32.73	2.22	ppb
Sulfur	34-1	92526.98	93821.96	92561.13	92970.03	0.79	ppb
Terbium	159-1				94		%
Terbium	159-2				96		%
Thallium	203-1	0.04	0.06	0.06	0.06	19.32	ppb
Thallium	205-1	0.04	0.05	0.06	0.05	13.53	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	ICSA16	Instrumnet Name :	P7
Client Sample ID :	ICSA16	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 12:34:16	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.09	0.11	0.17	0.12	32.74	ppb
Titanium	47-1	1938.12	2050.30	1994.87	1994.43	2.81	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	5.44	ppb
Vanadium	51-2	0.23	0.21	0.19	0.21	8.72	ppb
Yttrium	89-1				89		%
Yttrium	89-2				92		%
Zinc	66-2	11.04	11.03	11.32	11.13	1.47	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	26.46	ppb
Zirconium	91-1	0.05	0.03	0.00	0.03	84.62	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	ICSAB16	Instrumnet Name :	P7
Client Sample ID :	ICSAB16	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 12:37:45	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97746.58	96210.64	98803.29	97586.84	1.34	ppb
Antimony	121-1	19.83	20.70	20.86	20.46	2.72	ppb
Arsenic	75-2	20.66	20.49	21.03	20.73	1.35	ppb
Barium	135-1	20.06	21.29	21.29	20.88	3.39	ppb
Barium	137-1	20.87	20.82	20.82	20.84	0.16	ppb
Beryllium	9-1	19.62	19.97	20.28	19.96	1.66	ppb
Bismuth	209-1				85		%
Bismuth	209-2				87		%
Boron	10-1	1.09	1.04	1.05	1.06	2.51	ppb
Boron	11-1	1.11	1.11	1.15	1.12	2.05	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	19.71	19.60	19.45	19.58	0.67	ppb
Cadmium	106-1	13.44	11.90	10.73	12.03	11.30	ppb
Cadmium	108-1	30.94	29.03	29.95	29.97	3.18	ppb
Calcium	43-1	102045.55	103452.30	103641.07	103046.30	0.85	ppb
Calcium	44-1	102423.83	103167.15	105223.56	103604.85	1.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.16	40.44	40.28	40.29	0.35	ppb
Cobalt	59-2	21.46	21.29	21.82	21.52	1.28	ppb
Copper	63-2	26.37	26.66	26.95	26.66	1.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				99		%
Indium	115-1				90		%
Indium	115-2				91		%
Iron	56-2	107226.88	108488.73	107380.57	107698.72	0.64	ppb
Iron	57-2	106030.90	107702.28	106728.85	106820.68	0.79	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	ICSAB16	Instrumnet Name :	P7
Client Sample ID :	ICSAB16	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 12:37:45	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	107406.32	107310.71	107281.45	107332.83	0.06	ppb
Krypton	83-1						cps
Lead	206-1	25.51	26.66	26.36	26.18	2.29	ppb
Lead	207-1	23.35	24.36	23.80	23.84	2.11	ppb
Lead	208-1	23.62	24.52	24.24	24.13	1.90	ppb
Lithium	6-1				92		%
Magnesium	24-2	94065.13	94293.72	94475.36	94278.07	0.22	ppb
Manganese	55-2	28.14	28.05	28.09	28.09	0.17	ppb
Molybdenum	94-1	1541.87	1559.05	1574.26	1558.39	1.04	ppb
Molybdenum	95-1	1887.64	1931.03	1920.98	1913.21	1.19	ppb
Molybdenum	96-1	1852.84	1909.68	1893.62	1885.38	1.55	ppb
Molybdenum	97-1	1912.54	1941.50	1943.22	1932.42	0.89	ppb
Molybdenum	98-1	1910.83	1939.00	1946.32	1932.05	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.29	25.99	26.17	25.82	1.80	ppb
Phosphorus	31-2	96912.78	96670.13	97923.06	97168.66	0.68	ppb
Potassium	39-2	99791.05	98551.65	99730.00	99357.57	0.70	ppb
Rhodium	103-1				83		%
Rhodium	103-2				86		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	82-1	19.70	20.56	20.23	20.17	2.15	ppb
Selenium	77-2	21.73	16.36	25.30	21.13	21.31	ppb
Selenium	78-2	18.42	19.50	21.10	19.67	6.84	ppb
Silicon	28-1	2.69	2.71	2.81	2.74	2.29	ppb
Silver	107-1	18.07	18.72	18.85	18.54	2.27	ppb
Silver	109-1	18.49	18.79	18.56	18.61	0.83	ppb
Sodium	23-2	101295.03	100743.89	101725.88	101254.93	0.49	ppb
Strontium	86-1	32.78	33.57	34.39	33.58	2.40	ppb
Strontium	88-1	32.97	34.25	33.87	33.70	1.96	ppb
Sulfur	34-1	94180.46	94835.19	95842.86	94952.84	0.88	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	20.19	21.18	20.66	20.68	2.41	ppb
Thallium	205-1	20.23	20.89	20.74	20.62	1.66	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	ICSAB16	Instrumnet Name :	P7
Client Sample ID :	ICSAB16	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 12:37:45	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.13	0.15	0.16	0.15	9.72	ppb
Titanium	47-1	2000.09	2028.69	2048.16	2025.65	1.19	ppb
Uranium	238-1	0.03	0.02	0.03	0.03	11.44	ppb
Vanadium	51-2	19.87	19.83	19.68	19.79	0.51	ppb
Yttrium	89-1				93		%
Yttrium	89-2				93		%
Zinc	66-2	31.43	31.14	31.51	31.36	0.62	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	30.83	ppb
Zirconium	91-1	0.04	0.05	0.05	0.05	12.11	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	CCV54	Instrumnet Name :	P7
Client Sample ID :	CCV54	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 12:44:41	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50354.92	50860.28	50392.06	50535.75	0.56	ppb
Antimony	121-1	468.29	483.23	485.21	478.91	1.93	ppb
Arsenic	75-2	455.68	466.58	465.59	462.62	1.30	ppb
Barium	135-1	2401.66	2564.33	2500.37	2488.78	3.29	ppb
Barium	137-1	2418.99	2549.16	2489.25	2485.80	2.62	ppb
Beryllium	9-1	473.61	489.97	488.58	484.05	1.87	ppb
Bismuth	209-1				79		%
Bismuth	209-2				80		%
Boron	10-1	755.87	797.67	817.76	790.43	3.99	ppb
Boron	11-1	772.80	788.81	828.17	796.60	3.58	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	443.46	467.85	465.13	458.81	2.91	ppb
Cadmium	106-1	455.42	486.84	475.70	472.65	3.37	ppb
Cadmium	108-1	448.39	471.89	471.78	464.02	2.92	ppb
Calcium	43-1	254488.22	253087.29	253417.15	253664.22	0.29	ppb
Calcium	44-1	247877.06	250115.44	251714.37	249902.29	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	492.28	491.17	485.37	489.61	0.76	ppb
Cobalt	59-2	482.24	489.79	476.52	482.85	1.38	ppb
Copper	63-2	4699.07	4713.19	4626.90	4679.72	0.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				96		%
Indium	115-1				85		%
Indium	115-2				86		%
Iron	56-2	130146.03	130311.70	128254.46	129570.73	0.88	ppb
Iron	57-2	129906.28	131198.02	129415.07	130173.12	0.71	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	CCV54	Instrumnet Name :	P7
Client Sample ID :	CCV54	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 12:44:41	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	130864.13	129719.17	128313.26	129632.18	0.99	ppb
Krypton	83-1						cps
Lead	206-1	2546.35	2571.86	2602.69	2573.63	1.10	ppb
Lead	207-1	2536.80	2505.62	2599.36	2547.26	1.87	ppb
Lead	208-1	2521.34	2526.52	2593.51	2547.12	1.58	ppb
Lithium	6-1				86		%
Magnesium	24-2	250656.30	250268.02	247634.67	249519.67	0.66	ppb
Manganese	55-2	4852.32	4787.40	4761.99	4800.57	0.97	ppb
Molybdenum	94-1	4801.69	4919.53	4927.33	4882.85	1.44	ppb
Molybdenum	95-1	4841.52	4910.64	4859.90	4870.69	0.73	ppb
Molybdenum	96-1	4853.71	4940.23	4882.88	4892.27	0.90	ppb
Molybdenum	97-1	4865.50	5027.48	4859.36	4917.45	1.94	ppb
Molybdenum	98-1	4857.52	4972.31	4877.86	4902.56	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	473.30	469.96	464.45	469.24	0.95	ppb
Phosphorus	31-2	9599.07	9762.12	9553.92	9638.37	1.14	ppb
Potassium	39-2	124926.45	125586.30	123835.69	124782.81	0.71	ppb
Rhodium	103-1				79		%
Rhodium	103-2				80		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	82-1	459.46	472.07	462.79	464.78	1.41	ppb
Selenium	77-2	469.96	456.48	470.79	465.74	1.73	ppb
Selenium	78-2	458.23	463.97	469.07	463.75	1.17	ppb
Silicon	28-1	943.90	940.49	942.39	942.26	0.18	ppb
Silver	107-1	447.26	467.54	466.63	460.48	2.49	ppb
Silver	109-1	452.28	471.05	470.65	464.66	2.31	ppb
Sodium	23-2	247086.03	248964.07	246727.44	247592.51	0.49	ppb
Strontium	86-1	12205.88	12428.34	12147.10	12260.44	1.21	ppb
Strontium	88-1	12104.87	12420.87	12208.49	12244.74	1.32	ppb
Sulfur	34-1	9553.29	9688.71	9503.99	9582.00	1.00	ppb
Terbium	159-1				93		%
Terbium	159-2				95		%
Thallium	203-1	511.53	519.90	530.02	520.48	1.78	ppb
Thallium	205-1	513.08	519.38	523.14	518.53	0.98	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	CCV54	Instrumnet Name :	P7
Client Sample ID :	CCV54	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 12:44:41	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	480.19	498.78	503.63	494.20	2.50	ppb
Titanium	47-1	4847.46	4997.06	4986.27	4943.59	1.69	ppb
Uranium	238-1	507.41	522.92	520.48	516.93	1.61	ppb
Vanadium	51-2	489.33	493.33	485.64	489.43	0.79	ppb
Yttrium	89-1				92		%
Yttrium	89-2				92		%
Zinc	66-2	4678.17	4681.14	4648.34	4669.22	0.39	ppb
Zirconium	90-1	492.46	508.81	503.14	501.47	1.66	ppb
Zirconium	91-1	484.54	504.15	495.21	494.64	1.98	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	CCB54	Instrumnet Name :	P7
Client Sample ID :	CCB54	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 12:57:18	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.14	0.55	0.43	0.38	55.93	ppb
Antimony	121-1	0.06	0.07	0.06	0.06	14.10	ppb
Arsenic	75-2	0.01	0.01	0.01	0.01	43.67	ppb
Barium	135-1	0.02	0.02	0.01	0.02	39.65	ppb
Barium	137-1	0.03	0.03	0.03	0.03	7.52	ppb
Beryllium	9-1	0.02	0.02	0.04	0.03	53.24	ppb
Bismuth	209-1				99		%
Bismuth	209-2				104		%
Boron	10-1	2.96	3.13	3.01	3.03	2.75	ppb
Boron	11-1	3.24	3.04	2.95	3.08	4.72	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.16	-0.31	-0.32	-0.26		ppb
Cadmium	106-1	-2.05	-3.75	-3.70	-3.17		ppb
Cadmium	108-1	-0.01	-0.08	-0.02	-0.04		ppb
Calcium	43-1	0.95	-1.46	-2.22	-0.91		ppb
Calcium	44-1	2.71	2.37	1.47	2.18	29.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.01	0.01	-0.01		ppb
Cobalt	59-2	0.02	0.00	0.01	0.01	66.61	ppb
Copper	63-2	0.06	0.06	0.12	0.08	46.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				102		%
Iron	56-2	1.18	1.37	1.32	1.29	7.48	ppb
Iron	57-2	0.69	1.68	0.87	1.08	48.71	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	CCB54	Instrumnet Name :	P7
Client Sample ID :	CCB54	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 12:57:18	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-0.05	0.60	2.25	0.93	127.38	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.03	0.04	0.04	34.52	ppb
Lead	207-1	0.04	0.03	0.04	0.04	8.09	ppb
Lead	208-1	0.04	0.03	0.03	0.04	14.70	ppb
Lithium	6-1				97		%
Magnesium	24-2	1.77	1.85	1.53	1.72	9.62	ppb
Manganese	55-2	0.04	0.03	0.05	0.04	33.57	ppb
Molybdenum	94-1	0.10	0.04	0.08	0.07	38.16	ppb
Molybdenum	95-1	0.09	0.07	0.07	0.08	16.86	ppb
Molybdenum	96-1	0.11	0.08	0.08	0.09	16.83	ppb
Molybdenum	97-1	0.11	0.08	0.05	0.08	33.61	ppb
Molybdenum	98-1	0.10	0.08	0.06	0.08	22.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	-0.02	-0.01		ppb
Phosphorus	31-2	-12.21	-12.26	-1.19	-8.55		ppb
Potassium	39-2	1.62	2.20	0.91	1.58	40.90	ppb
Rhodium	103-1				98		%
Rhodium	103-2				103		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	82-1	-0.15	-0.14	-0.24	-0.18		ppb
Selenium	77-2	-0.10	-0.10	-0.10	-0.10		ppb
Selenium	78-2	-0.78	-0.76	0.15	-0.46		ppb
Silicon	28-1	0.26	-0.01	-0.05	0.07	250.35	ppb
Silver	107-1	0.01	0.02	0.01	0.01	35.89	ppb
Silver	109-1	0.01	0.01	0.00	0.01	64.77	ppb
Sodium	23-2	14.44	13.49	14.20	14.04	3.50	ppb
Strontium	86-1	0.16	0.10	0.06	0.11	49.03	ppb
Strontium	88-1	0.13	0.10	0.08	0.10	21.08	ppb
Sulfur	34-1	68.49	-27.12	-91.70	-16.77		ppb
Terbium	159-1				99		%
Terbium	159-2				104		%
Thallium	203-1	0.01	0.02	0.02	0.02	32.50	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	6.73	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	CCB54	Instrumnet Name :	P7
Client Sample ID :	CCB54	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 12:57:18	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	-0.06	-0.04	-0.05	-0.05		ppb
Titanium	47-1	0.08	0.02	0.03	0.04	72.36	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	16.58	ppb
Vanadium	51-2	0.00	0.00	0.01	0.01	95.00	ppb
Yttrium	89-1				98		%
Yttrium	89-2				102		%
Zinc	66-2	0.01	-0.01	0.07	0.03	158.88	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	25.10	ppb
Zirconium	91-1	0.01	0.02	0.01	0.01	57.35	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:02:32	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.43	20.36	19.66	20.15	2.10	ppb
Antimony	121-1	1.89	1.91	1.93	1.91	0.94	ppb
Arsenic	75-2	1.02	1.11	0.98	1.03	6.24	ppb
Barium	135-1	8.92	9.50	9.36	9.26	3.28	ppb
Barium	137-1	9.24	9.17	9.29	9.23	0.65	ppb
Beryllium	9-1	1.04	1.04	1.17	1.08	6.99	ppb
Bismuth	209-1				99		%
Bismuth	209-2				104		%
Boron	10-1	10.72	11.87	12.16	11.58	6.58	ppb
Boron	11-1	11.76	12.14	12.67	12.19	3.74	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.81	0.76	1.08	0.88	19.53	ppb
Cadmium	106-1	-1.82	-2.65	0.93	-1.18		ppb
Cadmium	108-1	1.16	0.85	1.00	1.00	15.09	ppb
Calcium	43-1	500.23	512.73	516.19	509.71	1.65	ppb
Calcium	44-1	504.38	526.42	522.10	517.63	2.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.90	1.93	1.81	1.88	3.42	ppb
Cobalt	59-2	0.97	0.99	0.96	0.98	1.42	ppb
Copper	63-2	2.22	2.12	2.21	2.18	2.55	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				100		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				103		%
Iron	56-2	56.86	54.93	55.14	55.64	1.90	ppb
Iron	57-2	59.75	55.58	57.47	57.60	3.63	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:02:32	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	59.09	56.32	57.42	57.61	2.42	ppb
Krypton	83-1						cps
Lead	206-1	0.78	0.85	0.87	0.83	5.96	ppb
Lead	207-1	0.78	0.82	0.80	0.80	2.51	ppb
Lead	208-1	0.86	0.87	0.90	0.88	1.97	ppb
Lithium	6-1				99		%
Magnesium	24-2	478.44	483.45	477.07	479.65	0.70	ppb
Manganese	55-2	1.07	1.06	1.06	1.06	0.22	ppb
Molybdenum	94-1	5.57	5.62	5.55	5.58	0.64	ppb
Molybdenum	95-1	4.73	4.90	4.47	4.70	4.58	ppb
Molybdenum	96-1	4.76	4.89	4.81	4.82	1.30	ppb
Molybdenum	97-1	4.84	4.80	5.03	4.89	2.54	ppb
Molybdenum	98-1	4.66	4.62	4.78	4.69	1.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	1.00	0.92	0.98	5.61	ppb
Phosphorus	31-2	14.07	1.92	7.81	7.93	76.56	ppb
Potassium	39-2	500.88	502.05	496.41	499.78	0.60	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	82-1	4.64	5.21	4.47	4.77	8.15	ppb
Selenium	77-2	5.07	5.38	5.69	5.38	5.80	ppb
Selenium	78-2	4.95	4.42	4.22	4.53	8.31	ppb
Silicon	28-1	0.89	1.04	0.99	0.97	7.78	ppb
Silver	107-1	1.04	1.04	1.08	1.05	2.34	ppb
Silver	109-1	1.01	1.07	1.05	1.04	3.01	ppb
Sodium	23-2	488.05	490.98	489.26	489.43	0.30	ppb
Strontium	86-1	1.07	1.16	1.04	1.09	5.88	ppb
Strontium	88-1	1.07	1.06	1.10	1.07	2.01	ppb
Sulfur	34-1	47.65	80.01	-4.34	41.11	103.52	ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	0.86	0.81	0.86	0.84	3.37	ppb
Thallium	205-1	0.80	0.81	0.84	0.82	2.92	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:02:32	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	4.69	4.77	4.81	4.76	1.22	ppb
Titanium	47-1	4.62	5.12	4.60	4.78	6.18	ppb
Uranium	238-1	0.68	0.70	0.72	0.70	2.44	ppb
Vanadium	51-2	4.64	4.55	4.64	4.61	1.13	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	2.36	2.23	2.55	2.38	6.79	ppb
Zirconium	90-1	0.91	0.86	0.83	0.87	4.56	ppb
Zirconium	91-1	0.79	0.85	0.76	0.80	5.67	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01	Instrumnet Name :	P7
Client Sample ID :	CF-1	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:19:15	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	183408.14	181193.62	181104.97	181902.24	0.72	ppb
Antimony	121-1	0.05	0.06	0.03	0.05	28.82	ppb
Arsenic	75-2	18.46	18.51	18.13	18.37	1.13	ppb
Barium	135-1	1028.90	1094.92	1140.23	1088.02	5.15	ppb
Barium	137-1	1025.91	1109.13	1134.18	1089.74	5.20	ppb
Beryllium	9-1	9.62	10.18	10.14	9.98	3.10	ppb
Bismuth	209-1				87		%
Bismuth	209-2				89		%
Boron	10-1	2.35	2.56	2.57	2.49	5.06	ppb
Boron	11-1	2.29	2.56	2.56	2.47	6.26	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	2.85	3.18	3.18	3.07	6.28	ppb
Cadmium	106-1	31.32	34.45	36.29	34.02	7.39	ppb
Cadmium	108-1	10.66	10.21	12.89	11.25	12.74	ppb
Calcium	43-1	6269.18	6668.08	6730.14	6555.80	3.82	ppb
Calcium	44-1	5948.72	6312.57	6480.95	6247.41	4.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	115.87	113.63	113.54	114.35	1.15	ppb
Cobalt	59-2	92.47	92.06	91.57	92.03	0.49	ppb
Copper	63-2	275.69	272.90	275.73	274.77	0.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				101		%
Indium	115-1				92		%
Indium	115-2				92		%
Iron	56-2	224210.30	220438.06	221946.18	222198.18	0.85	ppb
Iron	57-2	219719.43	219573.95	217859.19	219050.86	0.47	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01	Instrumnet Name :	P7
Client Sample ID :	CF-1	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:19:15	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	224125.62	219831.35	219759.00	221238.66	1.13	ppb
Krypton	83-1						cps
Lead	206-1	63.67	68.19	68.12	66.66	3.89	ppb
Lead	207-1	54.58	58.15	58.11	56.95	3.59	ppb
Lead	208-1	58.11	62.38	62.27	60.92	4.00	ppb
Lithium	6-1				97		%
Magnesium	24-2	20520.95	20035.14	19845.56	20133.88	1.73	ppb
Manganese	55-2	4839.75	4756.35	4792.58	4796.23	0.87	ppb
Molybdenum	94-1	88.93	94.78	93.54	92.42	3.34	ppb
Molybdenum	95-1	1.84	1.98	1.96	1.93	4.08	ppb
Molybdenum	96-1	15.09	15.81	16.00	15.64	3.05	ppb
Molybdenum	97-1	1.69	2.08	1.86	1.87	10.22	ppb
Molybdenum	98-1	1.72	1.84	1.78	1.78	3.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	83.73	82.46	83.35	83.18	0.79	ppb
Phosphorus	31-2	4750.44	4674.34	4624.93	4683.24	1.35	ppb
Potassium	39-2	4752.47	4625.14	4572.61	4650.07	1.99	ppb
Rhodium	103-1				88		%
Rhodium	103-2				89		%
Scandium	45-1				116		%
Scandium	45-2				112		%
Selenium	82-1	2.92	3.52	3.50	3.31	10.37	ppb
Selenium	77-2	56.79	65.58	64.50	62.29	7.69	ppb
Selenium	78-2	12.61	14.06	12.59	13.09	6.47	ppb
Silicon	28-1	115.20	128.75	119.61	121.19	5.70	ppb
Silver	107-1	0.22	0.25	0.22	0.23	7.30	ppb
Silver	109-1	0.11	0.12	0.12	0.11	7.20	ppb
Sodium	23-2	595.34	587.01	580.93	587.76	1.23	ppb
Strontium	86-1	41.27	44.02	43.15	42.81	3.28	ppb
Strontium	88-1	42.90	43.92	44.02	43.61	1.42	ppb
Sulfur	34-1	-505.40	-473.62	-275.59	-418.21		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.82	0.90	0.86	0.86	5.10	ppb
Thallium	205-1	0.87	0.87	0.86	0.87	0.50	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01	Instrumnet Name :	P7
Client Sample ID :	CF-1	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:19:15	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	1.30	1.21	1.36	1.29	5.62	ppb
Titanium	47-1	2621.41	2772.89	2858.68	2751.00	4.37	ppb
Uranium	238-1	7.61	8.33	8.22	8.05	4.84	ppb
Vanadium	51-2	207.07	205.29	204.88	205.75	0.57	ppb
Yttrium	89-1				151		%
Yttrium	89-2				149		%
Zinc	66-2	349.43	344.83	346.75	347.00	0.67	ppb
Zirconium	90-1	45.59	48.54	49.01	47.71	3.88	ppb
Zirconium	91-1	45.19	48.31	47.93	47.14	3.61	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-03	Instrumnet Name :	P7
Client Sample ID :	CF-2	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:22:00	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	213394.62	215085.61	214638.42	214372.88	0.41	ppb
Antimony	121-1	0.02	0.03	0.02	0.03	21.06	ppb
Arsenic	75-2	9.93	10.08	9.90	9.97	0.98	ppb
Barium	135-1	1534.43	1689.87	1671.37	1631.89	5.20	ppb
Barium	137-1	1534.70	1662.33	1632.56	1609.86	4.15	ppb
Beryllium	9-1	12.99	13.93	14.16	13.69	4.51	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	10-1	1.35	1.80	2.02	1.72	19.80	ppb
Boron	11-1	1.57	1.87	2.02	1.82	12.56	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	2.56	3.07	2.82	2.81	9.07	ppb
Cadmium	106-1	20.05	24.54	21.96	22.19	10.16	ppb
Cadmium	108-1	3.20	3.21	3.60	3.34	6.82	ppb
Calcium	43-1	9917.10	10683.92	10630.57	10410.53	4.11	ppb
Calcium	44-1	9234.74	10072.33	9949.57	9752.21	4.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	213.47	215.76	215.29	214.84	0.56	ppb
Cobalt	59-2	151.68	153.71	153.86	153.08	0.80	ppb
Copper	63-2	495.96	501.26	506.50	501.24	1.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				124		%
Holmium	165-2				120		%
Indium	115-1				113		%
Indium	115-2				109		%
Iron	56-2	244442.98	245967.42	242467.76	244292.72	0.72	ppb
Iron	57-2	241759.18	244403.49	240933.86	242365.51	0.75	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-03	Instrumnet Name :	P7
Client Sample ID :	CF-2	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:22:00	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	239876.46	241397.04	244363.71	241879.07	0.94	ppb
Krypton	83-1						cps
Lead	206-1	39.26	42.61	41.96	41.28	4.32	ppb
Lead	207-1	32.85	35.54	35.70	34.70	4.61	ppb
Lead	208-1	35.47	38.65	38.25	37.46	4.62	ppb
Lithium	6-1				115		%
Magnesium	24-2	24612.48	24779.27	24803.60	24731.79	0.42	ppb
Manganese	55-2	5356.79	5405.65	5428.76	5397.07	0.68	ppb
Molybdenum	94-1	19.59	20.78	20.73	20.37	3.28	ppb
Molybdenum	95-1	0.99	1.02	0.96	0.99	2.84	ppb
Molybdenum	96-1	7.50	8.11	7.82	7.81	3.92	ppb
Molybdenum	97-1	0.97	1.00	0.94	0.97	3.43	ppb
Molybdenum	98-1	0.78	0.84	0.82	0.81	3.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	143.49	145.50	146.18	145.06	0.96	ppb
Phosphorus	31-2	4877.20	4877.58	5174.64	4976.47	3.45	ppb
Potassium	39-2	5247.55	5295.15	5369.10	5303.93	1.15	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				166		%
Scandium	45-2				158		%
Selenium	82-1	2.90	2.95	3.08	2.98	3.10	ppb
Selenium	77-2	56.85	57.43	57.07	57.12	0.51	ppb
Selenium	78-2	11.68	10.37	11.02	11.02	5.95	ppb
Silicon	28-1	94.70	104.14	98.34	99.06	4.80	ppb
Silver	107-1	0.09	0.14	0.11	0.11	22.35	ppb
Silver	109-1	0.08	0.08	0.07	0.08	8.77	ppb
Sodium	23-2	1095.52	1108.45	1117.27	1107.08	0.99	ppb
Strontium	86-1	112.98	118.55	117.90	116.48	2.61	ppb
Strontium	88-1	114.26	120.65	118.46	117.79	2.76	ppb
Sulfur	34-1	-1998.10	-1741.29	-1801.88	-1847.09		ppb
Terbium	159-1				123		%
Terbium	159-2				120		%
Thallium	203-1	1.36	1.41	1.41	1.39	1.90	ppb
Thallium	205-1	1.41	1.43	1.40	1.41	1.02	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-03	Instrumnet Name :	P7
Client Sample ID :	CF-2	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:22:00	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	2.19	2.40	2.32	2.30	4.62	ppb
Titanium	47-1	3031.91	3284.75	3208.47	3175.04	4.08	ppb
Uranium	238-1	4.71	5.12	5.05	4.96	4.37	ppb
Vanadium	51-2	326.78	330.00	330.42	329.07	0.61	ppb
Yttrium	89-1				199		%
Yttrium	89-2				191		%
Zinc	66-2	288.13	292.39	293.05	291.19	0.92	ppb
Zirconium	90-1	9.66	10.54	10.35	10.18	4.58	ppb
Zirconium	91-1	9.46	10.23	10.18	9.96	4.31	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01DUP	Instrumnet Name :	P7
Client Sample ID :	CF-1DUP	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:24:47	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	173787.51	175061.92	174158.28	174335.90	0.38	ppb
Antimony	121-1	0.04	0.06	0.04	0.04	26.80	ppb
Arsenic	75-2	18.13	17.88	17.28	17.76	2.45	ppb
Barium	135-1	1168.66	1031.60	1016.63	1072.30	7.81	ppb
Barium	137-1	1125.89	1043.36	1035.02	1068.09	4.70	ppb
Beryllium	9-1	10.08	9.62	9.53	9.74	3.07	ppb
Bismuth	209-1				85		%
Bismuth	209-2				90		%
Boron	10-1	2.42	2.47	2.31	2.40	3.40	ppb
Boron	11-1	2.71	2.36	2.29	2.46	9.22	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	3.28	2.93	3.05	3.09	5.77	ppb
Cadmium	106-1	36.77	33.02	33.62	34.47	5.85	ppb
Cadmium	108-1	11.41	10.54	10.24	10.73	5.68	ppb
Calcium	43-1	7093.83	6578.09	6611.25	6761.06	4.27	ppb
Calcium	44-1	6820.30	6232.20	6125.39	6392.63	5.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	107.62	106.84	106.70	107.05	0.46	ppb
Cobalt	59-2	88.88	88.36	88.04	88.42	0.48	ppb
Copper	63-2	268.92	267.62	268.02	268.19	0.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				103		%
Indium	115-1				90		%
Indium	115-2				93		%
Iron	56-2	205266.62	206847.38	205378.15	205830.72	0.43	ppb
Iron	57-2	205491.42	206349.60	203712.83	205184.62	0.66	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01DUP	Instrumnet Name :	P7
Client Sample ID :	CF-1DUP	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:24:47	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	208395.60	203826.27	204219.72	205480.53	1.23	ppb
Krypton	83-1						cps
Lead	206-1	69.88	63.25	62.38	65.17	6.30	ppb
Lead	207-1	59.40	54.47	53.39	55.75	5.75	ppb
Lead	208-1	63.75	58.12	57.09	59.65	6.01	ppb
Lithium	6-1				93		%
Magnesium	24-2	18964.80	18671.64	18843.38	18826.61	0.78	ppb
Manganese	55-2	4498.09	4462.69	4440.74	4467.17	0.65	ppb
Molybdenum	94-1	94.94	88.15	89.40	90.83	3.98	ppb
Molybdenum	95-1	1.97	1.81	1.94	1.90	4.41	ppb
Molybdenum	96-1	16.48	14.58	14.74	15.27	6.90	ppb
Molybdenum	97-1	1.96	1.90	1.81	1.89	4.00	ppb
Molybdenum	98-1	1.84	1.75	1.79	1.79	2.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	80.46	79.83	80.42	80.24	0.44	ppb
Phosphorus	31-2	4399.09	4488.00	4435.61	4440.90	1.01	ppb
Potassium	39-2	4439.55	4481.45	4451.72	4457.57	0.48	ppb
Rhodium	103-1				85		%
Rhodium	103-2				90		%
Scandium	45-1				110		%
Scandium	45-2				112		%
Selenium	82-1	3.23	2.82	2.98	3.01	6.87	ppb
Selenium	77-2	53.71	51.94	53.48	53.05	1.81	ppb
Selenium	78-2	13.17	12.19	12.51	12.63	3.96	ppb
Silicon	28-1	120.25	115.39	110.89	115.51	4.05	ppb
Silver	107-1	0.26	0.23	0.23	0.24	6.90	ppb
Silver	109-1	0.11	0.12	0.13	0.12	7.28	ppb
Sodium	23-2	579.18	566.35	573.13	572.89	1.12	ppb
Strontium	86-1	45.78	42.65	43.46	43.96	3.70	ppb
Strontium	88-1	47.01	43.12	43.69	44.61	4.70	ppb
Sulfur	34-1	-128.74	-471.40	-476.29	-358.81		ppb
Terbium	159-1				97		%
Terbium	159-2				101		%
Thallium	203-1	0.87	0.86	0.83	0.85	2.40	ppb
Thallium	205-1	0.90	0.80	0.79	0.83	7.13	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01DUP	Instrumnet Name :	P7
Client Sample ID :	CF-1DUP	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:24:47	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	1.51	1.08	1.15	1.25	18.56	ppb
Titanium	47-1	2756.37	2532.22	2576.09	2621.56	4.53	ppb
Uranium	238-1	8.21	7.53	7.42	7.72	5.56	ppb
Vanadium	51-2	194.95	194.14	194.06	194.39	0.25	ppb
Yttrium	89-1				144		%
Yttrium	89-2				147		%
Zinc	66-2	332.62	334.51	327.50	331.54	1.09	ppb
Zirconium	90-1	48.55	45.34	46.20	46.70	3.56	ppb
Zirconium	91-1	48.60	45.70	45.40	46.57	3.80	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01LX5	Instrumnet Name :	P7
Client Sample ID :	CF-1L	Dilution Factor :	5
Date & Time Acquired :	2023-02-22 13:27:33	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42057.07	42022.67	42567.33	42215.69	0.72	ppb
Antimony	121-1	0.01	0.02	0.01	0.01	27.96	ppb
Arsenic	75-2	5.54	5.70	5.74	5.66	1.85	ppb
Barium	135-1	215.79	217.17	218.32	217.09	0.58	ppb
Barium	137-1	214.60	217.50	221.53	217.88	1.60	ppb
Beryllium	9-1	2.23	2.17	2.15	2.18	1.89	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	0.89	0.93	1.00	0.94	6.30	ppb
Boron	11-1	1.08	1.18	1.08	1.11	5.20	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.81	0.83	0.67	0.77	11.70	ppb
Cadmium	106-1	8.94	9.24	6.80	8.33	15.96	ppb
Cadmium	108-1	2.40	2.63	2.06	2.36	12.21	ppb
Calcium	43-1	1476.41	1566.22	1532.89	1525.18	2.98	ppb
Calcium	44-1	1513.16	1559.94	1538.79	1537.30	1.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	26.60	26.36	26.49	26.48	0.47	ppb
Cobalt	59-2	21.94	21.82	21.83	21.86	0.30	ppb
Copper	63-2	68.48	68.31	68.07	68.29	0.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	52468.08	52284.36	52194.64	52315.69	0.27	ppb
Iron	57-2	51619.36	51020.90	52071.34	51570.53	1.02	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01LX5	Instrumnet Name :	P7
Client Sample ID :	CF-1L	Dilution Factor :	5
Date & Time Acquired :	2023-02-22 13:27:33	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	51358.24	50981.99	51758.23	51366.15	0.76	ppb
Krypton	83-1						cps
Lead	206-1	12.76	13.13	13.10	13.00	1.56	ppb
Lead	207-1	11.01	11.25	11.14	11.13	1.06	ppb
Lead	208-1	11.74	12.01	11.96	11.90	1.21	ppb
Lithium	6-1				99		%
Magnesium	24-2	4714.74	4615.32	4719.67	4683.24	1.26	ppb
Manganese	55-2	1115.32	1123.97	1126.29	1121.86	0.52	ppb
Molybdenum	94-1	26.09	25.96	26.13	26.06	0.34	ppb
Molybdenum	95-1	0.57	0.54	0.65	0.59	9.34	ppb
Molybdenum	96-1	4.32	4.48	4.50	4.43	2.31	ppb
Molybdenum	97-1	0.61	0.64	0.63	0.63	2.95	ppb
Molybdenum	98-1	0.56	0.50	0.51	0.52	6.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	20.49	20.71	19.96	20.38	1.89	ppb
Phosphorus	31-2	1146.50	1097.17	1154.76	1132.81	2.75	ppb
Potassium	39-2	1134.07	1128.45	1141.97	1134.83	0.60	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	82-1	1.10	0.89	1.24	1.08	16.33	ppb
Selenium	77-2	18.80	14.27	18.43	17.17	14.67	ppb
Selenium	78-2	3.24	3.01	3.52	3.26	7.87	ppb
Silicon	28-1	34.37	39.37	44.81	39.52	13.21	ppb
Silver	107-1	0.05	0.06	0.06	0.06	6.44	ppb
Silver	109-1	0.03	0.02	0.02	0.02	27.77	ppb
Sodium	23-2	138.16	137.27	137.50	137.64	0.34	ppb
Strontium	86-1	12.34	12.57	12.60	12.50	1.15	ppb
Strontium	88-1	12.38	12.52	12.45	12.45	0.58	ppb
Sulfur	34-1	-571.30	-502.04	-530.38	-534.57		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.21	0.19	0.19	0.20	5.72	ppb
Thallium	205-1	0.19	0.19	0.19	0.19	0.97	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01LX5	Instrumnet Name :	P7
Client Sample ID :	CF-1L	Dilution Factor :	5
Date & Time Acquired :	2023-02-22 13:27:33	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.28	0.56	0.15	0.33	64.55	ppb
Titanium	47-1	640.30	646.28	654.63	647.07	1.11	ppb
Uranium	238-1	1.48	1.52	1.55	1.52	2.29	ppb
Vanadium	51-2	47.65	46.92	47.65	47.41	0.90	ppb
Yttrium	89-1				113		%
Yttrium	89-2				111		%
Zinc	66-2	93.06	92.05	94.99	93.37	1.60	ppb
Zirconium	90-1	13.54	13.53	13.72	13.59	0.78	ppb
Zirconium	91-1	13.47	13.34	13.35	13.39	0.55	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01MS	Instrumnet Name :	P7
Client Sample ID :	CF-1MS	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:30:23	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	203871.13	203792.82	205166.31	204276.75	0.38	ppb
Antimony	121-1	183.14	190.24	186.16	186.51	1.91	ppb
Arsenic	75-2	389.93	390.94	389.19	390.02	0.23	ppb
Barium	135-1	3401.71	3513.38	3412.16	3442.42	1.79	ppb
Barium	137-1	3422.38	3489.88	3423.26	3445.17	1.12	ppb
Beryllium	9-1	536.20	560.97	565.23	554.13	2.83	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	198.05	211.56	219.71	209.77	5.21	ppb
Boron	11-1	201.68	214.14	224.53	213.45	5.36	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	514.03	530.88	526.85	523.92	1.68	ppb
Cadmium	106-1	451.74	471.84	456.64	460.07	2.28	ppb
Cadmium	108-1	440.33	465.56	459.82	455.24	2.90	ppb
Calcium	43-1	50756.22	51674.19	51341.58	51257.33	0.91	ppb
Calcium	44-1	50518.34	52024.91	50289.13	50944.12	1.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	576.94	580.94	580.91	579.59	0.40	ppb
Cobalt	59-2	530.72	537.05	534.52	534.09	0.60	ppb
Copper	63-2	4343.56	4395.00	4308.15	4348.91	1.00	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				120		%
Holmium	165-2				118		%
Indium	115-1				109		%
Indium	115-2				104		%
Iron	56-2	273032.44	274715.44	275986.75	274578.21	0.54	ppb
Iron	57-2	274817.83	276281.47	272875.43	274658.24	0.62	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01MS	Instrumnet Name :	P7
