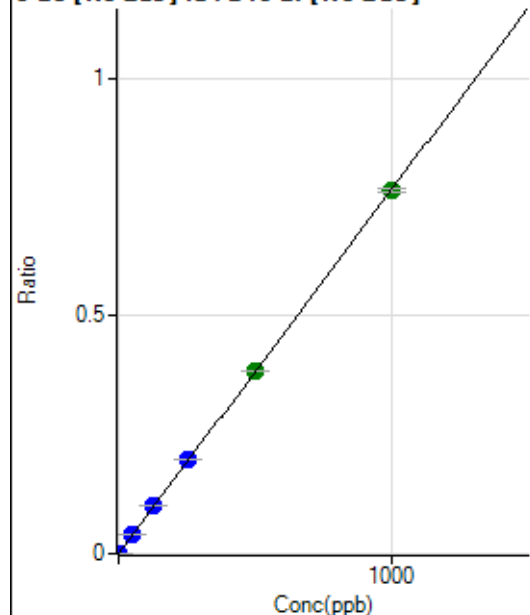


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7050722 MS.b\
Analysis File: P7050722 MS.batch.bin
DA Date-Time: 2022-07-20 12:08:55
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2022-05-07 14:10:12
2	004CALS.d	S02	2022-05-07 14:13:07
3	005CALS.d	S03	2022-05-07 14:15:59
4	006CALS.d	S04	2022-05-07 14:18:46
5	007CALS.d	S05	2022-05-07 14:21:31
6	008CALS.d	S06	2022-05-07 14:24:18
7	009CALS.d	S07	2022-05-07 14:27:03
8	010CALS.d	S08	2022-05-07 14:29:51

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	44.44	0.0000	P	11.3
2	☐	1.000	1.036	2357.98	0.0008	P	7.9
3	☐	50.000	52.059	117766.15	0.0399	P	1.6
4	☐	125.000	130.177	287361.12	0.0997	P	0.3
5	☐	250.000	259.021	552924.68	0.1984	P	1.1
6	☐	500.000	500.425	1046023.47	0.3833	A	0.2
7	☐	1000.000	996.782	2064675.82	0.7635	A	1.1
8	☐			401.12	0.0002	P	5.0

$$y = 7.6593\text{E-}004 * x + 1.5605\text{E-}005$$

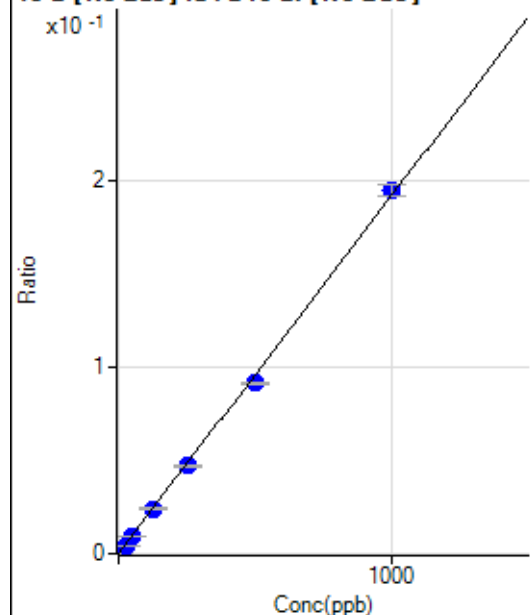
$$R = 0.9999$$

$$DL = 0.006877$$

$$BEC = 0.02037$$

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	483.35	0.0002	P	9.5
2	☐	25.000	22.619	13114.21	0.0045	P	0.4
3	☐	50.000	47.650	27441.49	0.0093	P	3.3
4	☐	125.000	123.887	68867.29	0.0239	P	2.6
5	☐	250.000	246.019	131800.44	0.0473	P	2.5
6	☐	500.000	475.429	248952.01	0.0912	P	1.8
7	☐	1000.000	1013.597	525453.40	0.1943	P	3.1
8	☐			12093.94	0.0048	P	11.7

$$y = 1.9152\text{E-}004 * x + 1.6973\text{E-}004$$

$$R = 0.9996$$

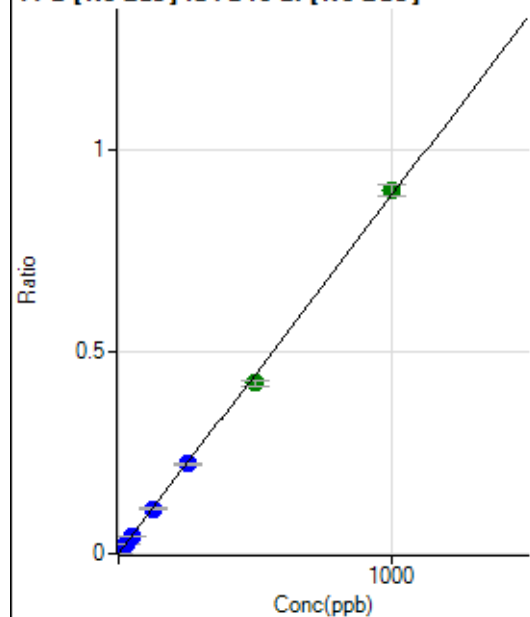
$$DL = 0.2513$$

$$BEC = 0.8862$$

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	2155.76	0.0008	P	11.5
2	☐	25.000	23.814	63809.85	0.0219	P	3.0
3	☐	50.000	49.299	131445.17	0.0445	P	3.4
4	☐	125.000	125.026	322081.82	0.1118	P	2.6
5	☐	250.000	249.702	619981.52	0.2225	P	2.8
6	☐	500.000	475.077	1153271.81	0.4226	A	3.0
7	☐	1000.000	1012.598	2433339.79	0.8998	A	3.2
8	☐			57865.06	0.0228	P	10.9

$$y = 8.8785E-004 * x + 7.5735E-004$$

R = 0.9995

DL = 0.2934

BEC = 0.853

Weight: <None>

Min Conc: 0

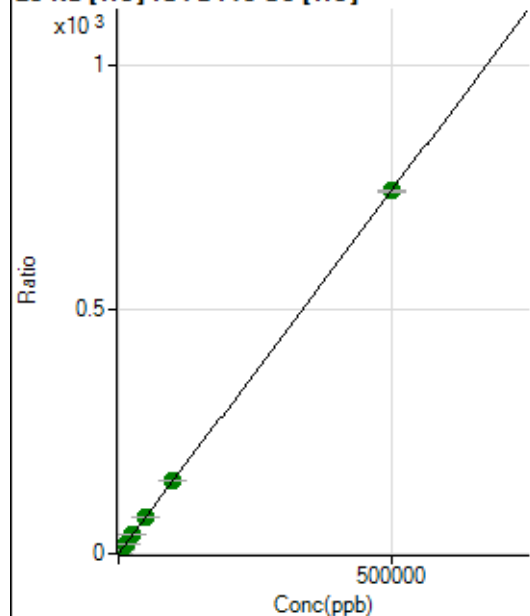
12 C [No Gas] No available calibration points



	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	24139.53	0.0363	P	1.7
2	☐	500.000	483.621	507251.41	0.7549	P	0.3
3	☐	5000.000	5145.496	5114477.25	7.6826	A	2.0
4	☐	12500.000	12990.999	12563420.30	19.3412	A	1.0
5	☐	25000.000	25566.215	23502532.01	38.0283	A	0.4
6	☐	50000.000	50732.412	45751376.95	75.4260	A	2.1
7	☐	100000.00	99832.759	91366185.38	148.3904	A	0.8
8	☐	500000.00	499918.18	463720465.92	742.9279	A	0.7

$$y = 0.0015 * x + 0.0363$$

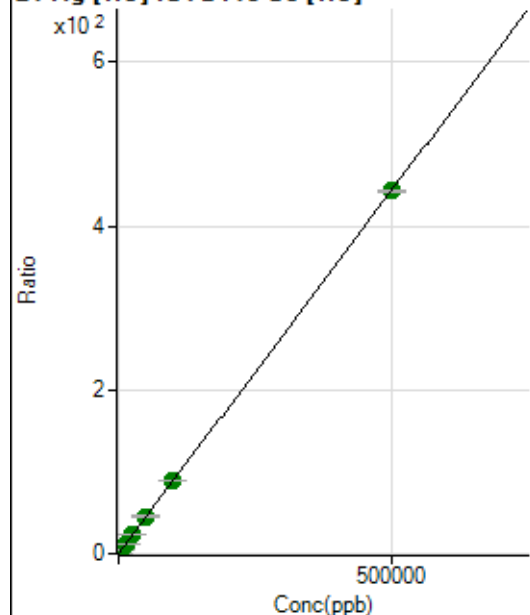
$$R = 1.0000$$

$$DL = 1.263$$

$$BEC = 24.4$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	414.83	0.0006	P	1.0
2	☐	500.000	500.159	298224.28	0.4438	P	1.0
3	☐	5000.000	5269.473	3109283.32	4.6703	A	1.1
4	☐	12500.000	13094.899	7537620.54	11.6049	A	1.1
5	☐	25000.000	26057.083	14271164.67	23.0917	A	1.0
6	☐	50000.000	51329.009	27592156.87	45.4869	A	1.2
7	☐	100000.00	101329.62	55286836.42	89.7960	A	1.0
8	☐	500000.00	499530.75	276301222.84	442.6705	A	0.4

$$y = 8.8617E-004 * x + 6.2299E-004$$

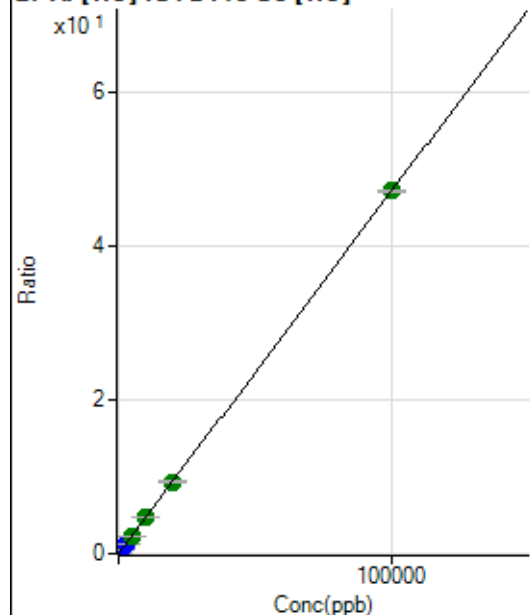
$$R = 1.0000$$

$$DL = 0.02026$$

$$BEC = 0.703$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	192.60	0.0003	P	16.8
2	☐	20.000	21.177	6896.12	0.0103	P	4.0
3	☐	1000.000	1025.729	321832.47	0.4834	P	1.1
4	☐	2500.000	2523.214	772112.87	1.1887	P	0.4
5	☐	5000.000	5005.353	1457203.29	2.3578	A	0.8
6	☐	10000.000	9985.685	2853214.07	4.7035	A	1.2
7	☐	20000.000	19729.853	5721449.26	9.2930	A	1.9
8	☐	100000.00	100054.35	29414577.97	47.1255	A	0.5

$$y = 4.7100E-004 * x + 2.8928E-004$$

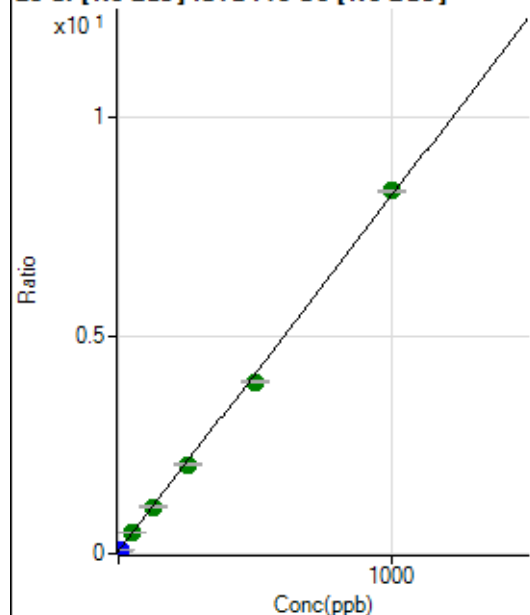
$$R = 1.0000$$

$$DL = 0.3088$$

$$BEC = 0.6142$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	452442.41	0.0579	P	0.9
2	☐	10.000	1.125	528924.64	0.0670	P	0.7
3	☐	50.000	51.359	3768156.94	0.4760	A	2.0
4	☐	125.000	125.096	8244174.06	1.0764	A	1.3
5	☐	250.000	243.785	14990827.59	2.0427	A	1.1
6	☐	500.000	475.557	27718419.72	3.9298	A	0.7
7	☐	1000.000	1013.784	59628872.86	8.3119	A	0.5
8	☐			759493.69	0.1073	P	2.2

$$y = 0.0081 * x + 0.0579$$

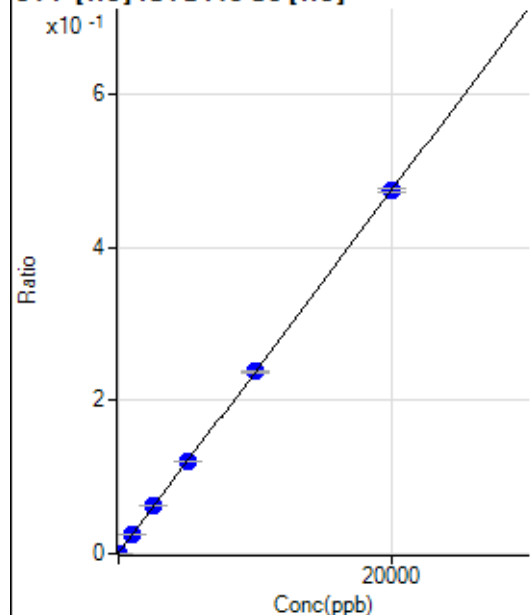
$$R = 0.9995$$

$$DL = 0.196$$

$$BEC = 7.11$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-9.171	300.01	0.0005	P	27.3
2	☐	0.000	9.171	594.47	0.0009	P	20.3
3	☐	1000.000	1035.661	16754.00	0.0252	P	3.3
4	☐	2500.000	2623.584	40746.69	0.0627	P	2.1
5	☐	5000.000	5062.668	74436.86	0.1204	P	1.0
6	☐	10000.000	9990.104	143766.15	0.2370	P	1.6
7	☐	20000.000	19972.050	291321.77	0.4732	P	1.2
8	☐			480.58	0.0008	P	5.2

$$y = 2.3658E-005 * x + 6.6750E-004$$

$$R = 1.0000$$

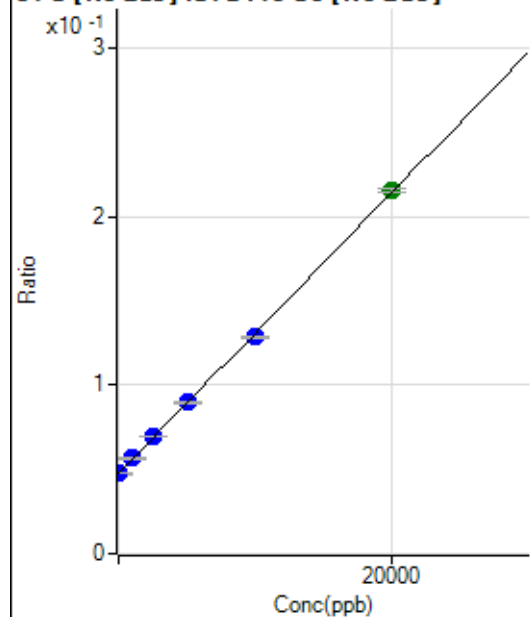
$$DL = 19.21$$

$$BEC = 28.21$$

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	0.562	372763.55	0.0477	P	1.7
2	☐	0.000	-0.562	376199.48	0.0477	P	0.3
3	☐	1000.000	1072.866	448376.29	0.0566	P	0.9
4	☐	2500.000	2631.146	533415.65	0.0696	P	1.2
5	☐	5000.000	5059.406	659792.71	0.0899	P	0.8
6	☐	10000.000	9693.075	906823.48	0.1286	P	0.4
7	☐	20000.000	20118.574	1546453.50	0.2156	A	0.9
8	☐			285869.52	0.0404	P	0.7

$$y = 8.3439E-006 * x + 0.0477$$

R = 0.9998

DL = 173.5

BEC = 5716

Weight: <None>

Min Conc: 0

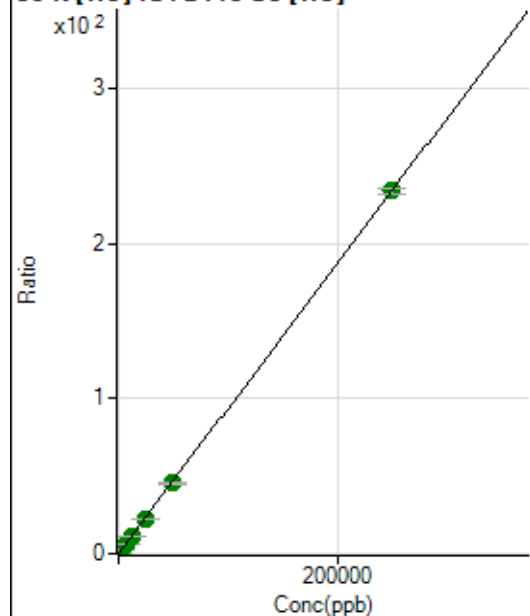
35 Cl [No Gas] No available calibration points



	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	61580.60	0.0925	P	0.5
2	☐	500.000	503.682	378339.23	0.5631	P	0.8
3	☐	2500.000	2504.314	1619310.46	2.4323	A	1.4
4	☐	6250.000	6206.869	3826844.44	5.8916	A	1.1
5	☐	12500.000	12156.313	7076608.23	11.4503	A	0.4
6	☐	25000.000	23921.557	13613532.07	22.4427	A	1.0
7	☐	50000.000	48625.864	28027812.43	45.5242	A	1.4
8	☐	250000.00	250400.88	146082367.15	234.0448	A	1.4

$$y = 9.3431E-004 * x + 0.0925$$

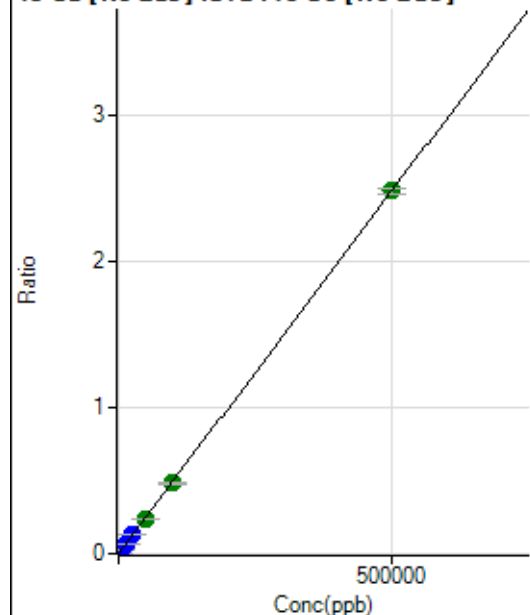
$$R = 1.0000$$

$$DL = 1.493$$

$$BEC = 98.98$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	191.67	0.0000	P	4.9
2	☐	500.000	497.942	19704.79	0.0025	P	2.0
3	☐	5000.000	5436.222	213920.87	0.0270	P	0.4
4	☐	12500.000	13085.884	497973.87	0.0650	P	0.7
5	☐	25000.000	26136.890	952798.86	0.1298	P	0.9
6	☐	50000.000	48554.511	1701119.46	0.2412	A	1.7
7	☐	100000.00	96999.664	3456121.87	0.4818	A	1.1
8	☐	500000.00	500668.76	17600381.30	2.4866	A	1.3