Client Sample ID :	CF-1MS	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:30:23	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	275932.85	275716.01	274994.19	275547.68	0.18	ppb
Krypton	83-1						cps
Lead	206-1	2465.77	2575.80	2542.75	2528.11	2.23	ppb
Lead	207-1	2412.47	2505.62	2482.61	2466.90	1.97	ppb
Lead	208-1	2429.58	2543.97	2505.63	2493.06	2.34	ppb
Lithium	6-1				114		%
Magnesium	24-2	80595.97	80744.80	80659.41	80666.73	0.09	ppb
Manganese	55-2	9105.74	9148.66	9131.67	9128.69	0.24	ppb
Molybdenum	94-1	1270.53	1291.15	1328.78	1296.82	2.28	ppb
Molybdenum	95-1	1188.80	1205.82	1211.43	1202.02	0.98	ppb
Molybdenum	96-1	1210.82	1231.90	1237.13	1226.62	1.14	ppb
Molybdenum	97-1	1205.68	1226.73	1227.66	1220.02	1.02	ppb
Molybdenum	98-1	1195.21	1212.72	1212.96	1206.96	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	515.15	523.70	519.02	519.29	0.82	ppb
Phosphorus	31-2	4201.51	4116.25	4199.70	4172.49	1.17	ppb
Potassium	39-2	22651.44	22831.16	23091.82	22858.14	0.97	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				134		%
Scandium	45-2				127		%
Selenium	82-1	384.26	398.28	400.69	394.41	2.25	ppb
Selenium	77-2	438.77	472.52	457.49	456.26	3.71	ppb
Selenium	78-2	407.86	409.57	410.43	409.29	0.32	ppb
Silicon	28-1	313.24	322.50	318.28	318.01	1.46	ppb
Silver	107-1	1.17	1.26	1.25	1.23	4.19	ppb
Silver	109-1	0.80	0.87	0.83	0.84	4.08	ppb
Sodium	23-2	45699.93	45488.38	46094.64	45760.98	0.67	ppb
Strontium	86-1	390.70	398.06	390.70	393.15	1.08	ppb
Strontium	88-1	384.06	385.62	386.91	385.53	0.37	ppb
Sulfur	34-1	-946.18	-903.67	-819.79	-889.88		ppb
Terbium	159-1				119		%
Terbium	159-2				115		%
Thallium	203-1	499.45	509.58	503.78	504.27	1.01	ppb
Thallium	205-1	493.68	504.32	502.55	500.19	1.14	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01MS	Instrumnet Name :	P7
Client Sample ID :	CF-1MS	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:30:23	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	382.78	398.26	388.73	389.92	2.00	ppb
Titanium	47-1	3922.20	4013.83	3931.73	3955.92	1.27	ppb
Uranium	238-1	504.35	516.17	513.90	511.48	1.23	ppb
Vanadium	51-2	665.40	681.26	672.64	673.10	1.18	ppb
Yttrium	89-1				167		%
Yttrium	89-2				161		%
Zinc	66-2	5151.02	5244.30	5117.56	5170.96	1.27	ppb
Zirconium	90-1	167.77	171.78	170.63	170.06	1.21	ppb
Zirconium	91-1	164.53	168.27	169.47	167.42	1.54	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01MSD	Instrumnet Name :	P7
Client Sample ID :	CF-1MSD	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:32:59	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	179997.59	180584.42	190967.99	183850.00	3.36	ppb
Antimony	121-1	244.41	247.51	245.44	245.79	0.64	ppb
Arsenic	75-2	374.38	390.92	403.84	389.71	3.79	ppb
Barium	135-1	3556.94	3593.69	3527.43	3559.35	0.93	ppb
Barium	137-1	3526.86	3620.85	3516.59	3554.76	1.62	ppb
Beryllium	9-1	568.64	569.13	585.86	574.54	1.71	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	214.13	221.68	229.92	221.91	3.56	ppb
Boron	11-1	217.98	225.95	233.94	225.96	3.53	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	536.86	546.17	534.64	539.22	1.13	ppb
Cadmium	106-1	503.65	507.08	493.50	501.41	1.41	ppb
Cadmium	108-1	485.48	493.65	488.36	489.17	0.85	ppb
Calcium	43-1	52738.88	52670.63	53873.20	53094.24	1.27	ppb
Calcium	44-1	51919.60	52371.02	52077.35	52122.66	0.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	541.32	544.32	570.66	552.10	2.92	ppb
Cobalt	59-2	503.73	522.92	537.55	521.40	3.25	ppb
Copper	63-2	4326.20	4408.58	4587.32	4440.70	3.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				115		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	219006.38	221704.65	231841.00	224184.01	3.02	ppb
Iron	57-2	217724.90	219346.47	231454.70	222842.02	3.37	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01MSD	Instrumnet Name :	P7
Client Sample ID :	CF-1MSD	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:32:59	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	213774.01	221367.92	229783.14	221641.69	3.61	ppb
Krypton	83-1						cps
Lead	206-1	2571.57	2572.68	2603.45	2582.57	0.70	ppb
Lead	207-1	2486.36	2485.44	2500.14	2490.65	0.33	ppb
Lead	208-1	2533.83	2549.17	2551.67	2544.89	0.38	ppb
Lithium	6-1				111		%
Magnesium	24-2	63332.74	63975.71	66642.49	64650.31	2.71	ppb
Manganese	55-2	8826.68	9062.50	9393.02	9094.06	3.13	ppb
Molybdenum	94-1	1419.72	1452.97	1434.14	1435.61	1.16	ppb
Molybdenum	95-1	1204.16	1219.71	1220.92	1214.93	0.77	ppb
Molybdenum	96-1	1223.85	1241.05	1233.69	1232.87	0.70	ppb
Molybdenum	97-1	1199.23	1238.75	1229.70	1222.56	1.69	ppb
Molybdenum	98-1	1199.44	1226.59	1204.65	1210.23	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.15	504.06	529.65	509.62	3.51	ppb
Phosphorus	31-2	4134.22	4140.39	4401.64	4225.42	3.61	ppb
Potassium	39-2	22795.96	22853.32	24095.20	23248.16	3.16	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				129		%
Scandium	45-2				124		%
Selenium	82-1	386.53	395.32	394.59	392.15	1.24	ppb
Selenium	77-2	444.52	455.44	468.02	455.99	2.58	ppb
Selenium	78-2	396.54	407.69	418.12	407.45	2.65	ppb
Silicon	28-1	312.80	316.84	311.82	313.82	0.85	ppb
Silver	107-1	1.49	1.51	1.43	1.48	3.05	ppb
Silver	109-1	0.85	0.88	0.87	0.87	1.75	ppb
Sodium	23-2	44482.40	44869.13	47468.14	45606.56	3.56	ppb
Strontium	86-1	383.49	386.40	380.54	383.48	0.76	ppb
Strontium	88-1	376.45	379.26	379.27	378.33	0.43	ppb
Sulfur	34-1	-943.84	-936.21	-880.42	-920.15		ppb
Terbium	159-1				115		%
Terbium	159-2				113		%
Thallium	203-1	519.00	505.59	518.19	514.26	1.46	ppb
Thallium	205-1	510.49	507.73	512.61	510.28	0.48	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01MSD	Instrumnet Name :	P7
Client Sample ID :	CF-1MSD	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:32:59	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	416.27	428.44	423.76	422.82	1.45	ppb
Titanium	47-1	4073.76	4105.37	4086.93	4088.69	0.39	ppb
Uranium	238-1	521.67	527.02	537.37	528.69	1.51	ppb
Vanadium	51-2	611.80	623.28	654.80	629.96	3.53	ppb
Yttrium	89-1				167		%
Yttrium	89-2				162		%
Zinc	66-2	4977.74	5187.07	5373.50	5179.44	3.82	ppb
Zirconium	90-1	237.08	242.90	241.05	240.34	1.24	ppb
Zirconium	91-1	233.02	240.26	238.56	237.28	1.60	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01A	Instrumnet Name :	P7
Client Sample ID :	CF-1A	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:35:50	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	197794.90	198265.70	200230.13	198763.58	0.65	ppb
Antimony	121-1	172.14	176.31	180.55	176.34	2.38	ppb
Arsenic	75-2	385.56	385.65	389.49	386.90	0.58	ppb
Barium	135-1	3424.46	3478.16	3553.90	3485.51	1.87	ppb
Barium	137-1	3463.62	3506.56	3517.50	3495.89	0.81	ppb
Beryllium	9-1	545.64	554.49	567.91	556.01	2.02	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	209.21	222.10	234.73	222.01	5.75	ppb
Boron	11-1	212.95	222.31	236.57	223.95	5.31	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	519.74	531.96	538.33	530.01	1.78	ppb
Cadmium	106-1	466.94	473.52	479.19	473.22	1.30	ppb
Cadmium	108-1	445.17	465.43	476.64	462.42	3.45	ppb
Calcium	43-1	50797.88	51782.32	52595.59	51725.26	1.74	ppb
Calcium	44-1	50622.32	51640.04	52278.34	51513.56	1.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	563.14	573.75	570.27	569.06	0.95	ppb
Cobalt	59-2	523.00	527.57	537.76	529.44	1.43	ppb
Copper	63-2	4298.99	4362.82	4396.41	4352.74	1.14	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				115		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	261441.91	265891.38	264880.08	264071.13	0.88	ppb
Iron	57-2	260145.44	262393.80	263064.75	261868.00	0.58	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01A	Instrumnet Name :	P7
Client Sample ID :	CF-1A	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:35:50	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	258209.33	261457.88	263849.29	261172.16	1.08	ppb
Krypton	83-1						cps
Lead	206-1	2562.25	2600.99	2595.28	2586.17	0.81	ppb
Lead	207-1	2484.70	2542.02	2507.95	2511.56	1.15	ppb
Lead	208-1	2522.76	2562.89	2551.30	2545.65	0.81	ppb
Lithium	6-1				111		%
Magnesium	24-2	75825.63	75814.78	76738.13	76126.18	0.70	ppb
Manganese	55-2	9009.30	9076.62	9179.38	9088.43	0.94	ppb
Molybdenum	94-1	1369.33	1402.74	1412.16	1394.74	1.61	ppb
Molybdenum	95-1	1255.21	1282.12	1289.64	1275.66	1.42	ppb
Molybdenum	96-1	1271.86	1304.68	1313.24	1296.59	1.68	ppb
Molybdenum	97-1	1275.59	1288.81	1318.37	1294.26	1.69	ppb
Molybdenum	98-1	1252.38	1299.39	1291.41	1281.06	1.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.76	510.13	516.34	510.41	1.14	ppb
Phosphorus	31-2	4103.00	4198.91	4160.29	4154.07	1.16	ppb
Potassium	39-2	22666.45	23149.39	23091.97	22969.27	1.15	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				131		%
Scandium	45-2				125		%
Selenium	82-1	384.76	398.61	400.80	394.72	2.20	ppb
Selenium	77-2	453.36	438.50	457.25	449.70	2.20	ppb
Selenium	78-2	402.84	402.78	405.78	403.80	0.42	ppb
Silicon	28-1	310.67	313.74	322.60	315.67	1.96	ppb
Silver	107-1	412.25	425.39	420.53	419.39	1.58	ppb
Silver	109-1	455.46	459.00	422.37	445.61	4.53	ppb
Sodium	23-2	45002.37	45724.79	45205.36	45310.84	0.82	ppb
Strontium	86-1	389.11	391.29	394.00	391.47	0.63	ppb
Strontium	88-1	382.70	386.66	389.03	386.13	0.83	ppb
Sulfur	34-1	-1091.00	-1102.59	-993.38	-1062.32		ppb
Terbium	159-1				117		%
Terbium	159-2				114		%
Thallium	203-1	515.80	520.26	514.10	516.72	0.62	ppb
Thallium	205-1	506.87	518.06	517.35	514.09	1.22	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01A	Instrumnet Name :	P7
Client Sample ID :	CF-1A	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:35:50	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	354.94	370.62	378.29	367.95	3.23	ppb
Titanium	47-1	3934.29	3990.18	4095.21	4006.56	2.04	ppb
Uranium	238-1	506.05	526.81	520.46	517.78	2.05	ppb
Vanadium	51-2	653.59	658.85	681.02	664.49	2.19	ppb
Yttrium	89-1				164		%
Yttrium	89-2				159		%
Zinc	66-2	5079.35	5136.50	5167.53	5127.79	0.87	ppb
Zirconium	90-1	185.89	191.41	192.39	189.90	1.84	ppb
Zirconium	91-1	183.53	189.74	188.82	187.36	1.79	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01DLX5	Instrumnet Name :	P7
Client Sample ID :	CF-1DL	Dilution Factor :	5
Date & Time Acquired :	2023-02-22 13:43:21	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41247.11	40188.00	40011.11	40482.07	1.65	ppb
Antimony	121-1	0.08	0.11	0.08	0.09	19.47	ppb
Arsenic	75-2	5.26	5.36	5.10	5.24	2.47	ppb
Barium	135-1	185.73	206.72	207.47	199.97	6.17	ppb
Barium	137-1	188.66	204.73	211.93	201.78	5.91	ppb
Beryllium	9-1	2.03	2.16	2.13	2.11	3.17	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	3.93	3.29	3.88	3.70	9.62	ppb
Boron	11-1	4.03	4.04	4.21	4.09	2.57	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.28	0.56	0.54	0.46	34.41	ppb
Cadmium	106-1	2.72	6.14	5.71	4.86	38.34	ppb
Cadmium	108-1	2.14	2.42	2.20	2.25	6.70	ppb
Calcium	43-1	1279.37	1473.89	1480.30	1411.18	8.09	ppb
Calcium	44-1	1313.51	1474.68	1466.38	1418.19	6.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.40	25.28	25.17	25.28	0.46	ppb
Cobalt	59-2	21.23	20.65	20.36	20.74	2.13	ppb
Copper	63-2	66.60	64.89	64.20	65.23	1.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	51198.98	49509.43	48895.44	49867.95	2.39	ppb
Iron	57-2	50570.08	49069.09	49316.26	49651.81	1.62	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01DLX5	Instrumnet Name :	P7
Client Sample ID :	CF-1DL	Dilution Factor :	5
Date & Time Acquired :	2023-02-22 13:43:21	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	50871.69	49366.72	49465.68	49901.37	1.69	ppb
Krypton	83-1						cps
Lead	206-1	11.10	12.71	12.18	12.00	6.84	ppb
Lead	207-1	9.64	10.92	10.54	10.37	6.32	ppb
Lead	208-1	10.21	11.50	11.27	10.99	6.27	ppb
Lithium	6-1				103		%
Magnesium	24-2	4561.82	4442.10	4405.59	4469.84	1.83	ppb
Manganese	55-2	1102.70	1075.77	1044.55	1074.34	2.71	ppb
Molybdenum	94-1	23.26	25.32	26.62	25.07	6.76	ppb
Molybdenum	95-1	0.61	0.64	0.62	0.62	2.31	ppb
Molybdenum	96-1	3.92	4.37	4.40	4.23	6.37	ppb
Molybdenum	97-1	0.68	0.73	0.65	0.68	5.74	ppb
Molybdenum	98-1	0.63	0.57	0.61	0.60	5.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.92	18.83	19.21	19.32	2.84	ppb
Phosphorus	31-2	1100.32	1143.83	1062.05	1102.07	3.71	ppb
Potassium	39-2	1102.61	1086.04	1074.11	1087.59	1.32	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				107		%
Scandium	45-2				101		%
Selenium	82-1	0.70	0.85	1.25	0.93	30.42	ppb
Selenium	77-2	15.11	11.27	15.48	13.96	16.69	ppb
Selenium	78-2	3.48	3.20	2.84	3.17	10.19	ppb
Silicon	28-1	30.39	39.41	38.11	35.97	13.55	ppb
Silver	107-1	0.25	0.08	0.07	0.13	77.26	ppb
Silver	109-1	0.24	0.07	0.06	0.12	84.04	ppb
Sodium	23-2	138.95	136.46	133.28	136.23	2.09	ppb
Strontium	86-1	10.70	12.09	11.85	11.55	6.43	ppb
Strontium	88-1	10.88	11.74	12.00	11.54	5.09	ppb
Sulfur	34-1	-854.45	-497.32	-515.91	-622.56		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.17	0.18	0.18	0.18	4.44	ppb
Thallium	205-1	0.17	0.18	0.19	0.18	5.65	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01DLX5	Instrumnet Name :	P7
Client Sample ID :	CF-1DL	Dilution Factor :	5
Date & Time Acquired :	2023-02-22 13:43:21	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.40	0.18	0.22	0.27	42.96	ppb
Titanium	47-1	554.24	622.07	634.06	603.46	7.13	ppb
Uranium	238-1	1.30	1.49	1.45	1.41	6.82	ppb
Vanadium	51-2	46.55	45.36	44.49	45.46	2.27	ppb
Yttrium	89-1				112		%
Yttrium	89-2				111		%
Zinc	66-2	90.17	87.50	87.38	88.35	1.79	ppb
Zirconium	90-1	11.88	12.83	13.19	12.63	5.36	ppb
Zirconium	91-1	11.27	12.88	13.21	12.45	8.34	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-03DLX5	Instrumnet Name :	P7
Client Sample ID :	CF-2DL	Dilution Factor :	5
Date & Time Acquired :	2023-02-22 13:46:08	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54405.92	54226.22	54902.84	54511.66	0.64	ppb
Antimony	121-1	0.02	0.03	0.04	0.03	31.70	ppb
Arsenic	75-2	2.84	2.83	2.80	2.82	0.75	ppb
Barium	135-1	298.03	308.96	312.65	306.54	2.48	ppb
Barium	137-1	299.52	308.97	313.05	307.18	2.26	ppb
Beryllium	9-1	2.68	2.71	2.89	2.76	4.10	ppb
Bismuth	209-1				99		%
Bismuth	209-2				102		%
Boron	10-1	3.17	2.99	2.85	3.00	5.31	ppb
Boron	11-1	3.09	3.31	3.04	3.15	4.57	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.64	0.61	0.53	0.59	9.41	ppb
Cadmium	106-1	5.21	4.73	3.67	4.54	17.36	ppb
Cadmium	108-1	0.66	0.58	0.84	0.69	19.19	ppb
Calcium	43-1	2589.57	2630.27	2624.93	2614.92	0.85	ppb
Calcium	44-1	2606.86	2619.45	2627.67	2617.99	0.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	54.31	53.59	54.47	54.12	0.86	ppb
Cobalt	59-2	40.10	38.92	39.52	39.51	1.49	ppb
Copper	63-2	133.52	131.57	133.66	132.92	0.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	63465.83	62432.89	63600.32	63166.35	1.01	ppb
Iron	57-2	63205.57	61859.32	62624.85	62563.25	1.08	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-03DLX5	Instrumnet Name :	P7
Client Sample ID :	CF-2DL	Dilution Factor :	5
Date & Time Acquired :	2023-02-22 13:46:08	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	62091.00	61587.40	63294.06	62324.15	1.41	ppb
Krypton	83-1						cps
Lead	206-1	7.46	7.86	7.80	7.71	2.77	ppb
Lead	207-1	6.28	6.53	6.45	6.42	1.99	ppb
Lead	208-1	6.73	7.08	6.97	6.92	2.57	ppb
Lithium	6-1				101		%
Magnesium	24-2	6308.70	6211.90	6272.34	6264.31	0.78	ppb
Manganese	55-2	1366.58	1389.05	1404.18	1386.60	1.36	ppb
Molybdenum	94-1	5.78	5.85	5.80	5.81	0.68	ppb
Molybdenum	95-1	0.37	0.34	0.32	0.34	6.90	ppb
Molybdenum	96-1	2.37	2.52	2.25	2.38	5.60	ppb
Molybdenum	97-1	0.28	0.37	0.35	0.33	14.75	ppb
Molybdenum	98-1	0.29	0.28	0.33	0.30	8.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.17	38.50	39.69	39.12	1.53	ppb
Phosphorus	31-2	1210.45	1168.04	1222.97	1200.49	2.40	ppb
Potassium	39-2	1431.95	1410.19	1434.22	1425.46	0.93	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				110		%
Scandium	45-2				108		%
Selenium	82-1	0.95	0.89	1.15	1.00	13.80	ppb
Selenium	77-2	15.15	16.97	10.82	14.31	22.08	ppb
Selenium	78-2	2.50	3.32	3.46	3.09	16.74	ppb
Silicon	28-1	35.37	37.38	37.32	36.69	3.12	ppb
Silver	107-1	0.05	0.05	0.03	0.04	19.74	ppb
Silver	109-1	0.05	0.03	0.05	0.04	20.23	ppb
Sodium	23-2	279.79	274.24	278.76	277.60	1.06	ppb
Strontium	86-1	33.50	34.71	33.62	33.94	1.96	ppb
Strontium	88-1	33.28	34.55	33.89	33.91	1.88	ppb
Sulfur	34-1	-828.54	-789.24	-686.44	-768.07		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.24	0.27	0.27	0.26	7.78	ppb
Thallium	205-1	0.25	0.26	0.27	0.26	4.00	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-03DLX5	Instrumnet Name :	P7
Client Sample ID :	CF-2DL	Dilution Factor :	5
Date & Time Acquired :	2023-02-22 13:46:08	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.40	0.36	0.44	0.40	9.67	ppb
Titanium	47-1	816.99	825.16	828.99	823.71	0.74	ppb
Uranium	238-1	0.86	0.87	0.89	0.87	1.83	ppb
Vanadium	51-2	81.55	79.67	81.93	81.05	1.50	ppb
Yttrium	89-1				115		%
Yttrium	89-2				115		%
Zinc	66-2	79.36	77.56	78.22	78.38	1.16	ppb
Zirconium	90-1	2.83	3.00	2.93	2.92	2.94	ppb
Zirconium	91-1	2.90	3.05	2.72	2.89	5.66	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	CCV55	Instrumnet Name :	P7
Client Sample ID :	CCV55	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:51:15	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49718.23	50881.29	50602.40	50400.64	1.20	ppb
Antimony	121-1	464.15	466.58	476.30	469.01	1.37	ppb
Arsenic	75-2	455.74	468.99	468.59	464.44	1.62	ppb
Barium	135-1	2433.37	2462.94	2468.27	2454.86	0.77	ppb
Barium	137-1	2406.04	2409.14	2499.95	2438.38	2.19	ppb
Beryllium	9-1	477.11	483.34	483.34	481.27	0.75	ppb
Bismuth	209-1				75		%
Bismuth	209-2				76		%
Boron	10-1	749.67	794.21	803.02	782.30	3.66	ppb
Boron	11-1	756.47	780.61	813.66	783.58	3.66	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	447.16	452.53	459.37	453.02	1.35	ppb
Cadmium	106-1	469.36	469.58	477.62	472.19	1.00	ppb
Cadmium	108-1	465.38	466.89	473.14	468.47	0.88	ppb
Calcium	43-1	242431.52	249303.88	258035.55	249923.65	3.13	ppb
Calcium	44-1	243564.24	247241.53	255492.03	248765.94	2.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	480.93	494.05	486.09	487.02	1.36	ppb
Cobalt	59-2	482.76	489.71	476.34	482.94	1.39	ppb
Copper	63-2	4580.21	4675.26	4626.41	4627.29	1.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				88		%
Holmium	165-2				91		%
Indium	115-1				81		%
Indium	115-2				81		%
Iron	56-2	127192.79	131682.34	129714.84	129529.99	1.74	ppb
Iron	57-2	126958.97	130779.06	129724.98	129154.34	1.53	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	CCV55	Instrumnet Name :	P7
Client Sample ID :	CCV55	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:51:15	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	127893.35	130288.48	128604.12	128928.65	0.95	ppb
Krypton	83-1						cps
Lead	206-1	2529.09	2571.93	2534.65	2545.22	0.92	ppb
Lead	207-1	2475.29	2521.91	2560.86	2519.35	1.70	ppb
Lead	208-1	2498.22	2521.12	2554.63	2524.66	1.12	ppb
Lithium	6-1				84		%
Magnesium	24-2	239784.97	247526.74	250637.13	245982.94	2.27	ppb
Manganese	55-2	4755.06	4812.84	4758.72	4775.54	0.68	ppb
Molybdenum	94-1	4775.22	4883.95	4937.70	4865.62	1.70	ppb
Molybdenum	95-1	4822.04	4909.67	4939.65	4890.45	1.25	ppb
Molybdenum	96-1	4822.88	4946.49	4886.40	4885.26	1.27	ppb
Molybdenum	97-1	4802.18	4975.47	4866.05	4881.23	1.80	ppb
Molybdenum	98-1	4791.87	4928.77	4903.34	4874.66	1.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	462.07	470.25	462.68	465.00	0.98	ppb
Phosphorus	31-2	9493.67	9984.12	9533.62	9670.47	2.82	ppb
Potassium	39-2	122372.18	125729.56	124182.52	124094.75	1.35	ppb
Rhodium	103-1				75		%
Rhodium	103-2				77		%
Scandium	45-1				88		%
Scandium	45-2				86		%
Selenium	82-1	461.01	473.31	472.01	468.78	1.44	ppb
Selenium	77-2	457.06	469.13	476.60	467.60	2.11	ppb
Selenium	78-2	460.73	465.16	473.29	466.40	1.37	ppb
Silicon	28-1	922.75	932.26	969.75	941.59	2.64	ppb
Silver	107-1	447.25	450.10	460.15	452.50	1.50	ppb
Silver	109-1	453.34	452.40	471.07	458.94	2.29	ppb
Sodium	23-2	245984.73	253233.67	250532.88	249917.09	1.47	ppb
Strontium	86-1	12093.00	12267.85	12068.12	12142.99	0.90	ppb
Strontium	88-1	12170.83	12254.64	12279.41	12234.96	0.47	ppb
Sulfur	34-1	9309.79	9696.22	9761.50	9589.17	2.55	ppb
Terbium	159-1				88		%
Terbium	159-2				90		%
Thallium	203-1	513.22	521.82	518.71	517.92	0.84	ppb
Thallium	205-1	506.23	508.21	512.64	509.03	0.65	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	CCV55	Instrumnet Name :	P7
Client Sample ID :	CCV55	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:51:15	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	477.88	481.74	497.98	485.87	2.20	ppb
Titanium	47-1	4803.43	4816.67	4990.73	4870.27	2.15	ppb
Uranium	238-1	494.48	508.97	510.88	504.78	1.78	ppb
Vanadium	51-2	481.41	495.20	487.42	488.01	1.42	ppb
Yttrium	89-1				86		%
Yttrium	89-2				87		%
Zinc	66-2	4605.42	4610.19	4730.13	4648.58	1.52	ppb
Zirconium	90-1	491.20	505.20	495.13	497.18	1.45	ppb
Zirconium	91-1	485.60	493.59	491.44	490.21	0.84	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	CCB55	Instrumnet Name :	P7
Client Sample ID :	CCB55	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:57:32	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.00	4.39	3.78	4.39	13.83	ppb
Antimony	121-1	0.16	0.19	0.20	0.18	10.93	ppb
Arsenic	75-2	0.04	0.05	0.03	0.04	33.42	ppb
Barium	135-1	0.08	0.09	0.08	0.08	3.27	ppb
Barium	137-1	0.07	0.08	0.09	0.08	11.48	ppb
Beryllium	9-1	0.06	0.09	0.07	0.07	18.76	ppb
Bismuth	209-1				94		%
Bismuth	209-2				98		%
Boron	10-1	7.50	7.36	6.94	7.26	4.01	ppb
Boron	11-1	7.90	7.71	7.25	7.62	4.37	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.07	-0.02	-0.05	-0.05		ppb
Cadmium	106-1	-1.17	-0.38	-0.80	-0.79		ppb
Cadmium	108-1	0.07	0.05	-0.07	0.02	483.18	ppb
Calcium	43-1	9.31	3.22	7.82	6.78	46.81	ppb
Calcium	44-1	6.19	4.74	5.03	5.32	14.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.01	-0.03	-0.02		ppb
Cobalt	59-2	0.03	0.02	0.01	0.02	32.06	ppb
Copper	63-2	0.20	0.17	0.18	0.18	10.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	8.60	8.08	7.68	8.12	5.63	ppb
Iron	57-2	8.94	7.30	7.85	8.03	10.37	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	CCB55	Instrumnet Name :	P7
Client Sample ID :	CCB55	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:57:32	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	11.04	11.23	8.40	10.22	15.49	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.08	0.08	0.08	4.09	ppb
Lead	207-1	0.09	0.07	0.07	0.08	15.42	ppb
Lead	208-1	0.09	0.08	0.08	0.08	7.06	ppb
Lithium	6-1				95		%
Magnesium	24-2	5.87	5.49	5.41	5.59	4.39	ppb
Manganese	55-2	0.26	0.22	0.20	0.23	15.23	ppb
Molybdenum	94-1	0.21	0.11	0.12	0.15	36.45	ppb
Molybdenum	95-1	0.24	0.23	0.19	0.22	10.30	ppb
Molybdenum	96-1	0.19	0.19	0.21	0.20	7.65	ppb
Molybdenum	97-1	0.15	0.24	0.11	0.17	40.51	ppb
Molybdenum	98-1	0.16	0.18	0.20	0.18	11.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	0.02	0.00	3036.31	ppb
Phosphorus	31-2	-5.11	-14.20	-0.54	-6.62		ppb
Potassium	39-2	9.29	6.74	8.31	8.12	15.83	ppb
Rhodium	103-1				95		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	0.05	-0.10	-0.29	-0.12		ppb
Selenium	77-2	-0.10	0.20	-0.10	0.00	5951.56	ppb
Selenium	78-2	-0.43	-0.39	1.51	0.23	484.61	ppb
Silicon	28-1	0.10	0.15	0.14	0.13	19.62	ppb
Silver	107-1	0.02	0.02	0.02	0.02	8.72	ppb
Silver	109-1	0.03	0.02	0.04	0.03	23.47	ppb
Sodium	23-2	28.36	26.32	26.85	27.18	3.88	ppb
Strontium	86-1	0.30	0.23	0.23	0.25	17.31	ppb
Strontium	88-1	0.30	0.26	0.26	0.27	7.61	ppb
Sulfur	34-1	43.33	18.46	56.83	39.54	49.23	ppb
Terbium	159-1				96		%
Terbium	159-2				98		%
Thallium	203-1	0.02	0.03	0.02	0.02	25.55	ppb
Thallium	205-1	0.03	0.03	0.02	0.02	15.72	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	CCB55	Instrumnet Name :	P7
Client Sample ID :	CCB55	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:57:32	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.01	-0.01	-0.04	-0.01		ppb
Titanium	47-1	0.50	0.46	0.44	0.47	6.98	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	12.02	ppb
Vanadium	51-2	0.03	0.01	0.02	0.02	42.32	ppb
Yttrium	89-1				95		%
Yttrium	89-2				98		%
Zinc	66-2	0.12	0.21	0.27	0.20	36.86	ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	20.40	ppb
Zirconium	91-1	0.01	0.03	0.06	0.03	66.49	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	CF-1DUPDL	Dilution Factor :	5
Date & Time Acquired :	2023-02-22 14:00:31	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38910.36	38753.59	38306.82	38656.92	0.81	ppb
Antimony	121-1	0.04	0.03	0.04	0.04	22.07	ppb
Arsenic	75-2	5.32	5.21	5.03	5.19	2.79	ppb
Barium	135-1	195.32	198.34	200.71	198.12	1.37	ppb
Barium	137-1	196.55	199.18	200.76	198.83	1.07	ppb
Beryllium	9-1	2.02	1.93	1.91	1.95	3.00	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	4.50	4.07	4.35	4.31	5.03	ppb
Boron	11-1	4.69	4.55	4.65	4.63	1.60	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.85	0.58	0.48	0.64	30.40	ppb
Cadmium	106-1	8.99	5.92	5.40	6.77	28.62	ppb
Cadmium	108-1	2.12	2.17	2.41	2.23	6.78	ppb
Calcium	43-1	1434.18	1426.10	1465.25	1441.84	1.43	ppb
Calcium	44-1	1433.97	1422.03	1435.49	1430.50	0.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	23.84	23.69	23.17	23.57	1.48	ppb
Cobalt	59-2	20.30	20.19	19.62	20.04	1.82	ppb
Copper	63-2	63.62	62.32	61.96	62.63	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				104		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	47136.70	47727.79	45976.87	46947.12	1.90	ppb
Iron	57-2	47084.71	46284.73	45813.05	46394.16	1.39	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	CF-1DUPDL	Dilution Factor :	5
Date & Time Acquired :	2023-02-22 14:00:31	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	47287.16	46493.03	45984.84	46588.34	1.41	ppb
Krypton	83-1						cps
Lead	206-1	11.63	11.39	11.62	11.55	1.16	ppb
Lead	207-1	9.93	9.89	10.00	9.94	0.57	ppb
Lead	208-1	10.49	10.43	10.66	10.53	1.12	ppb
Lithium	6-1				103		%
Magnesium	24-2	4272.05	4326.99	4206.18	4268.41	1.42	ppb
Manganese	55-2	1011.59	1018.46	994.37	1008.14	1.23	ppb
Molybdenum	94-1	23.51	23.59	23.95	23.68	0.98	ppb
Molybdenum	95-1	0.60	0.59	0.52	0.57	7.36	ppb
Molybdenum	96-1	4.04	4.15	4.15	4.12	1.51	ppb
Molybdenum	97-1	0.53	0.51	0.61	0.55	9.85	ppb
Molybdenum	98-1	0.53	0.59	0.48	0.53	10.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.71	18.99	18.30	18.67	1.84	ppb
Phosphorus	31-2	1066.90	1026.34	1016.84	1036.69	2.56	ppb
Potassium	39-2	1043.79	1044.40	1030.20	1039.46	0.77	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				108		%
Scandium	45-2				104		%
Selenium	82-1	0.98	0.59	0.53	0.70	34.94	ppb
Selenium	77-2	15.17	13.57	14.70	14.48	5.69	ppb
Selenium	78-2	3.67	2.44	3.04	3.05	20.13	ppb
Silicon	28-1	25.56	23.78	24.63	24.66	3.61	ppb
Silver	107-1	0.07	0.05	0.04	0.06	26.50	ppb
Silver	109-1	0.04	0.03	0.04	0.04	21.81	ppb
Sodium	23-2	134.52	132.76	131.36	132.88	1.19	ppb
Strontium	86-1	11.70	11.39	11.58	11.56	1.33	ppb
Strontium	88-1	11.61	11.62	11.67	11.64	0.28	ppb
Sulfur	34-1	-534.21	-593.05	-577.73	-568.33		ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	0.17	0.18	0.17	0.17	2.64	ppb
Thallium	205-1	0.17	0.17	0.18	0.17	3.82	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	CF-1DUPDL	Dilution Factor :	5
Date & Time Acquired :	2023-02-22 14:00:31	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.29	0.20	0.39	0.29	31.63	ppb
Titanium	47-1	555.52	556.39	562.48	558.13	0.68	ppb
Uranium	238-1	1.35	1.32	1.36	1.34	1.48	ppb
Vanadium	51-2	42.64	42.81	41.82	42.42	1.26	ppb
Yttrium	89-1				113		%
Yttrium	89-2				113		%
Zinc	66-2	85.06	83.84	80.40	83.10	2.90	ppb
Zirconium	90-1	12.15	12.17	12.28	12.20	0.57	ppb
Zirconium	91-1	12.01	12.37	12.17	12.18	1.49	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01LDLX25	Instrumnet Name :	P7
Client Sample ID :	CF-1LDL	Dilution Factor :	25
Date & Time Acquired :	2023-02-22 14:03:20	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8077.93	7978.83	8082.39	8046.39	0.73	ppb
Antimony	121-1	0.03	0.03	0.01	0.02	36.28	ppb
Arsenic	75-2	1.26	1.04	1.15	1.15	9.44	ppb
Barium	135-1	38.96	40.30	38.30	39.19	2.60	ppb
Barium	137-1	38.85	39.62	39.60	39.36	1.11	ppb
Beryllium	9-1	0.50	0.51	0.46	0.49	4.97	ppb
Bismuth	209-1				101		%
Bismuth	209-2				104		%
Boron	10-1	3.49	3.55	3.12	3.38	6.82	ppb
Boron	11-1	3.27	3.45	3.44	3.39	3.12	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.04	0.22	0.09	0.12	79.55	ppb
Cadmium	106-1	0.41	2.30	0.83	1.18	84.15	ppb
Cadmium	108-1	0.38	0.50	0.39	0.42	15.13	ppb
Calcium	43-1	291.66	300.70	287.88	293.41	2.24	ppb
Calcium	44-1	281.64	291.96	290.19	287.93	1.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.86	4.86	4.87	4.86	0.20	ppb
Cobalt	59-2	4.18	4.18	4.18	4.18	0.08	ppb
Copper	63-2	13.01	13.19	13.43	13.21	1.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	9903.17	9836.56	9932.90	9890.88	0.50	ppb
Iron	57-2	9919.58	9861.85	9922.14	9901.19	0.34	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01LDLX25	Instrumnet Name :	P7
Client Sample ID :	CF-1LDL	Dilution Factor :	25
Date & Time Acquired :	2023-02-22 14:03:20	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	9933.97	9826.19	9945.58	9901.91	0.66	ppb
Krypton	83-1						cps
Lead	206-1	2.36	2.40	2.40	2.38	1.00	ppb
Lead	207-1	2.01	2.12	2.13	2.08	3.27	ppb
Lead	208-1	2.16	2.20	2.19	2.18	1.11	ppb
Lithium	6-1				102		%
Magnesium	24-2	883.36	881.43	874.44	879.74	0.53	ppb
Manganese	55-2	212.00	210.53	212.94	211.83	0.57	ppb
Molybdenum	94-1	4.69	5.07	4.94	4.90	3.96	ppb
Molybdenum	95-1	0.15	0.19	0.19	0.18	14.57	ppb
Molybdenum	96-1	0.90	0.91	0.89	0.90	1.16	ppb
Molybdenum	97-1	0.19	0.17	0.17	0.18	6.31	ppb
Molybdenum	98-1	0.16	0.19	0.16	0.17	9.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.87	3.88	3.76	3.84	1.63	ppb
Phosphorus	31-2	186.83	217.48	195.60	199.97	7.89	ppb
Potassium	39-2	212.96	216.54	219.11	216.20	1.43	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	82-1	-0.08	0.07	0.07	0.02	405.16	ppb
Selenium	77-2	3.55	4.08	2.15	3.26	30.54	ppb
Selenium	78-2	-0.39	0.22	0.88	0.24	265.53	ppb
Silicon	28-1	6.54	6.20	6.20	6.32	3.13	ppb
Silver	107-1	0.03	0.01	0.02	0.02	36.60	ppb
Silver	109-1	0.02	0.01	0.01	0.01	22.45	ppb
Sodium	23-2	29.89	31.65	32.61	31.38	4.41	ppb
Strontium	86-1	2.47	2.43	2.54	2.48	2.24	ppb
Strontium	88-1	2.52	2.44	2.46	2.47	1.81	ppb
Sulfur	34-1	-561.69	-415.49	-516.70	-497.96		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	0.05	0.05	0.04	0.05	9.91	ppb
Thallium	205-1	0.05	0.04	0.04	0.05	9.95	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01LDLX25	Instrumnet Name :	P7
Client Sample ID :	CF-1LDL	Dilution Factor :	25
Date & Time Acquired :	2023-02-22 14:03:20	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	-0.03	0.09	0.00	0.02	302.69	ppb
Titanium	47-1	118.45	122.37	119.22	120.02	1.73	ppb
Uranium	238-1	0.29	0.26	0.27	0.27	5.26	ppb