$$y = 4.9665\text{E-}006 * x + 2.4527\text{E-}005$$

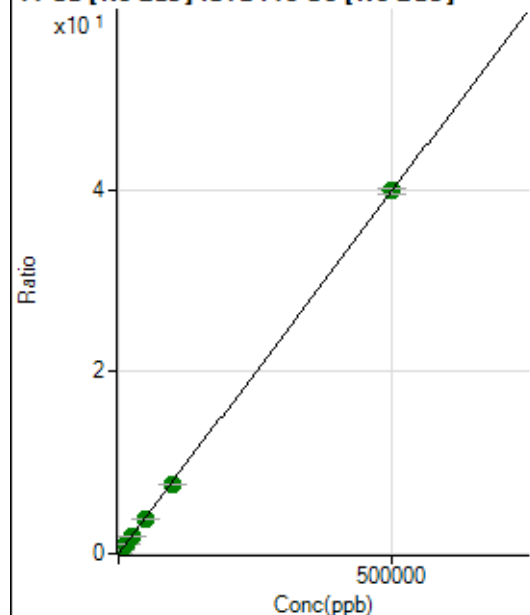
$$R = 1.0000$$

$$DL = 0.7285$$

$$BEC = 4.939$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	17669.23	0.0023	P	1.6
2	☐	500.000	498.013	330319.64	0.0419	P	0.6
3	☐	5000.000	5081.542	3217247.16	0.4064	A	1.0
4	☐	12500.000	12304.089	7512609.63	0.9808	A	0.6
5	☐	25000.000	24400.699	14258557.26	1.9429	A	0.6
6	☐	50000.000	48102.251	26999944.52	3.8280	A	0.2
7	☐	100000.00	96494.326	55074090.82	7.6767	A	0.8
8	☐	500000.00	500924.95	281999775.75	39.8422	A	1.7

$$y = 7.9533\text{E-}005 * x + 0.0023$$

$$R = 1.0000$$

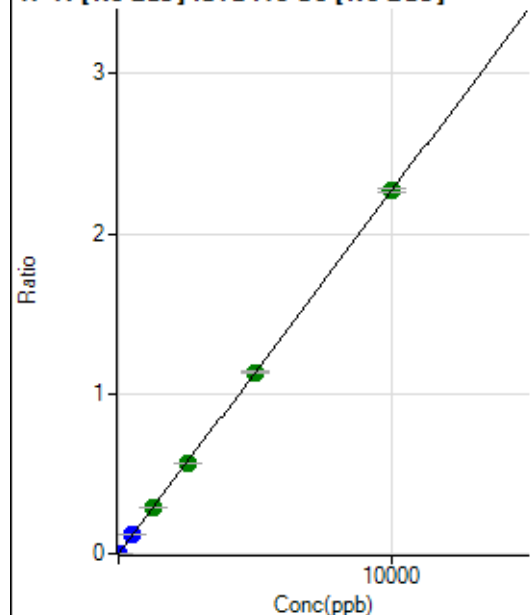
$$DL = 1.405$$

$$BEC = 28.42$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	166.67	0.0000	P	35.7
2	☐	5.000	4.991	9097.38	0.0012	P	1.1
3	☐	500.000	510.976	917530.08	0.1159	P	0.9
4	☐	1250.000	1268.429	2203640.65	0.2877	A	1.0
5	☐	2500.000	2499.219	4159930.65	0.5668	A	0.4
6	☐	5000.000	4994.767	7989730.04	1.1328	A	1.2
7	☐	10000.000	9999.959	16270089.25	2.2679	A	1.0
8	☐			3092.05	0.0004	P	2.0

$$y = 2.2679E-004 * x + 2.1310E-005$$

$$R = 1.0000$$

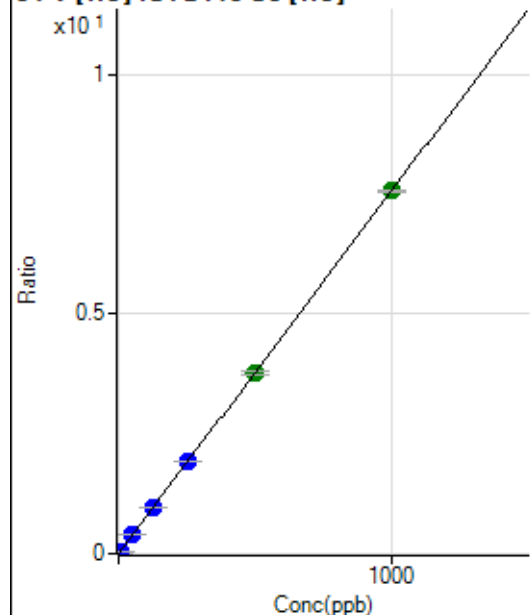
$$DL = 0.1006$$

$$BEC = 0.09396$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	65.56	0.0001	P	15.1
2	☐	5.000	4.895	24978.53	0.0372	P	1.2
3	☐	50.000	51.620	260398.35	0.3911	P	0.7
4	☐	125.000	127.895	629316.16	0.9689	P	1.0
5	☐	250.000	252.409	1181728.46	1.9121	P	0.1
6	☐	500.000	497.801	2287299.25	3.7709	A	1.4
7	☐	1000.000	1000.055	4664312.74	7.5754	A	0.2
8	☐			1221.17	0.0020	P	4.9

$$y = 0.0076 * x + 9.8489E-005$$

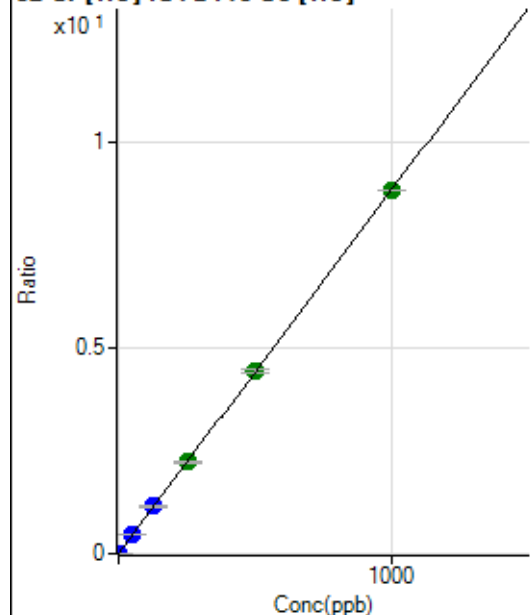
$$R = 1.0000$$

$$DL = 0.005886$$

$$BEC = 0.013$$

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	2455.78	0.0037	P	2.4
2	☐	2.000	1.995	14343.57	0.0213	P	1.6
3	☐	50.000	52.973	314627.25	0.4726	P	0.7
4	☐	125.000	129.891	749139.76	1.1534	P	1.1
5	☐	250.000	251.594	1378606.75	2.2306	A	0.6
6	☐	500.000	502.150	2698239.16	4.4482	A	1.1
7	☐	1000.000	997.766	5439948.95	8.8350	A	0.0
8	☐			53697.49	0.0860	P	0.9

$$y = 0.0089 * x + 0.0037$$

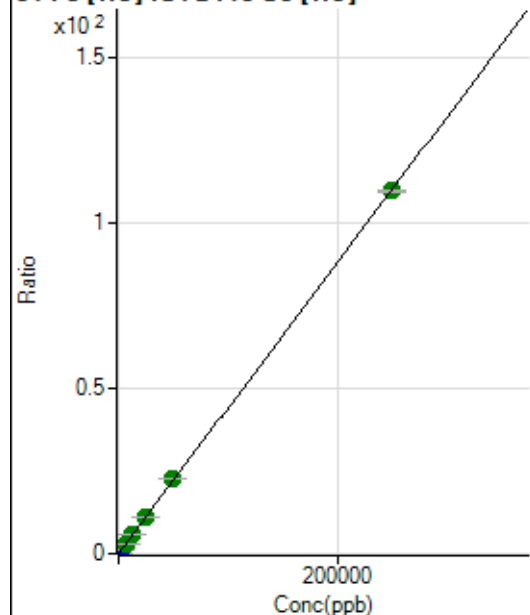
$$R = 1.0000$$

$$DL = 0.02965$$

$$BEC = 0.4167$$

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	1715.20	0.0026	P	7.9
2	☐	50.000	52.084	17097.24	0.0254	P	1.4
3	☐	2500.000	2742.406	803374.35	1.2067	P	0.9
4	☐	6250.000	6578.811	1877713.84	2.8911	A	1.7
5	☐	12500.000	13006.403	3531121.47	5.7131	A	0.9
6	☐	25000.000	25534.417	6801870.69	11.2137	A	1.4
7	☐	50000.000	51282.547	13865468.94	22.5186	A	0.2
8	☐	250000.00	249654.08	68417296.55	109.6151	A	0.7

$$y = 4.3906E-004 * x + 0.0026$$

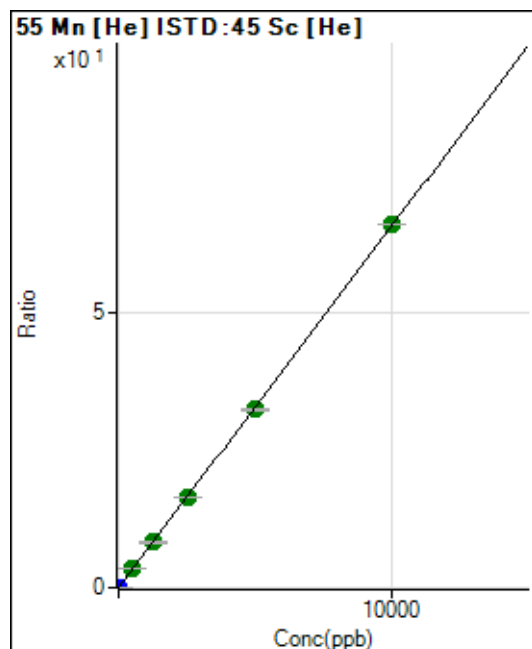
$$R = 1.0000$$

$$DL = 1.398$$

$$BEC = 5.868$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	434.45	0.0007	P	8.5
2	☐	1.000	1.011	4915.30	0.0073	P	1.4
3	☐	500.000	511.996	2247404.81	3.3756	A	0.7
4	☐	1250.000	1252.056	5361186.34	8.2538	A	0.4
5	☐	2500.000	2496.359	10170999.29	16.4558	A	1.2
6	☐	5000.000	4926.728	19698743.73	32.4760	A	1.6
7	☐	10000.000	10036.690	40736051.06	66.1591	A	0.1
8	☐			30525.46	0.0489	P	1.1