Vanadium	51-2	8.95	8.78	8.83	8.85	0.97	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	18.42	18.67	19.00	18.70	1.57	ppb
Zirconium	90-1	2.60	2.57	2.56	2.58	0.76	ppb
Zirconium	91-1	2.50	2.60	2.36	2.49	4.77	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01MSDLX5	Instrumnet Name :	P7
Client Sample ID :	CF-1MSDL	Dilution Factor :	5
Date & Time Acquired :	2023-02-22 14:06:11	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44331.69	44790.67	44579.16	44567.17	0.52	ppb
Antimony	121-1	36.31	38.35	38.01	37.56	2.92	ppb
Arsenic	75-2	103.75	103.97	104.86	104.19	0.56	ppb
Barium	135-1	628.06	649.64	644.19	640.63	1.75	ppb
Barium	137-1	660.92	686.11	667.96	671.67	1.94	ppb
Beryllium	9-1	105.06	108.79	111.33	108.39	2.91	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	41.78	45.19	47.94	44.97	6.86	ppb
Boron	11-1	43.18	45.78	49.35	46.10	6.72	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	106.17	111.29	110.37	109.28	2.50	ppb
Cadmium	106-1	92.75	95.72	92.57	93.68	1.89	ppb
Cadmium	108-1	94.65	96.32	94.63	95.20	1.02	ppb
Calcium	43-1	11303.16	11738.83	11346.64	11462.88	2.09	ppb
Calcium	44-1	10729.54	11367.70	10755.12	10950.79	3.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	126.70	126.74	125.23	126.22	0.68	ppb
Cobalt	59-2	118.23	119.04	118.28	118.52	0.38	ppb
Copper	63-2	1037.44	1033.78	1047.65	1039.62	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	61796.39	62476.81	61813.39	62028.86	0.63	ppb
Iron	57-2	61655.96	61412.89	60562.57	61210.47	0.94	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01MSDLX5	Instrumnet Name :	P7
Client Sample ID :	CF-1MSDL	Dilution Factor :	5
Date & Time Acquired :	2023-02-22 14:06:11	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	61578.45	61868.65	61769.41	61738.84	0.24	ppb
Krypton	83-1						cps
Lead	206-1	453.31	474.02	461.22	462.85	2.26	ppb
Lead	207-1	440.55	460.34	452.61	451.17	2.21	ppb
Lead	208-1	443.82	460.61	457.13	453.85	1.95	ppb
Lithium	6-1				103		%
Magnesium	24-2	17636.96	17479.05	17853.72	17656.58	1.07	ppb
Manganese	55-2	2008.51	2027.95	2026.07	2020.84	0.53	ppb
Molybdenum	94-1	322.48	332.36	331.34	328.73	1.65	ppb
Molybdenum	95-1	300.68	310.60	311.23	307.50	1.92	ppb
Molybdenum	96-1	308.17	317.10	315.21	313.50	1.50	ppb
Molybdenum	97-1	301.80	311.66	313.39	308.95	2.02	ppb
Molybdenum	98-1	297.94	308.42	309.96	305.44	2.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	122.58	122.13	120.44	121.72	0.93	ppb
Phosphorus	31-2	902.81	943.06	848.01	897.96	5.31	ppb
Potassium	39-2	4981.39	5074.70	4995.91	5017.33	1.00	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				109		%
Scandium	45-2				105		%
Selenium	82-1	102.75	105.82	105.05	104.54	1.53	ppb
Selenium	77-2	113.42	118.81	122.83	118.35	3.99	ppb
Selenium	78-2	99.76	101.69	103.38	101.61	1.78	ppb
Silicon	28-1	66.15	69.32	68.46	67.98	2.41	ppb
Silver	107-1	0.27	0.29	0.26	0.27	5.65	ppb
Silver	109-1	0.16	0.18	0.18	0.17	5.95	ppb
Sodium	23-2	9770.92	9896.96	9823.32	9830.40	0.64	ppb
Strontium	86-1	95.03	98.98	98.58	97.53	2.23	ppb
Strontium	88-1	96.03	98.92	100.20	98.39	2.17	ppb
Sulfur	34-1	-591.95	-493.43	-569.16	-551.51		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	80.59	82.48	82.48	81.85	1.33	ppb
Thallium	205-1	89.87	92.15	90.15	90.72	1.37	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01MSDLX5	Instrumnet Name :	P7
Client Sample ID :	CF-1MSDL	Dilution Factor :	5
Date & Time Acquired :	2023-02-22 14:06:11	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	72.60	76.54	76.35	75.16	2.96	ppb
Titanium	47-1	817.11	855.73	839.94	837.59	2.32	ppb
Uranium	238-1	87.05	90.20	89.44	88.90	1.85	ppb
Vanadium	51-2	143.41	144.51	143.43	143.79	0.44	ppb
Yttrium	89-1				114		%
Yttrium	89-2				113		%
Zinc	66-2	1202.58	1207.14	1210.01	1206.57	0.31	ppb
Zirconium	90-1	41.44	43.20	43.24	42.62	2.41	ppb
Zirconium	91-1	41.48	42.42	43.09	42.33	1.92	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	CF-1MSDDL	Dilution Factor :	5
Date & Time Acquired :	2023-02-22 14:08:54	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39372.69	41458.62	40450.11	40427.14	2.58	ppb
Antimony	121-1	49.08	49.95	47.19	48.74	2.89	ppb
Arsenic	75-2	106.80	106.57	106.43	106.60	0.17	ppb
Barium	135-1	686.67	685.80	650.40	674.29	3.07	ppb
Barium	137-1	717.06	701.44	681.55	700.02	2.54	ppb
Beryllium	9-1	110.81	113.83	109.08	111.24	2.16	ppb
Bismuth	209-1				98		%
Bismuth	209-2				101		%
Boron	10-1	45.01	49.83	48.64	47.83	5.24	ppb
Boron	11-1	45.97	49.62	49.25	48.28	4.16	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	114.61	116.26	110.20	113.69	2.76	ppb
Cadmium	106-1	107.15	103.89	104.23	105.09	1.71	ppb
Cadmium	108-1	104.10	105.91	101.37	103.79	2.20	ppb
Calcium	43-1	11864.91	12086.46	11697.56	11882.98	1.64	ppb
Calcium	44-1	11275.68	11694.93	10964.85	11311.82	3.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	117.10	121.70	120.04	119.61	1.95	ppb
Cobalt	59-2	114.35	119.32	117.62	117.10	2.16	ppb
Copper	63-2	1031.94	1078.72	1075.91	1062.19	2.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				107		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	48172.62	51149.53	50761.55	50027.90	3.23	ppb
Iron	57-2	47786.64	51148.39	50378.77	49771.27	3.54	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	CF-1MSDDL	Dilution Factor :	5
Date & Time Acquired :	2023-02-22 14:08:54	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	49580.39	50636.77	50155.94	50124.37	1.06	ppb
Krypton	83-1						cps
Lead	206-1	494.61	483.69	480.31	486.20	1.54	ppb
Lead	207-1	474.82	469.75	463.01	469.20	1.26	ppb
Lead	208-1	482.87	473.26	467.32	474.48	1.65	ppb
Lithium	6-1				102		%
Magnesium	24-2	14080.16	14534.97	14484.87	14366.67	1.74	ppb
Manganese	55-2	1986.07	2078.22	2011.28	2025.19	2.35	ppb
Molybdenum	94-1	379.12	389.16	369.67	379.31	2.57	ppb
Molybdenum	95-1	319.06	324.79	311.12	318.32	2.16	ppb
Molybdenum	96-1	336.92	338.69	321.53	332.38	2.84	ppb
Molybdenum	97-1	324.11	331.38	309.49	321.66	3.47	ppb
Molybdenum	98-1	320.67	327.82	310.40	319.63	2.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	117.68	120.78	120.33	119.60	1.40	ppb
Phosphorus	31-2	891.50	919.23	916.79	909.17	1.69	ppb
Potassium	39-2	5035.10	5272.79	5142.07	5149.99	2.31	ppb
Rhodium	103-1				97		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	82-1	105.50	110.28	105.68	107.15	2.53	ppb
Selenium	77-2	121.38	128.50	119.70	123.20	3.79	ppb
Selenium	78-2	108.43	106.95	105.38	106.92	1.42	ppb
Silicon	28-1	68.73	68.93	68.31	68.66	0.46	ppb
Silver	107-1	0.30	0.34	0.31	0.32	7.53	ppb
Silver	109-1	0.19	0.18	0.18	0.19	2.76	ppb
Sodium	23-2	9636.61	10225.99	9906.13	9922.91	2.97	ppb
Strontium	86-1	101.07	101.61	95.72	99.47	3.27	ppb
Strontium	88-1	101.97	104.63	97.78	101.46	3.40	ppb
Sulfur	34-1	-438.91	-407.51	-575.90	-474.11		ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	87.48	85.43	85.85	86.25	1.25	ppb
Thallium	205-1	97.23	94.42	93.91	95.19	1.88	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	CF-1MSDDL	Dilution Factor :	5
Date & Time Acquired :	2023-02-22 14:08:54	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	83.60	84.08	80.33	82.67	2.46	ppb
Titanium	47-1	879.56	907.19	864.66	883.81	2.44	ppb
Uranium	238-1	93.06	93.65	92.26	92.99	0.75	ppb
Vanadium	51-2	134.41	139.55	136.80	136.92	1.88	ppb
Yttrium	89-1				113		%
Yttrium	89-2				112		%
Zinc	66-2	1195.07	1234.55	1219.54	1216.39	1.64	ppb
Zirconium	90-1	63.33	64.27	60.52	62.71	3.11	ppb
Zirconium	91-1	62.03	62.63	61.12	61.92	1.23	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01ADLX5	Instrumnet Name :	P7
Client Sample ID :	CF-1ADL	Dilution Factor :	5
Date & Time Acquired :	2023-02-22 14:11:34	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42368.01	41307.46	43348.04	42341.17	2.41	ppb
Antimony	121-1	34.65	36.16	36.65	35.82	2.92	ppb
Arsenic	75-2	101.08	101.62	103.40	102.03	1.19	ppb
Barium	135-1	635.52	666.91	663.03	655.16	2.61	ppb
Barium	137-1	653.43	691.94	687.45	677.61	3.11	ppb
Beryllium	9-1	105.87	111.01	110.80	109.23	2.66	ppb
Bismuth	209-1				99		%
Bismuth	209-2				103		%
Boron	10-1	44.77	49.52	47.60	47.30	5.05	ppb
Boron	11-1	45.11	49.51	50.54	48.38	5.95	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	106.88	113.13	113.64	111.21	3.38	ppb
Cadmium	106-1	90.14	99.36	102.87	97.46	6.75	ppb
Cadmium	108-1	90.92	97.38	98.53	95.61	4.29	ppb
Calcium	43-1	11341.54	11725.52	11751.35	11606.13	1.98	ppb
Calcium	44-1	10864.84	11209.65	11240.00	11104.83	1.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	121.19	120.18	123.77	121.71	1.52	ppb
Cobalt	59-2	115.21	114.56	117.55	115.77	1.36	ppb
Copper	63-2	1018.41	1015.24	1056.44	1030.03	2.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				110		%
Indium	115-1				102		%
Indium	115-2				105		%
Iron	56-2	57615.27	57161.62	59232.29	58003.06	1.88	ppb
Iron	57-2	56991.38	56417.23	59144.08	57517.56	2.50	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01ADLX5	Instrumnet Name :	P7
Client Sample ID :	CF-1ADL	Dilution Factor :	5
Date & Time Acquired :	2023-02-22 14:11:34	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	57506.15	56855.07	58140.14	57500.45	1.12	ppb
Krypton	83-1						cps
Lead	206-1	461.47	481.71	479.76	474.31	2.35	ppb
Lead	207-1	436.18	467.11	466.41	456.57	3.87	ppb
Lead	208-1	451.52	467.81	467.84	462.39	2.04	ppb
Lithium	6-1				102		%
Magnesium	24-2	16328.86	16137.09	16771.62	16412.52	1.98	ppb
Manganese	55-2	2019.57	1957.09	2010.10	1995.59	1.69	ppb
Molybdenum	94-1	342.46	357.54	360.70	353.57	2.76	ppb
Molybdenum	95-1	314.33	329.40	331.67	325.13	2.90	ppb
Molybdenum	96-1	318.40	335.36	335.50	329.75	2.98	ppb
Molybdenum	97-1	317.88	333.14	333.89	328.30	2.75	ppb
Molybdenum	98-1	317.40	331.60	338.55	329.18	3.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	119.10	116.49	120.61	118.73	1.75	ppb
Phosphorus	31-2	861.39	829.80	850.61	847.27	1.90	ppb
Potassium	39-2	4878.87	4863.73	4970.15	4904.25	1.17	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	82-1	102.45	104.59	106.00	104.35	1.71	ppb
Selenium	77-2	105.77	120.64	113.61	113.34	6.56	ppb
Selenium	78-2	103.22	101.87	106.20	103.76	2.14	ppb
Silicon	28-1	66.87	69.23	69.06	68.38	1.93	ppb
Silver	107-1	98.74	104.22	103.12	102.03	2.84	ppb
Silver	109-1	100.52	105.19	104.46	103.39	2.43	ppb
Sodium	23-2	9653.47	9355.05	9768.76	9592.43	2.23	ppb
Strontium	86-1	94.81	99.42	100.25	98.16	2.98	ppb
Strontium	88-1	95.24	100.80	101.97	99.34	3.62	ppb
Sulfur	34-1	-601.85	-531.86	-500.02	-544.58		ppb
Terbium	159-1				106		%
Terbium	159-2				109		%
Thallium	203-1	82.37	85.62	85.72	84.57	2.26	ppb
Thallium	205-1	91.70	94.34	93.24	93.09	1.42	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01ADLX5	Instrumnet Name :	P7
Client Sample ID :	CF-1ADL	Dilution Factor :	5
Date & Time Acquired :	2023-02-22 14:11:34	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	69.60	72.89	71.94	71.47	2.37	ppb
Titanium	47-1	839.97	871.44	868.77	860.06	2.03	ppb
Uranium	238-1	87.73	90.96	91.27	89.98	2.18	ppb
Vanadium	51-2	139.02	138.25	142.12	139.80	1.46	ppb
Yttrium	89-1				114		%
Yttrium	89-2				116		%
Zinc	66-2	1176.79	1164.58	1193.38	1178.25	1.23	ppb
Zirconium	90-1	46.42	48.48	48.99	47.96	2.84	ppb
Zirconium	91-1	45.46	48.09	48.39	47.31	3.41	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	PB150928BL	Instrumnet Name :	P7
Client Sample ID :	PB150928BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 14:26:17	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.08	2.65	1.95	2.23	16.76	ppb
Antimony	121-1	0.03	0.03	0.05	0.04	24.53	ppb
Arsenic	75-2	0.02	0.01	0.01	0.01	67.97	ppb
Barium	135-1	0.03	0.06	0.03	0.04	36.89	ppb
Barium	137-1	0.03	0.04	0.02	0.03	27.40	ppb
Beryllium	9-1	0.04	0.04	0.04	0.04	4.57	ppb
Bismuth	209-1				95		%
Bismuth	209-2				101		%
Boron	10-1	1.91	1.50	1.58	1.66	12.98	ppb
Boron	11-1	1.77	1.81	1.81	1.80	1.16	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.17	0.10	-0.18	-0.08		ppb
Cadmium	106-1	-1.95	1.05	-2.33	-1.08		ppb
Cadmium	108-1	0.01	0.10	-0.07	0.01	715.80	ppb
Calcium	43-1	-0.69	-1.53	-0.13	-0.78		ppb
Calcium	44-1	1.59	0.71	0.35	0.88	72.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	0.00	-0.01	-0.01		ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	21.50	ppb
Copper	63-2	0.03	0.01	0.04	0.03	44.54	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				97		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	3.28	3.00	3.39	3.22	6.17	ppb
Iron	57-2	3.26	2.14	2.22	2.54	24.72	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	PB150928BL	Instrumnet Name :	P7
Client Sample ID :	PB150928BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 14:26:17	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	3.40	2.30	3.72	3.14	23.80	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.03	0.03	0.03	28.05	ppb
Lead	207-1	0.02	0.04	0.02	0.03	41.31	ppb
Lead	208-1	0.02	0.03	0.03	0.03	8.96	ppb
Lithium	6-1				98		%
Magnesium	24-2	1.38	1.53	1.98	1.63	19.00	ppb
Manganese	55-2	0.07	0.10	0.09	0.08	16.65	ppb
Molybdenum	94-1	0.07	0.08	0.05	0.07	23.80	ppb
Molybdenum	95-1	0.05	0.07	0.05	0.06	16.11	ppb
Molybdenum	96-1	0.07	0.06	0.04	0.06	24.22	ppb
Molybdenum	97-1	0.03	0.06	0.05	0.05	24.89	ppb
Molybdenum	98-1	0.06	0.04	0.05	0.05	16.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.04	-0.03	-0.03		ppb
Phosphorus	31-2	-8.75	-14.49	-3.58	-8.94		ppb
Potassium	39-2	-0.32	0.13	2.11	0.64	203.33	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	-0.04	-0.06	-0.27	-0.13		ppb
Selenium	77-2	-0.10	-0.10	-0.10	-0.10		ppb
Selenium	78-2	-0.75	0.09	0.46	-0.06		ppb
Silicon	28-1	-0.23	-0.32	-0.31	-0.28		ppb
Silver	107-1	0.01	0.00	0.00	0.00	65.35	ppb
Silver	109-1	0.01	0.00	0.00	0.01	65.07	ppb
Sodium	23-2	5.38	5.11	5.44	5.31	3.24	ppb
Strontium	86-1	0.12	0.11	0.04	0.09	45.51	ppb
Strontium	88-1	0.09	0.07	0.06	0.07	22.09	ppb
Sulfur	34-1	-87.94	-110.89	-148.21	-115.68		ppb
Terbium	159-1				98		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.01	0.01	0.01	21.30	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	10.09	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	PB150928BL	Instrumnet Name :	P7
Client Sample ID :	PB150928BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 14:26:17	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	-0.06	-0.03	-0.05	-0.05		ppb
Titanium	47-1	0.09	0.01	0.09	0.06	72.74	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	9.49	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	0.94	ppb
Yttrium	89-1				99		%
Yttrium	89-2				102		%
Zinc	66-2	0.10	0.02	-0.08	0.02	549.71	ppb
Zirconium	90-1	0.02	0.01	0.03	0.02	25.36	ppb
Zirconium	91-1	0.02	0.01	0.03	0.02	51.79	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	PB150928BS	Instrumnet Name :	P7
Client Sample ID :	PB150928BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 14:29:08	DataFile Name :	039LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10792.08	10588.37	10666.95	10682.47	0.96	ppb
Antimony	121-1	461.90	507.78	517.76	495.82	6.01	ppb
Arsenic	75-2	501.57	501.48	498.76	500.60	0.32	ppb
Barium	135-1	2289.85	2508.35	2552.14	2450.11	5.73	ppb
Barium	137-1	2282.46	2512.03	2551.35	2448.61	5.93	ppb
Beryllium	9-1	456.60	501.84	503.43	487.29	5.46	ppb
Bismuth	209-1				86		%
Bismuth	209-2				87		%
Boron	10-1	498.52	555.06	577.62	543.73	7.49	ppb
Boron	11-1	497.26	578.53	584.41	553.40	8.80	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	461.70	506.45	523.64	497.26	6.43	ppb
Cadmium	106-1	466.18	506.73	517.16	496.69	5.42	ppb
Cadmium	108-1	458.28	503.01	520.65	493.98	6.51	ppb
Calcium	43-1	54710.71	60499.42	61113.06	58774.40	6.01	ppb
Calcium	44-1	50046.95	56282.46	56247.35	54192.25	6.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	508.86	496.44	504.66	503.32	1.26	ppb
Cobalt	59-2	518.35	513.16	507.60	513.04	1.05	ppb
Copper	63-2	5206.39	5072.02	5236.14	5171.52	1.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				96		%
Indium	115-1				91		%
Indium	115-2				88		%
Iron	56-2	28476.28	27689.83	28408.95	28191.69	1.55	ppb
Iron	57-2	28735.23	28541.75	28643.23	28640.07	0.34	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	PB150928BS	Instrumnet Name :	P7
Client Sample ID :	PB150928BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 14:29:08	DataFile Name :	039LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	28621.36	28368.00	28703.68	28564.35	0.61	ppb
Krypton	83-1						cps
Lead	206-1	2297.64	2512.13	2544.96	2451.58	5.48	ppb
Lead	207-1	2254.40	2488.85	2515.15	2419.47	5.93	ppb
Lead	208-1	2231.27	2474.49	2512.61	2406.12	6.34	ppb
Lithium	6-1				92		%
Magnesium	24-2	53128.85	51804.16	51973.41	52302.14	1.38	ppb
Manganese	55-2	5115.71	5027.61	5171.54	5104.95	1.42	ppb
Molybdenum	94-1	4495.36	4861.98	4972.89	4776.74	5.23	ppb
Molybdenum	95-1	4470.86	4905.98	4943.43	4773.42	5.50	ppb
Molybdenum	96-1	4471.55	4894.64	5016.26	4794.15	5.96	ppb
Molybdenum	97-1	4550.67	4877.31	5029.34	4819.11	5.08	ppb
Molybdenum	98-1	4510.92	4861.23	4987.48	4786.54	5.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	517.37	507.20	514.52	513.03	1.02	ppb
Phosphorus	31-2	10301.70	10005.89	9964.62	10090.73	1.82	ppb
Potassium	39-2	26266.06	25805.14	25922.76	25997.99	0.92	ppb
Rhodium	103-1				87		%
Rhodium	103-2				87		%
Scandium	45-1				94		%
Scandium	45-2				89		%
Selenium	82-1	463.23	501.40	508.69	491.10	4.97	ppb
Selenium	77-2	499.67	476.76	508.08	494.84	3.28	ppb
Selenium	78-2	507.80	505.80	517.87	510.49	1.27	ppb
Silicon	28-1	559.59	617.39	622.22	599.73	5.81	ppb
Silver	107-1	481.52	515.13	525.87	507.51	4.56	ppb
Silver	109-1	474.96	519.53	527.08	507.19	5.55	ppb
Sodium	23-2	52698.17	52204.26	52816.28	52572.91	0.62	ppb
Strontium	86-1	11313.19	12344.35	12570.06	12075.87	5.55	ppb
Strontium	88-1	11263.32	12369.71	12502.24	12045.09	5.65	ppb
Sulfur	34-1	8663.11	10084.55	9925.71	9557.79	8.15	ppb
Terbium	159-1				95		%
Terbium	159-2				94		%
Thallium	203-1	468.28	508.04	506.04	494.12	4.53	ppb
Thallium	205-1	452.89	497.17	511.61	487.22	6.28	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	PB150928BS	Instrumnet Name :	P7
Client Sample ID :	PB150928BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 14:29:08	DataFile Name :	039LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	470.80	507.84	523.99	500.88	5.44	ppb
Titanium	47-1	4504.30	5000.52	5006.87	4837.23	5.96	ppb
Uranium	238-1	420.62	458.66	476.32	451.87	6.30	ppb
Vanadium	51-2	502.88	491.97	496.17	497.01	1.11	ppb
Yttrium	89-1				94		%
Yttrium	89-2				91		%
Zinc	66-2	5386.68	5149.41	5382.72	5306.27	2.56	ppb
Zirconium	90-1	454.90	498.39	498.26	483.85	5.18	ppb
Zirconium	91-1	437.61	484.42	491.35	471.13	6.20	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	CCV56	Instrumnet Name :	P7
Client Sample ID :	CCV56	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 14:34:23	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50992.84	53234.69	52448.59	52225.38	2.18	ppb
Antimony	121-1	488.90	497.42	488.25	491.52	1.04	ppb
Arsenic	75-2	465.09	478.65	474.87	472.87	1.48	ppb
Barium	135-1	2574.07	2617.43	2564.53	2585.34	1.09	ppb
Barium	137-1	2521.62	2626.66	2587.17	2578.48	2.06	ppb
Beryllium	9-1	486.86	498.73	497.17	494.25	1.31	ppb
Bismuth	209-1				72		%
Bismuth	209-2				75		%
Boron	10-1	782.80	833.10	850.27	822.06	4.27	ppb
Boron	11-1	783.56	843.23	852.08	826.29	4.51	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	468.44	485.70	473.77	475.97	1.86	ppb
Cadmium	106-1	490.60	506.22	492.80	496.54	1.70	ppb
Cadmium	108-1	483.01	500.99	495.16	493.05	1.86	ppb
Calcium	43-1	260724.58	265823.86	260807.86	262452.10	1.11	ppb
Calcium	44-1	260712.47	264328.42	259701.54	261580.81	0.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	490.97	512.46	499.63	501.02	2.16	ppb
Cobalt	59-2	478.10	516.26	498.55	497.63	3.84	ppb
Copper	63-2	4637.02	4878.82	4797.66	4771.16	2.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				86		%
Holmium	165-2				91		%
Indium	115-1				79		%
Indium	115-2				82		%
Iron	56-2	130742.84	137232.93	133212.98	133729.59	2.45	ppb
Iron	57-2	131430.29	137151.70	135149.68	134577.22	2.16	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	CCV56	Instrumnet Name :	P7
Client Sample ID :	CCV56	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 14:34:23	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	129693.23	135624.84	134029.38	133115.82	2.31	ppb
Krypton	83-1						cps
Lead	206-1	2636.25	2706.64	2710.86	2684.58	1.56	ppb
Lead	207-1	2633.72	2699.00	2685.46	2672.73	1.29	ppb
Lead	208-1	2613.99	2690.34	2684.96	2663.09	1.60	ppb
Lithium	6-1				84		%
Magnesium	24-2	254768.07	264042.98	259699.24	259503.43	1.79	ppb
Manganese	55-2	4800.43	5056.93	4923.40	4926.92	2.60	ppb
Molybdenum	94-1	5093.84	5286.64	5053.98	5144.82	2.42	ppb
Molybdenum	95-1	5092.97	5225.39	5076.47	5131.61	1.59	ppb
Molybdenum	96-1	5121.11	5262.70	5094.83	5159.55	1.75	ppb
Molybdenum	97-1	5130.67	5230.98	5099.04	5153.56	1.34	ppb
Molybdenum	98-1	5067.65	5170.89	5074.42	5104.32	1.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	469.34	492.05	479.97	480.45	2.36	ppb
Phosphorus	31-2	9660.10	10236.63	9829.48	9908.74	2.99	ppb
Potassium	39-2	124918.75	132551.37	129430.03	128966.72	2.98	ppb
Rhodium	103-1				73		%
Rhodium	103-2				77		%
Scandium	45-1				86		%
Scandium	45-2				86		%
Selenium	82-1	480.35	501.06	486.92	489.44	2.16	ppb
Selenium	77-2	454.01	468.03	478.53	466.86	2.63	ppb
Selenium	78-2	462.87	485.84	478.03	475.58	2.46	ppb
Silicon	28-1	992.73	997.80	978.78	989.77	1.00	ppb
Silver	107-1	473.91	485.03	473.87	477.60	1.35	ppb
Silver	109-1	477.98	486.29	479.20	481.16	0.93	ppb
Sodium	23-2	254713.02	266212.08	258073.38	259666.16	2.28	ppb
Strontium	86-1	12850.21	13146.32	12778.48	12925.00	1.51	ppb
Strontium	88-1	12720.15	13113.90	12877.84	12903.96	1.54	ppb
Sulfur	34-1	10276.21	10304.12	9985.86	10188.73	1.73	ppb
Terbium	159-1				86		%
Terbium	159-2				89		%
Thallium	203-1	546.31	550.41	538.71	545.14	1.09	ppb
Thallium	205-1	536.75	538.82	550.69	542.09	1.39	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	CCV56	Instrumnet Name :	P7
Client Sample ID :	CCV56	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 14:34:23	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	508.86	532.78	506.87	516.17	2.79	ppb
Titanium	47-1	5093.85	5210.46	5080.32	5128.21	1.40	ppb
Uranium	238-1	515.18	530.30	534.24	526.58	1.91	ppb
Vanadium	51-2	492.88	510.74	504.08	502.57	1.80	ppb
Yttrium	89-1				84		%
Yttrium	89-2				87		%
Zinc	66-2	4733.65	4894.12	4870.19	4832.65	1.79	ppb
Zirconium	90-1	526.57	536.46	524.25	529.09	1.23	ppb
Zirconium	91-1	512.58	528.94	512.40	517.97	1.83	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	CCB56	Instrumnet Name :	P7
Client Sample ID :	CCB56	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 14:39:01	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.18	5.13	4.49	4.60	10.51	ppb
Antimony	121-1	0.14	0.17	0.16	0.16	10.71	ppb
Arsenic	75-2	0.04	0.03	0.02	0.03	43.46	ppb
Barium	135-1	0.05	0.09	0.05	0.06	36.02	ppb
Barium	137-1	0.11	0.07	0.06	0.08	34.41	ppb
Beryllium	9-1	0.12	0.09	0.09	0.10	13.71	ppb
Bismuth	209-1				96		%
Bismuth	209-2				102		%
Boron	10-1	17.73	15.39	15.86	16.33	7.58	ppb
Boron	11-1	17.77	15.69	15.91	16.46	6.92	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.03	0.01	-0.25	-0.07		ppb
Cadmium	106-1	-0.21	0.06	-3.19	-1.11		ppb
Cadmium	108-1	-0.04	0.09	0.01	0.02	314.44	ppb
Calcium	43-1	10.53	8.07	3.77	7.45	45.92	ppb
Calcium	44-1	9.47	5.12	5.06	6.55	38.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.07	-0.07	-0.08	-0.07		ppb
Cobalt	59-2	0.02	0.01	0.02	0.02	35.70	ppb
Copper	63-2	0.21	0.22	0.23	0.22	4.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				102		%
Iron	56-2	5.45	5.50	5.71	5.55	2.49	ppb
Iron	57-2	4.32	5.92	4.51	4.92	17.77	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	CCB56	Instrumnet Name :	P7
Client Sample ID :	CCB56	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 14:39:01	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2.78	4.12	3.86	3.59	19.75	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.09	0.08	0.10	19.49	ppb
Lead	207-1	0.12	0.07	0.06	0.08	41.23	ppb
Lead	208-1	0.10	0.08	0.07	0.08	22.85	ppb
Lithium	6-1				99		%
Magnesium	24-2	5.09	4.62	5.06	4.92	5.34	ppb
Manganese	55-2	0.18	0.20	0.17	0.18	6.30	ppb
Molybdenum	94-1	0.29	0.26	0.24	0.26	9.60	ppb
Molybdenum	95-1	0.26	0.31	0.22	0.26	16.59	ppb
Molybdenum	96-1	0.35	0.24	0.25	0.28	21.11	ppb
Molybdenum	97-1	0.36	0.23	0.25	0.28	24.66	ppb
Molybdenum	98-1	0.33	0.25	0.23	0.27	20.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.05	0.03	-0.02		ppb
Phosphorus	31-2	-22.96	-14.45	-15.13	-17.52		ppb
Potassium	39-2	10.03	4.86	11.73	8.87	40.32	ppb
Rhodium	103-1				97		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	0.36	-0.54	-0.26	-0.15		ppb
Selenium	77-2	0.19	0.48	0.19	0.29	59.14	ppb
Selenium	78-2	-1.61	-0.68	-0.60	-0.96		ppb
Silicon	28-1	0.41	-0.17	-0.05	0.06	490.99	ppb
Silver	107-1	0.04	0.05	0.03	0.04	25.83	ppb
Silver	109-1	0.04	0.04	0.05	0.04	10.02	ppb
Sodium	23-2	39.84	40.38	40.53	40.25	0.90	ppb
Strontium	86-1	0.31	0.24	0.20	0.25	22.81	ppb
Strontium	88-1	0.36	0.24	0.23	0.27	27.51	ppb
Sulfur	34-1	144.98	-270.54	-189.78	-105.11		ppb
Terbium	159-1				98		%
Terbium	159-2				102		%
Thallium	203-1	0.05	0.03	0.03	0.03	30.45	ppb
Thallium	205-1	0.04	0.04	0.03	0.04	18.42	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	CCB56	Instrumnet Name :	P7
Client Sample ID :	CCB56	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 14:39:01	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	-0.01	-0.01	-0.03	-0.02		ppb
Titanium	47-1	0.36	0.45	0.21	0.34	36.08	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	7.07	ppb
Vanadium	51-2	0.02	0.02	0.01	0.02	63.67	ppb
Yttrium	89-1				98		%
Yttrium	89-2				101		%
Zinc	66-2	0.84	0.54	0.67	0.68	21.40	ppb
Zirconium	90-1	0.03	0.03	0.00	0.02	76.30	ppb
Zirconium	91-1	0.03	0.02	0.02	0.02	39.21	ppb

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 11:12:02	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	83	56	80	28.19	cps
Antimony	121-1	17	17	25	19	24.73	cps
Arsenic	75-2	0	0	0	0	0.00	cps
Barium	135-1	0	25	17	14	91.65	cps
Barium	137-1	25	58	25	36	53.29	cps
Beryllium	9-1	33	40	47	40	16.68	cps
Bismuth	209-1	8367381	8279222	8131207	8259270	1.44	cps
Bismuth	209-2	6696511	6527455	6505581	6576516	1.59	cps
Boron	10-1	225	217	150	197	20.84	cps
Boron	11-1	825	775	825	808	3.57	cps
Bromine	81-1	52544	54384	53983	53637	1.80	cps
Bromine	81-2	110	70	70	83	27.71	cps
Cadmium	111-1	4495	4533	4522	4517	0.43	cps
Cadmium	106-1	6435	6493	6452	6460	0.47	cps
Cadmium	108-1	25	29	4	19	68.87	cps
Calcium	43-1	133	83	133	117	24.74	cps
Calcium	44-1	3717	3526	4167	3803	8.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	803	813	770	796	2.85	cps
Cobalt	59-2	40	40	27	36	21.64	cps
Copper	63-2	550	510	493	518	5.62	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	13	0	10	8	89.21	cps
Erbium	164-1	83	42	58	61	34.32	cps
Erbium	164-2	40	70	60	57	26.96	cps
Gadolinium	160-1	92	17	25	44	92.49	cps
Gadolinium	160-2	437	460	407	434	6.15	cps
Holmium	165-1	12168904	11953225	12089697	12070609	0.90	cps
Holmium	165-2	8242612	8090642	8192381	8175212	0.95	cps
Indium	115-1	8668646	8620971	8480083	8589900	1.14	cps
Indium	115-2	3020608	2957313	2999959	2992627	1.08	cps
Iron	56-2	9125	9108	9120	9118	0.09	cps
Iron	57-2	239	233	228	233	2.38	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 11:12:02	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1587	1607	1517	1570	3.00	cps
Krypton	83-1	127	137	120	128	6.57	cps
Lead	206-1	161	211	217	196	15.59	cps
Lead	207-1	172	189	183	181	4.67	cps
Lead	208-1	807	856	818	827	3.10	cps
Lithium	6-1	3447776	3321929	3308140	3359282	2.29	cps
Magnesium	24-2	306	333	406	348	14.83	cps
Manganese	55-2	127	117	100	114	11.77	cps
Molybdenum	94-1	200	100	158	153	32.88	cps
Molybdenum	95-1	33	17	8	19	65.47	cps
Molybdenum	96-1	158	150	133	147	8.65	cps
Molybdenum	97-1	17	8	17	14	34.67	cps
Molybdenum	98-1	25	42	58	42	40.00	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	3	10	7	7	50.03	cps
Nickel	60-2	67	77	93	79	17.07	cps
Phosphorus	31-2	292	383	467	381	23.00	cps
Potassium	39-2	32235	32694	32377	32435	0.73	cps
Rhodium	103-1	8185813	7949411	7849334	7994853	2.16	cps
Rhodium	103-2	4318368	4248802	4303701	4290291	0.85	cps
Scandium	45-1	5675165	5534465	5490377	5566669	1.73	cps
Scandium	45-2	425247	408424	419957	417876	2.06	cps
Selenium	82-1	33	13	45	30	54.51	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	219	178	191	196	10.64	cps
Silicon	28-1	284444	282065	285751	284087	0.66	cps
Silver	107-1	83	83	108	92	15.74	cps
Silver	109-1	58	0	17	25	120.18	cps
Sodium	23-2	7763	7769	8536	8023	5.54	cps
Strontium	86-1	233	225	233	231	2.09	cps
Strontium	88-1	158	108	117	128	20.96	cps
Sulfur	34-1	193024	193894	197010	194642	1.08	cps
Terbium	159-1	12089459	12147667	11918907	12052011	0.99	cps
Terbium	159-2	8116846	7829614	7951909	7966123	1.81	cps
Thallium	203-1	67	75	92	78	16.37	cps
Thallium	205-1	117	233	192	181	32.74	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 11:12:02	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	867	650	908	808	17.16	cps
Titanium	47-1	125	167	142	144	14.52	cps
Uranium	238-1	8	0	8	6	86.60	cps
Vanadium	51-2	3	7	3	4	43.40	cps
Yttrium	89-1	12259071	12122917	12165547	12182512	0.57	cps
Yttrium	89-2	2796755	2749789	2789028	2778524	0.91	cps
Zinc	66-2	247	260	277	261	5.76	cps
Zirconium	90-1	517	475	550	514	7.31	cps
Zirconium	91-1	67	108	83	86	24.35	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 11:14:53	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3517	3689	3789	3665	3.76	cps
Antimony	121-1	10404	10813	10846	10688	2.30	cps
Arsenic	75-2	285	322	320	309	6.75	cps
Barium	135-1	16702	17494	16702	16966	2.70	cps
Barium	137-1	27577	28730	28629	28312	2.25	cps
Beryllium	9-1	1887	1777	1873	1846	3.25	cps
Bismuth	209-1	8157076	8119968	8070457	8115834	0.54	cps
Bismuth	209-2	6847918	6616176	6797012	6753702	1.80	cps
Boron	10-1	6543	7844	7827	7405	10.08	cps
Boron	11-1	31925	34873	35716	34172	5.83	cps
Bromine	81-1	54962	53389	53648	54000	1.56	cps
Bromine	81-2	60	80	80	73	15.75	cps
Cadmium	111-1	6190	5997	6283	6157	2.37	cps
Cadmium	106-1	6410	6276	6435	6374	1.34	cps
Cadmium	108-1	133	179	138	150	16.90	cps
Calcium	43-1	11229	11872	11671	11591	2.84	cps
Calcium	44-1	188268	191836	192140	190748	1.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6241	5671	6048	5987	4.84	cps
Cobalt	59-2	4317	4441	4507	4422	2.18	cps
Copper	63-2	6408	6285	6275	6323	1.17	cps
Dysprosium	156-1	25	25	8	19	49.50	cps
Dysprosium	156-2	10	7	10	9	21.63	cps
Erbium	164-1	50	58	75	61	20.83	cps
Erbium	164-2	47	40	40	42	9.12	cps
Gadolinium	160-1	50	83	25	53	55.46	cps
Gadolinium	160-2	410	453	433	432	5.02	cps
Holmium	165-1	11673590	11706074	11704510	11694725	0.16	cps