$$y = 0.0066 * x + 6.5239E-004$$

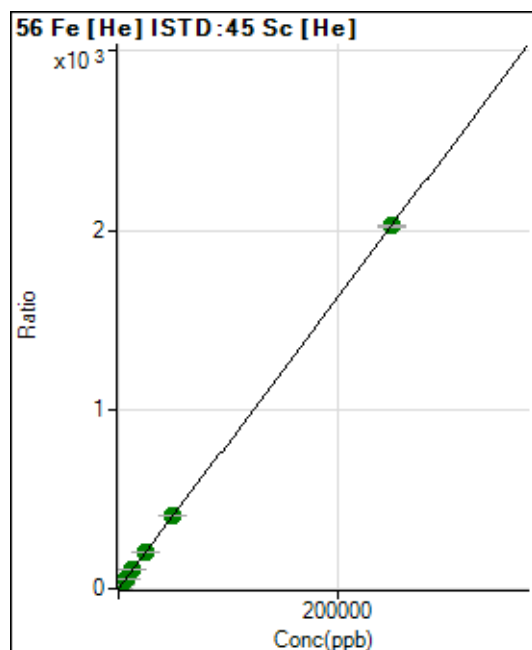
$$R = 1.0000$$

$$DL = 0.02532$$

$$BEC = 0.09897$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16121.74	0.0242	P	1.0
2	☐	50.000	50.217	289400.61	0.4307	P	0.3
3	☐	2500.000	2597.977	14016577.51	21.0540	A	1.4
4	☐	6250.000	6343.692	33368819.03	51.3743	A	0.8
5	☐	12500.000	12700.366	63554475.03	102.8295	A	0.5
6	☐	25000.000	24913.621	122348135.14	201.6919	A	0.7
7	☐	50000.000	50210.134	250248129.67	406.4589	A	1.2
8	☐	250000.00	249953.27	1262885094.8	2.023.314	A	0.4

$$y = 0.0081 * x + 0.0242$$

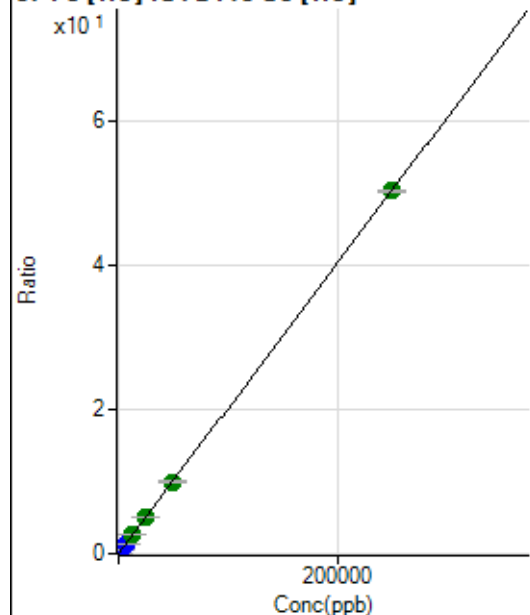
$$R = 1.0000$$

$$DL = 0.09061$$

$$BEC = 2.991$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	507.42	0.0008	P	10.3
2	☐	50.000	51.531	7490.86	0.0111	P	3.6
3	☐	2500.000	2624.352	352667.15	0.5297	P	1.1
4	☐	6250.000	6463.513	846677.81	1.3035	P	0.7
5	☐	12500.000	12702.441	1582849.08	2.5610	A	1.0
6	☐	25000.000	24786.469	3031010.46	4.9966	A	1.2
7	☐	50000.000	49580.409	6153415.59	9.9940	A	0.5
8	☐	250000.00	250088.56	31462616.91	50.4076	A	0.6

$$y = 2.0156\text{E-}004 * x + 7.6214\text{E-}004$$

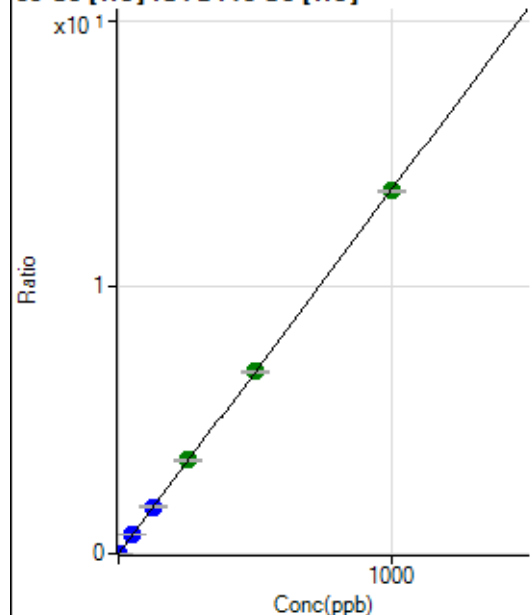
R = 1.0000

DL = 1.173

BEC = 3.781

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	167.78	0.0003	P	16.7
2	☐	1.000	1.029	9594.25	0.0143	P	1.6
3	☐	50.000	52.454	476416.07	0.7156	P	1.3
4	☐	125.000	128.964	1142513.84	1.7590	P	1.0
5	☐	250.000	256.485	2161999.22	3.4981	A	0.8
6	☐	500.000	500.831	4143187.40	6.8304	A	1.4
7	☐	1000.000	997.345	8374568.00	13.6017	A	0.8
8	☐			24815.01	0.0398	P	1.1

$$y = 0.0136 * x + 2.5192\text{E-}004$$

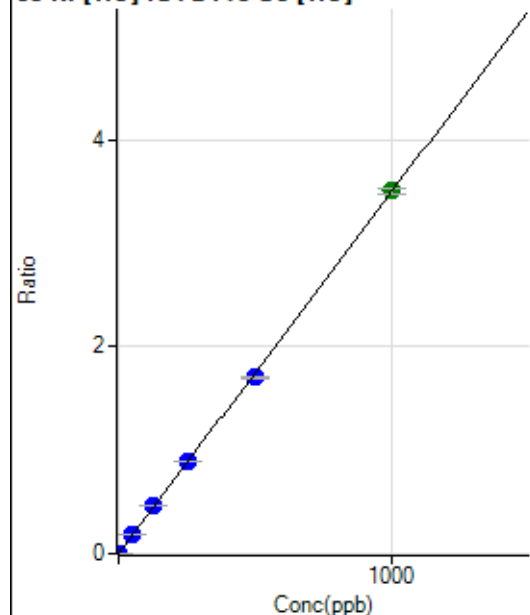
R = 1.0000

DL = 0.009271

BEC = 0.01847

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	250.00	0.0004	P	4.8
2	☐	1.000	1.022	2653.59	0.0039	P	3.2
3	☐	50.000	53.307	124323.37	0.1867	P	0.7
4	☐	125.000	131.016	297737.22	0.4584	P	0.9
5	☐	250.000	256.485	554397.91	0.8970	P	0.1
6	☐	500.000	488.460	1036079.53	1.7080	P	0.9
7	☐	1000.000	1003.231	2159714.53	3.5076	A	1.8
8	☐			19809.84	0.0317	P	1.8

$$y = 0.0035 * x + 3.7545E-004$$

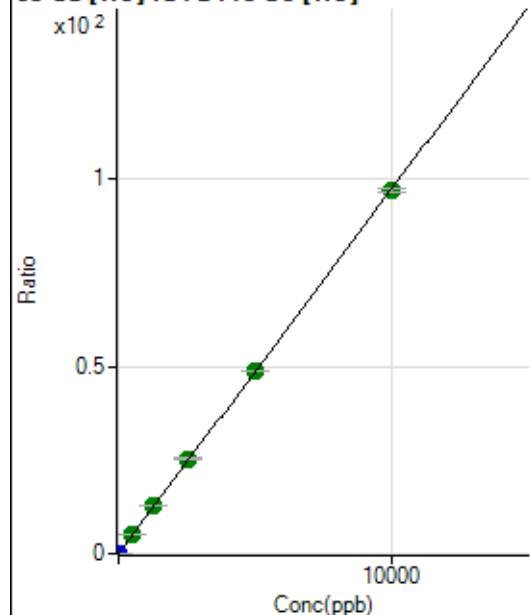
$$R = 0.9999$$

$$DL = 0.01552$$

$$BEC = 0.1074$$

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	1028.94	0.0015	P	7.4
2	☐	2.000	2.082	14652.79	0.0218	P	1.3
3	☐	500.000	537.682	3485119.46	5.2347	A	1.3
4	☐	1250.000	1305.951	8257216.06	12.7122	A	1.0
5	☐	2500.000	2611.027	15707747.27	25.4143	A	0.9
6	☐	5000.000	5015.062	29610495.95	48.8123	A	0.5
7	☐	10000.000	9955.834	59660167.44	96.9001	A	1.2
8	☐			25531.82	0.0409	P	1.5

$$y = 0.0097 * x + 0.0015$$

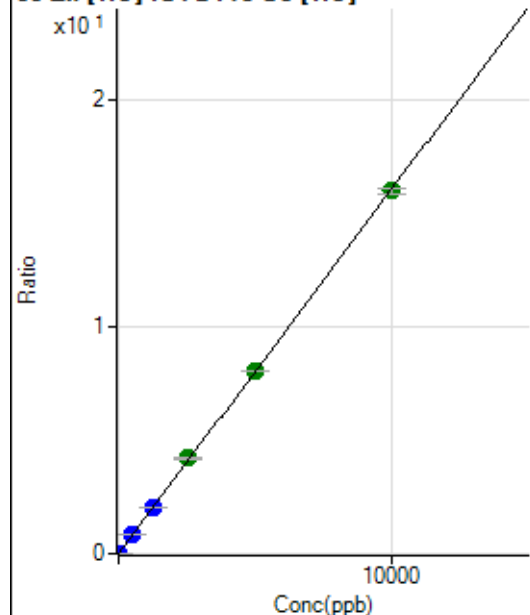
$$R = 0.9999$$

$$DL = 0.0352$$

$$BEC = 0.1587$$

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	488.90	0.0007	P	12.3
2	☐	2.000	2.070	2730.28	0.0041	P	3.3
3	☐	500.000	527.301	564989.08	0.8486	P	1.2
4	☐	1250.000	1287.367	1345061.40	2.0708	P	0.5
5	☐	2500.000	2623.650	2607851.07	4.2195	A	1.0
6	☐	5000.000	5009.433	4886750.27	8.0558	A	0.6
7	☐	10000.000	9958.335	9859159.16	16.0136	A	1.9
8	☐			29765.25	0.0477	P	1.5