Holmium	165-2	8537326	8224312	8316958	8359532	1.92	cps
Indium	115-1	8378320	8465814	8314697	8386277	0.90	cps
Indium	115-2	3093745	2991378	2993512	3026212	1.93	cps
Iron	56-2	143646	145755	143545	144315	0.86	cps
Iron	57-2	3462	3784	3967	3738	6.85	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 11:14:53	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	9045	8895	9315	9085	2.34	cps
Krypton	83-1	120	140	133	131	7.77	cps
Lead	206-1	6246	6607	6318	6390	2.99	cps
Lead	207-1	5523	5384	5629	5512	2.23	cps
Lead	208-1	28168	28014	28507	28230	0.89	cps
Lithium	6-1	3281291	3311387	3444294	3345657	2.59	cps
Magnesium	24-2	151986	154108	153176	153090	0.69	cps
Manganese	55-2	2350	2437	2507	2431	3.23	cps
Molybdenum	94-1	13815	14057	14474	14115	2.36	cps
Molybdenum	95-1	17411	17286	17786	17494	1.49	cps
Molybdenum	96-1	19372	18821	19772	19322	2.47	cps
Molybdenum	97-1	10212	10529	10896	10546	3.24	cps
Molybdenum	98-1	27685	26667	27660	27337	2.13	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	1183	1153	1163	1167	1.31	cps
Phosphorus	31-2	408	525	625	519	20.88	cps
Potassium	39-2	212155	211106	209654	210972	0.60	cps
Rhodium	103-1	7832211	7822333	7758276	7804273	0.51	cps
Rhodium	103-2	4408041	4295034	4361933	4355002	1.30	cps
Scandium	45-1	5401024	5509772	5576072	5495623	1.61	cps
Scandium	45-2	428813	416709	419294	421605	1.51	cps
Selenium	82-1	654	564	643	620	7.95	cps
Selenium	77-2	53	63	77	64	18.17	cps
Selenium	78-2	391	407	359	386	6.34	cps
Silicon	28-1	324703	322393	326181	324426	0.59	cps
Silver	107-1	8778	8928	8828	8845	0.86	cps
Silver	109-1	8369	8603	8678	8550	1.88	cps
Sodium	23-2	251695	251293	250117	251035	0.33	cps
Strontium	86-1	2642	2717	2417	2592	6.02	cps
Strontium	88-1	21433	21475	21174	21360	0.76	cps
Sulfur	34-1	195405	194527	195134	195022	0.23	cps
Terbium	159-1	11639787	11843686	11619809	11701094	1.06	cps
Terbium	159-2	8245149	7955946	7968076	8056391	2.03	cps
Thallium	203-1	7402	7852	7402	7552	3.44	cps
Thallium	205-1	18713	18755	17820	18430	2.86	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 11:14:53	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	28687	28537	28253	28493	0.77	cps
Titanium	47-1	4659	4909	5384	4984	7.39	cps
Uranium	238-1	22546	23330	22628	22835	1.89	cps
Vanadium	51-2	11091	11158	11154	11134	0.34	cps
Yttrium	89-1	11726958	11983372	11748444	11819591	1.20	cps
Yttrium	89-2	2882732	2723363	2782588	2796228	2.88	cps
Zinc	66-2	1307	1370	1327	1335	2.43	cps
Zirconium	90-1	11413	11672	12097	11727	2.95	cps
Zirconium	91-1	2600	2650	2842	2698	4.73	cps

LB Number : LB124200 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired : 2023-02-22 11:21:11 DataFile Name : 007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192025	189190	188700	189972	0.94	cps
Antimony	121-1	273808	279785	275886	276493	1.10	cps
Arsenic	75-2	14565	14305	14431	14434	0.90	cps
Barium	135-1	441292	453522	447337	447384	1.37	cps
Barium	137-1	765272	780252	769594	771706	1.00	cps
Beryllium	9-1	89054	90562	89657	89758	0.85	cps
Bismuth	209-1	7638982	7736070	7628056	7667703	0.78	cps
Bismuth	209-2	6385101	6422791	6370199	6392697	0.42	cps
Boron	10-1	45116	49145	48267	47509	4.46	cps
Boron	11-1	208365	224801	226922	220029	4.62	cps
Bromine	81-1	51943	50596	53238	51926	2.54	cps
Bromine	81-2	80	40	80	67	34.64	cps
Cadmium	111-1	94745	96728	95747	95740	1.04	cps
Cadmium	106-1	17761	17227	18020	17670	2.29	cps
Cadmium	108-1	7627	7727	7736	7697	0.78	cps
Calcium	43-1	138563	139714	138605	138961	0.47	cps
Calcium	44-1	2006502	2025792	2019100	2017131	0.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	139892	138435	138529	138952	0.59	cps
Cobalt	59-2	219421	216248	218663	218111	0.76	cps
Copper	63-2	1522231	1521596	1546339	1530055	0.92	cps
Dysprosium	156-1	33	67	33	44	43.31	cps
Dysprosium	156-2	23	30	57	37	48.11	cps
Erbium	164-1	75	92	67	78	16.37	cps
Erbium	164-2	83	73	70	76	9.18	cps
Gadolinium	160-1	92	67	67	75	19.24	cps
Gadolinium	160-2	473	460	490	474	3.17	cps
Holmium	165-1	11241908	11110031	11180716	11177552	0.59	cps
Holmium	165-2	8179438	8068663	7875688	8041263	1.91	cps
Indium	115-1	7774759	8031183	7921035	7908993	1.63	cps
Indium	115-2	2900614	2829036	2860084	2863245	1.25	cps
Iron	56-2	7060842	6966422	6876711	6967992	1.32	cps
Iron	57-2	180122	177608	178639	178790	0.71	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 11:21:11	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	401901	396716	399938	399518	0.66	cps
Krypton	83-1	117	133	147	132	11.37	cps
Lead	206-1	1805877	1869397	1687359	1787545	5.17	cps
Lead	207-1	1420044	1461758	1461922	1447908	1.67	cps
Lead	208-1	7359111	7547446	7328454	7411671	1.60	cps
Lithium	6-1	3206636	3288330	3250328	3248431	1.26	cps
Magnesium	24-2	1650811	1653151	1589321	1631094	2.22	cps
Manganese	55-2	1186942	1171593	1172574	1177037	0.73	cps
Molybdenum	94-1	1232921	1249576	1247449	1243315	0.73	cps
Molybdenum	95-1	1754037	1775395	1785894	1771775	0.92	cps
Molybdenum	96-1	1930362	1922564	1925606	1926177	0.20	cps
Molybdenum	97-1	1084147	1104959	1109384	1099496	1.23	cps
Molybdenum	98-1	2793321	2836001	2831873	2820398	0.83	cps
Neodymium	150-1	153	140	120	138	12.18	cps
Neodymium	150-2	43	30	30	34	22.34	cps
Nickel	60-2	55332	55074	55499	55302	0.39	cps
Phosphorus	31-2	9795	9737	9612	9714	0.96	cps
Potassium	39-2	983397	977668	972781	977949	0.54	cps
Rhodium	103-1	7166817	7290474	7205661	7220984	0.88	cps
Rhodium	103-2	4070879	4046088	4006909	4041292	0.80	cps
Scandium	45-1	5199236	5300753	5211162	5237050	1.06	cps
Scandium	45-2	401902	397559	396652	398704	0.70	cps
Selenium	82-1	6395	6397	6463	6418	0.61	cps
Selenium	77-2	537	653	643	611	10.58	cps
Selenium	78-2	2245	2132	2235	2204	2.85	cps
Silicon	28-1	5046489	5119492	5106822	5090934	0.77	cps
Silver	107-1	473231	484909	483733	480624	1.34	cps
Silver	109-1	445131	455911	454263	451768	1.29	cps
Sodium	23-2	2611571	2592208	2628344	2610708	0.69	cps
Strontium	86-1	3219861	3234300	3272282	3242148	0.84	cps
Strontium	88-1	27901078	28101195	28875906	28292726	1.82	cps
Sulfur	34-1	234294	233089	233227	233537	0.28	cps
Terbium	159-1	11244700	11268528	11209493	11240907	0.26	cps
Terbium	159-2	7815607	7782203	7760891	7786234	0.35	cps
Thallium	203-1	394873	400624	398094	397863	0.72	cps
Thallium	205-1	947846	961750	964177	957924	0.92	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 11:21:11	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	284021	297622	299067	293570	2.83	cps
Titanium	47-1	512893	519374	518723	516997	0.69	cps
Uranium	238-1	1212726	1259220	1253185	1241710	2.04	cps
Vanadium	51-2	116972	117644	118155	117590	0.50	cps
Yttrium	89-1	11318169	11273957	11273648	11288592	0.23	cps
Yttrium	89-2	2678011	2632479	2596501	2635664	1.55	cps
Zinc	66-2	237903	235706	237264	236958	0.48	cps
Zirconium	90-1	641102	655282	656055	650813	1.29	cps
Zirconium	91-1	141386	147528	146685	145200	2.29	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 11:25:27	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	420946	420988	413470	418468	1.03	cps
Antimony	121-1	643404	641768	643967	643046	0.18	cps
Arsenic	75-2	33447	32964	33465	33292	0.85	cps
Barium	135-1	1048079	1043607	1053981	1048556	0.50	cps
Barium	137-1	1894020	1877880	1877689	1883196	0.50	cps
Beryllium	9-1	206464	204157	207381	206000	0.81	cps
Bismuth	209-1	7513756	7467783	7577940	7519826	0.74	cps
Bismuth	209-2	6113275	6210696	5968320	6097430	2.00	cps
Boron	10-1	104182	106765	108796	106581	2.17	cps
Boron	11-1	495373	497426	504625	499141	0.97	cps
Bromine	81-1	46926	47661	47578	47388	0.85	cps
Bromine	81-2	40	60	40	47	24.74	cps
Cadmium	111-1	217118	216481	216764	216787	0.15	cps
Cadmium	106-1	31618	32420	31434	31824	1.65	cps
Cadmium	108-1	17895	17507	18011	17804	1.48	cps
Calcium	43-1	312679	316766	320392	316612	1.22	cps
Calcium	44-1	4595411	4566715	4559957	4574028	0.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	313830	312281	309590	311900	0.69	cps
Cobalt	59-2	492931	493369	486295	490865	0.81	cps
Copper	63-2	3431117	3382835	3383183	3399045	0.82	cps
Dysprosium	156-1	83	117	67	89	28.64	cps
Dysprosium	156-2	73	87	100	87	15.39	cps
Erbium	164-1	75	125	50	83	45.83	cps
Erbium	164-2	53	103	63	73	36.08	cps
Gadolinium	160-1	150	142	100	131	20.52	cps
Gadolinium	160-2	437	477	393	436	9.57	cps
Holmium	165-1	11053089	10984005	10990677	11009257	0.35	cps
Holmium	165-2	7787617	7871303	7489872	7716264	2.60	cps
Indium	115-1	7617844	7572135	7597033	7595671	0.30	cps
Indium	115-2	2723724	2738759	2655210	2705898	1.65	cps
Iron	56-2	15724878	15800495	15363631	15629668	1.49	cps
Iron	57-2	403194	403885	400994	402691	0.37	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 11:25:27	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	909503	902922	893137	901854	0.91	cps
Krypton	83-1	93	143	87	108	28.74	cps
Lead	206-1	4496178	4398105	4403317	4432533	1.24	cps
Lead	207-1	3926876	3925116	3931943	3927979	0.09	cps
Lead	208-1	18311488	18295387	18310740	18305872	0.05	cps
Lithium	6-1	3151470	3059479	3077211	3096053	1.58	cps
Magnesium	24-2	3695298	3733101	3681128	3703176	0.73	cps
Manganese	55-2	2681143	2631725	2634944	2649270	1.04	cps
Molybdenum	94-1	2890376	2893318	2928702	2904132	0.73	cps
Molybdenum	95-1	4135027	4104051	4051752	4096943	1.03	cps
Molybdenum	96-1	4451301	4424357	4375059	4416906	0.88	cps
Molybdenum	97-1	2522708	2528091	2527671	2526157	0.12	cps
Molybdenum	98-1	6583912	6586130	6526407	6565483	0.52	cps
Neodymium	150-1	240	307	333	293	16.39	cps
Neodymium	150-2	70	77	63	70	9.53	cps
Nickel	60-2	123215	121834	119794	121614	1.42	cps
Phosphorus	31-2	21557	21173	21207	21312	1.00	cps
Potassium	39-2	2049517	2055659	2044905	2050027	0.26	cps
Rhodium	103-1	6902080	6875289	6786388	6854586	0.88	cps
Rhodium	103-2	3801861	3832214	3797931	3810669	0.49	cps
Scandium	45-1	4943368	4928219	4951566	4941051	0.24	cps
Scandium	45-2	370312	378497	370247	373019	1.27	cps
Selenium	82-1	14918	14800	15130	14949	1.12	cps
Selenium	77-2	1313	1433	1300	1349	5.44	cps
Selenium	78-2	4675	4806	4751	4744	1.39	cps
Silicon	28-1	9562054	9645075	9681025	9629385	0.63	cps
Silver	107-1	1095099	1100926	1098489	1098171	0.27	cps
Silver	109-1	1043007	1040388	1054390	1045928	0.71	cps
Sodium	23-2	5969494	5942151	5964129	5958591	0.24	cps
Strontium	86-1	7507050	7562692	7377824	7482522	1.27	cps
Strontium	88-1	65638589	65264729	66083960	65662426	0.62	cps
Sulfur	34-1	275129	270676	274084	273297	0.85	cps
Terbium	159-1	11110538	10886810	11165105	11054151	1.33	cps
Terbium	159-2	7495102	7477001	7450188	7474097	0.30	cps
Thallium	203-1	947409	950395	958025	951943	0.58	cps
Thallium	205-1	2526806	2497606	2540984	2521799	0.88	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 11:25:27	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	684354	687442	687204	686334	0.25	cps
Titanium	47-1	1183059	1179190	1185752	1182667	0.28	cps
Uranium	238-1	3527297	3554125	3511787	3531070	0.61	cps
Vanadium	51-2	268719	268315	266962	267999	0.34	cps
Yttrium	89-1	10882514	10838694	10671615	10797608	1.03	cps
Yttrium	89-2	2491060	2534716	2478279	2501352	1.18	cps
Zinc	66-2	540782	540462	539004	540083	0.18	cps
Zirconium	90-1	1504566	1501016	1498881	1501488	0.19	cps
Zirconium	91-1	337165	339120	339258	338514	0.35	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 11:28:11	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	827370	833208	823162	827913	0.61	cps
Antimony	121-1	1252963	1283748	1302950	1279887	1.97	cps
Arsenic	75-2	65605	66204	64971	65593	0.94	cps
Barium	135-1	2139310	2164050	2197932	2167097	1.36	cps
Barium	137-1	3639056	3655478	3787453	3693996	2.20	cps
Beryllium	9-1	395781	406317	404418	402172	1.40	cps
Bismuth	209-1	7232420	7303722	7269611	7268584	0.49	cps
Bismuth	209-2	5904406	5968944	5939578	5937643	0.54	cps
Boron	10-1	184968	193260	197830	192019	3.40	cps
Boron	11-1	859549	900460	917539	892516	3.34	cps
Bromine	81-1	46290	48238	47402	47310	2.07	cps
Bromine	81-2	80	50	50	60	28.87	cps
Cadmium	111-1	408832	418388	418811	415344	1.36	cps
Cadmium	106-1	54369	56159	55298	55275	1.62	cps
Cadmium	108-1	34971	34583	36249	35268	2.47	cps
Calcium	43-1	608588	623491	633264	621781	2.00	cps
Calcium	44-1	8917850	8978393	9049912	8982052	0.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	620491	617307	615889	617896	0.38	cps
Cobalt	59-2	970594	965235	958837	964889	0.61	cps
Copper	63-2	6692471	6765024	6617914	6691803	1.10	cps
Dysprosium	156-1	250	175	175	200	21.65	cps
Dysprosium	156-2	173	153	193	173	11.54	cps
Erbium	164-1	133	67	117	106	32.87	cps
Erbium	164-2	70	97	60	76	25.09	cps
Gadolinium	160-1	175	92	258	175	47.62	cps
Gadolinium	160-2	490	523	453	489	7.16	cps
Holmium	165-1	10777019	10674632	10766934	10739528	0.53	cps
Holmium	165-2	7595233	7599770	7561568	7585523	0.28	cps
Indium	115-1	7260675	7372190	7371872	7334912	0.88	cps
Indium	115-2	2596524	2626598	2612344	2611822	0.58	cps
Iron	56-2	31078363	30966533	30606541	30883812	0.80	cps
Iron	57-2	799388	791417	788137	792981	0.73	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 11:28:11	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1703235	1728231	1694066	1708511	1.03	cps
Krypton	83-1	140	130	110	127	12.06	cps
Lead	206-1	8615995	8734430	8702421	8684282	0.71	cps
Lead	207-1	7591635	7616036	7645547	7617740	0.35	cps
Lead	208-1	35363711	36140572	36081496	35861926	1.21	cps
Lithium	6-1	3085718	2985435	3001034	3024062	1.78	cps
Magnesium	24-2	7336716	7355053	7270495	7320755	0.61	cps
Manganese	55-2	5226227	5247523	5208150	5227300	0.38	cps
Molybdenum	94-1	5580018	5638762	5694307	5637696	1.01	cps
Molybdenum	95-1	7983798	8054918	8182744	8073820	1.25	cps
Molybdenum	96-1	8749180	8843752	8970731	8854554	1.26	cps
Molybdenum	97-1	4931417	4928233	4978485	4946045	0.57	cps
Molybdenum	98-1	12689056	12744166	12815817	12749680	0.50	cps
Neodymium	150-1	660	680	507	616	15.41	cps
Neodymium	150-2	100	97	157	118	28.63	cps
Nickel	60-2	241302	240036	239115	240151	0.46	cps
Phosphorus	31-2	41707	42493	41407	41869	1.34	cps
Potassium	39-2	4038448	4037371	4011225	4029014	0.38	cps
Rhodium	103-1	6599937	6444998	6584849	6543261	1.31	cps
Rhodium	103-2	3708574	3692485	3723260	3708106	0.42	cps
Scandium	45-1	4802177	4763443	4831368	4798996	0.71	cps
Scandium	45-2	365031	369083	367303	367139	0.55	cps
Selenium	82-1	28736	29638	29776	29383	1.92	cps
Selenium	77-2	2704	2777	2604	2695	3.23	cps
Selenium	78-2	9127	9081	9060	9089	0.38	cps
Silicon	28-1	17750421	18258316	18344751	18117829	1.77	cps
Silver	107-1	2136938	2124225	2172160	2144441	1.16	cps
Silver	109-1	1998787	2014725	2027850	2013787	0.72	cps
Sodium	23-2	11697562	11778617	11782218	11752799	0.41	cps
Strontium	86-1	14482328	14854807	14979489	14772208	1.75	cps
Strontium	88-1	127294107	127950590	129914186	128386295	1.06	cps
Sulfur	34-1	363703	367241	369172	366706	0.76	cps
Terbium	159-1	10813543	10608592	10745608	10722581	0.97	cps
Terbium	159-2	7290358	7301361	7373484	7321734	0.62	cps
Thallium	203-1	2025493	2023516	2044681	2031230	0.58	cps
Thallium	205-1	4745552	4881223	5006843	4877873	2.68	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 11:28:11	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	1321830	1355800	1365700	1347777	1.71	cps
Titanium	47-1	2289212	2304309	2329049	2307523	0.87	cps
Uranium	238-1	6703158	7077534	6825898	6868863	2.78	cps
Vanadium	51-2	536623	534508	529047	533393	0.73	cps
Yttrium	89-1	10606554	10616922	10681967	10635147	0.38	cps
Yttrium	89-2	2458684	2436546	2453598	2449609	0.47	cps
Zinc	66-2	1055154	1060290	1054199	1056548	0.31	cps
Zirconium	90-1	2948283	3012527	3023322	2994711	1.35	cps
Zirconium	91-1	658417	666811	675334	666854	1.27	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 11:30:57	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1655454	1647197	1635567	1646073	0.61	cps
Antimony	121-1	2542242	2620550	2577045	2579945	1.52	cps
Arsenic	75-2	129400	127845	128065	128436	0.66	cps
Barium	135-1	4185736	4297006	4216221	4232987	1.36	cps
Barium	137-1	7142853	7281978	7350805	7258545	1.46	cps
Beryllium	9-1	758015	776243	772076	768778	1.24	cps
Bismuth	209-1	7026339	7084321	7172564	7094408	1.04	cps
Bismuth	209-2	5872938	5939578	5699387	5837301	2.12	cps
Boron	10-1	337107	361507	371128	356581	4.92	cps
Boron	11-1	1567063	1681006	1779117	1675729	6.33	cps
Bromine	81-1	48339	48004	48004	48115	0.40	cps
Bromine	81-2	70	80	60	70	14.29	cps
Cadmium	111-1	784990	804226	798547	795921	1.24	cps
Cadmium	106-1	101614	102192	102712	102173	0.54	cps
Cadmium	108-1	67979	67870	68016	67955	0.11	cps
Calcium	43-1	1188815	1196243	1175767	1186942	0.87	cps
Calcium	44-1	17495334	17803718	17836032	17711695	1.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1213574	1211032	1209855	1211487	0.16	cps
Cobalt	59-2	1896200	1901792	1913938	1903977	0.48	cps
Copper	63-2	12837027	12761999	12753305	12784111	0.36	cps
Dysprosium	156-1	350	375	333	353	5.95	cps
Dysprosium	156-2	333	303	330	322	5.10	cps
Erbium	164-1	117	150	150	139	13.85	cps
Erbium	164-2	113	127	100	113	11.77	cps
Gadolinium	160-1	233	308	183	242	26.04	cps
Gadolinium	160-2	540	513	667	573	14.29	cps
Holmium	165-1	10922622	11095772	10786646	10935013	1.42	cps
Holmium	165-2	7755152	7823474	7639821	7739483	1.20	cps
Indium	115-1	7223900	7326445	7222561	7257635	0.82	cps
Indium	115-2	2645203	2599178	2570340	2604907	1.45	cps
Iron	56-2	60718382	60262421	60264171	60414991	0.43	cps
Iron	57-2	1513677	1519335	1515816	1516276	0.19	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 11:30:57	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3312638	3334729	3314961	3320776	0.37	cps
Krypton	83-1	120	143	150	138	11.43	cps
Lead	206-1	16878460	16878038	17114084	16956860	0.80	cps
Lead	207-1	14596349	15107375	14974493	14892739	1.78	cps
Lead	208-1	68981655	70352542	70520917	69951704	1.21	cps
Lithium	6-1	2974078	3075057	2993824	3014320	1.78	cps
Magnesium	24-2	14376369	14122891	14153241	14217500	0.97	cps
Manganese	55-2	10241409	10104345	10209836	10185197	0.70	cps
Molybdenum	94-1	10984897	11286994	11366220	11212704	1.79	cps
Molybdenum	95-1	15767955	16265490	16123475	16052307	1.60	cps
Molybdenum	96-1	16999075	17588843	17394398	17327439	1.73	cps
Molybdenum	97-1	9579491	9880339	9961851	9807227	2.05	cps
Molybdenum	98-1	24969231	25479835	25630195	25359754	1.37	cps
Neodymium	150-1	1007	1180	1067	1085	8.12	cps
Neodymium	150-2	237	223	230	230	2.90	cps
Nickel	60-2	462187	456917	461217	460107	0.61	cps
Phosphorus	31-2	79900	79062	80613	79858	0.97	cps
Potassium	39-2	7920376	7797926	7873520	7863941	0.79	cps
Rhodium	103-1	6473017	6417136	6451261	6447138	0.44	cps
Rhodium	103-2	3672712	3665765	3604252	3647576	1.03	cps
Scandium	45-1	4829659	4872654	4865016	4855776	0.47	cps
Scandium	45-2	373582	371698	362695	369325	1.58	cps
Selenium	82-1	55608	56742	56743	56364	1.16	cps
Selenium	77-2	5371	5118	5471	5320	3.42	cps
Selenium	78-2	18061	18063	17503	17876	1.81	cps
Silicon	28-1	32593059	33529412	33328536	33150336	1.49	cps
Silver	107-1	4108852	4139573	4150533	4132986	0.52	cps
Silver	109-1	3925340	3972041	3882133	3926505	1.15	cps
Sodium	23-2	23414871	22772551	23100396	23095939	1.39	cps
Strontium	86-1	28553650	29205546	29221620	28993606	1.31	cps
Strontium	88-1	251684289	254855356	253897272	253478972	0.64	cps
Sulfur	34-1	550800	553703	545163	549889	0.79	cps
Terbium	159-1	10834761	11107591	10841971	10928107	1.42	cps
Terbium	159-2	7476344	7517503	7244824	7412890	1.98	cps
Thallium	203-1	3902044	3959158	3998696	3953299	1.23	cps
Thallium	205-1	9347405	9447786	9578380	9457857	1.22	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 11:30:57	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	2623876	2752727	2692735	2689779	2.40	cps
Titanium	47-1	4584507	4550336	4669846	4601563	1.34	cps
Uranium	238-1	13233867	13791646	13549263	13524925	2.07	cps
Vanadium	51-2	1056068	1051389	1051491	1052983	0.25	cps
Yttrium	89-1	10656976	10796717	10634838	10696177	0.82	cps
Yttrium	89-2	2501705	2493912	2405034	2466884	2.18	cps
Zinc	66-2	2064989	2032895	2024796	2040893	1.04	cps
Zirconium	90-1	5761052	5870483	5805100	5812212	0.95	cps
Zirconium	91-1	1303496	1327537	1328586	1319873	1.08	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 11:33:41	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3237975	3193999	3189446	3207140	0.84	cps
Antimony	121-1	4939869	4996864	5072840	5003191	1.33	cps
Arsenic	75-2	254594	255096	252570	254087	0.53	cps
Barium	135-1	8432061	8542550	8401013	8458541	0.88	cps
Barium	137-1	14348092	14701501	14588688	14546094	1.24	cps
Beryllium	9-1	1446321	1484005	1534821	1488382	2.98	cps
Bismuth	209-1	6922800	6872955	6944714	6913490	0.53	cps
Bismuth	209-2	5621904	5696328	5629750	5649327	0.72	cps
Boron	10-1	541679	580724	608267	576890	5.80	cps
Boron	11-1	2525696	2694748	2817582	2679342	5.47	cps
Bromine	81-1	48573	49124	49300	48999	0.77	cps
Bromine	81-2	70	90	110	90	22.22	cps
Cadmium	111-1	1501791	1545241	1547256	1531429	1.68	cps
Cadmium	106-1	193662	197752	201416	197610	1.96	cps
Cadmium	108-1	128677	132717	133061	131485	1.85	cps
Calcium	43-1	2306692	2368659	2341679	2339010	1.33	cps
Calcium	44-1	34470414	35416001	35513422	35133279	1.64	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2411362	2399828	2405897	2405696	0.24	cps
Cobalt	59-2	3724602	3783810	3697268	3735227	1.18	cps
Copper	63-2	24969463	24906318	24734413	24870065	0.49	cps
Dysprosium	156-1	600	650	550	600	8.33	cps
Dysprosium	156-2	653	757	687	699	7.55	cps
Erbium	164-1	183	158	142	161	13.02	cps
Erbium	164-2	80	113	117	103	19.62	cps
Gadolinium	160-1	400	425	442	422	4.97	cps
Gadolinium	160-2	717	693	663	691	3.87	cps
Holmium	165-1	11002668	10935738	10933965	10957457	0.36	cps
Holmium	165-2	7856491	7790190	7738167	7794949	0.76	cps
Indium	115-1	7121816	7101533	7119285	7114211	0.16	cps
Indium	115-2	2561748	2617048	2608092	2595629	1.14	cps
Iron	56-2	119589558	120458469	119288950	119778992	0.51	cps
Iron	57-2	3015114	3010359	3008670	3011381	0.11	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 11:33:41	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	6621891	6547815	6617701	6595802	0.63	cps
Krypton	83-1	127	167	150	148	13.60	cps
Lead	206-1	32657019	32960036	33220896	32945984	0.86	cps
Lead	207-1	28791784	29275717	29212435	29093312	0.90	cps
Lead	208-1	135044519	137959614	137406360	136803498	1.13	cps
Lithium	6-1	2935990	2886919	2935636	2919515	0.97	cps
Magnesium	24-2	28303788	27770150	28274003	28115980	1.07	cps
Manganese	55-2	20583776	20276139	20280937	20380284	0.86	cps
Molybdenum	94-1	22050660	22702810	22824318	22525929	1.85	cps
Molybdenum	95-1	31597830	32263400	32800367	32220532	1.87	cps
Molybdenum	96-1	34188990	34850830	35539615	34859812	1.94	cps
Molybdenum	97-1	19476461	19772946	20098508	19782638	1.57	cps
Molybdenum	98-1	50309600	51459917	51468220	51079246	1.30	cps
Neodymium	150-1	2080	2520	2254	2285	9.70	cps
Neodymium	150-2	503	460	513	492	5.76	cps
Nickel	60-2	888061	896878	888733	891224	0.55	cps
Phosphorus	31-2	159146	160948	162144	160746	0.94	cps
Potassium	39-2	15666275	15796209	15683422	15715302	0.45	cps
Rhodium	103-1	6322955	6346307	6353781	6341014	0.25	cps
Rhodium	103-2	3554389	3657782	3550845	3587672	1.69	cps
Scandium	45-1	4874910	4836904	4889246	4867020	0.56	cps
Scandium	45-2	374636	376804	373511	374984	0.45	cps
Selenium	82-1	107110	110071	110790	109324	1.78	cps
Selenium	77-2	10657	9930	10214	10267	3.57	cps
Selenium	78-2	34562	34648	34950	34720	0.59	cps
Silicon	28-1	48055328	48478351	48874523	48469401	0.85	cps
Silver	107-1	7815084	7954299	7907174	7892186	0.90	cps
Silver	109-1	7303860	7441161	7422615	7389212	1.01	cps
Sodium	23-2	45638402	46038841	45901547	45859597	0.44	cps
Strontium	86-1	56301433	58191993	58883110	57792178	2.31	cps
Strontium	88-1	499064044	510543161	511096795	506901334	1.34	cps
Sulfur	34-1	911826	931967	924327	922707	1.10	cps
Terbium	159-1	10904799	10866137	10898170	10889702	0.19	cps
Terbium	159-2	7501843	7583298	7391172	7492104	1.29	cps
Thallium	203-1	7554984	7778372	7800151	7711169	1.76	cps
Thallium	205-1	18507009	18784232	18767536	18686259	0.83	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 11:33:41	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	5125970	5269890	5260467	5218775	1.54	cps
Titanium	47-1	8970528	9239562	9298627	9169573	1.91	cps
Uranium	238-1	26462086	27062789	27620526	27048467	2.14	cps
Vanadium	51-2	2166034	2117698	2148056	2143929	1.14	cps
Yttrium	89-1	10592175	10653455	10758586	10668072	0.79	cps
Yttrium	89-2	2518855	2525163	2525310	2523109	0.15	cps
Zinc	66-2	3882014	3807469	3887829	3859104	1.16	cps
Zirconium	90-1	11510582	11786233	11855114	11717310	1.56	cps
Zirconium	91-1	2598971	2675924	2713213	2662703	2.19	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 11:36:28	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15805657	15965813	15983722	15918397	0.62	cps
Antimony	121-1	4559	4334	4326	4406	3.01	cps
Arsenic	75-2	96	91	96	94	3.40	cps
Barium	135-1	7544	6618	6235	6799	9.90	cps
Barium	137-1	12639	10813	10521	11324	10.14	cps
Beryllium	9-1	900	823	633	786	17.48	cps
Bismuth	209-1	5881783	5740907	5803530	5808740	1.22	cps
Bismuth	209-2	4891403	4716811	4740474	4782896	1.98	cps
Boron	10-1	23927	22717	19888	22177	9.35	cps
Boron	11-1	112548	101607	91226	101794	10.47	cps
Bromine	81-1	49099	46934	46131	47388	3.24	cps
Bromine	81-2	80	70	120	90	29.40	cps
Cadmium	111-1	5032	4561	4607	4733	5.48	cps
Cadmium	106-1	6060	5593	5626	5760	4.52	cps
Cadmium	108-1	92	113	104	103	10.20	cps
Calcium	43-1	9758501	9910824	9824791	9831372	0.78	cps
Calcium	44-1	156929087	157295054	157198479	157140873	0.12	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	23725	23235	22934	23298	1.71	cps
Cobalt	59-2	4844	5001	4787	4878	2.27	cps
Copper	63-2	9670	9043	8939	9217	4.29	cps
Dysprosium	156-1	1442	1575	1592	1536	5.35	cps
Dysprosium	156-2	950	960	993	968	2.34	cps
Erbium	164-1	158	125	133	139	12.49	cps
Erbium	164-2	127	77	93	99	25.75	cps
Gadolinium	160-1	1542	1367	1608	1506	8.29	cps
Gadolinium	160-2	1453	1413	1510	1459	3.33	cps
Holmium	165-1	10686965	10551103	10415680	10551250	1.29	cps
Holmium	165-2	7694113	7301682	7397931	7464575	2.74	cps
Indium	115-1	6814659	6840937	6839483	6831693	0.22	cps
Indium	115-2	2528407	2448837	2497145	2491463	1.61	cps
Iron	56-2	555176701	553327323	552479801	553661275	0.25	cps
Iron	57-2	13859056	13776902	13756008	13797322	0.39	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 11:36:28	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	30166621	30461802	30117095	30248506	0.62	cps
Krypton	83-1	190	147	150	162	14.86	cps
Lead	206-1	17244	13985	12523	14584	16.57	cps
Lead	207-1	14397	11794	10048	12080	18.11	cps
Lead	208-1	69634	56481	49047	58388	17.85	cps
Lithium	6-1	2718174	2755341	2772044	2748520	1.00	cps
Magnesium	24-2	140434075	141045820	141142242	140874046	0.27	cps
Manganese	55-2	23889	23335	23024	23416	1.87	cps
Molybdenum	94-1	13882	12781	10562	12408	13.63	cps
Molybdenum	95-1	19563	16101	14391	16685	15.80	cps
Molybdenum	96-1	42972	38309	36204	39162	8.84	cps
Molybdenum	97-1	12481	10162	8436	10360	19.59	cps
Molybdenum	98-1	30424	25373	22376	26057	15.61	cps
Neodymium	150-1	40	47	73	53	33.08	cps
Neodymium	150-2	47	60	23	43	42.83	cps
Nickel	60-2	3494	3524	3610	3543	1.71	cps
Phosphorus	31-2	383	383	242	336	24.34	cps
Potassium	39-2	78157760	78241189	78890364	78429771	0.51	cps
Rhodium	103-1	5712740	5629050	5687334	5676375	0.76	cps
Rhodium	103-2	3240000	3128607	3185154	3184587	1.75	cps
Scandium	45-1	4867272	4847807	4894109	4869729	0.48	cps
Scandium	45-2	388395	376203	382786	382461	1.60	cps
Selenium	82-1	284	308	236	276	13.14	cps
Selenium	77-2	10	10	0	7	86.60	cps
Selenium	78-2	213	174	191	193	10.13	cps
Silicon	28-1	1238223	1499981	1548342	1428849	11.68	cps
Silver	107-1	5593	5084	4251	4976	13.62	cps
Silver	109-1	5118	4517	4176	4604	10.36	cps
Sodium	23-2	225563661	224757599	227726722	226015994	0.68	cps
Strontium	86-1	34140	28295	24321	28918	17.08	cps
Strontium	88-1	298904	249060	209224	252396	17.80	cps
Sulfur	34-1	170823	168051	174421	171099	1.87	cps
Terbium	159-1	10577798	10483556	10290397	10450583	1.40	cps
Terbium	159-2	7324851	7104353	7182409	7203871	1.55	cps
Thallium	203-1	3209	2659	2309	2725	16.65	cps
Thallium	205-1	8278	6202	5301	6593	23.15	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 11:36:28	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	7936	7886	7202	7674	5.34	cps
Titanium	47-1	5393	4184	3526	4367	21.68	cps
Uranium	238-1	8962	6985	4968	6972	28.64	cps
Vanadium	51-2	917	903	810	877	6.63	cps
Yttrium	89-1	10468818	10477980	10285991	10410930	1.04	cps
Yttrium	89-2	2558159	2402246	2441453	2467286	3.29	cps
Zinc	66-2	4701	4747	4384	4611	4.29	cps
Zirconium	90-1	7269	5384	4968	5874	20.87	cps
Zirconium	91-1	1600	1158	1150	1303	19.76	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	ICV16	Instrumnet Name :	P7
Client Sample ID :	ICV16	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 12:11:08	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	88481	89369	88615	88822	0.54	cps
Antimony	121-1	1020956	1080771	1105144	1068957	4.05	cps
Arsenic	75-2	57490	57808	57784	57694	0.31	cps
Barium	135-1	165293	176543	175819	172552	3.65	cps
Barium	137-1	284003	301771	308482	298085	4.24	cps
Beryllium	9-1	168265	180247	180854	176455	4.02	cps
Bismuth	209-1	8287567	8095015	8249648	8210743	1.24	cps
Bismuth	209-2	6759904	6776782	6565707	6700798	1.75	cps
Boron	10-1	1400	1600	1675	1558	9.12	cps
Boron	11-1	6852	6810	6810	6824	0.35	cps
Bromine	81-1	53506	54175	52996	53559	1.10	cps
Bromine	81-2	60	40	40	47	24.74	cps
Cadmium	111-1	175311	184960	185606	181959	3.17	cps
Cadmium	106-1	22510	23010	23202	22907	1.56	cps
Cadmium	108-1	11305	12314	12543	12054	5.47	cps
Calcium	43-1	45594	47300	46998	46631	1.95	cps
Calcium	44-1	720861	770289	779582	756910	4.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	272000	269977	269736	270571	0.46	cps
Cobalt	59-2	425390	423337	423355	424027	0.28	cps
Copper	63-2	284147	282251	282403	282934	0.37	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	30	10	13	18	60.28	cps
Erbium	164-1	100	92	108	100	8.33	cps
Erbium	164-2	57	60	83	67	21.79	cps
Gadolinium	160-1	42	58	58	53	18.23	cps
Gadolinium	160-2	443	347	497	429	17.73	cps
Holmium	165-1	11955722	11989006	12059597	12001442	0.44	cps
Holmium	165-2	8460884	8300183	8330283	8363783	1.02	cps
Indium	115-1	8453778	8487908	8703858	8548515	1.59	cps
Indium	115-2	3015224	3006068	2997206	3006166	0.30	cps
Iron	56-2	5111179	5164228	5099190	5124866	0.68	cps
Iron	57-2	131503	130500	131183	131062	0.39	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	ICV16	Instrumnet Name :	P7
Client Sample ID :	ICV16	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 12:11:08	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	301532	298979	299455	299989	0.45	cps
Krypton	83-1	147	107	117	123	16.88	cps