$$y = 0.0016 * x + 7.3428E-004$$

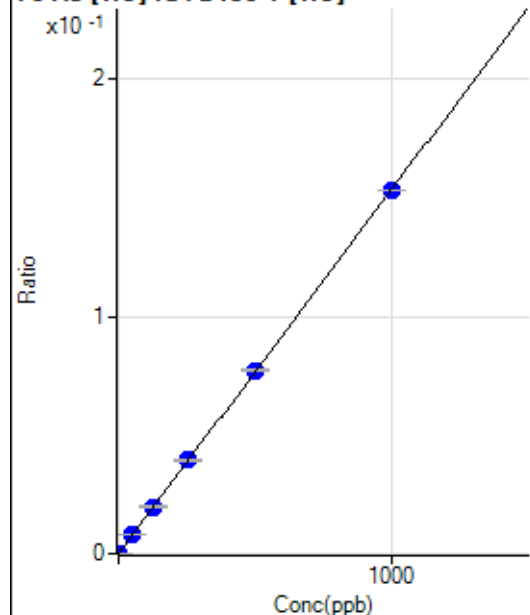
$$R = 0.9999$$

$$DL = 0.169$$

$$BEC = 0.4566$$

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	23.46	0.0000	P	30.4
2	☐	1.000	1.069	742.62	0.0002	P	4.7
3	☐	50.000	52.926	34861.13	0.0081	P	2.2
4	☐	125.000	129.083	83225.60	0.0198	P	0.6
5	☐	250.000	256.230	156778.62	0.0393	P	0.7
6	☐	500.000	502.312	303702.70	0.0771	P	1.1
7	☐	1000.000	996.630	619733.78	0.1530	P	0.1
8	☐			310.50	0.0001	P	6.7

$$y = 1.5355E-004 * x + 5.4158E-006$$

$$R = 1.0000$$

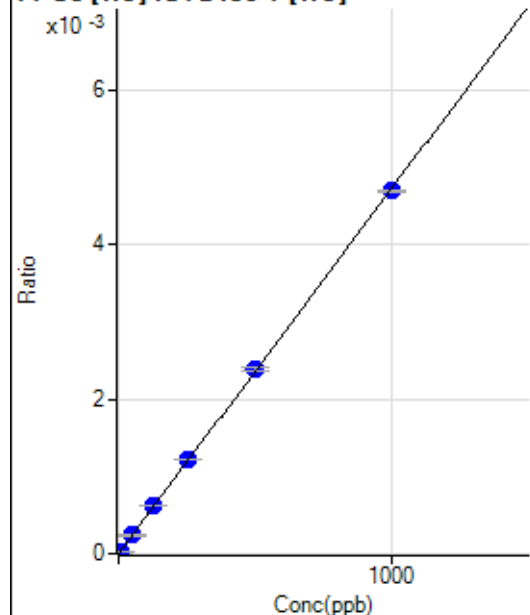
$$DL = 0.03221$$

$$BEC = 0.03527$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	5.429	113.34	0.0000	P	13.3
3	☐	50.000	51.938	1051.16	0.0002	P	11.0
4	☐	125.000	130.529	2585.81	0.0006	P	1.3
5	☐	250.000	258.191	4853.06	0.0012	P	1.8
6	☐	500.000	505.721	9395.28	0.0024	P	2.3
7	☐	1000.000	994.301	18993.41	0.0047	P	0.6
8	☐			8.89	0.0000	P	86.6

$$y = 4.7169\text{E-}006 * x + 2.5765\text{E-}007$$

$$R = 0.9999$$

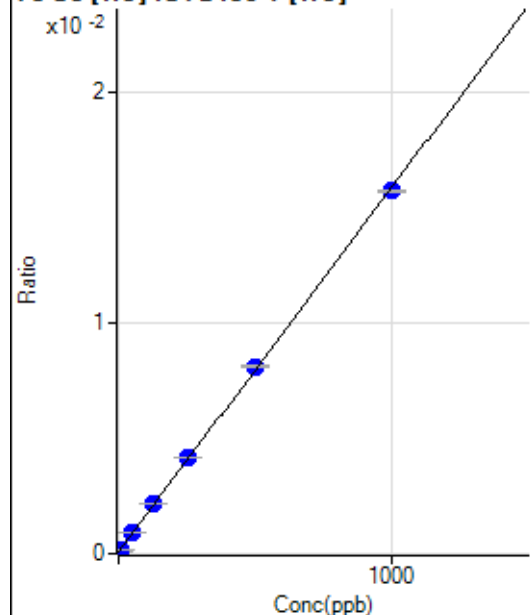
$$DL = 0.2838$$

$$BEC = 0.05462$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	324.08	0.0001	P	4.9
2	☐	5.000	5.561	711.13	0.0002	P	11.9
3	☐	50.000	53.785	3956.10	0.0009	P	3.2
4	☐	125.000	132.263	9068.23	0.0022	P	1.5
5	☐	250.000	258.818	16558.62	0.0042	P	0.1
6	☐	500.000	510.160	31967.65	0.0081	P	1.1
7	☐	1000.000	991.615	63623.18	0.0157	P	0.5
8	☐			375.93	0.0001	P	5.7

$$y = 1.5768\text{E-}005 * x + 7.4753\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.7035$$

$$BEC = 4.741$$

Weight: <None>

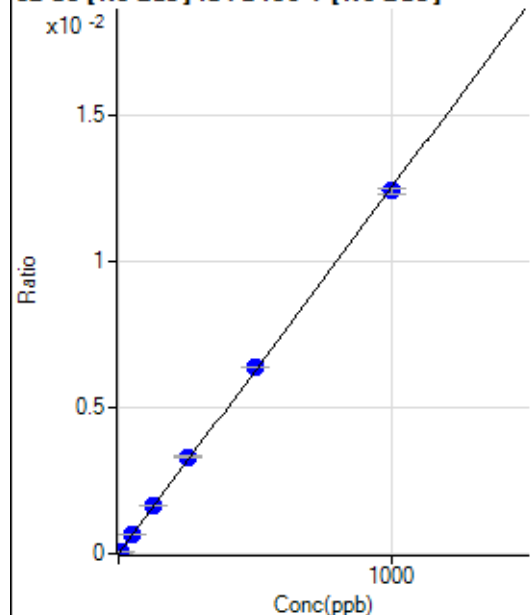
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12708.50		P	1.8
2	☐			12105.21		P	1.9
3	☐			12324.89		P	2.9
4	☐			11774.40		P	1.2
5	☐			11285.15		P	3.0
6	☐			10373.37		P	1.5
7	☐			10492.89		P	2.3
8	☐			11893.95		P	3.6

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			73.41		P	28.4
2	☐			83.42		P	13.9
3	☐			80.08		P	37.5
4	☐			56.72		P	50.9
5	☐			46.71		P	12.4
6	☐			50.05		P	40.0
7	☐			96.77		P	57.0
8	☐			123.46		P	40.0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.19	0.0000	P	429.
2	☐	5.000	5.251	1189.14	0.0001	P	20.9
3	☐	50.000	53.323	11799.50	0.0007	P	1.1
4	☐	125.000	132.072	28485.51	0.0017	P	1.6
5	☐	250.000	263.052	54115.17	0.0033	P	1.9
6	☐	500.000	509.090	101628.04	0.0064	P	0.3
7	☐	1000.000	991.140	202407.31	0.0124	P	1.4
8	☐			215.97	0.0000	P	102.

$$y = 1.2530E-005 * x + 2.0355E-006$$

$$R = 0.9998$$

$$DL = 2.091$$

$$BEC = 0.1625$$

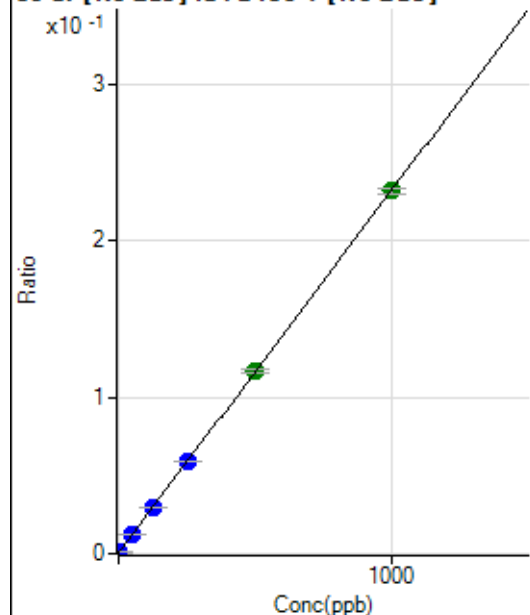
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			5412.15		P	2.2
2	☐			5495.51		P	3.0
3	☐			5364.36		P	4.9
4	☐			5395.47		P	1.1
5	☐			4897.52		P	4.0
6	☐			4711.91		P	3.1
7	☐			4607.43		P	1.1
8	☐			5010.89		P	6.5