Lead	206-1	1389253	1479275	1482521	1450350	3.65	cps
Lead	207-1	1125525	1185936	1191138	1167533	3.12	cps
Lead	208-1	5757119	6078921	6156562	5997534	3.53	cps
Lithium	6-1	3417284	3393467	3437265	3416005	0.64	cps
Magnesium	24-2	352805	350192	349919	350972	0.45	cps
Manganese	55-2	226389	225945	225617	225984	0.17	cps
Molybdenum	94-1	342	208	325	292	24.91	cps
Molybdenum	95-1	183	183	125	164	20.55	cps
Molybdenum	96-1	558	633	608	600	6.36	cps
Molybdenum	97-1	58	125	108	97	35.69	cps
Molybdenum	98-1	400	308	317	342	14.84	cps
Neodymium	150-1	60	53	73	62	16.37	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	109923	110134	109482	109846	0.30	cps
Phosphorus	31-2	308	308	333	317	4.56	cps
Potassium	39-2	738855	723402	723987	728748	1.20	cps
Rhodium	103-1	7881653	7936709	7904075	7907479	0.35	cps
Rhodium	103-2	4272102	4329755	4292542	4298133	0.68	cps
Scandium	45-1	5600611	5617386	5581902	5599966	0.32	cps
Scandium	45-2	424369	420621	417014	420668	0.87	cps
Selenium	82-1	24964	26995	26452	26137	4.02	cps
Selenium	77-2	2607	2427	2414	2482	4.35	cps
Selenium	78-2	8697	8288	8445	8477	2.44	cps
Silicon	28-1	284086	287379	288511	286659	0.80	cps
Silver	107-1	428592	453185	464933	448903	4.13	cps
Silver	109-1	408037	436880	439393	428103	4.07	cps
Sodium	23-2	989978	979833	976235	982016	0.73	cps
Strontium	86-1	750	1058	850	886	17.75	cps
Strontium	88-1	5985	6151	6460	6199	3.89	cps
Sulfur	34-1	194916	193051	191344	193104	0.92	cps
Terbium	159-1	11838072	11995480	12051510	11961687	0.93	cps
Terbium	159-2	7997406	8010362	8092155	8033308	0.64	cps
Thallium	203-1	1854446	1942933	1965668	1921015	3.06	cps
Thallium	205-1	4530881	4708033	4720271	4653062	2.28	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	ICV16	Instrumnet Name :	P7
Client Sample ID :	ICV16	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 12:11:08	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	700	825	842	789	9.82	cps
Titanium	47-1	150	108	117	125	17.64	cps
Uranium	238-1	67	33	75	58	37.80	cps
Vanadium	51-2	227098	224736	223179	225004	0.88	cps
Yttrium	89-1	11955316	11948420	12065583	11989773	0.55	cps
Yttrium	89-2	2824256	2781838	2751663	2785919	1.31	cps
Zinc	66-2	91276	91689	90713	91226	0.54	cps
Zirconium	90-1	667	758	967	797	19.29	cps
Zirconium	91-1	458	317	283	353	26.34	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 12:23:01	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3523	3200	3389	3371	4.80	cps
Antimony	121-1	10221	10321	10779	10440	2.85	cps
Arsenic	75-2	300	335	265	300	11.73	cps
Barium	135-1	15876	16193	16635	16235	2.35	cps
Barium	137-1	27544	27920	27987	27817	0.86	cps
Beryllium	9-1	1823	1797	1940	1853	4.11	cps
Bismuth	209-1	8110852	8001673	7805499	7972675	1.94	cps
Bismuth	209-2	6611577	6644522	6541877	6599325	0.79	cps
Boron	10-1	7735	8152	8094	7994	2.82	cps
Boron	11-1	36494	40378	39568	38813	5.28	cps
Bromine	81-1	53656	51625	52804	52695	1.94	cps
Bromine	81-2	70	80	40	63	32.87	cps
Cadmium	111-1	5733	5947	5879	5853	1.86	cps
Cadmium	106-1	5960	6218	6135	6104	2.16	cps
Cadmium	108-1	163	104	158	142	22.97	cps
Calcium	43-1	11221	11780	11254	11418	2.75	cps
Calcium	44-1	182026	186494	181023	183181	1.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5648	5731	5521	5633	1.88	cps
Cobalt	59-2	4297	4404	4277	4326	1.57	cps
Copper	63-2	6361	6091	6351	6268	2.44	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	7	10	3	7	50.03	cps
Erbium	164-1	100	92	125	106	16.43	cps
Erbium	164-2	90	53	33	59	48.81	cps
Gadolinium	160-1	42	50	100	64	49.38	cps
Gadolinium	160-2	403	420	473	432	8.46	cps
Holmium	165-1	11656624	11461114	11576693	11564810	0.85	cps
Holmium	165-2	8289393	8314156	8092091	8231880	1.48	cps
Indium	115-1	8557462	8214004	8306372	8359280	2.13	cps
Indium	115-2	2928751	2950171	2937691	2938871	0.37	cps
Iron	56-2	138302	137052	138817	138057	0.66	cps
Iron	57-2	3484	3695	3584	3588	2.94	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 12:23:01	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	8965	8925	8995	8962	0.39	cps
Krypton	83-1	133	160	107	133	20.00	cps
Lead	206-1	6307	6157	6279	6248	1.28	cps
Lead	207-1	4962	5045	5301	5103	3.46	cps
Lead	208-1	26516	27163	27059	26913	1.29	cps
Lithium	6-1	3481514	3393617	3350589	3408573	1.96	cps
Magnesium	24-2	145699	147253	146428	146460	0.53	cps
Manganese	55-2	2190	2414	2344	2316	4.93	cps
Molybdenum	94-1	13381	13131	12806	13106	2.20	cps
Molybdenum	95-1	15801	16893	16718	16471	3.56	cps
Molybdenum	96-1	18379	18704	18212	18431	1.36	cps
Molybdenum	97-1	9637	10187	10421	10082	3.99	cps
Molybdenum	98-1	25481	26483	26066	26010	1.93	cps
Neodymium	150-1	7	20	20	16	49.47	cps
Neodymium	150-2	7	10	3	7	50.03	cps
Nickel	60-2	1090	1153	1043	1096	5.04	cps
Phosphorus	31-2	450	450	600	500	17.32	cps
Potassium	39-2	202685	201411	203413	202503	0.50	cps
Rhodium	103-1	7871161	7660094	7621723	7717659	1.74	cps
Rhodium	103-2	4278699	4209677	4225468	4237948	0.85	cps
Scandium	45-1	5607211	5455342	5395306	5485953	1.99	cps
Scandium	45-2	413718	410380	410872	411656	0.44	cps
Selenium	82-1	610	603	671	628	5.97	cps
Selenium	77-2	87	77	47	70	29.74	cps
Selenium	78-2	393	339	367	366	7.34	cps
Silicon	28-1	317921	327272	325483	323558	1.53	cps
Silver	107-1	8903	8828	8419	8717	2.99	cps
Silver	109-1	8419	8619	8253	8430	2.18	cps
Sodium	23-2	249258	246217	244038	246504	1.06	cps
Strontium	86-1	2484	2884	2642	2670	7.55	cps
Strontium	88-1	20891	21666	21099	21219	1.89	cps
Sulfur	34-1	193404	194417	195117	194313	0.44	cps
Terbium	159-1	11762589	11625554	11604486	11664210	0.74	cps
Terbium	159-2	7954895	7902488	7899934	7919106	0.39	cps
Thallium	203-1	7169	7352	7035	7185	2.21	cps
Thallium	205-1	17637	17645	18497	17926	2.75	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 12:23:01	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	26859	26709	26934	26834	0.43	cps
Titanium	47-1	4826	4901	4776	4834	1.30	cps
Uranium	238-1	20784	22896	21110	21597	5.26	cps
Vanadium	51-2	10947	10937	10667	10851	1.46	cps
Yttrium	89-1	12104055	11761159	11634998	11833404	2.05	cps
Yttrium	89-2	2744376	2733894	2710892	2729721	0.63	cps
Zinc	66-2	1307	1173	1353	1278	7.31	cps
Zirconium	90-1	11004	11838	11405	11416	3.65	cps
Zirconium	91-1	2709	2600	2917	2742	5.87	cps

LB Number : LB124200 Operator : Jaswal
 Lab Sample ID : ICB16 Instrumnet Name : P7
 Client Sample ID : ICB16 Dilution Factor : 1
 Date & Time Acquired : 2023-02-22 12:29:57 DataFile Name : 016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	89	111	106	13.93	cps
Antimony	121-1	83	100	58	81	26.04	cps
Arsenic	75-2	2	6	4	4	50.09	cps
Barium	135-1	33	42	42	39	12.38	cps
Barium	137-1	58	33	83	58	42.86	cps
Beryllium	9-1	107	43	83	78	41.19	cps
Bismuth	209-1	7362786	7003030	7595589	7320468	4.08	cps
Bismuth	209-2	6452989	6538423	6530639	6507350	0.73	cps
Boron	10-1	1058	1017	967	1014	4.53	cps
Boron	11-1	4292	4576	4367	4412	3.33	cps
Bromine	81-1	52151	52553	51533	52079	0.99	cps
Bromine	81-2	80	80	130	96	29.87	cps
Cadmium	111-1	3617	3869	3965	3817	4.71	cps
Cadmium	106-1	5184	5510	5660	5451	4.46	cps
Cadmium	108-1	29	13	13	18	53.30	cps
Calcium	43-1	108	92	125	108	15.38	cps
Calcium	44-1	3559	3792	3476	3609	4.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	723	710	800	744	6.52	cps
Cobalt	59-2	50	53	40	48	14.52	cps
Copper	63-2	557	587	527	557	5.39	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	13	0	0	4	173.21	cps
Erbium	164-1	100	33	75	69	48.50	cps
Erbium	164-2	83	63	43	63	31.58	cps
Gadolinium	160-1	50	25	42	39	32.73	cps
Gadolinium	160-2	433	467	403	434	7.29	cps
Holmium	165-1	10576934	10176477	10982061	10578491	3.81	cps
Holmium	165-2	7949481	8022721	8012179	7994793	0.50	cps
Indium	115-1	7603879	7235127	7872891	7570632	4.23	cps
Indium	115-2	2890412	2937360	2917825	2915199	0.81	cps
Iron	56-2	9236	9320	9625	9394	2.18	cps
Iron	57-2	189	189	206	194	4.95	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	ICB16	Instrumnet Name :	P7
Client Sample ID :	ICB16	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 12:29:57	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1787	1407	1527	1574	12.32	cps
Krypton	83-1	107	157	107	123	23.41	cps
Lead	206-1	250	339	244	278	19.08	cps
Lead	207-1	233	222	217	224	3.79	cps
Lead	208-1	1088	1297	1101	1162	10.11	cps
Lithium	6-1	3142180	3026298	3237085	3135188	3.37	cps
Magnesium	24-2	422	456	506	461	9.10	cps
Manganese	55-2	143	140	117	133	10.90	cps
Molybdenum	94-1	192	217	183	197	8.79	cps
Molybdenum	95-1	100	42	50	64	49.38	cps
Molybdenum	96-1	192	117	225	178	31.21	cps
Molybdenum	97-1	25	25	17	22	21.64	cps
Molybdenum	98-1	142	208	192	181	19.22	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	7	3	20	10	88.20	cps
Nickel	60-2	87	67	60	71	19.52	cps
Phosphorus	31-2	400	317	400	372	12.93	cps
Potassium	39-2	32168	31734	31258	31720	1.44	cps
Rhodium	103-1	7079495	6594762	7285158	6986471	5.07	cps
Rhodium	103-2	4155972	4169464	4162463	4162633	0.16	cps
Scandium	45-1	4916602	4789060	5182994	4962885	4.05	cps
Scandium	45-2	398434	403301	402865	401533	0.67	cps
Selenium	82-1	33	-17	25	14	196.92	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	170	181	185	179	4.31	cps
Silicon	28-1	272208	272218	269172	271199	0.65	cps
Silver	107-1	92	125	142	119	21.31	cps
Silver	109-1	75	67	100	81	21.53	cps
Sodium	23-2	10042	10159	10087	10096	0.58	cps
Strontium	86-1	192	458	208	286	52.21	cps
Strontium	88-1	1242	967	1125	1111	12.42	cps
Sulfur	34-1	197489	193811	196393	195898	0.96	cps
Terbium	159-1	10498521	10111471	10936833	10515608	3.93	cps
Terbium	159-2	7684750	7730866	7679173	7698263	0.37	cps
Thallium	203-1	192	92	150	144	34.77	cps
Thallium	205-1	317	308	250	292	12.45	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	ICB16	Instrumnet Name :	P7
Client Sample ID :	ICB16	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 12:29:57	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	483	425	483	464	7.26	cps
Titanium	47-1	117	92	117	108	13.32	cps
Uranium	238-1	75	108	50	78	37.63	cps
Vanadium	51-2	10	10	7	9	21.63	cps
Yttrium	89-1	10561315	10112636	10914499	10529483	3.82	cps
Yttrium	89-2	2615737	2641886	2665621	2641082	0.94	cps
Zinc	66-2	210	183	270	221	20.08	cps
Zirconium	90-1	558	483	433	492	12.80	cps
Zirconium	91-1	83	92	42	72	37.09	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	ICSA16	Instrumnet Name :	P7
Client Sample ID :	ICSA16	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 12:34:16	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15034203	14912330	14744347	14896960	0.98	cps
Antimony	121-1	5435	5568	5418	5473	1.50	cps
Arsenic	75-2	98	107	74	93	18.46	cps
Barium	135-1	2284	2559	2542	2461	6.27	cps
Barium	137-1	3826	3934	4084	3948	3.29	cps
Beryllium	9-1	477	497	443	472	5.71	cps
Bismuth	209-1	6811580	6793370	6904443	6836464	0.87	cps
Bismuth	209-2	5710917	5571268	5678346	5653510	1.29	cps
Boron	10-1	917	800	1042	919	13.15	cps
Boron	11-1	4401	4768	4526	4565	4.09	cps
Bromine	81-1	49977	49826	50278	50027	0.46	cps
Bromine	81-2	150	120	150	140	12.37	cps
Cadmium	111-1	4467	4926	4992	4795	5.96	cps
Cadmium	106-1	5043	5301	5710	5351	6.28	cps
Cadmium	108-1	2125	2009	2054	2063	2.85	cps
Calcium	43-1	2061618	2092428	2143313	2099120	1.97	cps
Calcium	44-1	32531227	33558697	33714252	33268058	1.93	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48019	47485	48829	48111	1.41	cps
Cobalt	59-2	4874	4721	4627	4741	2.63	cps
Copper	63-2	19216	19232	19329	19259	0.32	cps
Dysprosium	156-1	75	33	33	47	50.95	cps
Dysprosium	156-2	30	27	30	29	6.65	cps
Erbium	164-1	125	117	83	108	20.35	cps
Erbium	164-2	73	73	87	78	9.90	cps
Gadolinium	160-1	83	117	58	86	33.99	cps
Gadolinium	160-2	443	410	403	419	5.12	cps
Holmium	165-1	11283180	11312918	11465422	11353840	0.86	cps
Holmium	165-2	7918313	8005697	7957430	7960480	0.55	cps
Indium	115-1	7298500	7491999	7554168	7448223	1.79	cps
Indium	115-2	2686587	2618167	2649430	2651395	1.29	cps
Iron	56-2	230539338	226350766	227057188	227982431	0.98	cps
Iron	57-2	5721766	5612848	5641379	5658664	1.00	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	ICSA16	Instrumnet Name :	P7
Client Sample ID :	ICSA16	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 12:34:16	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	12422387	12317247	12570007	12436547	1.02	cps
Krypton	83-1	127	97	107	110	13.89	cps
Lead	206-1	27372	27812	27467	27550	0.84	cps
Lead	207-1	20516	20221	21223	20653	2.49	cps
Lead	208-1	101123	101549	102761	101811	0.83	cps
Lithium	6-1	3103246	3080779	3043622	3075882	0.98	cps
Magnesium	24-2	25821999	25675833	25849300	25782377	0.36	cps
Manganese	55-2	15815	15675	16269	15920	1.95	cps
Molybdenum	94-1	3411806	3488958	3500598	3467121	1.39	cps
Molybdenum	95-1	6056660	6247003	6253233	6185632	1.81	cps
Molybdenum	96-1	6393439	6629715	6626935	6550029	2.07	cps
Molybdenum	97-1	3730045	3865752	3846534	3814110	1.93	cps
Molybdenum	98-1	9537578	9847893	9852036	9745836	1.85	cps
Neodymium	150-1	20	33	60	38	53.92	cps
Neodymium	150-2	3	23	20	16	68.90	cps
Nickel	60-2	4791	4948	5101	4946	3.13	cps
Phosphorus	31-2	763290	760712	757566	760522	0.38	cps
Potassium	39-2	30040639	29780930	29570721	29797430	0.79	cps
Rhodium	103-1	6487667	6495790	6471719	6485059	0.19	cps
Rhodium	103-2	3626551	3605322	3587268	3606381	0.55	cps
Scandium	45-1	5045096	5045615	5092183	5060965	0.53	cps
Scandium	45-2	373669	374851	376131	374884	0.33	cps
Selenium	82-1	50	116	77	81	40.84	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	146	146	180	157	12.22	cps
Silicon	28-1	394399	400148	403952	399500	1.20	cps
Silver	107-1	367	258	275	300	19.44	cps
Silver	109-1	250	217	125	197	32.82	cps
Sodium	23-2	44414000	43982801	44148759	44181853	0.49	cps
Strontium	86-1	76064	77178	79975	77739	2.59	cps
Strontium	88-1	659973	677649	686776	674799	2.02	cps
Sulfur	34-1	3802338	3853462	3839176	3831659	0.69	cps
Terbium	159-1	11175432	11261787	11424640	11287287	1.12	cps
Terbium	159-2	7600948	7639516	7672902	7637789	0.47	cps
Thallium	203-1	392	542	525	486	16.91	cps
Thallium	205-1	933	1033	1192	1053	12.37	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	ICSA16	Instrumnet Name :	P7
Client Sample ID :	ICSA16	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 12:34:16	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	1225	1367	1683	1425	16.47	cps
Titanium	47-1	1846731	1953816	1918542	1906363	2.86	cps
Uranium	238-1	533	508	575	539	6.25	cps
Vanadium	51-2	500	460	423	461	8.32	cps
Yttrium	89-1	10848198	10655900	11012897	10838999	1.65	cps
Yttrium	89-2	2565658	2521088	2561403	2549383	0.96	cps
Zinc	66-2	4571	4581	4711	4621	1.69	cps
Zirconium	90-1	567	625	592	594	4.92	cps
Zirconium	91-1	200	158	83	147	40.16	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	ICSAB16	Instrumnet Name :	P7
Client Sample ID :	ICSAB16	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 12:37:45	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15571867	15302313	15542801	15472327	0.96	cps
Antimony	121-1	106821	111522	113371	110571	3.05	cps
Arsenic	75-2	5434	5414	5503	5450	0.85	cps
Barium	135-1	36330	38544	38887	37921	3.66	cps
Barium	137-1	64982	64814	65368	65055	0.44	cps
Beryllium	9-1	31064	31626	31766	31485	1.18	cps
Bismuth	209-1	7060846	6951395	7049128	7020456	0.86	cps
Bismuth	209-2	5765819	5770980	5719200	5752000	0.50	cps
Boron	10-1	883	850	850	861	2.24	cps
Boron	11-1	4076	4076	4151	4101	1.06	cps
Bromine	81-1	52778	52854	52820	52817	0.07	cps
Bromine	81-2	220	130	90	146	45.40	cps
Cadmium	111-1	36919	36740	36808	36822	0.24	cps
Cadmium	106-1	9003	8686	8519	8736	2.81	cps
Cadmium	108-1	4413	4142	4309	4288	3.19	cps
Calcium	43-1	2154515	2192522	2194704	2180580	1.04	cps
Calcium	44-1	34433272	34815064	35479552	34909296	1.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	99794	100327	98851	99657	0.75	cps
Cobalt	59-2	82478	81694	82840	82337	0.71	cps
Copper	63-2	68231	68874	68841	68649	0.53	cps
Dysprosium	156-1	33	42	33	36	13.33	cps
Dysprosium	156-2	30	27	47	34	31.11	cps
Erbium	164-1	83	100	100	94	10.18	cps
Erbium	164-2	80	80	77	79	2.44	cps
Gadolinium	160-1	108	108	50	89	37.89	cps
Gadolinium	160-2	343	397	443	394	12.69	cps
Holmium	165-1	11748831	11546802	11534163	11609932	1.04	cps
Holmium	165-2	8142951	8142246	7944791	8076663	1.41	cps
Indium	115-1	7746035	7713540	7734542	7731372	0.21	cps
Indium	115-2	2725505	2706524	2698313	2710114	0.51	cps
Iron	56-2	238516705	240931972	235862877	238437185	1.06	cps
Iron	57-2	5880775	5963780	5845244	5896600	1.03	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	ICSAB16	Instrumnet Name :	P7
Client Sample ID :	ICSAB16	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 12:37:45	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	13060330	13027536	12881540	12989802	0.73	cps
Krypton	83-1	153	137	127	139	9.70	cps
Lead	206-1	171929	176923	177386	175413	1.73	cps
Lead	207-1	138810	142535	141246	140864	1.34	cps
Lead	208-1	660178	674631	676321	670377	1.32	cps
Lithium	6-1	3093935	3093325	3060529	3082596	0.62	cps
Magnesium	24-2	26506680	26527987	26288390	26441019	0.50	cps
Manganese	55-2	58861	58567	58011	58480	0.74	cps
Molybdenum	94-1	3684000	3721041	3765557	3723533	1.10	cps
Molybdenum	95-1	6451195	6592434	6572435	6538688	1.17	cps
Molybdenum	96-1	6852300	7054956	7010894	6972717	1.53	cps
Molybdenum	97-1	4009380	4065741	4078236	4051119	0.91	cps
Molybdenum	98-1	10345986	10487281	10549869	10461045	1.00	cps
Neodymium	150-1	60	27	47	44	37.74	cps
Neodymium	150-2	20	40	7	22	75.49	cps
Nickel	60-2	23382	23983	23889	23751	1.36	cps
Phosphorus	31-2	795451	792173	793658	793761	0.21	cps
Potassium	39-2	31326290	30887398	30914501	31042730	0.79	cps
Rhodium	103-1	6648379	6581235	6667346	6632320	0.68	cps
Rhodium	103-2	3691205	3723926	3626341	3680491	1.35	cps
Scandium	45-1	5176407	5196097	5191795	5188100	0.20	cps
Scandium	45-2	381926	381307	377136	380123	0.69	cps
Selenium	82-1	2337	2435	2402	2391	2.09	cps
Selenium	77-2	233	177	270	227	20.75	cps
Selenium	78-2	843	885	933	887	5.12	cps
Silicon	28-1	416289	418925	424146	419786	0.95	cps
Silver	107-1	154678	160287	162791	159252	2.61	cps
Silver	109-1	148641	151033	150535	150069	0.84	cps
Sodium	23-2	45833739	45510444	45451380	45598521	0.45	cps
Strontium	86-1	80788	82640	84836	82755	2.45	cps
Strontium	88-1	710249	737107	730506	725954	1.93	cps
Sulfur	34-1	3967761	4009269	4046570	4007867	0.98	cps
Terbium	159-1	11637796	11637684	11739399	11671626	0.50	cps
Terbium	159-2	7864915	7741475	7911069	7839153	1.12	cps
Thallium	203-1	158847	164096	162291	161745	1.65	cps
Thallium	205-1	385124	391349	394088	390187	1.18	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	ICSAB16	Instrumnet Name :	P7
Client Sample ID :	ICSAB16	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 12:37:45	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	1533	1600	1708	1614	5.47	cps
Titanium	47-1	1955378	1990876	2008317	1984857	1.36	cps
Uranium	238-1	800	650	817	756	12.15	cps
Vanadium	51-2	43419	43248	42460	43042	1.19	cps
Yttrium	89-1	11324837	11312724	11337437	11324999	0.11	cps
Yttrium	89-2	2585709	2597218	2571380	2584769	0.50	cps
Zinc	66-2	12856	12719	12726	12767	0.60	cps
Zirconium	90-1	550	592	617	586	5.75	cps
Zirconium	91-1	200	217	233	217	7.69	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	CCV54	Instrumnet Name :	P7
Client Sample ID :	CCV54	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 12:44:41	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7973353	8005472	8051718	8010181	0.49	cps
Antimony	121-1	2468406	2467091	2485031	2473509	0.40	cps
Arsenic	75-2	120325	120304	120373	120334	0.03	cps
Barium	135-1	4254400	4399820	4303575	4319265	1.71	cps
Barium	137-1	7365848	7518345	7364723	7416305	1.19	cps
Beryllium	9-1	705009	726401	724254	718555	1.64	cps
Bismuth	209-1	6521232	6615864	6454613	6530570	1.24	cps
Bismuth	209-2	5296633	5215362	5330744	5280913	1.12	cps
Boron	10-1	459107	482523	494615	478749	3.77	cps
Boron	11-1	2185949	2222186	2332746	2246960	3.40	cps
Bromine	81-1	53406	51039	51349	51931	2.48	cps
Bromine	81-2	40	60	110	70	51.51	cps
Cadmium	111-1	721238	736771	734819	730942	1.16	cps
Cadmium	106-1	97779	100832	98970	99193	1.55	cps
Cadmium	108-1	62342	63546	63731	63206	1.19	cps
Calcium	43-1	5327546	5289193	5297853	5304864	0.38	cps
Calcium	44-1	82623702	83227741	83787721	83213055	0.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1207816	1197930	1201691	1202479	0.41	cps
Cobalt	59-2	1841892	1859603	1836568	1846021	0.65	cps
Copper	63-2	12001198	11965653	11924236	11963696	0.32	cps
Dysprosium	156-1	842	1075	1033	983	12.66	cps
Dysprosium	156-2	793	723	717	744	5.70	cps
Erbium	164-1	183	175	242	200	18.16	cps
Erbium	164-2	123	100	130	118	13.38	cps
Gadolinium	160-1	850	1025	942	939	9.32	cps
Gadolinium	160-2	1077	1133	933	1048	9.84	cps
Holmium	165-1	11139979	11110088	11185653	11145240	0.34	cps
Holmium	165-2	7976855	7854185	7811083	7880708	1.09	cps
Indium	115-1	7408157	7202254	7322348	7310920	1.41	cps
Indium	115-2	2562769	2546645	2574479	2561298	0.55	cps
Iron	56-2	287740784	286393462	286134745	286756330	0.30	cps
Iron	57-2	7161226	7189416	7198957	7183200	0.27	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	CCV54	Instrumnet Name :	P7
Client Sample ID :	CCV54	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 12:44:41	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	15815918	15584307	15648530	15682918	0.76	cps
Krypton	83-1	170	160	150	160	6.25	cps
Lead	206-1	15835466	16226217	16020471	16027385	1.22	cps
Lead	207-1	13911250	13939658	14108706	13986538	0.76	cps
Lead	208-1	65008468	66087377	66186264	65760703	0.99	cps
Lithium	6-1	2911454	2899658	2899305	2903473	0.24	cps
Magnesium	24-2	70203715	69678056	69987481	69956417	0.38	cps
Manganese	55-2	10069073	9875270	9971398	9971914	0.97	cps
Molybdenum	94-1	11317298	11553963	11758121	11543127	1.91	cps
Molybdenum	95-1	16322696	16497074	16588823	16469531	0.82	cps
Molybdenum	96-1	17707417	17959242	18035791	17900817	0.96	cps
Molybdenum	97-1	10061950	10360115	10174463	10198843	1.48	cps
Molybdenum	98-1	25944944	26464013	26378217	26262391	1.06	cps
Neodymium	150-1	1167	1133	1107	1136	2.65	cps
Neodymium	150-2	280	243	227	250	10.91	cps
Nickel	60-2	433584	427961	429342	430296	0.68	cps
Phosphorus	31-2	78677	79531	79021	79076	0.54	cps
Potassium	39-2	38971498	38944168	38982424	38966030	0.05	cps
Rhodium	103-1	6397381	6280478	6255792	6311217	1.20	cps
Rhodium	103-2	3464260	3425679	3435399	3441779	0.58	cps
Scandium	45-1	5132698	5123953	5125663	5127438	0.09	cps
Scandium	45-2	379610	377352	383058	380007	0.76	cps
Selenium	82-1	53145	54409	54197	53917	1.26	cps
Selenium	77-2	5044	4784	4948	4925	2.67	cps
Selenium	78-2	16678	16487	16711	16625	0.73	cps
Silicon	28-1	53088858	52807838	52931941	52942879	0.27	cps
Silver	107-1	3745645	3792479	3797016	3778380	0.75	cps
Silver	109-1	3557627	3588876	3597121	3581208	0.58	cps
Sodium	23-2	111112358	111290944	111959019	111454107	0.40	cps
Strontium	86-1	29597999	30030712	29822484	29817065	0.73	cps
Strontium	88-1	257198197	262977839	262632106	260936048	1.24	cps
Sulfur	34-1	561580	566011	558849	562147	0.64	cps
Terbium	159-1	11389133	11031281	11065981	11162132	1.77	cps
Terbium	159-2	7532544	7558024	7606431	7565666	0.50	cps
Thallium	203-1	3716082	3831724	3811052	3786286	1.63	cps
Thallium	205-1	9015719	9258911	9098599	9124410	1.35	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	CCV54	Instrumnet Name :	P7
Client Sample ID :	CCV54	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 12:44:41	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	2642165	2658242	2692501	2664303	0.96	cps
Titanium	47-1	4698883	4835639	4826807	4787110	1.60	cps
Uranium	238-1	12853154	13438245	13049474	13113624	2.27	cps
Vanadium	51-2	1062507	1064837	1064074	1063806	0.11	cps
Yttrium	89-1	11171744	11132179	11310947	11204957	0.84	cps
Yttrium	89-2	2595458	2534341	2541205	2557001	1.31	cps
Zinc	66-2	1866583	1856658	1871528	1864923	0.41	cps
Zirconium	90-1	6039537	6217913	6247383	6168278	1.82	cps
Zirconium	91-1	1348683	1398293	1395557	1380844	2.02	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	CCB54	Instrumnet Name :	P7
Client Sample ID :	CCB54	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 12:57:18	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	106	178	156	146	25.28	cps
Antimony	121-1	317	425	350	364	15.25	cps
Arsenic	75-2	2	4	2	2	43.30	cps
Barium	135-1	58	50	33	47	26.96	cps
Barium	137-1	142	133	133	136	3.53	cps
Beryllium	9-1	63	77	113	84	30.66	cps
Bismuth	209-1	7947458	8235953	8250231	8144547	2.10	cps
Bismuth	209-2	6826710	6852205	6883278	6854064	0.41	cps
Boron	10-1	2175	2317	2300	2264	3.42	cps
Boron	11-1	10879	10404	10412	10565	2.57	cps
Bromine	81-1	56417	57396	56375	56730	1.02	cps
Bromine	81-2	90	90	60	80	21.65	cps
Cadmium	111-1	4094	4013	3935	4014	1.98	cps
Cadmium	106-1	5818	5693	5626	5712	1.70	cps
Cadmium	108-1	17	8	17	14	34.67	cps
Calcium	43-1	133	83	67	94	36.73	cps
Calcium	44-1	4618	4659	4376	4551	3.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	763	767	827	786	4.54	cps
Cobalt	59-2	110	50	83	81	37.06	cps
Copper	63-2	683	693	870	749	14.02	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	67	75	67	69	6.93	cps
Erbium	164-2	30	70	47	49	41.10	cps
Gadolinium	160-1	83	50	42	58	37.80	cps
Gadolinium	160-2	370	450	437	419	10.23	cps
Holmium	165-1	11609234	12020384	12028944	11886187	2.02	cps
Holmium	165-2	8509266	8348717	8538127	8465370	1.21	cps
Indium	115-1	8367537	8653358	8615213	8545370	1.82	cps
Indium	115-2	3022635	3061484	3069474	3051198	0.82	cps
Iron	56-2	12099	12578	12433	12370	1.98	cps
Iron	57-2	278	339	289	302	10.78	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	CCB54	Instrumnet Name :	P7
Client Sample ID :	CCB54	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 12:57:18	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1577	1667	1886	1710	9.31	cps
Krypton	83-1	150	143	127	140	8.58	cps
Lead	206-1	644	461	472	526	19.54	cps
Lead	207-1	428	411	450	430	4.54	cps
Lead	208-1	2155	1915	1943	2004	6.55	cps
Lithium	6-1	3214950	3260881	3348543	3274791	2.07	cps
Magnesium	24-2	900	928	828	885	5.83	cps
Manganese	55-2	200	180	240	207	14.78	cps
Molybdenum	94-1	392	267	350	336	18.94	cps
Molybdenum	95-1	350	292	275	306	12.89	cps
Molybdenum	96-1	558	475	483	506	9.08	cps
Molybdenum	97-1	242	192	133	189	28.70	cps
Molybdenum	98-1	600	500	417	506	18.16	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	7	10	3	7	50.03	cps
Nickel	60-2	77	73	60	70	12.60	cps
Phosphorus	31-2	342	342	442	375	15.40	cps
Potassium	39-2	33279	33529	33053	33287	0.72	cps
Rhodium	103-1	7590195	7904286	8022767	7839083	2.85	cps
Rhodium	103-2	4423726	4372354	4420059	4405380	0.65	cps
Scandium	45-1	5372926	5564399	5614247	5517190	2.31	cps
Scandium	45-2	421361	421972	421599	421644	0.07	cps
Selenium	82-1	11	12	0	8	81.88	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	169	169	206	181	11.82	cps
Silicon	28-1	289551	283346	283656	285518	1.22	cps
Silver	107-1	158	242	192	197	21.27	cps
Silver	109-1	75	108	42	75	44.44	cps
Sodium	23-2	15297	14846	15185	15109	1.55	cps
Strontium	86-1	625	492	383	500	24.21	cps
Strontium	88-1	2925	2450	2067	2481	17.34	cps
Sulfur	34-1	192171	194889	193819	193626	0.71	cps
Terbium	159-1	11640970	12120891	11956161	11906007	2.05	cps
Terbium	159-2	8396267	8240887	8158982	8265379	1.46	cps
Thallium	203-1	175	275	275	242	23.89	cps
Thallium	205-1	633	600	650	628	4.06	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	CCB54	Instrumnet Name :	P7
Client Sample ID :	CCB54	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 12:57:18	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	450	558	517	508	10.75	cps
Titanium	47-1	217	167	175	186	14.39	cps
Uranium	238-1	125	158	117	133	16.54	cps
Vanadium	51-2	10	10	30	17	69.28	cps
Yttrium	89-1	11596330	12176225	12169247	11980601	2.78	cps
Yttrium	89-2	2826881	2815600	2836206	2826229	0.37	cps
Zinc	66-2	270	260	297	276	6.88	cps
Zirconium	90-1	625	708	633	656	7.00	cps
Zirconium	91-1	108	158	117	128	20.96	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:02:32	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3695	3701	3550	3649	2.33	cps
Antimony	121-1	10471	10746	10771	10663	1.56	cps
Arsenic	75-2	291	315	278	294	6.38	cps
Barium	135-1	16552	17928	17545	17342	4.10	cps
Barium	137-1	29489	29773	29941	29734	0.77	cps
Beryllium	9-1	1830	1803	2047	1893	7.05	cps
Bismuth	209-1	8089999	8214725	8115639	8140121	0.81	cps
Bismuth	209-2	6801341	6829791	6839884	6823672	0.29	cps
Boron	10-1	7702	8411	8686	8266	6.14	cps
Boron	11-1	39150	39927	41991	40356	3.64	cps
Bromine	81-1	58308	56585	54995	56629	2.93	cps
Bromine	81-2	150	80	70	100	43.59	cps
Cadmium	111-1	5838	5852	6356	6016	4.91	cps
Cadmium	106-1	6010	5935	6652	6199	6.36	cps
Cadmium	108-1	188	146	167	167	12.50	cps
Calcium	43-1	11571	11738	11888	11733	1.35	cps
Calcium	44-1	187718	193784	193389	191630	1.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6021	6118	5741	5960	3.28	cps
Cobalt	59-2	4184	4284	4137	4202	1.78	cps
Copper	63-2	6865	6602	6802	6756	2.04	cps
Dysprosium	156-1	0	42	8	17	132.30	cps
Dysprosium	156-2	13	7	7	9	43.25	cps
Erbium	164-1	75	83	58	72	17.63	cps
Erbium	164-2	40	60	67	56	24.98	cps
Gadolinium	160-1	58	25	42	42	40.00	cps
Gadolinium	160-2	367	493	410	423	15.21	cps
Holmium	165-1	12184211	12192256	11929396	12101955	1.24	cps
Holmium	165-2	8605686	8399425	8529453	8511521	1.23	cps
Indium	115-1	8496854	8681884	8570581	8583107	1.09	cps
Indium	115-2	3127127	3060928	3057962	3082006	1.27	cps
Iron	56-2	149714	145669	145116	146833	1.71	cps
Iron	57-2	3917	3678	3767	3788	3.19	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:02:32	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	9574	9245	9325	9381	1.83	cps
Krypton	83-1	143	120	183	149	21.51	cps
Lead	206-1	6196	6846	6957	6667	6.17	cps
Lead	207-1	5473	5835	5623	5644	3.22	cps
Lead	208-1	28361	29168	29537	29022	2.07	cps
Lithium	6-1	3357393	3319443	3347900	3341579	0.59	cps
Magnesium	24-2	150085	152396	149283	150588	1.07	cps
Manganese	55-2	2587	2597	2570	2585	0.52	cps
Molybdenum	94-1	14407	14858	14432	14566	1.74	cps
Molybdenum	95-1	17336	18370	16493	17400	5.40	cps
Molybdenum	96-1	19013	19956	19313	19427	2.48	cps
Molybdenum	97-1	10871	11038	11380	11096	2.34	cps
Molybdenum	98-1	27042	27468	27936	27482	1.63	cps
Neodymium	150-1	13	20	7	13	49.99	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1137	1107	1023	1089	5.39	cps
Phosphorus	31-2	583	475	525	528	10.27	cps
Potassium	39-2	207399	208826	205329	207185	0.85	cps
Rhodium	103-1	7964939	7960816	8008994	7978249	0.33	cps
Rhodium	103-2	4398075	4463518	4431113	4430902	0.74	cps
Scandium	45-1	5614050	5557518	5591193	5587587	0.51	cps
Scandium	45-2	424175	426252	423116	424514	0.38	cps
Selenium	82-1	612	700	594	635	8.87	cps
Selenium	77-2	60	63	67	63	5.27	cps
Selenium	78-2	391	369	359	373	4.34	cps
Silicon	28-1	341032	346557	345880	344490	0.87	cps