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8841.76	0.0005	P	3.6
2	☐	1.000	0.926	12564.00	0.0007	P	2.7
3	☐	50.000	50.745	216086.02	0.0123	P	0.1
4	☐	125.000	125.103	507566.38	0.0295	P	1.0
5	☐	250.000	252.198	968150.62	0.0590	P	1.6
6	☐	500.000	501.209	1859537.60	0.1168	A	1.6
7	☐	1000.000	998.796	3783628.86	0.2322	A	1.5
8	☐			33861.84	0.0021	P	3.1

$$y = 2.3196\text{E-}004 * x + 5.0213\text{E-}004$$

$$R = 1.0000$$

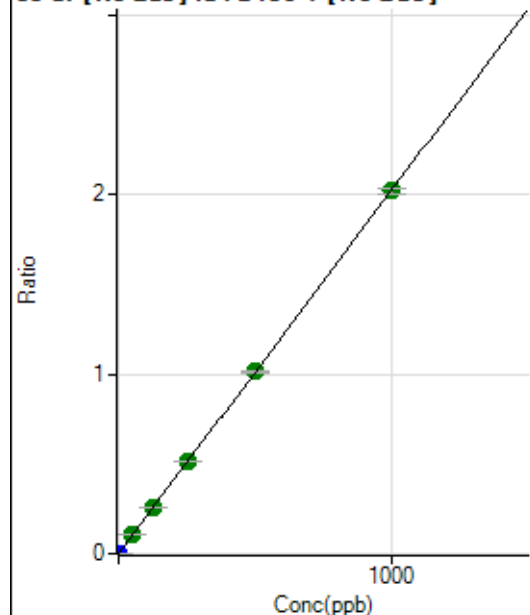
$$DL = 0.2325$$

$$BEC = 2.165$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	519.46	0.0000	P	10.2
2	☐	1.000	0.964	34747.16	0.0020	P	1.2
3	☐	50.000	51.226	1827487.61	0.1038	A	0.6
4	☐	125.000	125.947	4387448.88	0.2552	A	1.2
5	☐	250.000	254.454	8459151.49	0.5155	A	1.0
6	☐	500.000	500.194	16138156.09	1.0133	A	0.5
7	☐	1000.000	998.610	32965694.14	2.0229	A	1.3
8	☐			226792.50	0.0142	P	1.0

$$y = 0.0020 * x + 2.9497\text{E-}005$$

$$R = 1.0000$$

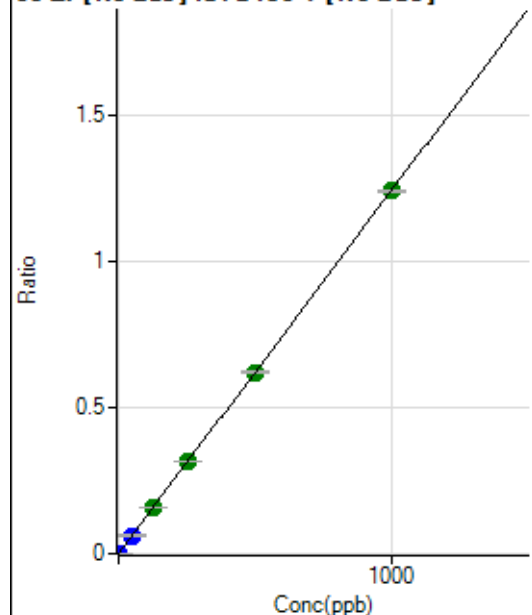
$$DL = 0.004465$$

$$BEC = 0.01456$$

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	1166.74	0.0001	P	4.7
2	☐	1.000	0.975	22353.53	0.0013	P	1.6
3	☐	50.000	50.158	1096194.11	0.0623	P	0.9
4	☐	125.000	125.661	2679912.36	0.1559	A	1.5
5	☐	250.000	253.509	5159121.47	0.3144	A	0.4
6	☐	500.000	500.128	9877483.99	0.6202	A	0.8
7	☐	1000.000	998.968	20185586.74	1.2387	A	0.6
8	☐			10787.59	0.0007	P	2.9

$$y = 0.0012 * x + 6.6267E-005$$

$$R = 1.0000$$

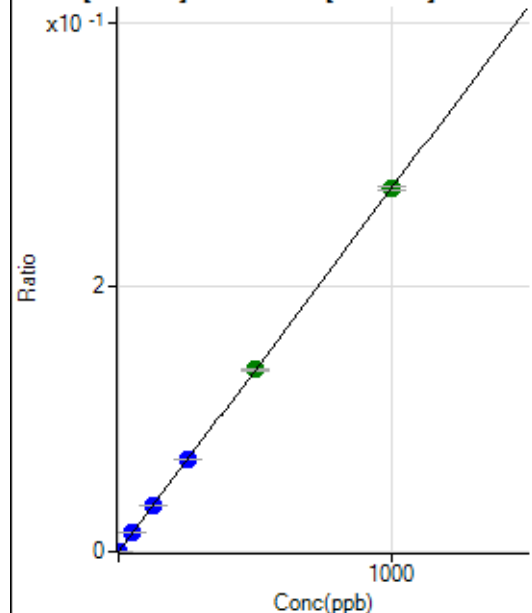
$$DL = 0.007575$$

$$BEC = 0.05345$$

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	297.23	0.0000	P	14.2
2	☐	1.000	0.949	4862.05	0.0003	P	0.9
3	☐	50.000	51.141	247586.58	0.0141	P	1.4
4	☐	125.000	126.439	597272.57	0.0347	P	0.9
5	☐	250.000	254.061	1145138.01	0.0698	P	1.3
6	☐	500.000	500.471	2189279.73	0.1375	A	0.8
7	☐	1000.000	998.512	4468826.10	0.2742	A	1.1
8	☐			2394.71	0.0001	P	8.2

$$y = 2.7461E-004 * x + 1.6883E-005$$

$$R = 1.0000$$

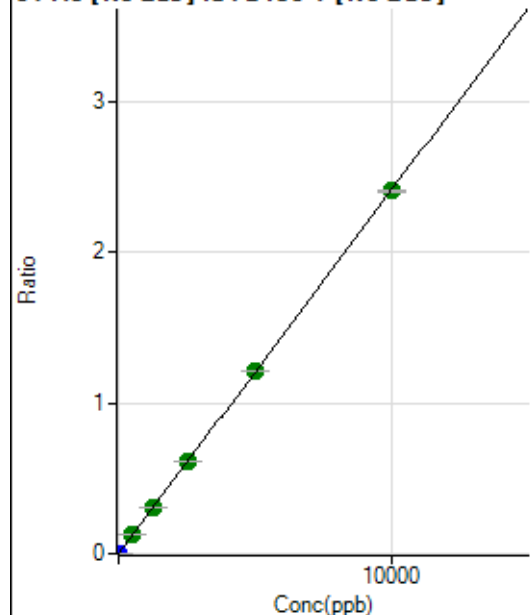
$$DL = 0.02625$$

$$BEC = 0.06148$$

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	497.24	0.0000	P	13.0
2	☐	5.000	5.782	24952.48	0.0014	P	2.8
3	☐	500.000	511.053	2172386.44	0.1234	A	1.1
4	☐	1250.000	1273.783	5287058.45	0.3075	A	0.9
5	☐	2500.000	2543.179	10074491.46	0.6139	A	0.6
6	☐	5000.000	5017.959	19292541.75	1.2113	A	0.3
7	☐	10000.000	9976.700	39246820.32	2.4083	A	0.7
8	☐			14588.22	0.0009	P	4.1

$$y = 2.4139E-004 * x + 2.8229E-005$$

$$R = 1.0000$$

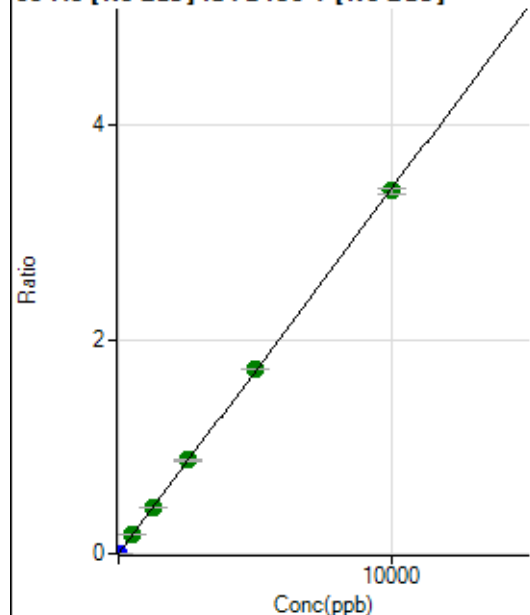
$$DL = 0.04577$$

$$BEC = 0.1169$$

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	130.56	0.0000	P	15.9
2	☐	5.000	5.057	30312.52	0.0017	P	1.5
3	☐	500.000	516.604	3097548.25	0.1759	A	0.2
4	☐	1250.000	1269.699	7433732.80	0.4324	A	1.6
5	☐	2500.000	2559.071	14300543.20	0.8715	A	0.7
6	☐	5000.000	5070.694	27502032.38	1.7267	A	0.1
7	☐	10000.000	9946.593	55198781.44	3.3871	A	1.3
8	☐			18036.56	0.0011	P	6.7

$$y = 3.4053E-004 * x + 7.4135E-006$$

$$R = 0.9999$$

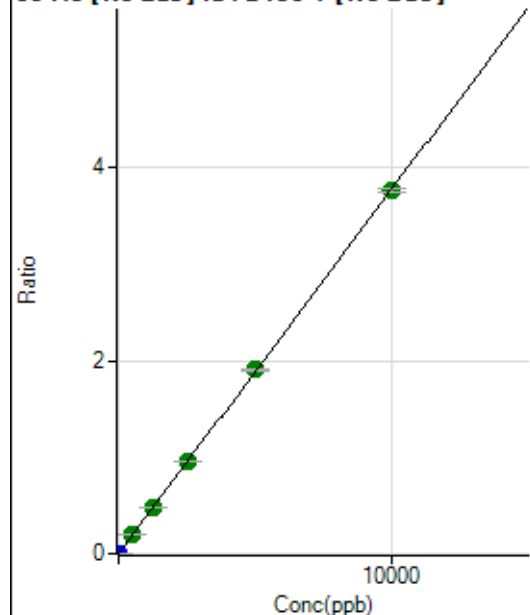
$$DL = 0.01038$$

$$BEC = 0.02177$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	225.01	0.0000	P	45.9
2	☐	5.000	5.124	34093.06	0.0019	P	1.2
3	☐	500.000	510.734	3391854.00	0.1926	A	0.4
4	☐	1250.000	1266.318	8211490.72	0.4776	A	1.4
5	☐	2500.000	2547.038	15764244.63	0.9606	A	0.4
6	☐	5000.000	5049.260	30331131.23	1.9044	A	0.5
7	☐	10000.000	9961.034	61223937.48	3.7569	A	1.2
8	☐			26335.46	0.0016	P	2.4

$$y = 3.7716E-004 * x + 1.2791E-005$$

$$R = 1.0000$$

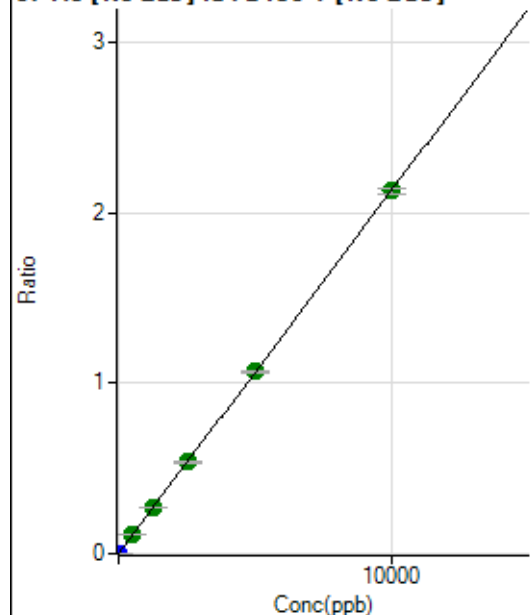
$$DL = 0.04669$$

$$BEC = 0.03391$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	116.67	0.0000	P	28.3
2	☐	5.000	4.827	18159.00	0.0010	P	0.5
3	☐	500.000	509.579	1913913.61	0.1087	A	0.7
4	☐	1250.000	1266.646	4645428.32	0.2702	A	0.3
5	☐	2500.000	2521.145	8824167.30	0.5378	A	1.3
6	☐	5000.000	5005.149	17003369.13	1.0676	A	0.8
7	☐	10000.000	9989.580	34723053.90	2.1308	A	1.3
8	☐			10873.78	0.0007	P	3.2

$$y = 2.1330E-004 * x + 6.6234E-006$$

$$R = 1.0000$$

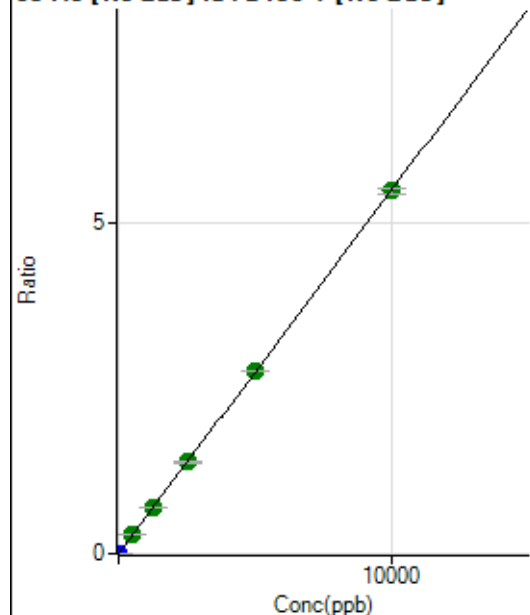
$$DL = 0.0264$$

$$BEC = 0.03105$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	269.45	0.0000	P	5.1
2	☐	5.000	4.943	47773.16	0.0027	P	2.2
3	☐	500.000	506.223	4887864.74	0.2776	A	0.9
4	☐	1250.000	1262.476	11902961.90	0.6923	A	2.1
5	☐	2500.000	2520.471	22680828.63	1.3822	A	1.4
6	☐	5000.000	5020.661	43851510.70	2.7533	A	0.5
7	☐	10000.000	9982.681	89209708.24	5.4745	A	1.7
8	☐			27704.73	0.0017	P	1.1

$$y = 5.4839\text{E-}004 * x + 1.5304\text{E-}005$$

$$R = 1.0000$$

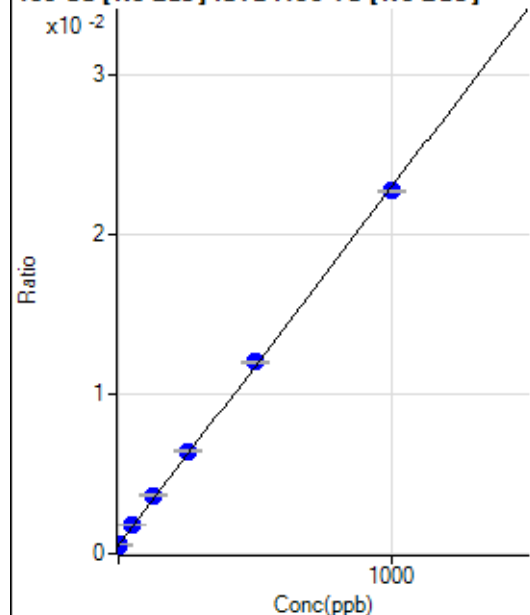
$$DL = 0.004291$$

$$BEC = 0.02791$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7146.41	0.0005	P	5.2
2	☐	1.000	1.356	7621.66	0.0006	P	4.7
3	☐	50.000	56.571	24760.54	0.0018	P	2.5
4	☐	125.000	138.375	49150.50	0.0036	P	3.3
5	☐	250.000	262.260	85407.14	0.0064	P	1.1
6	☐	500.000	510.835	158262.96	0.0120	P	1.8
7	☐	1000.000	989.516	305394.41	0.0227	P	0.7
8	☐			6740.64	0.0005	P	1.6

$$y = 2.2422\text{E-}005 * x + 5.3167\text{E-}004$$

$$R = 0.9998$$

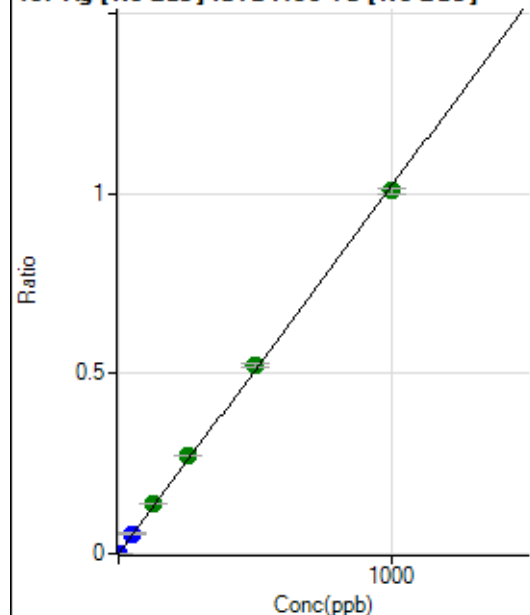
$$DL = 3.734$$

$$BEC = 23.71$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	55.55	0.0000	P	7.1
2	☐	1.000	0.903	12536.29	0.0009	P	11.7
3	☐	50.000	54.654	766805.86	0.0557	P	1.2
4	☐	125.000	136.662	1885205.58	0.1394	A	1.6
5	☐	250.000	267.111	3628555.81	0.2724	A	0.2
6	☐	500.000	513.420	6913707.71	0.5236	A	2.0
7	☐	1000.000	987.322	13535418.88	1.0069	A	1.5
8	☐			5740.17	0.0004	P	2.3

$$y = 0.0010 * x + 4.1303E-006$$

$$R = 0.9997$$

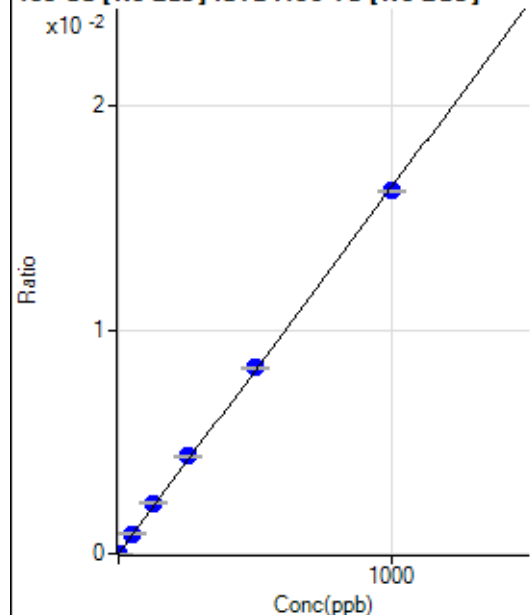
$$DL = 0.0008607$$

$$BEC = 0.00405$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	56.95	0.0000	P	24.7
2	☐	1.000	1.142	311.12	0.0000	P	10.8
3	☐	50.000	54.763	12385.97	0.0009	P	1.2
4	☐	125.000	137.208	30425.06	0.0022	P	2.8
5	☐	250.000	265.174	57858.10	0.0043	P	1.1
6	☐	500.000	507.907	109810.52	0.0083	P	1.3
7	☐	1000.000	990.489	217946.75	0.0162	P	0.8
8	☐			161.11	0.0000	P	10.8

$$y = 1.6365E-005 * x + 4.2468E-006$$

$$R = 0.9998$$

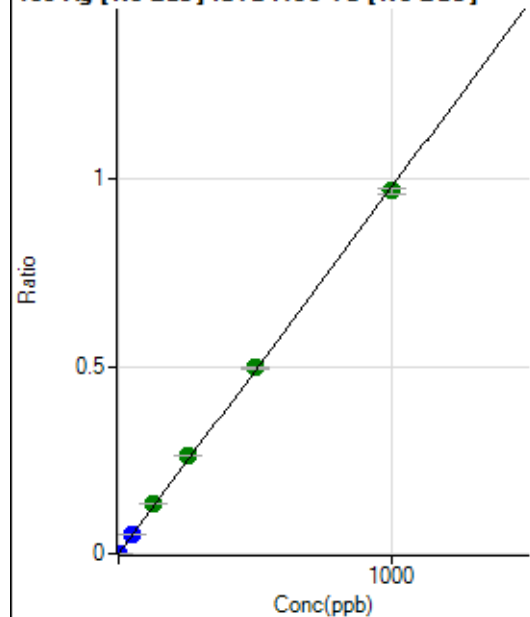
$$DL = 0.1926$$

$$BEC = 0.2595$$

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	30.56	0.0000	P	88.1
2	☐	1.000	0.889	11832.97	0.0009	P	15.4
3	☐	50.000	54.149	729155.19	0.0530	P	1.6
4	☐	125.000	136.057	1801336.22	0.1332	A	0.4
5	☐	250.000	267.848	3492070.48	0.2622	A	1.0
6	☐	500.000	507.667	6561136.56	0.4969	A	1.2
7	☐	1000.000	990.115	13028761.66	0.9691	A	1.3
8	☐			5356.67	0.0004	P	6.2