Silver	107-1	9195	9387	9679	9420	2.59	cps
Silver	109-1	8319	8978	8736	8678	3.84	cps
Sodium	23-2	253364	256086	253341	254263	0.62	cps
Strontium	86-1	3050	3367	2984	3134	6.54	cps
Strontium	88-1	24755	25089	25640	25161	1.78	cps
Sulfur	34-1	199887	199271	196816	198658	0.82	cps
Terbium	159-1	11926549	12130130	12041427	12032702	0.85	cps
Terbium	159-2	8202188	8248642	8277465	8242765	0.46	cps
Thallium	203-1	7819	7486	7836	7714	2.56	cps
Thallium	205-1	17570	18204	18655	18143	3.00	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:02:32	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	27844	28779	28771	28465	1.89	cps
Titanium	47-1	5043	5518	5001	5187	5.53	cps
Uranium	238-1	21460	22454	22596	22170	2.79	cps
Vanadium	51-2	11264	11104	11244	11204	0.78	cps
Yttrium	89-1	12126666	12408772	12205242	12246894	1.19	cps
Yttrium	89-2	2810269	2798972	2785930	2798390	0.44	cps
Zinc	66-2	1317	1267	1400	1328	5.07	cps
Zirconium	90-1	12606	12289	11630	12175	4.09	cps
Zirconium	91-1	2475	2709	2392	2525	6.50	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01	Instrumnet Name :	P7
Client Sample ID :	CF-1	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:19:15	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	35818574	35358285	35249341	35475400	0.85	cps
Antimony	121-1	300	342	192	278	27.88	cps
Arsenic	75-2	7798	7698	7711	7736	0.70	cps
Barium	135-1	1975273	2007689	2046930	2009964	1.79	cps
Barium	137-1	3385523	3495885	3499914	3460441	1.88	cps
Beryllium	9-1	16272	17033	16726	16677	2.30	cps
Bismuth	209-1	7338457	7044279	7064446	7149061	2.30	cps
Bismuth	209-2	5838224	5771168	5880826	5830072	0.95	cps
Boron	10-1	1808	1934	1917	1886	3.60	cps
Boron	11-1	8136	8894	8786	8605	4.77	cps
Bromine	81-1	57044	55262	57580	56629	2.14	cps
Bromine	81-2	1757	1817	1777	1783	1.71	cps
Cadmium	111-1	9618	9745	9542	9635	1.06	cps
Cadmium	106-1	13448	13498	13590	13512	0.53	cps
Cadmium	108-1	1625	1488	1833	1649	10.56	cps
Calcium	43-1	169751	175094	171395	172080	1.59	cps
Calcium	44-1	2567064	2641590	2630176	2612943	1.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	351310	344273	343114	346232	1.28	cps
Cobalt	59-2	435631	433364	429925	432973	0.66	cps
Copper	63-2	868967	859508	866150	864875	0.56	cps
Dysprosium	156-1	522746	538940	535904	532530	1.62	cps
Dysprosium	156-2	372772	375297	375128	374399	0.38	cps
Erbium	164-1	501502	519146	514857	511835	1.80	cps
Erbium	164-2	364112	360353	360342	361602	0.60	cps
Gadolinium	160-1	454058	460817	461193	458689	0.88	cps
Gadolinium	160-2	336739	337237	335085	336354	0.34	cps
Holmium	165-1	12346323	11948421	11624312	11973019	3.02	cps
Holmium	165-2	8175358	8258568	8337203	8257043	0.98	cps
Indium	115-1	8265842	7776843	7759735	7934140	3.62	cps
Indium	115-2	2738578	2767581	2759488	2755215	0.54	cps
Iron	56-2	611384325	600625880	603166791	605058999	0.93	cps
Iron	57-2	14938739	14917117	14762243	14872700	0.65	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01	Instrumnet Name :	P7
Client Sample ID :	CF-1	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:19:15	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	33407385	32741580	32645929	32931631	1.26	cps
Krypton	83-1	980	973	973	976	0.39	cps
Lead	206-1	445717	458234	459064	454338	1.65	cps
Lead	207-1	336995	344586	345332	342304	1.35	cps
Lead	208-1	1686704	1738047	1739910	1721554	1.75	cps
Lithium	6-1	3298787	3265038	3219932	3261252	1.21	cps
Magnesium	24-2	7089154	6915897	6832693	6945915	1.88	cps
Manganese	55-2	12386738	12163699	12224586	12258341	0.94	cps
Molybdenum	94-1	348709	364496	361054	358086	2.32	cps
Molybdenum	95-1	10329	10929	10854	10704	3.06	cps
Molybdenum	96-1	91780	94287	95747	93938	2.14	cps
Molybdenum	97-1	5843	7019	6302	6388	9.28	cps
Molybdenum	98-1	15367	16076	15659	15701	2.27	cps
Neodymium	150-1	657406	678145	677858	671136	1.77	cps
Neodymium	150-2	404370	398150	396724	399748	1.02	cps
Nickel	60-2	94679	93167	93929	93925	0.81	cps
Phosphorus	31-2	48277	47474	46856	47535	1.50	cps
Potassium	39-2	1863515	1813137	1788307	1821653	2.10	cps
Rhodium	103-1	7191941	6962663	6890711	7015105	2.24	cps
Rhodium	103-2	3782614	3821669	3873550	3825945	1.19	cps
Scandium	45-1	6633471	6433267	6239313	6435350	3.06	cps
Scandium	45-2	468200	467832	466619	467550	0.18	cps
Selenium	82-1	606	709	707	674	8.71	cps
Selenium	77-2	977	1110	1117	1068	7.40	cps
Selenium	78-2	1019	1085	1024	1043	3.55	cps
Silicon	28-1	8671328	9359773	8455825	8828975	5.35	cps
Silver	107-1	2117	2259	1950	2109	7.32	cps
Silver	109-1	925	1017	942	961	5.08	cps
Sodium	23-2	339166	334284	330056	334502	1.36	cps
Strontium	86-1	166738	174391	171584	170904	2.27	cps
Strontium	88-1	1515738	1521953	1530765	1522818	0.50	cps
Sulfur	34-1	207697	203016	206490	205734	1.18	cps
Terbium	159-1	12342873	11788951	11541828	11891217	3.45	cps
Terbium	159-2	7837839	7996805	7935536	7923393	1.01	cps
Thallium	203-1	6744	7160	6810	6905	3.24	cps
Thallium	205-1	17412	16594	16602	16869	2.78	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01	Instrumnet Name :	P7
Client Sample ID :	CF-1	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:19:15	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	8565	7695	8337	8199	5.50	cps
Titanium	47-1	3284140	3369060	3368572	3340591	1.46	cps
Uranium	238-1	216816	227886	225586	223429	2.61	cps
Vanadium	51-2	554558	549359	546837	550251	0.72	cps
Yttrium	89-1	18573618	18216588	18283491	18357899	1.03	cps
Yttrium	89-2	4152527	4088101	4181007	4140545	1.15	cps
Zinc	66-2	172230	169834	170333	170799	0.74	cps
Zirconium	90-1	930260	971310	984281	961950	2.93	cps
Zirconium	91-1	209254	219357	218468	215693	2.59	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-03	Instrumnet Name :	P7
Client Sample ID :	CF-2	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:22:00	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	59571968	58974635	58531803	59026135	0.88	cps
Antimony	121-1	183	233	175	197	16.00	cps
Arsenic	75-2	5449	5392	5299	5380	1.41	cps
Barium	135-1	3763174	3787217	3710079	3753490	1.05	cps
Barium	137-1	6469843	6403937	6229338	6367706	1.95	cps
Beryllium	9-1	27384	27160	26823	27123	1.04	cps
Bismuth	209-1	9287334	8665451	8590590	8847792	4.32	cps
Bismuth	209-2	7097974	6794327	6861571	6917957	2.31	cps
Boron	10-1	1400	1650	1775	1608	11.87	cps
Boron	11-1	7260	7836	8136	7744	5.75	cps
Bromine	81-1	49760	51148	51574	50827	1.87	cps
Bromine	81-2	1357	1248	1347	1317	4.61	cps
Cadmium	111-1	11629	11671	11061	11454	2.97	cps
Cadmium	106-1	14040	13974	13190	13735	3.44	cps
Cadmium	108-1	642	588	650	626	5.42	cps
Calcium	43-1	389840	392705	390673	391073	0.38	cps
Calcium	44-1	5783571	5898073	5825184	5835609	0.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	924127	917376	910426	917309	0.75	cps
Cobalt	59-2	1021412	1016663	1012135	1016737	0.46	cps
Copper	63-2	2233896	2217559	2228564	2226673	0.37	cps
Dysprosium	156-1	724470	733365	714684	724173	1.29	cps
Dysprosium	156-2	483810	481224	475255	480096	0.91	cps
Erbium	164-1	723952	723424	712628	720001	0.89	cps
Erbium	164-2	485101	480491	472239	479277	1.36	cps
Gadolinium	160-1	629323	635262	626932	630506	0.68	cps
Gadolinium	160-2	442198	437215	431493	436969	1.23	cps
Holmium	165-1	15862837	14611427	14332688	14935651	5.46	cps
Holmium	165-2	10048469	9757339	9677618	9827809	1.99	cps
Indium	115-1	10330231	9506129	9394120	9743493	5.25	cps
Indium	115-2	3344287	3234315	3213662	3264088	2.15	cps
Iron	56-2	952806377	941672865	923224043	939234428	1.59	cps
Iron	57-2	23496150	23330093	22873760	23233334	1.39	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-03	Instrumnet Name :	P7
Client Sample ID :	CF-2	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:22:00	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	51110019	50517940	50860507	50829489	0.58	cps
Krypton	83-1	1203	1260	1240	1235	2.33	cps
Lead	206-1	347891	352358	343966	348072	1.21	cps
Lead	207-1	256768	259175	258069	258004	0.47	cps
Lead	208-1	1303404	1324999	1300072	1309492	1.03	cps
Lithium	6-1	4115022	3808634	3698751	3874136	5.57	cps
Magnesium	24-2	12153945	12018374	11964718	12045679	0.81	cps
Manganese	55-2	19597766	19424285	19401208	19474420	0.55	cps
Molybdenum	94-1	104003	104925	103473	104134	0.71	cps
Molybdenum	95-1	7510	7352	6868	7244	4.62	cps
Molybdenum	96-1	61740	63531	60509	61927	2.45	cps
Molybdenum	97-1	4542	4459	4117	4373	5.15	cps
Molybdenum	98-1	9437	9645	9303	9462	1.82	cps
Neodymium	150-1	906718	906498	895688	902968	0.70	cps
Neodymium	150-2	511388	502833	500911	505044	1.10	cps
Nickel	60-2	231833	230902	230708	231148	0.26	cps
Phosphorus	31-2	70831	69575	73368	71258	2.71	cps
Potassium	39-2	2935888	2909290	2933163	2926114	0.50	cps
Rhodium	103-1	8808099	8206200	7955815	8323371	5.26	cps
Rhodium	103-2	4581210	4424867	4326176	4444084	2.89	cps
Scandium	45-1	9633237	9007877	9006209	9215774	3.92	cps
Scandium	45-2	669268	657348	653772	660129	1.23	cps
Selenium	82-1	815	788	811	805	1.80	cps
Selenium	77-2	1270	1250	1243	1255	1.11	cps
Selenium	78-2	1254	1126	1174	1185	5.45	cps
Silicon	28-1	10439348	10688306	10117046	10414900	2.75	cps
Silver	107-1	1158	1575	1217	1317	17.14	cps
Silver	109-1	933	867	733	844	12.06	cps
Sodium	23-2	881350	875717	877781	878283	0.32	cps
Strontium	86-1	615607	614682	604313	611534	1.03	cps
Strontium	88-1	5451016	5477846	5316685	5415182	1.59	cps
Sulfur	34-1	189970	195600	191327	192299	1.53	cps
Terbium	159-1	15767816	14408888	14271609	14816104	5.58	cps
Terbium	159-2	9753844	9577228	9319044	9550038	2.29	cps
Thallium	203-1	14174	13657	13557	13796	2.40	cps
Thallium	205-1	35430	33517	32581	33843	4.29	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-03	Instrumnet Name :	P7
Client Sample ID :	CF-2	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:22:00	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	17728	17661	16977	17455	2.38	cps
Titanium	47-1	5516088	5588115	5457344	5520515	1.19	cps
Uranium	238-1	170073	172264	168660	170333	1.07	cps
Vanadium	51-2	1250975	1240802	1235634	1242471	0.63	cps
Yttrium	89-1	25083024	23871280	23596379	24183561	3.27	cps
Yttrium	89-2	5394071	5255879	5260280	5303410	1.48	cps
Zinc	66-2	203075	202403	201755	202411	0.33	cps
Zirconium	90-1	266915	277243	269073	271077	2.01	cps
Zirconium	91-1	59321	61027	60007	60118	1.43	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01DUP	Instrumnet Name :	P7
Client Sample ID :	CF-1DUP	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:24:47	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33956965	34174578	34073613	34068385	0.32	cps
Antimony	121-1	200	325	217	247	27.45	cps
Arsenic	75-2	7491	7439	7224	7385	1.92	cps
Barium	135-1	1972942	1915365	1915270	1934526	1.72	cps
Barium	137-1	3267284	3329942	3351808	3316345	1.32	cps
Beryllium	9-1	15441	15701	15454	15532	0.94	cps
Bismuth	209-1	6540649	7237477	7308633	7028920	6.04	cps
Bismuth	209-2	5886695	5933688	5848734	5889706	0.72	cps
Boron	10-1	1683	1825	1708	1739	4.35	cps
Boron	11-1	8594	8077	7802	8158	4.93	cps
Bromine	81-1	56719	56768	56099	56529	0.66	cps
Bromine	81-2	1507	1627	1727	1620	6.79	cps
Cadmium	111-1	9120	9434	9789	9448	3.54	cps
Cadmium	106-1	12873	13365	13690	13309	3.09	cps
Cadmium	108-1	1529	1554	1533	1539	0.87	cps
Calcium	43-1	167736	169640	169877	169084	0.69	cps
Calcium	44-1	2569832	2561318	2508370	2546506	1.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	326516	323884	324171	324857	0.44	cps
Cobalt	59-2	418919	416095	415518	416844	0.44	cps
Copper	63-2	848082	843186	846321	845863	0.29	cps
Dysprosium	156-1	504272	505312	510120	506568	0.62	cps
Dysprosium	156-2	353521	351435	353153	352703	0.32	cps
Erbium	164-1	483256	485114	483520	483963	0.21	cps
Erbium	164-2	342255	337348	339847	339817	0.72	cps
Gadolinium	160-1	430230	431741	434772	432248	0.54	cps
Gadolinium	160-2	316244	314968	316148	315787	0.23	cps
Holmium	165-1	10903522	11907703	12056718	11622647	5.40	cps
Holmium	165-2	8375539	8392028	8416391	8394652	0.24	cps
Indium	115-1	7216394	7980635	8058095	7751708	6.00	cps
Indium	115-2	2836307	2796610	2751394	2794771	1.52	cps
Iron	56-2	560013268	563807835	561045357	561622153	0.35	cps
Iron	57-2	13978490	14023981	13875504	13959325	0.54	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01DUP	Instrumnet Name :	P7
Client Sample ID :	CF-1DUP	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:24:47	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	31078625	30369324	30495462	30647804	1.23	cps
Krypton	83-1	887	967	923	926	4.33	cps
Lead	206-1	436009	436709	434915	435878	0.21	cps
Lead	207-1	326866	331640	328263	328923	0.75	cps
Lead	208-1	1649113	1663812	1650386	1654437	0.49	cps
Lithium	6-1	2987877	3185829	3164540	3112749	3.49	cps
Magnesium	24-2	6554924	6447679	6521419	6508007	0.84	cps
Manganese	55-2	11518138	11417011	11386057	11440402	0.60	cps
Molybdenum	94-1	332979	336191	337120	335430	0.65	cps
Molybdenum	95-1	9879	9887	10479	10082	3.41	cps
Molybdenum	96-1	89599	86204	86212	87339	2.24	cps
Molybdenum	97-1	6043	6377	6001	6140	3.35	cps
Molybdenum	98-1	14674	15141	15317	15044	2.21	cps
Neodymium	150-1	628188	629763	639993	632648	1.01	cps
Neodymium	150-2	377217	374517	377607	376447	0.45	cps
Nickel	60-2	91034	90233	91098	90788	0.53	cps
Phosphorus	31-2	44766	45619	45192	45192	0.94	cps
Potassium	39-2	1744096	1758598	1751048	1751247	0.41	cps
Rhodium	103-1	6315235	6869727	7125481	6770148	6.12	cps
Rhodium	103-2	3891849	3846057	3817897	3851934	0.97	cps
Scandium	45-1	5793317	6318072	6295173	6135521	4.83	cps
Scandium	45-2	468437	468007	469046	468497	0.11	cps
Selenium	82-1	597	573	595	588	2.30	cps
Selenium	77-2	903	880	910	898	1.75	cps
Selenium	78-2	1028	980	1002	1003	2.40	cps
Silicon	28-1	7892075	8271926	7933212	8032404	2.60	cps
Silver	107-1	2167	2117	2175	2153	1.47	cps
Silver	109-1	875	975	1108	986	11.87	cps
Sodium	23-2	330370	322954	327440	326921	1.14	cps
Strontium	86-1	165388	167561	168836	167262	1.04	cps
Strontium	88-1	1485491	1481890	1484599	1483993	0.13	cps
Sulfur	34-1	198335	199490	198528	198784	0.31	cps
Terbium	159-1	10853988	11937196	12112348	11634511	5.86	cps
Terbium	159-2	8083761	8029195	8112171	8075042	0.52	cps
Thallium	203-1	6368	6985	6802	6719	4.72	cps
Thallium	205-1	15951	15801	15684	15812	0.85	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01DUP	Instrumnet Name :	P7
Client Sample ID :	CF-1DUP	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:24:47	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	8646	7019	7545	7737	10.73	cps
Titanium	47-1	3015846	3021567	3062771	3033394	0.84	cps
Uranium	238-1	208672	211659	210738	210356	0.73	cps
Vanadium	51-2	522376	519727	520665	520923	0.26	cps
Yttrium	89-1	16613531	18065273	17862558	17513787	4.49	cps
Yttrium	89-2	4060665	4090155	4108039	4086286	0.59	cps
Zinc	66-2	164039	164821	161729	163530	0.98	cps
Zirconium	90-1	886050	899888	906598	897512	1.17	cps
Zirconium	91-1	201288	205796	202152	203079	1.18	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01LX5	Instrumnet Name :	P7
Client Sample ID :	CF-1L	Dilution Factor :	5
Date & Time Acquired :	2023-02-22 13:27:33	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7557206	7531607	7567812	7552208	0.25	cps
Antimony	121-1	92	133	92	106	22.79	cps
Arsenic	75-2	1756	1791	1804	1783	1.40	cps
Barium	135-1	421690	421183	417979	420284	0.48	cps
Barium	137-1	720864	725123	729064	725017	0.57	cps
Beryllium	9-1	3781	3760	3727	3756	0.72	cps
Bismuth	209-1	8340263	8162674	8131914	8211617	1.37	cps
Bismuth	209-2	6711121	6568163	6541794	6607026	1.38	cps
Boron	10-1	800	850	900	850	5.88	cps
Boron	11-1	4234	4651	4326	4404	4.97	cps
Bromine	81-1	54543	53155	53498	53732	1.35	cps
Bromine	81-2	469	429	499	466	7.53	cps
Cadmium	111-1	6162	6151	5782	6031	3.58	cps
Cadmium	106-1	8719	8720	8077	8505	4.36	cps
Cadmium	108-1	388	421	329	379	12.24	cps
Calcium	43-1	35993	37681	36394	36689	2.40	cps
Calcium	44-1	589390	599613	583721	590908	1.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	74844	73967	73729	74180	0.79	cps
Cobalt	59-2	95115	94355	93646	94372	0.78	cps
Copper	63-2	199005	197989	195727	197574	0.85	cps
Dysprosium	156-1	114171	117364	115801	115779	1.38	cps
Dysprosium	156-2	79373	78890	78240	78834	0.72	cps
Erbium	164-1	109200	111677	109636	110171	1.20	cps
Erbium	164-2	76116	76528	75771	76138	0.50	cps
Gadolinium	160-1	99653	100023	97068	98915	1.63	cps
Gadolinium	160-2	70577	70707	70999	70761	0.31	cps
Holmium	165-1	12724838	12372516	12322018	12473124	1.76	cps
Holmium	165-2	8676410	8561746	8495578	8577911	1.07	cps
Indium	115-1	8877137	8622800	8462514	8654150	2.42	cps
Indium	115-2	3017192	3000361	3003026	3006859	0.30	cps
Iron	56-2	131645675	130847381	129571433	130688163	0.80	cps
Iron	57-2	3229325	3183679	3223067	3212024	0.77	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01LX5	Instrumnet Name :	P7
Client Sample ID :	CF-1L	Dilution Factor :	5
Date & Time Acquired :	2023-02-22 13:27:33	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	7044773	6975191	7024368	7014777	0.51	cps
Krypton	83-1	270	293	300	288	5.47	cps
Lead	206-1	101723	102399	101767	101963	0.37	cps
Lead	207-1	77399	77372	76367	77046	0.76	cps
Lead	208-1	387818	388334	385194	387115	0.43	cps
Lithium	6-1	3285309	3355710	3357393	3332804	1.23	cps
Magnesium	24-2	1498870	1463497	1484530	1482299	1.20	cps
Manganese	55-2	2626509	2640067	2624218	2630265	0.33	cps
Molybdenum	94-1	76048	75553	75294	75632	0.51	cps
Molybdenum	95-1	2384	2275	2684	2447	8.64	cps
Molybdenum	96-1	19597	20306	20206	20036	1.92	cps
Molybdenum	97-1	1567	1658	1600	1608	2.88	cps
Molybdenum	98-1	3726	3317	3392	3478	6.25	cps
Neodymium	150-1	145199	146990	144720	145636	0.82	cps
Neodymium	150-2	84468	85159	84079	84569	0.65	cps
Nickel	60-2	21375	21549	20604	21176	2.37	cps
Phosphorus	31-2	11071	10587	11029	10896	2.46	cps
Potassium	39-2	434617	431517	432778	432970	0.36	cps
Rhodium	103-1	7925515	7914269	7689833	7843206	1.70	cps
Rhodium	103-2	4273822	4245802	4273804	4264476	0.38	cps
Scandium	45-1	5956651	5879447	5801782	5879293	1.32	cps
Scandium	45-2	430784	429677	426218	428893	0.56	cps
Selenium	82-1	192	161	209	187	12.91	cps
Selenium	77-2	243	183	237	221	14.87	cps
Selenium	78-2	359	346	369	358	3.12	cps
Silicon	28-1	2536598	2824158	3130901	2830552	10.50	cps
Silver	107-1	592	650	592	611	5.51	cps
Silver	109-1	308	217	192	239	25.72	cps
Sodium	23-2	78772	78114	77606	78164	0.75	cps
Strontium	86-1	37181	37807	37540	37509	0.84	cps
Strontium	88-1	324772	328004	322978	325251	0.78	cps
Sulfur	34-1	183458	184242	180532	182744	1.07	cps
Terbium	159-1	12563353	12468979	12308549	12446960	1.03	cps
Terbium	159-2	8245807	8353004	8135192	8244668	1.32	cps
Thallium	203-1	2042	1800	1842	1895	6.82	cps
Thallium	205-1	4501	4326	4334	4387	2.25	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01LX5	Instrumnet Name :	P7
Client Sample ID :	CF-1L	Dilution Factor :	5
Date & Time Acquired :	2023-02-22 13:27:33	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	2526	4237	1709	2824	45.70	cps
Titanium	47-1	720443	717753	717413	718537	0.23	cps
Uranium	238-1	47917	48292	48885	48365	1.01	cps
Vanadium	51-2	117425	115313	116179	116306	0.91	cps
Yttrium	89-1	13786748	13764431	13628700	13726626	0.62	cps
Yttrium	89-2	3114236	3087501	3090077	3097271	0.48	cps
Zinc	66-2	42400	41835	42814	42350	1.16	cps
Zirconium	90-1	205499	204942	205759	205400	0.20	cps
Zirconium	91-1	46374	45856	45413	45881	1.05	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01MS	Instrumnet Name :	P7
Client Sample ID :	CF-1MS	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:30:23	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	45788476	44984437	45213205	45328706	0.91	cps
Antimony	121-1	1235540	1248010	1216573	1233374	1.28	cps
Arsenic	75-2	179401	177139	177179	177906	0.73	cps
Barium	135-1	7712433	7745549	7493993	7650659	1.79	cps
Barium	137-1	13337823	13225156	12923680	13162220	1.63	cps
Beryllium	9-1	1066678	1100544	1080702	1082641	1.57	cps
Bismuth	209-1	8779646	8536083	8457497	8591076	1.96	cps
Bismuth	209-2	6677134	6581087	6683274	6647165	0.86	cps
Boron	10-1	160929	169519	171558	167335	3.37	cps
Boron	11-1	763064	798962	816367	792797	3.43	cps
Bromine	81-1	49559	50956	52176	50897	2.57	cps
Bromine	81-2	1258	1068	1298	1208	10.16	cps
Cadmium	111-1	1069125	1073497	1061363	1067995	0.58	cps
Cadmium	106-1	124196	125800	121532	123842	1.74	cps
Cadmium	108-1	78356	80555	79260	79390	1.39	cps
Calcium	43-1	1562442	1574363	1543534	1560113	1.00	cps
Calcium	44-1	24763344	25239816	24075070	24692743	2.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2007628	1986812	1983452	1992631	0.66	cps
Cobalt	59-2	2875192	2859477	2841326	2858665	0.59	cps
Copper	63-2	15734917	15647693	15313274	15565295	1.43	cps
Dysprosium	156-1	530402	537855	530565	532941	0.80	cps
Dysprosium	156-2	360688	356316	357804	358269	0.62	cps
Erbium	164-1	511574	508583	505787	508648	0.57	cps
Erbium	164-2	344558	339842	340713	341704	0.73	cps
Gadolinium	160-1	464134	466602	459987	463574	0.72	cps
Gadolinium	160-2	325839	321014	321247	322700	0.84	cps
Holmium	165-1	14602277	14388981	14302244	14431167	1.07	cps
Holmium	165-2	9741002	9578872	9537943	9619272	1.12	cps
Indium	115-1	9544954	9328225	9141455	9338211	2.16	cps
Indium	115-2	3131956	3101430	3106771	3113386	0.52	cps
Iron	56-2	856214508	846689752	849210375	850704878	0.58	cps
Iron	57-2	21488185	21231442	20935248	21218292	1.30	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01MS	Instrumnet Name :	P7
Client Sample ID :	CF-1MS	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:30:23	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	47299981	46450725	46253001	46667902	1.19	cps
Krypton	83-1	857	860	790	836	4.73	cps
Lead	206-1	20644937	20967894	20508250	20707027	1.14	cps
Lead	207-1	17811074	17985550	17656335	17817653	0.92	cps
Lead	208-1	84336710	85857741	83785256	84659902	1.27	cps
Lithium	6-1	3890843	3837155	3739529	3822509	2.01	cps
Magnesium	24-2	32018671	31526622	31441538	31662277	0.98	cps
Manganese	55-2	26801412	26465065	26372513	26546330	0.85	cps
Molybdenum	94-1	5506918	5561000	5595773	5554564	0.81	cps
Molybdenum	95-1	7370204	7428621	7297180	7365335	0.89	cps
Molybdenum	96-1	8123255	8212622	8064000	8133292	0.92	cps
Molybdenum	97-1	4585085	4635741	4536046	4585624	1.09	cps
Molybdenum	98-1	11739337	11836301	11575286	11716975	1.13	cps
Neodymium	150-1	698675	696401	687278	694118	0.87	cps
Neodymium	150-2	395663	390076	388985	391575	0.91	cps
Nickel	60-2	669377	668784	661725	666629	0.64	cps
Phosphorus	31-2	49171	47357	48226	48251	1.88	cps
Potassium	39-2	10057119	9962410	10059126	10026218	0.55	cps
Rhodium	103-1	8118142	7962254	7832211	7970869	1.80	cps
Rhodium	103-2	4286191	4190641	4212186	4229673	1.18	cps
Scandium	45-1	7546847	7469350	7370523	7462240	1.18	cps
Scandium	45-2	538446	529194	528325	531988	1.05	cps
Selenium	82-1	81741	84187	82813	82914	1.48	cps
Selenium	77-2	8206	8703	8466	8458	2.94	cps
Selenium	78-2	25900	25613	25787	25767	0.56	cps
Silicon	28-1	26162169	26647453	25955857	26255160	1.35	cps
Silver	107-1	12614	13256	13065	12978	2.54	cps
Silver	109-1	8111	8553	8152	8272	2.95	cps
Sodium	23-2	29158122	28524509	28857053	28846561	1.10	cps
Strontium	86-1	1742582	1764199	1693069	1733283	2.10	cps
Strontium	88-1	15006435	14972402	14688078	14888972	1.17	cps
Sulfur	34-1	210467	210771	212783	211341	0.60	cps
Terbium	159-1	14576679	14173988	14120436	14290367	1.75	cps
Terbium	159-2	9284175	9155008	9058156	9165780	1.24	cps
Thallium	203-1	4884907	4845697	4746461	4825688	1.48	cps
Thallium	205-1	11679154	11599968	11452760	11577294	0.99	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01MS	Instrumnet Name :	P7
Client Sample ID :	CF-1MS	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:30:23	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	2695864	2727352	2652092	2691769	1.40	cps
Titanium	47-1	5590277	5662123	5472930	5575110	1.71	cps
Uranium	238-1	17200191	17114929	16882750	17065957	0.96	cps
Vanadium	51-2	2049369	2062166	2032731	2048088	0.72	cps
Yttrium	89-1	20543829	20414342	19960201	20306124	1.51	cps
Yttrium	89-2	4522273	4453641	4474703	4483539	0.78	cps
Zinc	66-2	2915166	2916955	2841791	2891304	1.48	cps
Zirconium	90-1	3784244	3850103	3739247	3791198	1.47	cps
Zirconium	91-1	842248	855944	842878	847024	0.91	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01MSD	Instrumnet Name :	P7
Client Sample ID :	CF-1MSD	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:32:59	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	40126993	39275152	39562477	39654874	1.09	cps
Antimony	121-1	1579068	1588580	1575870	1581173	0.42	cps
Arsenic	75-2	178173	177289	178509	177991	0.35	cps
Barium	135-1	7722903	7751374	7611397	7695225	0.96	cps
Barium	137-1	13162988	13424869	13043389	13210415	1.48	cps
Beryllium	9-1	1081240	1091717	1098219	1090392	0.79	cps
Bismuth	209-1	8341845	8428485	8206858	8325730	1.34	cps
Bismuth	209-2	6738572	6455487	6174462	6456174	4.37	cps
Boron	10-1	166286	173664	176007	171985	2.95	cps
Boron	11-1	788249	824223	833911	815461	2.95	cps
Bromine	81-1	50730	52026	51633	51463	1.29	cps
Bromine	81-2	1537	1258	1278	1357	11.49	cps
Cadmium	111-1	1069101	1080397	1058098	1069199	1.04	cps
Cadmium	106-1	131745	131719	128440	130635	1.45	cps
Cadmium	108-1	82730	83568	82705	83001	0.59	cps
Calcium	43-1	1546260	1560878	1566373	1557837	0.67	cps
Calcium	44-1	24239725	24713576	24111095	24354798	1.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1869799	1834267	1831728	1845265	1.15	cps
Cobalt	59-2	2708756	2743281	2686244	2712761	1.06	cps
Copper	63-2	15555869	15465124	15328467	15449820	0.74	cps
Dysprosium	156-1	626737	632575	628046	629120	0.49	cps
Dysprosium	156-2	425408	421584	420724	422572	0.59	cps
Erbium	164-1	554331	560089	553025	555815	0.68	cps
Erbium	164-2	372457	368883	364836	368726	1.03	cps
Gadolinium	160-1	513415	520320	511645	515127	0.89	cps
Gadolinium	160-2	361649	359444	354868	358654	0.96	cps
Holmium	165-1	14010714	13989096	13825021	13941610	0.73	cps
Holmium	165-2	9822763	9464303	8919997	9402354	4.83	cps
Indium	115-1	9031360	9058063	8962175	9017199	0.55	cps
Indium	115-2	3163177	3069018	2941401	3057865	3.64	cps
Iron	56-2	681704082	673258015	670628504	675196867	0.86	cps
Iron	57-2	16897944	16608256	16693383	16733194	0.89	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01MSD	Instrumnet Name :	P7
Client Sample ID :	CF-1MSD	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:32:59	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	36373676	36746318	36333047	36484347	0.62	cps
Krypton	83-1	887	857	1053	932	11.37	cps
Lead	206-1	20457084	20678507	20375532	20503708	0.76	cps
Lead	207-1	17441240	17615822	17254044	17437035	1.04	cps
Lead	208-1	83569615	84948932	82796336	83771628	1.30	cps
Lithium	6-1	3718958	3751807	3666341	3712369	1.16	cps
Magnesium	24-2	24974064	24611817	24421077	24668986	1.14	cps
Manganese	55-2	25787482	25830169	25501746	25706466	0.69	cps
Molybdenum	94-1	6108699	6270045	6110404	6163049	1.50	cps
Molybdenum	95-1	7411091	7528748	7440728	7460189	0.82	cps
Molybdenum	96-1	8150911	8289656	8136056	8192208	1.03	cps
Molybdenum	97-1	4527350	4690228	4596981	4604853	1.77	cps
Molybdenum	98-1	11695103	11994866	11630995	11773655	1.65	cps
Neodymium	150-1	799641	807400	791337	799459	1.00	cps
Neodymium	150-2	459832	456684	447902	454806	1.36	cps
Nickel	60-2	638620	634248	634805	635891	0.37	cps
Phosphorus	31-2	48034	46931	47491	47485	1.16	cps
Potassium	39-2	10046007	9825351	9865574	9912311	1.19	cps
Rhodium	103-1	7732432	7809736	7652041	7731403	1.02	cps
Rhodium	103-2	4323070	4159586	4012278	4164978	3.73	cps
Scandium	45-1	7187935	7265292	7128137	7193788	0.96	cps
Scandium	45-2	534455	521410	496666	517510	3.71	cps
Selenium	82-1	81625	83725	82510	82620	1.28	cps
Selenium	77-2	8599	8396	8409	8468	1.34	cps
Selenium	78-2	26056	25520	25502	25693	1.23	cps
Silicon	28-1	24883202	25470953	24599751	24984635	1.78	cps
Silver	107-1	15442	15525	14658	15208	3.15	cps
Silver	109-1	8228	8461	8361	8350	1.40	cps
Sodium	23-2	28171233	27722449	27935914	27943199	0.80	cps
Strontium	86-1	1697964	1715864	1668421	1694083	1.41	cps
Strontium	88-1	14601972	14753914	14567278	14641055	0.68	cps
Sulfur	34-1	200588	203177	202430	202065	0.66	cps
Terbium	159-1	13959460	13867622	13873011	13900031	0.37	cps
Terbium	159-2	9368146	9095691	8465591	8976476	5.16	cps
Thallium	203-1	4822954	4747158	4737561	4769224	0.98	cps
Thallium	205-1	11474677	11531059	11335704	11447147	0.88	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01MSD	Instrumnet Name :	P7
Client Sample ID :	CF-1MSD	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:32:59	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	2807504	2870572	2840342	2839472	1.11	cps
Titanium	47-1	5530153	5633030	5501869	5555017	1.24	cps
Uranium	238-1	16903545	17254211	17130722	17096159	1.04	cps
Vanadium	51-2	1870323	1858914	1860233	1863156	0.33	cps
Yttrium	89-1	20394193	20453858	20194738	20347597	0.67	cps
Yttrium	89-2	4677826	4457717	4344776	4493440	3.77	cps
Zinc	66-2	2796235	2842686	2805095	2814672	0.88	cps
Zirconium	90-1	5308227	5454394	5344298	5368973	1.42	cps
Zirconium	91-1	1184082	1224450	1200401	1202978	1.69	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01A	Instrumnet Name :	P7
Client Sample ID :	CF-1A	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:35:50	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	43861845	42989290	43010157	43287097	1.15	cps
Antimony	121-1	1132335	1160544	1157504	1150128	1.35	cps
Arsenic	75-2	175591	172850	174473	174305	0.79	cps
Barium	135-1	7570043	7693943	7656834	7640273	0.83	cps
Barium	137-1	13161300	13333450	13026894	13173881	1.17	cps
Beryllium	9-1	1053375	1083509	1054763	1063882	1.60	cps
Bismuth	209-1	8496353	8431628	8346694	8424892	0.89	cps
Bismuth	209-2	6643794	6585249	6466913	6565319	1.37	cps
Boron	10-1	164956	177245	178028	173410	4.23	cps
Boron	11-1	781864	826112	835512	814496	3.52	cps
Bromine	81-1	49559	49668	51291	50173	1.93	cps
Bromine	81-2	1028	1028	1178	1078	8.02	cps
Cadmium	111-1	1053946	1079324	1063752	1065674	1.20	cps
Cadmium	106-1	124911	126649	124741	125434	0.84	cps
Cadmium	108-1	77237	80806	80597	79547	2.52	cps
Calcium	43-1	1527268	1550863	1531157	1536429	0.82	cps
Calcium	44-1	24235787	24627650	24234630	24366022	0.93	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1934865	1927494	1897933	1920097	1.02	cps
Cobalt	59-2	2797504	2759293	2786313	2781036	0.71	cps
Copper	63-2	15376471	15258022	15232009	15288834	0.50	cps
Dysprosium	156-1	542430	562908	557366	554235	1.91	cps
Dysprosium	156-2	368032	367464	368595	368030	0.15	cps
Erbium	164-1	512727	525201	518634	518854	1.20	cps
Erbium	164-2	345173	340795	341391	342453	0.69	cps
Gadolinium	160-1	470812	482043	474311	475722	1.21	cps
Gadolinium	160-2	327547	324940	326029	326172	0.40	cps
Holmium	165-1	14212191	14403355	13899329	14171625	1.80	cps
Holmium	165-2	9532319	9436395	9333645	9434120	1.05	cps
Indium	115-1	9102001	9325173	8998631	9141935	1.83	cps
Indium	115-2	3155272	3014657	3018499	3062809	2.62	cps
Iron	56-2	809496774	804979729	794435996	802970833	0.96	cps
Iron	57-2	20083653	19807099	19672469	19854407	1.06	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01A	Instrumnet Name :	P7
Client Sample ID :	CF-1A	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:35:50	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	43702077	43268566	43256905	43409183	0.58	cps
Krypton	83-1	950	807	987	914	10.40	cps
Lead	206-1	20760459	20913835	20657745	20777347	0.62	cps
Lead	207-1	17752414	18023562	17602848	17792941	1.20	cps
Lead	208-1	84745833	85437856	84194827	84792839	0.73	cps
Lithium	6-1	3775860	3821898	3632539	3743432	2.64	cps
Magnesium	24-2	29742513	29077458	29156981	29325651	1.24	cps
Manganese	55-2	26182114	25791615	25840246	25937992	0.82	cps
Molybdenum	94-1	5826377	5955280	5877228	5886295	1.10	cps
Molybdenum	95-1	7639335	7785836	7677300	7700824	0.99	cps
Molybdenum	96-1	8376422	8573517	8459856	8469932	1.17	cps
Molybdenum	97-1	4762090	4800753	4814184	4792342	0.56	cps
Molybdenum	98-1	12075451	12500954	12179569	12251991	1.81	cps
Neodymium	150-1	710626	720291	715618	715512	0.68	cps
Neodymium	150-2	400145	396021	397873	398013	0.52	cps
Nickel	60-2	647579	639925	641670	643058	0.62	cps
Phosphorus	31-2	47424	47441	46571	47146	1.05	cps
Potassium	39-2	9936450	9921801	9804947	9887733	0.73	cps
Rhodium	103-1	7950043	7887460	7769873	7869125	1.16	cps
Rhodium	103-2	4274927	4097617	4089231	4153925	2.52	cps
Scandium	45-1	7370902	7342495	7137120	7283506	1.75	cps
Scandium	45-2	531635	519821	514971	522142	1.64	cps
Selenium	82-1	80347	83054	81865	81755	1.66	cps
Selenium	77-2	8392	7989	8326	8236	2.63	cps
Selenium	78-2	25325	24921	25090	25112	0.81	cps
Silicon	28-1	25345286	25493314	25469942	25436181	0.31	cps
Silver	107-1	4308293	4448633	4283360	4346762	2.05	cps
Silver	109-1	4470812	4508613	4040800	4340075	5.99	cps
Sodium	23-2	28350005	28164882	27585240	28033375	1.42	cps
Strontium	86-1	1703663	1709442	1687392	1700166	0.67	cps
Strontium	88-1	14679108	14798223	14595760	14691030	0.69	cps
Sulfur	34-1	197272	195851	196425	196516	0.36	cps
Terbium	159-1	14212518	14222094	13851886	14095499	1.50	cps
Terbium	159-2	9168790	9001055	9079449	9083098	0.92	cps
Thallium	203-1	4881974	4886732	4780175	4849627	1.24	cps
Thallium	205-1	11604343	11769979	11635443	11669922	0.75	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01A	Instrumnet Name :	P7
Client Sample ID :	CF-1A	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:35:50	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	2437443	2546800	2531802	2505348	2.37	cps
Titanium	47-1	5476767	5533167	5519967	5509967	0.54	cps
Uranium	238-1	16701373	17253968	16874287	16943209	1.67	cps
Vanadium	51-2	1987544	1959002	2006020	1984188	1.19	cps
Yttrium	89-1	20167383	20122700	19726496	20005526	1.21	cps
Yttrium	89-2	4476382	4405469	4403007	4428286	0.94	cps
Zinc	66-2	2838247	2806402	2797009	2813886	0.77	cps
Zirconium	90-1	4115989	4228665	4166779	4170478	1.35	cps
Zirconium	91-1	922245	951348	928099	933897	1.65	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01DLX5	Instrumnet Name :	P7
Client Sample ID :	CF-1DL	Dilution Factor :	5
Date & Time Acquired :	2023-02-22 13:43:21	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7198186	7155695	7129463	7161115	0.48	cps
Antimony	121-1	492	625	450	522	17.50	cps
Arsenic	75-2	1646	1661	1611	1640	1.57	cps
Barium	135-1	378473	395066	391501	388347	2.25	cps
Barium	137-1	660833	672587	687458	673626	1.98	cps
Beryllium	9-1	3760	3827	3660	3749	2.24	cps
Bismuth	209-1	8673942	7971599	8068542	8238028	4.62	cps
Bismuth	209-2	6503833	6511971	6582815	6532873	0.66	cps
Boron	10-1	3142	2550	2892	2861	10.38	cps
Boron	11-1	14849	14240	14440	14510	2.14	cps
Bromine	81-1	54109	52068	55982	54053	3.62	cps
Bromine	81-2	379	279	369	343	16.04	cps
Cadmium	111-1	5424	5575	5480	5493	1.39	cps
Cadmium	106-1	7652	7919	7727	7766	1.77	cps
Cadmium	108-1	363	383	346	364	5.16	cps
Calcium	43-1	33120	35208	35049	34459	3.37	cps
Calcium	44-1	543571	562928	554857	553786	1.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	69442	70514	70262	70073	0.80	cps
Cobalt	59-2	89381	88730	87523	88545	1.06	cps
Copper	63-2	187988	186881	185035	186635	0.80	cps
Dysprosium	156-1	104573	107990	110559	107707	2.79	cps
Dysprosium	156-2	74208	74762	74396	74455	0.38	cps
Erbium	164-1	97212	105975	104279	102489	4.53	cps
Erbium	164-2	72658	71418	71599	71891	0.93	cps
Gadolinium	160-1	88832	92564	93646	91681	2.75	cps
Gadolinium	160-2	67307	66681	66674	66888	0.54	cps
Holmium	165-1	13239959	12420650	12120751	12593787	4.60	cps
Holmium	165-2	8439819	8479623	8628791	8516077	1.17	cps
Indium	115-1	9223688	8549504	8609342	8794178	4.24	cps
Indium	115-2	2936611	2965959	2974131	2958900	0.67	cps
Iron	56-2	124761531	123093222	121656644	123170466	1.26	cps
Iron	57-2	3072562	3041878	3059458	3057966	0.50	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01DLX5	Instrumnet Name :	P7
Client Sample ID :	CF-1DL	Dilution Factor :	5
Date & Time Acquired :	2023-02-22 13:43:21	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	6777058	6710087	6728504	6738549	0.51	cps
Krypton	83-1	293	313	287	298	4.66	cps
Lead	206-1	92044	96837	93889	94257	2.56	cps
Lead	207-1	70518	73355	71708	71860	1.98	cps
Lead	208-1	350884	363144	360326	358118	1.79	cps
Lithium	6-1	3575272	3422630	3332022	3443308	3.57	cps
Magnesium	24-2	1408494	1399375	1388902	1398923	0.70	cps
Manganese	55-2	2521977	2510338	2439284	2490533	1.80	cps
Molybdenum	94-1	69482	72706	74217	72135	3.35	cps
Molybdenum	95-1	2617	2634	2500	2584	2.81	cps
Molybdenum	96-1	18237	19539	19088	18954	3.49	cps
Molybdenum	97-1	1783	1842	1600	1742	7.24	cps
Molybdenum	98-1	4284	3726	3876	3962	7.30	cps
Neodymium	150-1	129949	135080	136950	133993	2.71	cps
Neodymium	150-2	80374	79386	79734	79831	0.63	cps
Nickel	60-2	20184	19479	19883	19849	1.78	cps
Phosphorus	31-2	10337	10946	10204	10496	3.77	cps
Potassium	39-2	411293	413830	409951	411691	0.48	cps
Rhodium	103-1	8319225	7755557	7714028	7929603	4.26	cps
Rhodium	103-2	4185079	4155709	4164990	4168593	0.36	cps
Scandium	45-1	6321982	5836607	5785260	5981283	4.95	cps
Scandium	45-2	418376	426867	427183	424142	1.18	cps
Selenium	82-1	138	153	203	165	20.89	cps
Selenium	77-2	193	143	200	179	17.31	cps
Selenium	78-2	365	350	341	352	3.45	cps
Silicon	28-1	2417798	2805921	2699633	2641117	7.59	cps
Silver	107-1	2542	842	683	1356	76.01	cps
Silver	109-1	2209	617	500	1108	86.12	cps
Sodium	23-2	76897	77198	75646	76580	1.07	cps
Strontium	86-1	33071	35886	34157	34371	4.13	cps
Strontium	88-1	292405	303375	301158	298979	1.94	cps
Sulfur	34-1	180811	183113	180668	181531	0.76	cps
Terbium	159-1	13100563	12286899	12131857	12506439	4.16	cps
Terbium	159-2	8151039	8150363	8244173	8181859	0.66	cps
Thallium	203-1	1700	1692	1692	1695	0.28	cps
Thallium	205-1	4201	4042	4351	4198	3.67	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01DLX5	Instrumnet Name :	P7
Client Sample ID :	CF-1DL	Dilution Factor :	5
Date & Time Acquired :	2023-02-22 13:43:21	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	3403	1909	2118	2476	32.69	cps
Titanium	47-1	661884	685834	692904	680207	2.39	cps
Uranium	238-1	43969	46034	45508	45170	2.38	cps
Vanadium	51-2	111394	110753	108705	110284	1.27	cps
Yttrium	89-1	14123759	13577870	13185856	13629162	3.46	cps
Yttrium	89-2	3074394	3049012	3105466	3076291	0.92	cps
Zinc	66-2	39910	39522	39495	39643	0.59	cps
Zirconium	90-1	184736	191723	191431	189297	2.09	cps
Zirconium	91-1	39738	43648	43473	42287	5.22	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-03DLX5	Instrumnet Name :	P7
Client Sample ID :	CF-2DL	Dilution Factor :	5
Date & Time Acquired :	2023-02-22 13:46:08	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10223775	10342926	10222758	10263153	0.67	cps
Antimony	121-1	150	167	242	186	26.24	cps
Arsenic	75-2	933	924	906	921	1.54	cps
Barium	135-1	596674	602605	599670	599650	0.49	cps
Barium	137-1	1030785	1035886	1032140	1032937	0.26	cps
Beryllium	9-1	4731	4754	4924	4803	2.20	cps
Bismuth	209-1	8440244	8067938	8021590	8176591	2.81	cps
Bismuth	209-2	6757802	6693784	6657904	6703164	0.75	cps
Boron	10-1	2459	2325	2159	2314	6.50	cps
Boron	11-1	11079	11780	10562	11140	5.49	cps
Bromine	81-1	53305	54351	53983	53880	0.98	cps
Bromine	81-2	259	289	279	276	5.52	cps
Cadmium	111-1	5985	5787	5548	5773	3.79	cps
Cadmium	106-1	8086	7769	7410	7755	4.36	cps
Cadmium	108-1	125	108	146	126	14.87	cps
Calcium	43-1	65358	65768	65023	65383	0.57	cps
Calcium	44-1	1049731	1045007	1038507	1044415	0.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	158900	159170	157903	158658	0.42	cps
Cobalt	59-2	181815	179119	177516	179483	1.21	cps
Copper	63-2	405232	405312	401943	404162	0.48	cps
Dysprosium	156-1	121146	121566	120860	121190	0.29	cps
Dysprosium	156-2	82682	82722	82246	82550	0.32	cps
Erbium	164-1	119206	118711	118466	118794	0.32	cps
Erbium	164-2	81835	80316	80165	80772	1.14	cps
Gadolinium	160-1	104245	103598	103935	103926	0.31	cps
Gadolinium	160-2	74363	74755	73340	74153	0.98	cps
Holmium	165-1	12949133	12664618	12393656	12669136	2.19	cps
Holmium	165-2	8677458	8586471	8600825	8621585	0.57	cps
Indium	115-1	8931921	8680024	8570531	8727492	2.12	cps
Indium	115-2	2974993	3020732	2957184	2984303	1.10	cps
Iron	56-2	166529037	166277237	165355031	166053769	0.37	cps
Iron	57-2	4135162	4107824	4059684	4100890	0.93	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-03DLX5	Instrumnet Name :	P7
Client Sample ID :	CF-2DL	Dilution Factor :	5
Date & Time Acquired :	2023-02-22 13:46:08	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	8906605	8966956	8996076	8956545	0.51	cps
Krypton	83-1	360	340	263	321	15.89	cps
Lead	206-1	60283	60697	59826	60268	0.72	cps
Lead	207-1	44763	44485	43704	44318	1.24	cps
Lead	208-1	225423	226591	221756	224590	1.12	cps
Lithium	6-1	3417241	3407063	3305397	3376567	1.83	cps
Magnesium	24-2	2097315	2096131	2066149	2086532	0.85	cps
Manganese	55-2	3365536	3472187	3426484	3421402	1.56	cps
Molybdenum	94-1	17528	17219	17236	17327	1.00	cps
Molybdenum	95-1	1600	1450	1367	1472	8.03	cps
Molybdenum	96-1	11188	11522	10421	11043	5.11	cps
Molybdenum	97-1	742	950	925	872	13.04	cps
Molybdenum	98-1	2050	1925	2275	2084	8.51	cps
Neodymium	150-1	148007	148183	146951	147714	0.45	cps
Neodymium	150-2	87309	85283	84770	85787	1.56	cps
Nickel	60-2	42664	42564	42834	42687	0.32	cps
Phosphorus	31-2	12197	11963	12205	12122	1.13	cps
Potassium	39-2	564718	565020	560383	563374	0.46	cps
Rhodium	103-1	7940200	7708431	7605634	7751422	2.21	cps
Rhodium	103-2	4280471	4256119	4185763	4240784	1.16	cps
Scandium	45-1	6175984	6118751	6061742	6118825	0.93	cps
Scandium	45-2	450509	457270	446388	451389	1.22	cps
Selenium	82-1	176	161	201	179	11.18	cps
Selenium	77-2	203	227	143	191	22.49	cps
Selenium	78-2	339	374	376	363	5.75	cps
Silicon	28-1	2696889	2806577	2775945	2759804	2.05	cps
Silver	107-1	533	542	392	489	17.24	cps
Silver	109-1	483	325	442	417	19.70	cps
Sodium	23-2	157957	157323	155969	157083	0.65	cps
Strontium	86-1	103790	104235	101927	103318	1.19	cps
Strontium	88-1	901265	907197	898258	902240	0.50	cps
Sulfur	34-1	177877	178097	181275	179083	1.06	cps
Terbium	159-1	12871671	12539769	12331363	12580934	2.17	cps
Terbium	159-2	8275549	8355408	8145068	8258675	1.29	cps
Thallium	203-1	2300	2475	2525	2434	4.86	cps
Thallium	205-1	5943	5826	6093	5954	2.25	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-03DLX5	Instrumnet Name :	P7
Client Sample ID :	CF-2DL	Dilution Factor :	5
Date & Time Acquired :	2023-02-22 13:46:08	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	3375	3017	3426	3273	6.81	cps
Titanium	47-1	953053	953665	949164	951960	0.26	cps
Uranium	238-1	28107	27130	27673	27636	1.77	cps
Vanadium	51-2	210140	208378	209202	209240	0.42	cps
Yttrium	89-1	14236226	13801974	13932716	13990306	1.59	cps
Yttrium	89-2	3225400	3212488	3176168	3204685	0.80	cps
Zinc	66-2	37855	37557	36976	37462	1.19	cps
Zirconium	90-1	44777	45982	45471	45410	1.33	cps
Zirconium	91-1	10371	10587	9553	10170	5.36	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	CCV55	Instrumnet Name :	P7
Client Sample ID :	CCV55	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:51:15	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7561237	7577606	7630138	7589660	0.47	cps
Antimony	121-1	2289761	2288893	2302860	2293838	0.34	cps
Arsenic	75-2	114412	113809	112899	113707	0.67	cps
Barium	135-1	4034272	4060493	4010556	4035107	0.62	cps
Barium	137-1	6856821	6827315	6982408	6888848	1.20	cps
Beryllium	9-1	689617	701812	698289	696573	0.90	cps
Bismuth	209-1	6235650	6247055	6117167	6199957	1.16	cps
Bismuth	209-2	5055068	4965368	5045682	5022040	0.98	cps
Boron	10-1	442136	470527	473361	462008	3.74	cps
Boron	11-1	2077702	2153734	2233644	2155027	3.62	cps
Bromine	81-1	50069	48045	49893	49336	2.27	cps
Bromine	81-2	40	30	70	47	44.61	cps
Cadmium	111-1	680612	684892	685149	683551	0.37	cps
Cadmium	106-1	94138	93652	93786	93858	0.27	cps
Cadmium	108-1	60555	60412	60337	60435	0.18	cps
Calcium	43-1	4954348	5013694	5046287	5004776	0.93	cps
Calcium	44-1	79253708	79169671	79556948	79326775	0.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1133338	1140071	1135715	1136375	0.30	cps
Cobalt	59-2	1770949	1759198	1732507	1754218	1.12	cps
Copper	63-2	11235082	11230343	11251722	11239049	0.10	cps
Dysprosium	156-1	992	850	883	908	8.15	cps
Dysprosium	156-2	723	800	680	734	8.27	cps
Erbium	164-1	192	208	150	183	16.39	cps
Erbium	164-2	117	147	93	119	22.49	cps
Gadolinium	160-1	908	900	992	933	5.43	cps
Gadolinium	160-2	997	907	1077	993	8.56	cps
Holmium	165-1	10701739	10529925	10481619	10571094	1.09	cps
Holmium	165-2	7538349	7328008	7363751	7410036	1.52	cps
Indium	115-1	7113397	6867884	6949693	6976991	1.79	cps
Indium	115-2	2486614	2423923	2394536	2435024	1.93	cps
Iron	56-2	270091784	273824784	273100484	272339017	0.73	cps
Iron	57-2	6722007	6780633	6809938	6770859	0.66	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	CCV55	Instrumnet Name :	P7
Client Sample ID :	CCV55	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:51:15	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	14845702	14809993	14801020	14818905	0.16	cps
Krypton	83-1	150	143	160	151	5.55	cps
Lead	206-1	15039363	15322082	14786015	15049153	1.78	cps
Lead	207-1	12979488	13248156	13173066	13133570	1.06	cps
Lead	208-1	61591652	62269905	61785512	61882356	0.56	cps
Lithium	6-1	2826996	2839874	2825625	2830832	0.28	cps
Magnesium	24-2	64503246	65204635	66848111	65518664	1.84	cps
Manganese	55-2	9477078	9393270	9403562	9424637	0.48	cps
Molybdenum	94-1	10635101	10785209	10877987	10766099	1.14	cps
Molybdenum	95-1	15361750	15508559	15566168	15478826	0.68	cps
Molybdenum	96-1	16626025	16907817	16662748	16732197	0.92	cps
Molybdenum	97-1	9384108	9640459	9406042	9476870	1.50	cps
Molybdenum	98-1	24184826	24665261	24479700	24443262	0.99	cps
Neodymium	150-1	1087	1200	1020	1102	8.26	cps
Neodymium	150-2	277	270	190	246	19.64	cps
Nickel	60-2	406561	405175	403629	405122	0.36	cps
Phosphorus	31-2	74741	76952	74414	75369	1.83	cps
Potassium	39-2	36665727	36889506	36890742	36815325	0.35	cps
Rhodium	103-1	5998899	6036164	5840801	5958621	1.74	cps
Rhodium	103-2	3376798	3296267	3217121	3296729	2.42	cps
Scandium	45-1	5010523	4930770	4794890	4912061	2.22	cps
Scandium	45-2	364599	357036	361493	361043	1.05	cps
Selenium	82-1	50387	51294	51030	50904	0.92	cps
Selenium	77-2	4664	4627	4667	4653	0.48	cps
Selenium	78-2	15942	15556	15712	15737	1.23	cps
Silicon	28-1	50669930	50374623	50946398	50663650	0.56	cps
Silver	107-1	3505503	3508134	3534700	3516112	0.46	cps
Silver	109-1	3337443	3311872	3398814	3349376	1.33	cps
Sodium	23-2	106243047	107105011	107285439	106877832	0.52	cps
Strontium	86-1	27709419	27872182	27353231	27644944	0.96	cps
Strontium	88-1	244358872	243959397	243871472	244063247	0.11	cps
Sulfur	34-1	538740	544959	532372	538690	1.17	cps
Terbium	159-1	10659120	10599579	10446621	10568440	1.04	cps
Terbium	159-2	7424144	7003183	7084750	7170692	3.11	cps
Thallium	203-1	3565127	3631489	3534734	3577117	1.38	cps
Thallium	205-1	8505787	8554657	8449963	8503469	0.62	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	CCV55	Instrumnet Name :	P7
Client Sample ID :	CCV55	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:51:15	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	2460917	2466936	2513315	2480389	1.16	cps
Titanium	47-1	4545368	4485355	4519359	4516694	0.67	cps
Uranium	238-1	11977004	12350732	12139207	12155648	1.54	cps
Vanadium	51-2	1003982	1011328	1007846	1007719	0.36	cps
Yttrium	89-1	10556523	10467188	10442311	10488674	0.57	cps
Yttrium	89-2	2467585	2385211	2368143	2406979	2.21	cps
Zinc	66-2	1764896	1730078	1797239	1764071	1.90	cps
Zirconium	90-1	5692297	5804957	5675742	5724332	1.23	cps
Zirconium	91-1	1277199	1287223	1278560	1280994	0.42	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	CCB55	Instrumnet Name :	P7
Client Sample ID :	CCB55	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:57:32	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	906	811	694	804	13.16	cps
Antimony	121-1	892	1025	1083	1000	9.83	cps
Arsenic	75-2	11	15	7	11	33.30	cps
Barium	135-1	167	167	158	164	2.93	cps
Barium	137-1	250	283	300	278	9.16	cps
Beryllium	9-1	143	187	150	160	14.58	cps
Bismuth	209-1	7693072	7796029	7894886	7794663	1.29	cps
Bismuth	209-2	6472178	6540483	6411241	6474634	1.00	cps
Boron	10-1	5184	5126	4826	5045	3.81	cps
Boron	11-1	25288	24854	23343	24495	4.17	cps
Bromine	81-1	57036	55723	56744	56501	1.22	cps
Bromine	81-2	90	60	150	100	45.83	cps
Cadmium	111-1	4265	4246	4243	4251	0.28	cps
Cadmium	106-1	6026	6043	6010	6026	0.28	cps
Cadmium	108-1	29	25	8	21	52.93	cps
Calcium	43-1	317	183	283	261	26.57	cps
Calcium	44-1	5835	5334	5418	5529	4.85	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	687	730	673	697	4.25	cps
Cobalt	59-2	147	127	90	121	23.73	cps
Copper	63-2	1037	947	957	980	5.03	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	3	17	10	10	66.70	cps
Erbium	164-1	92	83	50	75	29.40	cps
Erbium	164-2	57	90	77	74	22.53	cps
Gadolinium	160-1	75	33	83	64	41.93	cps
Gadolinium	160-2	440	387	450	426	8.00	cps
Holmium	165-1	11517464	11363607	11264098	11381723	1.12	cps
Holmium	165-2	8135459	8189102	8101413	8141991	0.54	cps
Indium	115-1	8319550	8296579	8396234	8337454	0.63	cps
Indium	115-2	2928222	2910165	2938566	2925651	0.49	cps
Iron	56-2	28611	27664	26134	27470	4.55	cps
Iron	57-2	739	650	667	685	6.90	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	CCB55	Instrumnet Name :	P7
Client Sample ID :	CCB55	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:57:32	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2895	2944	2525	2788	8.21	cps
Krypton	83-1	110	140	130	127	12.06	cps
Lead	206-1	722	778	772	757	4.04	cps
Lead	207-1	756	656	622	678	10.24	cps
Lead	208-1	3392	3144	3171	3236	4.21	cps
Lithium	6-1	3196479	3216611	3205629	3206240	0.31	cps
Magnesium	24-2	2056	1961	1895	1971	4.11	cps
Manganese	55-2	683	587	530	600	12.92	cps
Molybdenum	94-1	650	408	450	503	25.70	cps
Molybdenum	95-1	842	808	700	783	9.46	cps
Molybdenum	96-1	842	858	958	886	7.12	cps
Molybdenum	97-1	342	533	250	375	38.55	cps
Molybdenum	98-1	908	1008	1142	1020	11.48	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	17	7	7	10	57.72	cps
Nickel	60-2	67	63	97	76	24.30	cps
Phosphorus	31-2	383	308	417	369	15.02	cps
Potassium	39-2	33938	33395	33162	33499	1.19	cps
Rhodium	103-1	7658252	7568860	7527665	7584926	0.88	cps
Rhodium	103-2	4237872	4240732	4232222	4236942	0.10	cps
Scandium	45-1	5374453	5380185	5361770	5372136	0.18	cps
Scandium	45-2	397972	401452	392560	397328	1.13	cps
Selenium	82-1	34	17	-7	15	137.99	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	174	176	248	199	21.19	cps
Silicon	28-1	280200	283349	281619	281723	0.56	cps
Silver	107-1	258	283	267	269	4.72	cps
Silver	109-1	250	200	308	253	21.45	cps
Sodium	23-2	21009	20225	20024	20419	2.55	cps
Strontium	86-1	983	792	800	858	12.62	cps
Strontium	88-1	6627	5835	5893	6118	7.22	cps
Sulfur	34-1	191176	190341	191287	190934	0.27	cps
Terbium	159-1	11695048	11418650	11516647	11543448	1.21	cps
Terbium	159-2	7848955	7750319	7800773	7800016	0.63	cps
Thallium	203-1	225	325	258	269	18.90	cps
Thallium	205-1	717	717	592	675	10.69	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	CCB55	Instrumnet Name :	P7
Client Sample ID :	CCB55	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 13:57:32	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	825	700	567	697	18.53	cps
Titanium	47-1	650	608	583	614	5.49	cps
Uranium	238-1	408	333	417	386	11.89	cps
Vanadium	51-2	67	30	47	48	38.43	cps
Yttrium	89-1	11585261	11560465	11710851	11618859	0.69	cps
Yttrium	89-2	2703540	2707860	2716516	2709305	0.24	cps
Zinc	66-2	300	340	357	332	8.77	cps
Zirconium	90-1	733	842	858	811	8.37	cps
Zirconium	91-1	125	158	250	178	36.41	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	CF-1DUPDL	Dilution Factor :	5
Date & Time Acquired :	2023-02-22 14:00:31	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7038704	7012156	7022129	7024330	0.19	cps
Antimony	121-1	258	175	250	228	20.15	cps
Arsenic	75-2	1687	1658	1619	1654	2.08	cps
Barium	135-1	381569	384937	386518	384342	0.66	cps
Barium	137-1	660059	664511	664577	663049	0.39	cps
Beryllium	9-1	3624	3517	3330	3490	4.25	cps
Bismuth	209-1	8223570	8257702	8078407	8186560	1.16	cps
Bismuth	209-2	6583522	6484062	6729727	6599104	1.87	cps
Boron	10-1	3459	3192	3259	3303	4.20	cps
Boron	11-1	16651	16384	16059	16365	1.81	cps
Bromine	81-1	55488	54920	55740	55383	0.76	cps
Bromine	81-2	399	419	459	426	7.16	cps
Cadmium	111-1	6230	5709	5480	5806	6.62	cps
Cadmium	106-1	8728	7994	7819	8180	5.89	cps
Cadmium	108-1	346	350	383	360	5.71	cps
Calcium	43-1	35091	35442	35726	35420	0.90	cps
Calcium	44-1	560732	564828	559409	561656	0.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	67601	67199	66616	67139	0.74	cps
Cobalt	59-2	88613	88174	86806	87864	1.07	cps
Copper	63-2	186152	182407	183729	184096	1.03	cps
Dysprosium	156-1	104060	103136	103330	103509	0.47	cps
Dysprosium	156-2	71819	71166	70965	71317	0.63	cps
Erbium	164-1	96500	98479	98428	97802	1.15	cps
Erbium	164-2	67961	67432	67716	67703	0.39	cps
Gadolinium	160-1	88278	87708	87942	87976	0.33	cps
Gadolinium	160-2	63332	63105	63044	63160	0.24	cps
Holmium	165-1	12542863	12622069	12347410	12504114	1.13	cps
Holmium	165-2	8577416	8564377	8691889	8611227	0.81	cps
Indium	115-1	8700115	8859228	8834356	8797900	0.97	cps
Indium	115-2	3030607	3031132	3048079	3036606	0.33	cps
Iron	56-2	119063600	120587633	117686114	119112449	1.22	cps
Iron	57-2	2965425	2915799	2923900	2935041	0.91	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	CF-1DUPDL	Dilution Factor :	5
Date & Time Acquired :	2023-02-22 14:00:31	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	6530006	6422027	6435069	6462367	0.91	cps
Krypton	83-1	243	317	323	294	15.07	cps
Lead	206-1	91394	89912	89710	90339	1.02	cps
Lead	207-1	68872	68831	68101	68601	0.63	cps
Lead	208-1	341868	341483	341300	341550	0.08	cps
Lithium	6-1	3469868	3516463	3373506	3453279	2.11	cps
Magnesium	24-2	1367283	1385217	1364195	1372231	0.83	cps
Manganese	55-2	2398223	2415124	2388890	2400746	0.55	cps
Molybdenum	94-1	68109	68887	69775	68924	1.21	cps
Molybdenum	95-1	2517	2467	2200	2395	7.11	cps
Molybdenum	96-1	18254	18879	18854	18662	1.90	cps
Molybdenum	97-1	1358	1317	1575	1417	9.79	cps
Molybdenum	98-1	3534	3934	3209	3559	10.21	cps
Neodymium	150-1	128378	129536	129178	129031	0.46	cps
Neodymium	150-2	75722	76342	75591	75885	0.53	cps
Nickel	60-2	19656	19957	19493	19702	1.19	cps
Phosphorus	31-2	10404	10029	10070	10168	2.02	cps
Potassium	39-2	405383	405707	405899	405663	0.06	cps
Rhodium	103-1	8000713	8020468	8034434	8018538	0.21	cps
Rhodium	103-2	4283261	4255627	4305473	4281454	0.58	cps
Scandium	45-1	5977686	6071566	5957309	6002187	1.02	cps
Scandium	45-2	433675	433787	439471	435645	0.76	cps
Selenium	82-1	173	118	110	134	25.58	cps
Selenium	77-2	197	177	193	189	5.67	cps
Selenium	78-2	378	326	356	353	7.37	cps
Silicon	28-1	1971054	1884095	1904021	1919724	2.37	cps
Silver	107-1	758	558	492	603	23.02	cps
Silver	109-1	392	258	342	331	20.38	cps
Sodium	23-2	77432	76545	76819	76932	0.59	cps
Strontium	86-1	35026	34399	34892	34772	0.95	cps
Strontium	88-1	302608	305264	305996	304623	0.59	cps
Sulfur	34-1	185827	185972	183181	184993	0.85	cps
Terbium	159-1	12559897	12477448	12380803	12472716	0.72	cps
Terbium	159-2	8336763	8425428	8314211	8358800	0.70	cps
Thallium	203-1	1650	1717	1600	1656	3.54	cps
Thallium	205-1	3909	3934	4092	3978	2.50	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	CF-1DUPDL	Dilution Factor :	5
Date & Time Acquired :	2023-02-22 14:00:31	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	2593	2067	3162	2607	21.00	cps
Titanium	47-1	627278	638133	632978	632796	0.86	cps
Uranium	238-1	43149	42314	42547	42670	1.01	cps
Vanadium	51-2	105770	106237	105119	105709	0.53	cps
Yttrium	89-1	13694462	13806343	13776576	13759127	0.42	cps
Yttrium	89-2	3116176	3127425	3160420	3134673	0.73	cps
Zinc	66-2	39038	38493	37410	38313	2.16	cps
Zirconium	90-1	183191	185082	186289	184854	0.84	cps
Zirconium	91-1	41058	42637	41877	41857	1.89	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01LDLX25	Instrumnet Name :	P7
Client Sample ID :	CF-1LDL	Dilution Factor :	25
Date & Time Acquired :	2023-02-22 14:03:20	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1430039	1414811	1417064	1420638	0.58	cps
Antimony	121-1	192	183	100	158	32.02	cps
Arsenic	75-2	369	307	335	337	9.08	cps
Barium	135-1	76632	78566	74402	76533	2.72	cps
Barium	137-1	131371	132792	132246	132136	0.54	cps
Beryllium	9-1	927	930	847	901	5.24	cps
Bismuth	209-1	8483512	8249065	8205901	8312826	1.80	cps
Bismuth	209-2	6920281	6842319	6851269	6871290	0.62	cps
Boron	10-1	2734	2725	2417	2625	6.88	cps
Boron	11-1	11880	12272	12222	12124	1.76	cps
Bromine	81-1	55923	56660	55948	56177	0.74	cps
Bromine	81-2	100	100	110	103	5.59	cps
Cadmium	111-1	4811	5092	4842	4915	3.13	cps
Cadmium	106-1	6868	7227	6877	6991	2.93	cps
Cadmium	108-1	79	96	79	85	11.36	cps
Calcium	43-1	7085	7252	6960	7099	2.06	cps
Calcium	44-1	111055	114203	113732	112996	1.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14130	14143	14033	14102	0.43	cps
Cobalt	59-2	17897	17897	17717	17837	0.58	cps
Copper	63-2	37677	38249	38506	38144	1.11	cps
Dysprosium	156-1	21208	21417	20649	21091	1.88	cps
Dysprosium	156-2	14387	14641	14578	14535	0.91	cps
Erbium	164-1	19481	20307	20299	20029	2.37	cps
Erbium	164-2	13934	14010	14074	14006	0.50	cps
Gadolinium	160-1	17553	18137	16677	17456	4.21	cps
Gadolinium	160-2	13223	13206	13220	13216	0.07	cps
Holmium	165-1	12618562	12678896	12501572	12599677	0.72	cps
Holmium	165-2	8684340	8589673	8666383	8646799	0.58	cps
Indium	115-1	9079164	8834963	8908886	8941004	1.40	cps
Indium	115-2	3077349	3075251	3047820	3066807	0.54	cps
Iron	56-2	24486385	24361592	24323612	24390529	0.35	cps
Iron	57-2	611553	608992	605826	608790	0.47	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01LDLX25	Instrumnet Name :	P7
Client Sample ID :	CF-1LDL	Dilution Factor :	25
Date & Time Acquired :	2023-02-22 14:03:20	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1343698	1331314	1332325	1335779	0.51	cps
Krypton	83-1	163	167	163	164	1.17	cps
Lead	206-1	19275	19086	18941	19101	0.88	cps
Lead	207-1	14502	14859	14892	14751	1.46	cps
Lead	208-1	73209	72691	71961	72620	0.86	cps
Lithium	6-1	3480572	3413641	3407877	3434030	1.18	cps
Magnesium	24-2	276949	276797	271518	275088	1.12	cps
Manganese	55-2	491931	489323	489364	490206	0.30	cps
Molybdenum	94-1	12981	13949	13532	13487	3.60	cps
Molybdenum	95-1	592	750	767	703	13.74	cps
Molybdenum	96-1	3976	3992	3892	3953	1.36	cps
Molybdenum	97-1	475	425	425	442	6.54	cps
Molybdenum	98-1	1058	1192	1008	1086	8.73	cps
Neodymium	150-1	25997	26345	25644	25995	1.35	cps
Neodymium	150-2	15482	15499	15619	15533	0.48	cps
Nickel	60-2	4041	4057	3897	3998	2.20	cps
Phosphorus	31-2	2159	2442	2217	2272	6.58	cps
Potassium	39-2	107168	108594	108258	108007	0.69	cps
Rhodium	103-1	8147740	8125739	8088596	8120691	0.37	cps
Rhodium	103-2	4436060	4366670	4362143	4388291	0.94	cps
Scandium	45-1	5853213	5813778	5823910	5830300	0.35	cps
Scandium	45-2	424390	425086	420308	423261	0.61	cps
Selenium	82-1	22	41	42	35	32.14	cps
Selenium	77-2	43	50	27	40	30.04	cps
Selenium	78-2	187	213	237	212	11.78	cps
Silicon	28-1	716428	689875	691143	699149	2.14	cps
Silver	107-1	358	225	258	281	24.73	cps
Silver	109-1	158	142	108	136	18.70	cps
Sodium	23-2	23173	24097	24308	23859	2.53	cps
Strontium	86-1	7194	7044	7327	7188	1.97	cps
Strontium	88-1	62334	59873	60199	60802	2.20	cps
Sulfur	34-1	180709	186091	181839	182880	1.55	cps
Terbium	159-1	12643024	12532089	12487569	12554227	0.64	cps
Terbium	159-2	8362299	8367763	8256716	8328926	0.75	cps
Thallium	203-1	567	558	475	533	9.50	cps
Thallium	205-1	1333	1100	1158	1197	10.14	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01LDLX25	Instrumnet Name :	P7
Client Sample ID :	CF-1LDL	Dilution Factor :	25
Date & Time Acquired :	2023-02-22 14:03:20	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	683	1392	825	967	38.80	cps
Titanium	47-1	131091	134512	131274	132292	1.45	cps
Uranium	238-1	9479	8370	8453	8767	7.05	cps
Vanadium	51-2	21726	21352	21245	21441	1.18	cps
Yttrium	89-1	12954482	12880878	12840221	12891861	0.45	cps
Yttrium	89-2	2875738	2898544	2871239	2881840	0.51	cps
Zinc	66-2	8479	8606	8656	8580	1.06	cps
Zirconium	90-1	37507	36822	36688	37006	1.19	cps
Zirconium	91-1	8152	8436	7652	8080	4.91	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01MSDLX5	Instrumnet Name :	P7
Client Sample ID :	CF-1MSDL	Dilution Factor :	5
Date & Time Acquired :	2023-02-22 14:06:11	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8172272	8156040	8124637	8150983	0.30	cps
Antimony	121-1	220473	227649	223511	223878	1.61	cps
Arsenic	75-2	33213	33063	33378	33218	0.47	cps
Barium	135-1	1281548	1295802	1272877	1283409	0.90	cps
Barium	137-1	2318186	2352480	2268756	2313141	1.82	cps
Beryllium	9-1	189659	195802	192276	192579	1.60	cps
Bismuth	209-1	8447820	8258181	8248129	8318043	1.35	cps
Bismuth	209-2	6687291	6677926	6634657	6666625	0.42	cps
Boron	10-1	30965	33378	33963	32769	4.85	cps
Boron	11-1	148902	157343	162696	156314	4.45	cps
Bromine	81-1	53155	54083	54827	54022	1.55	cps
Bromine	81-2	299	409	200	303	34.63	cps
Cadmium	111-1	202647	207415	203801	204621	1.22	cps
Cadmium	106-1	28537	28570	27593	28234	1.96	cps
Cadmium	108-1	15175	15095	14691	14987	1.73	cps
Calcium	43-1	284051	287179	282696	284642	0.81	cps
Calcium	44-1	4295420	4430077	4268694	4331397	2.00	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	362535	358201	354259	358332	1.16	cps
Cobalt	59-2	525738	522894	520006	522880	0.55	cps
Copper	63-2	3085059	3036655	3080075	3067263	0.87	cps
Dysprosium	156-1	92412	93737	91397	92515	1.27	cps
Dysprosium	156-2	63710	64139	63158	63669	0.77	cps
Erbium	164-1	86837	87013	85554	86468	0.92	cps
Erbium	164-2	59807	60590	59760	60053	0.78	cps
Gadolinium	160-1	77975	79081	80489	79182	1.59	cps
Gadolinium	160-2	57042	57631	55546	56740	1.89	cps
Holmium	165-1	13094051	12723771	12676018	12831280	1.78	cps
Holmium	165-2	8847310	8881680	8832078	8853689	0.29	cps
Indium	115-1	9067894	8863226	8859661	8930260	1.33	cps
Indium	115-2	3102739	3000599	3058237	3053858	1.68	cps
Iron	56-2	159065626	158852915	157303854	158407465	0.61	cps
Iron	57-2	3957086	3893349	3842809	3897748	1.47	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01MSDLX5	Instrumnet Name :	P7
Client Sample ID :	CF-1MSDL	Dilution Factor :	5
Date & Time Acquired :	2023-02-22 14:06:11	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	8665140	8599642	8593372	8619384	0.46	cps
Krypton	83-1	260	243	227	243	6.85	cps
Lead	206-1	3652136	3733181	3627976	3671098	1.50	cps
Lead	207-1	3129798	3196960	3139445	3155401	1.15	cps
Lead	208-1	14824453	15039975	14908002	14924143	0.73	cps
Lithium	6-1	3530231	3519570	3377406	3475736	2.45	cps
Magnesium	24-2	5751220	5630121	5755834	5712392	1.25	cps
Manganese	55-2	4852318	4839441	4839194	4843651	0.15	cps
Molybdenum	94-1	960021	970714	960792	963842	0.62	cps
Molybdenum	95-1	1280215	1297387	1290706	1289436	0.67	cps
Molybdenum	96-1	1419965	1433458	1414696	1422706	0.68	cps
Molybdenum	97-1	788200	798536	797207	794648	0.71	cps
Molybdenum	98-1	2009709	2041009	2036510	2029076	0.83	cps
Neodymium	150-1	116705	120872	118929	118835	1.75	cps
Neodymium	150-2	70070	69286	68415	69257	1.20	cps
Nickel	60-2	130797	128719	127056	128858	1.45	cps
Phosphorus	31-2	9045	9311	8428	8928	5.08	cps
Potassium	39-2	1842088	1853041	1826395	1840508	0.73	cps
Rhodium	103-1	8038750	7851949	7779119	7889940	1.70	cps
Rhodium	103-2	4344598	4273120	4227520	4281746	1.38	cps
Scandium	45-1	6158775	5995596	6105914	6086761	1.37	cps
Scandium	45-2	441943	436546	436928	438472	0.69	cps
Selenium	82-1	15036	15191	14973	15066	0.75	cps
Selenium	77-2	1477	1537	1590	1535	3.70	cps
Selenium	78-2	4575	4629	4706	4637	1.43	cps
Silicon	28-1	4756894	4837788	4869720	4821467	1.21	cps
Silver	107-1	2709	2850	2542	2700	5.72	cps
Silver	109-1	1492	1608	1608	1570	4.29	cps
Sodium	23-2	5123538	5126141	5092520	5114066	0.37	cps
Strontium	86-1	291291	297642	294291	294408	1.08	cps
Strontium	88-1	2576887	2604245	2619048	2600060	0.82	cps
Sulfur	34-1	188696	188283	188157	188378	0.15	cps
Terbium	159-1	13118795	12824071	12703748	12882205	1.66	cps
Terbium	159-2	8651240	8530184	8495259	8558894	0.96	cps
Thallium	203-1	758517	758806	757884	758402	0.06	cps
Thallium	205-1	2045800	2050771	2003735	2033435	1.27	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01MSDLX5	Instrumnet Name :	P7
Client Sample ID :	CF-1MSDL	Dilution Factor :	5
Date & Time Acquired :	2023-02-22 14:06:11	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	460860	474943	469335	468380	1.51	cps
Titanium	47-1	950538	969079	968705	962774	1.10	cps
Uranium	238-1	2856619	2893348	2865467	2871811	0.67	cps
Vanadium	51-2	362537	360862	358477	360625	0.57	cps
Yttrium	89-1	14108370	13841343	13742031	13897248	1.36	cps
Yttrium	89-2	3146416	3125794	3128745	3133652	0.36	cps
Zinc	66-2	558821	554087	555892	556267	0.43	cps
Zirconium	90-1	642355	656913	652765	650678	1.15	cps
Zirconium	91-1	145879	146391	147630	146634	0.61	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	CF-1MSDDL	Dilution Factor :	5
Date & Time Acquired :	2023-02-22 14:08:54	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7311477	7395441	7260898	7322605	0.93	cps
Antimony	121-1	280816	290484	282962	284754	1.78	cps
Arsenic	75-2	34542	33785	33304	33877	1.84	cps
Barium	135-1	1320385	1340203	1310493	1323694	1.14	cps
Barium	137-1	2370139	2356291	2360584	2362338	0.30	cps
Beryllium	9-1	189916	197558	195333	194269	2.02	cps
Bismuth	209-1	7948207	8187004	8160864	8098691	1.62	cps
Bismuth	209-2	6535572	6606852	6718946	6620457	1.40	cps
Boron	10-1	31658	35466	35725	34283	6.64	cps
Boron	11-1	150443	164381	168341	161055	5.84	cps
Bromine	81-1	55045	53757	56534	55112	2.52	cps
Bromine	81-2	439	329	429	399	15.21	cps
Cadmium	111-1	205779	212062	207508	208450	1.56	cps
Cadmium	106-1	30040	29806	30808	30218	1.74	cps
Cadmium	108-1	15725	16259	16046	16010	1.68	cps
Calcium	43-1	282897	287806	289380	286694	1.18	cps
Calcium	44-1	4282755	4436116	4321162	4346678	1.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	337600	336991	334489	336360	0.49	cps
Cobalt	59-2	512247	513444	509283	511658	0.42	cps
Copper	63-2	3091262	3104051	3115411	3103575	0.39	cps
Dysprosium	156-1	111349	114834	110449	112211	2.06	cps
Dysprosium	156-2	77442	77275	77724	77480	0.29	cps
Erbium	164-1	97439	98756	97707	97967	0.71	cps
Erbium	164-2	67023	65700	66494	66406	1.00	cps
Gadolinium	160-1	90852	91473	89980	90768	0.83	cps
Gadolinium	160-2	65117	64447	64330	64632	0.66	cps
Holmium	165-1	12330501	12619801	12966386	12638896	2.52	cps
Holmium	165-2	8777215	8630964	8718863	8709014	0.85	cps
Indium	115-1	8607859	8539304	8965316	8704160	2.63	cps
Indium	115-2	3075680	2997087	2965555	3012774	1.88	cps
Iron	56-2	124911342	127403347	127231758	126515482	1.10	cps
Iron	57-2	3089553	3176570	3148442	3138188	1.41	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	CF-1MSDDL	Dilution Factor :	5
Date & Time Acquired :	2023-02-22 14:08:54	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	7028421	6895270	6872739	6932143	1.21	cps
Krypton	83-1	260	330	327	306	12.92	cps
Lead	206-1	3749132	3776499	3738139	3754590	0.53	cps
Lead	207-1	3173737	3234187	3177605	3195176	1.06	cps
Lead	208-1	15174856	15319719	15079111	15191229	0.80	cps
Lithium	6-1	3351521	3393981	3501924	3415809	2.27	cps
Magnesium	24-2	4625215	4586452	4599373	4603680	0.43	cps
Manganese	55-2	4833390	4858339	4731396	4807708	1.40	cps
Molybdenum	94-1	1080567	1112678	1101528	1098257	1.48	cps
Molybdenum	95-1	1300596	1328156	1325904	1318219	1.16	cps
Molybdenum	96-1	1486322	1498864	1482937	1489375	0.56	cps
Molybdenum	97-1	810436	831241	809074	816917	1.52	cps
Molybdenum	98-1	2070945	2123812	2095747	2096835	1.26	cps
Neodymium	150-1	142923	141872	142216	142337	0.38	cps
Neodymium	150-2	83744	83006	81548	82766	1.35	cps
Nickel	60-2	126495	124707	125019	125407	0.76	cps
Phosphorus	31-2	9003	8903	8936	8947	0.57	cps
Potassium	39-2	1875266	1884837	1850489	1870197	0.95	cps
Rhodium	103-1	7633531	7715273	7980677	7776494	2.33	cps
Rhodium	103-2	4358950	4189149	4272471	4273523	1.99	cps
Scandium	45-1	5843474	5835934	6062849	5914086	2.18	cps
Scandium	45-2	445192	427649	430337	434392	2.18	cps
Selenium	82-1	14780	15498	15478	15252	2.68	cps
Selenium	77-2	1597	1657	1523	1592	4.19	cps
Selenium	78-2	5005	4842	4712	4853	3.02	cps
Silicon	28-1	4677746	4684233	4825551	4729177	1.77	cps
Silver	107-1	2792	3267	3059	3039	7.84	cps
Silver	109-1	1658	1608	1658	1642	1.76	cps
Sodium	23-2	5090374	5188337	5057900	5112204	1.33	cps
Strontium	86-1	296593	299104	293672	296456	0.92	cps
Strontium	88-1	2619874	2696530	2626300	2647568	1.61	cps
Sulfur	34-1	185979	187162	186512	186551	0.32	cps
Terbium	159-1	12362683	12564254	12954365	12627101	2.38	cps
Terbium	159-2	8643053	8281108	8331993	8418718	2.33	cps
Thallium	203-1	774640	779259	780503	778134	0.40	cps
Thallium	205-1	2082478	2083145	2065314	2076979	0.49	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	CF-1MSDDL	Dilution Factor :	5
Date & Time Acquired :	2023-02-22 14:08:54	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	499984	511060	503507	504850	1.12	cps
Titanium	47-1	970797	999996	990180	986991	1.51	cps
Uranium	238-1	2873080	2978185	2924529	2925264	1.80	cps
Vanadium	51-2	342283	341369	336741	340131	0.87	cps
Yttrium	89-1	13507690	13550564	14121966	13726740	2.50	cps
Yttrium	89-2	3179086	3116095	3075633	3123604	1.67	cps
Zinc	66-2	559418	555113	551817	555449	0.69	cps
Zirconium	90-1	939553	956573	938719	944948	1.07	cps
Zirconium	91-1	208824	211541	215120	211828	1.49	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01ADLX5	Instrumnet Name :	P7
Client Sample ID :	CF-1ADL	Dilution Factor :	5
Date & Time Acquired :	2023-02-22 14:11:34	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7954549	7798231	7932045	7894942	1.07	cps
Antimony	121-1	208514	213359	212640	211504	1.24	cps
Arsenic	75-2	33363	33554	33341	33420	0.35	cps
Barium	135-1	1285331	1322436	1292534	1300100	1.51	cps
Barium	137-1	2271660	2358505	2303650	2311272	1.90	cps
Beryllium	9-1	188209	194006	192427	191547	1.56	cps
Bismuth	209-1	8340638	8189189	8054743	8194857	1.75	cps
Bismuth	209-2	6857970	6826981	6694658	6793203	1.28	cps
Boron	10-1	32660	35492	33913	34021	4.17	cps
Boron	11-1	153153	165148	167506	161936	4.75	cps
Bromine	81-1	55313	54953	53104	54457	2.18	cps
Bromine	81-2	250	220	130	200	31.23	cps
Cadmium	111-1	202154	209513	206883	206183	1.81	cps
Cadmium	106-1	27685	29222	29506	28804	3.40	cps
Cadmium	108-1	14449	15171	15091	14904	2.66	cps
Calcium	43-1	279361	286257	282872	282830	1.22	cps
Calcium	44-1	4263240	4359462	4310067	4310923	1.12	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	353193	352213	351543	352316	0.24	cps
Cobalt	59-2	521768	521710	518866	520781	0.32	cps
Copper	63-2	3084431	3091802	3118408	3098214	0.58	cps
Dysprosium	156-1	94887	100115	97010	97337	2.70	cps
Dysprosium	156-2	66664	67448	67625	67246	0.76	cps
Erbium	164-1	88069	89939	88706	88905	1.07	cps
Erbium	164-2	61873	61655	60905	61478	0.83	cps
Gadolinium	160-1	82535	83868	80984	82463	1.75	cps
Gadolinium	160-2	59405	59452	58782	59213	0.63	cps
Holmium	165-1	12870175	12724629	12699294	12764699	0.72	cps
Holmium	165-2	8987404	9079669	8856422	8974498	1.25	cps
Indium	115-1	8976261	8729662	8657233	8787719	1.90	cps
Indium	115-2	3152589	3181645	3091980	3142071	1.46	cps
Iron	56-2	151043353	150681070	151342187	151022203	0.22	cps
Iron	57-2	3725295	3708118	3767905	3733772	0.82	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01ADLX5	Instrumnet Name :	P7
Client Sample ID :	CF-1ADL	Dilution Factor :	5
Date & Time Acquired :	2023-02-22 14:11:34	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	8241681	8193354	8121101	8185379	0.74	cps
Krypton	83-1	253	230	273	252	8.60	cps
Lead	206-1	3670662	3762067	3685347	3706025	1.32	cps
Lead	207-1	3059414	3216846	3159309	3145190	2.53	cps
Lead	208-1	14890339	15147449	14899561	14979116	0.97	cps
Lithium	6-1	3476414	3417573	3396134	3430041	1.21	cps
Magnesium	24-2	5423043	5388933	5428748	5413575	0.40	cps
Manganese	55-2	4969154	4841995	4820373	4877174	1.65	cps
Molybdenum	94-1	1017687	1046079	1034961	1032909	1.39	cps
Molybdenum	95-1	1335945	1378387	1361055	1358462	1.57	cps
Molybdenum	96-1	1464491	1518647	1489946	1491028	1.82	cps
Molybdenum	97-1	828741	855102	840461	841435	1.57	cps
Molybdenum	98-1	2137229	2198295	2201037	2178854	1.66	cps
Neodymium	150-1	123401	127289	127423	126038	1.81	cps
Neodymium	150-2	72968	72458	72432	72619	0.42	cps
Nickel	60-2	129433	127298	127742	128158	0.88	cps
Phosphorus	31-2	8811	8553	8486	8617	1.99	cps
Potassium	39-2	1838220	1842739	1824462	1835140	0.52	cps
Rhodium	103-1	8108808	7848528	7741749	7899695	2.39	cps
Rhodium	103-2	4397251	4394689	4309859	4367266	1.14	cps
Scandium	45-1	6036587	5983137	5899389	5973038	1.16	cps
Scandium	45-2	450107	452590	438686	447128	1.66	cps
Selenium	82-1	14966	15042	14949	14986	0.33	cps
Selenium	77-2	1420	1620	1490	1510	6.72	cps
Selenium	78-2	4873	4814	4892	4859	0.84	cps
Silicon	28-1	4709363	4821704	4743646	4758238	1.21	cps
Silver	107-1	944199	977068	950452	957240	1.82	cps
Silver	109-1	902771	926266	904242	911093	1.44	cps
Sodium	23-2	5155556	5024020	5084651	5088076	1.29	cps
Strontium	86-1	290098	299484	296152	295245	1.61	cps
Strontium	88-1	2551164	2658268	2637402	2615611	2.17	cps
Sulfur	34-1	184488	186106	184960	185185	0.45	cps
Terbium	159-1	13002979	12748700	12533459	12761713	1.84	cps
Terbium	159-2	8790020	8804291	8508159	8700824	1.92	cps
Thallium	203-1	765369	781118	769252	771913	1.06	cps
Thallium	205-1	2061142	2081786	2023731	2055553	1.43	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	O1610-01ADLX5	Instrumnet Name :	P7
Client Sample ID :	CF-1ADL	Dilution Factor :	5
Date & Time Acquired :	2023-02-22 14:11:34	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	437951	449654	436315	441307	1.65	cps
Titanium	47-1	957747	984817	968058	970207	1.41	cps
Uranium	238-1	2842223	2893368	2855485	2863692	0.93	cps
Vanadium	51-2	357936	357915	356626	357492	0.21	cps
Yttrium	89-1	14083542	13865829	13598118	13849163	1.76	cps
Yttrium	89-2	3244408	3245386	3169451	3219748	1.35	cps
Zinc	66-2	556945	554209	550463	553872	0.59	cps
Zirconium	90-1	718219	738421	731855	729498	1.41	cps
Zirconium	91-1	159606	166208	164043	163286	2.06	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	PB150928BL	Instrumnet Name :	P7
Client Sample ID :	PB150928BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 14:26:17	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	439	539	411	463	14.52	cps
Antimony	121-1	183	192	267	214	21.46	cps
Arsenic	75-2	6	2	2	3	69.39	cps
Barium	135-1	75	117	67	86	31.11	cps
Barium	137-1	142	150	100	131	20.52	cps
Beryllium	9-1	100	107	103	103	3.23	cps
Bismuth	209-1	7865104	7887810	7814094	7855670	0.48	cps
Bismuth	209-2	6675241	6632555	6596717	6634838	0.59	cps
Boron	10-1	1492	1225	1275	1331	10.65	cps
Boron	11-1	6418	6585	6577	6527	1.44	cps
Bromine	81-1	58409	58734	59178	58774	0.66	cps
Bromine	81-2	60	80	80	73	15.75	cps
Cadmium	111-1	4199	4605	4108	4304	6.15	cps
Cadmium	106-1	6001	6577	5818	6132	6.46	cps
Cadmium	108-1	21	33	8	21	60.01	cps
Calcium	43-1	100	83	117	100	16.66	cps
Calcium	44-1	4342	4134	4034	4170	3.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	700	803	750	751	6.88	cps
Cobalt	59-2	73	73	60	69	11.17	cps
Copper	63-2	603	553	610	589	5.26	cps
Dysprosium	156-1	8	0	25	11	114.58	cps
Dysprosium	156-2	7	17	3	9	78.08	cps
Erbium	164-1	58	75	100	78	26.97	cps
Erbium	164-2	67	80	47	64	26.03	cps
Gadolinium	160-1	42	58	58	53	18.23	cps
Gadolinium	160-2	450	493	447	463	5.62	cps
Holmium	165-1	11831984	11724298	11582583	11712955	1.07	cps
Holmium	165-2	8495197	8435739	8458253	8463063	0.35	cps
Indium	115-1	8631425	8746352	8419577	8599118	1.93	cps
Indium	115-2	3036314	3018929	3063455	3039566	0.74	cps
Iron	56-2	16949	16342	17038	16776	2.26	cps
Iron	57-2	428	361	361	383	10.04	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	PB150928BL	Instrumnet Name :	P7
Client Sample ID :	PB150928BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 14:26:17	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2006	1866	2026	1966	4.43	cps
Krypton	83-1	143	127	150	140	8.58	cps
Lead	206-1	328	433	422	394	14.70	cps
Lead	207-1	300	428	306	344	20.97	cps
Lead	208-1	1492	1634	1572	1566	4.55	cps
Lithium	6-1	3272056	3298401	3293537	3287998	0.43	cps
Magnesium	24-2	767	817	939	841	10.54	cps
Manganese	55-2	270	333	310	304	10.52	cps
Molybdenum	94-1	325	358	283	322	11.66	cps
Molybdenum	95-1	217	267	208	231	13.68	cps
Molybdenum	96-1	408	383	308	367	14.19	cps
Molybdenum	97-1	92	142	125	119	21.31	cps
Molybdenum	98-1	383	283	325	331	15.20	cps
Neodymium	150-1	7	7	33	16	98.94	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	43	43	43	43	0.00	cps
Phosphorus	31-2	367	317	408	364	12.61	cps
Potassium	39-2	32059	32318	32535	32304	0.74	cps
Rhodium	103-1	7883688	7937814	7882811	7901437	0.40	cps
Rhodium	103-2	4424708	4376670	4380127	4393835	0.61	cps
Scandium	45-1	5516933	5666056	5709752	5630914	1.80	cps
Scandium	45-2	414296	415657	409872	413275	0.73	cps
Selenium	82-1	25	23	-4	14	112.92	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	172	202	215	196	11.12	cps
Silicon	28-1	267978	269578	272116	269891	0.77	cps
Silver	107-1	150	133	100	128	19.92	cps
Silver	109-1	108	50	58	72	43.69	cps
Sodium	23-2	10593	10498	10509	10533	0.49	cps
Strontium	86-1	558	517	350	475	23.21	cps
Strontium	88-1	2292	1658	1592	1847	20.92	cps
Sulfur	34-1	190621	194764	194611	193332	1.22	cps
Terbium	159-1	11967051	11860079	11755209	11860780	0.89	cps
Terbium	159-2	8192123	7993613	8085846	8090527	1.23	cps
Thallium	203-1	175	142	150	156	11.15	cps
Thallium	205-1	367	408	400	392	5.63	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	PB150928BL	Instrumnet Name :	P7
Client Sample ID :	PB150928BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 14:26:17	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	483	617	483	528	14.59	cps
Titanium	47-1	242	158	242	214	22.49	cps
Uranium	238-1	150	133	125	136	9.35	cps
Vanadium	51-2	20	20	20	20	0.00	cps
Yttrium	89-1	12174056	11979753	12206807	12120206	1.01	cps
Yttrium	89-2	2870782	2816399	2795744	2827642	1.37	cps
Zinc	66-2	303	270	223	266	15.13	cps
Zirconium	90-1	800	700	850	783	9.75	cps
Zirconium	91-1	133	117	175	142	21.21	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	PB150928BS	Instrumnet Name :	P7
Client Sample ID :	PB150928BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 14:29:08	DataFile Name :	039LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1664986	1662089	1643543	1656873	0.70	cps
Antimony	121-1	2580864	2660574	2628569	2623335	1.53	cps
Arsenic	75-2	128606	128633	128266	128502	0.16	cps
Barium	135-1	4299782	4416896	4354311	4356996	1.35	cps
Barium	137-1	7367245	7603558	7482507	7484437	1.58	cps
Beryllium	9-1	757832	771868	771386	767029	1.04	cps
Bismuth	209-1	7456336	6975828	6910229	7114131	4.19	cps
Bismuth	209-2	5722135	5680864	5670084	5691027	0.48	cps
Boron	10-1	337670	348389	361180	349079	3.37	cps
Boron	11-1	1568506	1691021	1701741	1653756	4.48	cps
Bromine	81-1	53949	55521	52176	53882	3.11	cps
Bromine	81-2	50	80	100	77	32.83	cps
Cadmium	111-1	795784	818172	819516	811157	1.64	cps
Cadmium	106-1	105943	107463	106144	106517	0.77	cps
Cadmium	108-1	67539	69515	69716	68924	1.75	cps
Calcium	43-1	1243711	1261511	1256406	1253876	0.73	cps
Calcium	44-1	18116506	18687725	18413730	18405987	1.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1216386	1207428	1204794	1209536	0.50	cps
Cobalt	59-2	1928895	1942954	1886466	1919439	1.53	cps
Copper	63-2	12955075	12841157	13012156	12936129	0.67	cps
Dysprosium	156-1	392	358	433	394	9.53	cps
Dysprosium	156-2	327	300	383	337	12.64	cps
Erbium	164-1	200	133	150	161	21.54	cps
Erbium	164-2	110	63	100	91	26.97	cps
Gadolinium	160-1	267	217	200	228	15.23	cps
Gadolinium	160-2	607	630	570	602	5.02	cps
Holmium	165-1	12086361	11261600	10933317	11427093	5.20	cps
Holmium	165-2	7740569	7974682	7794784	7836678	1.56	cps
Indium	115-1	8271070	7655020	7443145	7789745	5.52	cps
Indium	115-2	2588295	2692306	2662248	2647616	2.02	cps
Iron	56-2	61346581	60694389	61122022	61054331	0.54	cps
Iron	57-2	1543509	1559894	1536568	1546657	0.77	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	PB150928BS	Instrumnet Name :	P7
Client Sample ID :	PB150928BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 14:29:08	DataFile Name :	039LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3371289	3399817	3376588	3382565	0.45	cps
Krypton	83-1	100	143	150	131	20.71	cps
Lead	206-1	16337731	16711728	16770892	16606784	1.41	cps
Lead	207-1	14135355	14599762	14615238	14450118	1.89	cps
Lead	208-1	65779013	68248021	68647697	67558244	2.30	cps
Lithium	6-1	3246138	3008234	2996888	3083753	4.56	cps
Magnesium	24-2	14498099	14383519	14164375	14348664	1.18	cps
Manganese	55-2	10342784	10342195	10442069	10375682	0.55	cps
Molybdenum	94-1	11395913	11557870	11573432	11509072	0.85	cps
Molybdenum	95-1	16212029	16682155	16456736	16450307	1.43	cps
Molybdenum	96-1	17545929	18010237	18070364	17875510	1.61	cps
Molybdenum	97-1	10122013	10173073	10270021	10188369	0.74	cps
Molybdenum	98-1	25914306	26187914	26304171	26135464	0.77	cps
Neodymium	150-1	1093	1167	1120	1127	3.29	cps
Neodymium	150-2	223	277	223	241	12.77	cps
Nickel	60-2	461772	460599	458629	460333	0.35	cps
Phosphorus	31-2	82237	81282	79456	80992	1.74	cps
Potassium	39-2	8005927	8003321	7891399	7966882	0.82	cps
Rhodium	103-1	7509892	6751667	6673434	6978331	6.62	cps
Rhodium	103-2	3707329	3753454	3696398	3719060	0.81	cps
Scandium	45-1	5573157	5112083	5040275	5241838	5.52	cps
Scandium	45-2	369853	376313	369373	371846	1.04	cps
Selenium	82-1	57629	58492	58096	58072	0.74	cps
Selenium	77-2	5208	4971	5311	5163	3.38	cps
Selenium	78-2	17928	17864	18334	18042	1.41	cps
Silicon	28-1	34290348	34675583	34453896	34473275	0.56	cps
Silver	107-1	4274578	4288296	4241589	4268154	0.56	cps
Silver	109-1	3960266	4062295	3993226	4005262	1.30	cps
Sodium	23-2	23094402	23277589	23116071	23162687	0.43	cps
Strontium	86-1	29506325	30191048	30097868	29931747	1.24	cps
Strontium	88-1	257401181	265084323	262301664	261595723	1.49	cps
Sulfur	34-1	571251	580412	566043	572569	1.27	cps
Terbium	159-1	12072691	11321236	10969298	11454408	4.92	cps
Terbium	159-2	7484306	7574829	7518029	7525721	0.61	cps
Thallium	203-1	3889699	3948022	3895482	3911067	0.82	cps
Thallium	205-1	9099384	9345238	9526167	9323596	2.30	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	PB150928BS	Instrumnet Name :	P7
Client Sample ID :	PB150928BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 14:29:08	DataFile Name :	039LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	2746019	2777652	2776861	2766844	0.65	cps
Titanium	47-1	4740938	4827784	4766012	4778245	0.94	cps
Uranium	238-1	12182435	12428301	12785305	12465347	2.43	cps
Vanadium	51-2	1063869	1058975	1048319	1057054	0.75	cps
Yttrium	89-1	12015927	11267763	11031286	11438325	4.49	cps
Yttrium	89-2	2520273	2521235	2527739	2523082	0.16	cps
Zinc	66-2	2094000	2036735	2089744	2073493	1.54	cps
Zirconium	90-1	6000506	6164748	6033791	6066349	1.43	cps
Zirconium	91-1	1310102	1359917	1350435	1340151	1.97	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	CCV56	Instrumnet Name :	P7
Client Sample ID :	CCV56	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 14:34:23	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7857077	7868990	7880668	7868912	0.15	cps
Antimony	121-1	2336793	2346426	2349548	2344256	0.28	cps
Arsenic	75-2	116956	116511	116229	116566	0.31	cps
Barium	135-1	4134782	4149408	4147412	4143867	0.19	cps
Barium	137-1	6962647	7157769	7192101	7104172	1.74	cps
Beryllium	9-1	703232	713915	709897	709015	0.76	cps
Bismuth	209-1	5964324	5919744	5891586	5925218	0.62	cps
Bismuth	209-2	5086911	4884098	4923765	4964925	2.16	cps
Boron	10-1	461351	486583	495366	481100	3.67	cps
Boron	11-1	2150605	2293557	2311846	2252003	3.92	cps
Bromine	81-1	51424	50980	54108	52171	3.24	cps
Bromine	81-2	80	140	60	93	44.61	cps
Cadmium	111-1	690641	706577	703196	700138	1.20	cps
Cadmium	106-1	95085	96654	96134	95958	0.83	cps
Cadmium	108-1	60894	62333	62848	62025	1.63	cps
Calcium	43-1	5050039	5192185	5169210	5137144	1.49	cps
Calcium	44-1	80404921	82206856	81957023	81522933	1.20	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1172198	1173725	1163229	1169717	0.48	cps
Cobalt	59-2	1776910	1840733	1806908	1808184	1.77	cps
Copper	63-2	11524024	11631949	11627104	11594359	0.53	cps
Dysprosium	156-1	958	833	892	895	6.99	cps
Dysprosium	156-2	773	810	700	761	7.36	cps
Erbium	164-1	142	167	192	167	15.00	cps
Erbium	164-2	90	90	123	101	19.04	cps
Gadolinium	160-1	733	842	1017	864	16.55	cps
Gadolinium	160-2	1090	1070	1063	1074	1.29	cps
Holmium	165-1	10383025	10249165	10423133	10351774	0.88	cps
Holmium	165-2	7574893	7344192	7304198	7407761	1.97	cps
Indium	115-1	6774611	6776862	6831403	6794292	0.47	cps
Indium	115-2	2476572	2419298	2434802	2443557	1.21	cps
Iron	56-2	281281484	283239334	279477634	281332817	0.67	cps
Iron	57-2	7050264	7058024	7069718	7059335	0.14	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	CCV56	Instrumnet Name :	P7
Client Sample ID :	CCV56	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 14:34:23	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	15252612	15301607	15371036	15308418	0.39	cps
Krypton	83-1	170	157	173	167	5.29	cps
Lead	206-1	14994462	15279755	15230782	15168333	1.01	cps
Lead	207-1	13209339	13435564	13304590	13316498	0.85	cps
Lead	208-1	61641589	62967860	62542926	62384125	1.09	cps
Lithium	6-1	2825078	2799718	2792722	2805839	0.61	cps
Magnesium	24-2	69435122	69036911	69021178	69164404	0.34	cps
Manganese	55-2	9693322	9796074	9694715	9728037	0.61	cps
Molybdenum	94-1	11002678	11275017	11032372	11103355	1.35	cps
Molybdenum	95-1	15735687	15941074	15851101	15842621	0.65	cps
Molybdenum	96-1	17121836	17373175	17214678	17236563	0.74	cps
Molybdenum	97-1	9723748	9788741	9766323	9759604	0.34	cps
Molybdenum	98-1	24805601	24991502	25102207	24966437	0.60	cps
Neodymium	150-1	1047	1140	1220	1136	7.64	cps
Neodymium	150-2	263	270	240	258	6.11	cps
Nickel	60-2	418389	420793	417236	418806	0.43	cps
Phosphorus	31-2	77044	78300	76441	77262	1.23	cps
Potassium	39-2	37920420	38599652	38313039	38277704	0.89	cps
Rhodium	103-1	5853117	5729758	5814641	5799172	1.09	cps
Rhodium	103-2	3317110	3284670	3315057	3305612	0.55	cps
Scandium	45-1	4748966	4788976	4859480	4799141	1.17	cps
Scandium	45-2	369394	354375	360220	361330	2.10	cps
Selenium	82-1	50918	52441	52161	51840	1.56	cps
Selenium	77-2	4641	4631	4761	4677	1.55	cps
Selenium	78-2	16042	16290	16120	16151	0.79	cps
Silicon	28-1	51648591	52348090	52110911	52035864	0.68	cps
Silver	107-1	3598881	3635137	3623015	3619011	0.51	cps
Silver	109-1	3409370	3423238	3441220	3424609	0.47	cps
Sodium	23-2	111459541	111754555	110125136	111113077	0.78	cps
Strontium	86-1	28556725	28846070	28698555	28700450	0.50	cps
Strontium	88-1	247688197	252132714	253418722	251079878	1.20	cps
Sulfur	34-1	546252	551892	548009	548717	0.53	cps
Terbium	159-1	10327519	10192380	10397594	10305831	1.01	cps
Terbium	159-2	7202200	7044999	7072432	7106544	1.18	cps
Thallium	203-1	3629828	3629725	3535698	3598417	1.51	cps
Thallium	205-1	8626289	8594817	8742293	8654466	0.90	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	CCV56	Instrumnet Name :	P7
Client Sample ID :	CCV56	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 14:34:23	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	2538923	2623427	2546134	2569495	1.82	cps
Titanium	47-1	4568559	4712515	4662465	4647846	1.57	cps
Uranium	238-1	11935659	12194037	12226210	12118635	1.31	cps
Vanadium	51-2	1041429	1035280	1038640	1038450	0.30	cps
Yttrium	89-1	10238259	10109049	10346863	10231391	1.16	cps
Yttrium	89-2	2471726	2392547	2405784	2423352	1.75	cps
Zinc	66-2	1837890	1822924	1843930	1834915	0.59	cps
Zirconium	90-1	5918124	5953245	5954654	5942008	0.35	cps
Zirconium	91-1	1307517	1332211	1320900	1320210	0.94	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	CCB56	Instrumnet Name :	P7
Client Sample ID :	CCB56	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 14:39:01	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	806	967	850	874	9.52	cps
Antimony	121-1	733	1000	900	878	15.35	cps
Arsenic	75-2	13	7	6	9	44.56	cps
Barium	135-1	92	183	117	131	36.30	cps
Barium	137-1	367	275	225	289	24.87	cps
Beryllium	9-1	230	203	193	209	9.07	cps
Bismuth	209-1	7628306	8258576	7969581	7952154	3.97	cps
Bismuth	209-2	6780945	6682150	6689726	6717607	0.82	cps
Boron	10-1	12147	11238	11062	11482	5.07	cps
Boron	11-1	56587	53250	51578	53805	4.74	cps
Bromine	81-1	55112	57337	55338	55929	2.19	cps
Bromine	81-2	50	100	70	73	34.32	cps
Cadmium	111-1	4194	4602	4091	4296	6.29	cps
Cadmium	106-1	5885	6560	5776	6074	6.99	cps
Cadmium	108-1	13	33	21	22	47.18	cps
Calcium	43-1	333	308	200	281	25.26	cps
Calcium	44-1	6777	5818	5576	6057	10.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	613	600	583	599	2.51	cps
Cobalt	59-2	123	77	100	100	23.33	cps
Copper	63-2	1097	1133	1140	1123	2.08	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	10	13	7	10	33.30	cps
Erbium	164-1	50	133	117	100	44.10	cps
Erbium	164-2	63	57	47	56	15.09	cps
Gadolinium	160-1	58	58	42	53	18.23	cps
Gadolinium	160-2	450	407	390	416	7.45	cps
Holmium	165-1	11090301	12274799	12071416	11812172	5.36	cps
Holmium	165-2	8409280	8434596	8321724	8388533	0.71	cps
Indium	115-1	7940170	8856574	8592508	8463084	5.57	cps
Indium	115-2	3110458	3043862	3032043	3062121	1.38	cps
Iron	56-2	22328	22356	22706	22463	0.94	cps
Iron	57-2	494	589	500	528	10.04	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	CCB56	Instrumnet Name :	P7
Client Sample ID :	CCB56	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 14:39:01	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1936	2106	2056	2033	4.29	cps
Krypton	83-1	100	187	157	148	29.78	cps
Lead	206-1	1033	939	794	922	13.05	cps
Lead	207-1	917	644	544	702	27.45	cps
Lead	208-1	3920	3310	2962	3397	14.27	cps
Lithium	6-1	3234278	3439226	3285791	3319765	3.21	cps
Magnesium	24-2	1911	1761	1883	1852	4.31	cps
Manganese	55-2	520	557	503	527	5.18	cps
Molybdenum	94-1	833	825	775	811	3.89	cps
Molybdenum	95-1	917	1167	833	972	17.84	cps
Molybdenum	96-1	1417	1117	1150	1228	13.39	cps
Molybdenum	97-1	767	550	575	631	18.80	cps
Molybdenum	98-1	1825	1492	1367	1561	15.18	cps
Neodymium	150-1	7	7	40	18	108.23	cps
Neodymium	150-2	7	17	7	10	57.72	cps
Nickel	60-2	43	33	103	60	63.10	cps
Phosphorus	31-2	242	317	308	289	14.23	cps
Potassium	39-2	35793	33897	35976	35222	3.27	cps
Rhodium	103-1	7372935	8083104	7866371	7774137	4.68	cps
Rhodium	103-2	4432972	4313350	4345932	4364085	1.42	cps
Scandium	45-1	5217903	5725476	5509436	5484271	4.64	cps
Scandium	45-2	416758	415196	412187	414713	0.56	cps
Selenium	82-1	70	-39	-2	10	563.98	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	137	170	174	160	12.71	cps
Silicon	28-1	289706	281631	278045	283127	2.11	cps
Silver	107-1	450	517	342	436	20.25	cps
Silver	109-1	317	358	408	361	12.71	cps
Sodium	23-2	27669	27831	27703	27734	0.31	cps
Strontium	86-1	967	875	750	864	12.59	cps
Strontium	88-1	7844	5643	5359	6282	21.65	cps
Sulfur	34-1	189726	189709	186005	188480	1.14	cps
Terbium	159-1	11056292	12213236	12041201	11770243	5.30	cps
Terbium	159-2	8282159	8088474	8084926	8151853	1.38	cps
Thallium	203-1	458	317	342	372	20.31	cps
Thallium	205-1	892	1150	825	956	17.97	cps

LB Number :	LB124200	Operator :	Jaswal
Lab Sample ID :	CCB56	Instrumnet Name :	P7
Client Sample ID :	CCB56	Dilution Factor :	1
Date & Time Acquired :	2023-02-22 14:39:01	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	675	750	617	681	9.82	cps
Titanium	47-1	492	633	358	494	27.81	cps
Uranium	238-1	367	417	350	378	9.19	cps
Vanadium	51-2	43	63	17	41	56.94	cps
Yttrium	89-1	11281163	12328387	12224690	11944747	4.83	cps
Yttrium	89-2	2850894	2792011	2807351	2816752	1.08	cps
Zinc	66-2	627	497	550	558	11.72	cps
Zirconium	90-1	850	858	550	753	23.34	cps
Zirconium	91-1	167	142	133	147	11.78	cps