$$y = 9.7881\text{E-}004 * x + 2.2844\text{E-}006$$

$$R = 0.9998$$

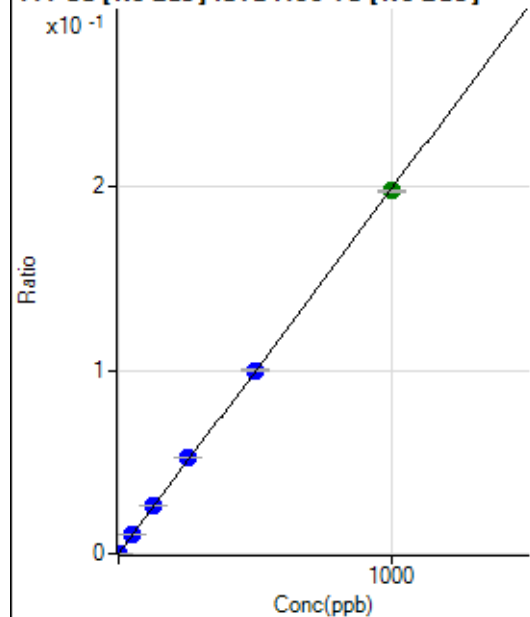
$$DL = 0.006167$$

$$BEC = 0.002334$$

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	399.03	0.0000	P	3.9
2	☐	1.000	1.102	3371.24	0.0002	P	3.2
3	☐	50.000	54.058	148179.71	0.0108	P	0.8
4	☐	125.000	133.607	359509.32	0.0266	P	0.7
5	☐	250.000	262.156	694280.70	0.0521	P	0.5
6	☐	500.000	501.970	1317491.66	0.0998	P	1.1
7	☐	1000.000	994.697	2657629.51	0.1977	A	0.8
8	☐			1221.89	0.0001	P	6.6

$$y = 1.9872\text{E-}004 * x + 2.9688\text{E-}005$$

$$R = 0.9999$$

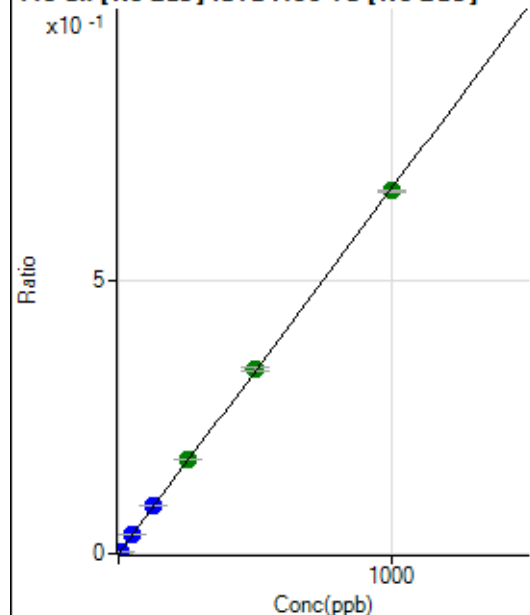
$$DL = 0.01744$$

$$BEC = 0.1494$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2011.31	0.0001	P	12.6
2	☐	5.000	5.135	48412.66	0.0036	P	2.6
3	☐	50.000	52.150	479940.54	0.0349	P	1.1
4	☐	125.000	129.874	1172191.70	0.0867	P	0.7
5	☐	250.000	259.760	2306782.17	0.1732	A	0.4
6	☐	500.000	505.777	4450899.14	0.3371	A	1.1
7	☐	1000.000	993.954	8903002.89	0.6623	A	0.8
8	☐			30574.72	0.0024	P	1.5

$$y = 6.6613\text{E-}004 * x + 1.4986\text{E-}004$$

$$R = 0.9999$$

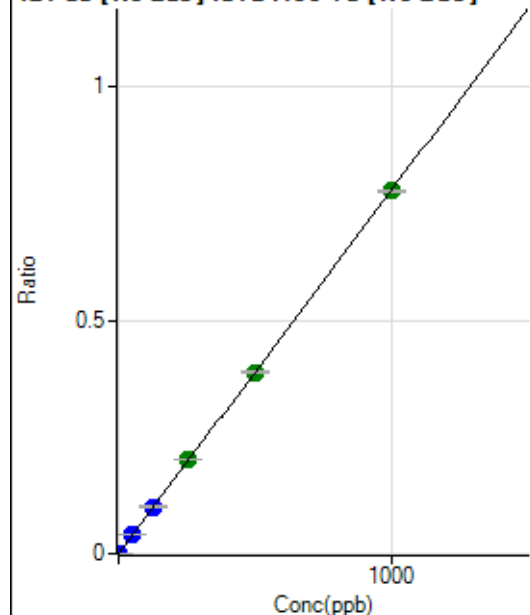
$$DL = 0.08537$$

$$BEC = 0.225$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	75.00	0.0000	P	29.5
2	☐	2.000	2.013	21319.19	0.0016	P	1.4
3	☐	50.000	51.601	552608.03	0.0402	P	0.6
4	☐	125.000	129.047	1358706.59	0.1005	P	1.6
5	☐	250.000	257.514	2670052.14	0.2005	A	0.5
6	☐	500.000	499.054	5129554.37	0.3885	A	1.7
7	☐	1000.000	998.009	10443525.93	0.7769	A	0.4
8	☐			7516.04	0.0006	P	1.5

$$y = 7.7841\text{E-}004 * x + 5.5841\text{E-}006$$

$$R = 1.0000$$

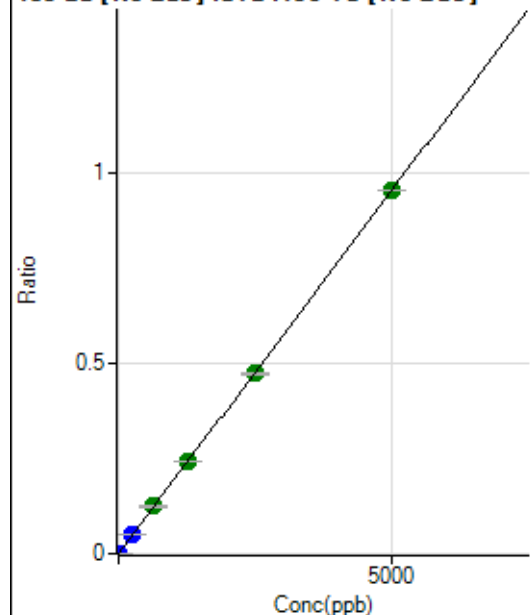
$$DL = 0.006344$$

$$BEC = 0.007174$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	63.89	0.0000	P	16.8
2	☐	10.000	9.605	24900.13	0.0018	P	1.6
3	☐	250.000	256.052	671713.80	0.0488	P	0.4
4	☐	625.000	650.113	1676647.15	0.1240	A	2.9
5	☐	1250.000	1266.483	3216863.16	0.2415	A	0.7
6	☐	2500.000	2486.477	6260844.84	0.4741	A	1.2
7	☐	5000.000	4999.200	12814872.16	0.9533	A	0.1
8	☐			6876.85	0.0005	P	1.0

$$y = 1.9069\text{E-}004 * x + 4.7629\text{E-}006$$

$$R = 1.0000$$

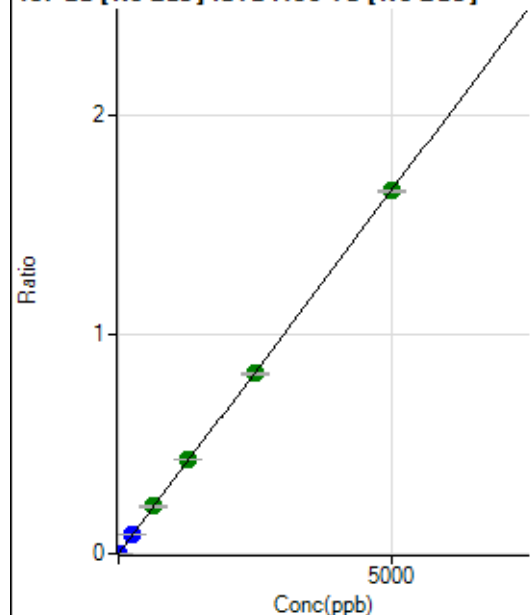
$$DL = 0.01262$$

$$BEC = 0.02498$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	97.22	0.0000	P	23.1
2	☐	10.000	9.648	43375.37	0.0032	P	0.6
3	☐	250.000	252.858	1150778.54	0.0837	P	0.7
4	☐	625.000	650.363	2910077.61	0.2152	A	1.1
5	☐	1250.000	1291.167	5689468.96	0.4271	A	0.8
6	☐	2500.000	2484.961	10854571.60	0.8221	A	1.0
7	☐	5000.000	4993.915	22208564.73	1.6521	A	0.3
8	☐			11796.83	0.0009	P	4.9

$$y = 3.3081\text{E-}004 * x + 7.2516\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.0152$$

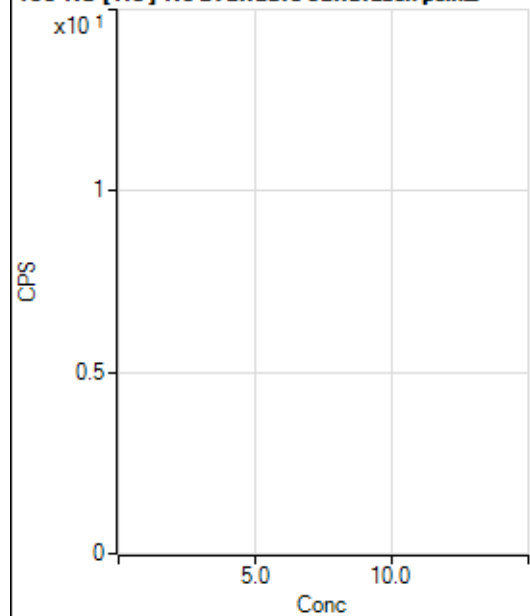
$$BEC = 0.02192$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐			0.00		P	
3	☐			62.22		P	34.4
4	☐			97.78		P	20.8
5	☐			191.12		P	21.0
6	☐			366.68		P	19.0
7	☐			757.82		P	6.2
8	☐			133.34		P	5.0

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			0.00		P	
3	☐			14.44		P	58.1
4	☐			30.00		P	38.5
5	☐			42.22		P	25.4
6	☐			91.11		P	7.6
7	☐			175.56		P	2.2
8	☐			96.67		P	9.1

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			58.33		P	28.6
2	☐			44.45		P	47.2
3	☐			61.11		P	15.7
4	☐			97.23		P	13.1
5	☐			158.34		P	19.0
6	☐			347.24		P	24.5
7	☐			680.59		P	20.9
8	☐			1261.20		P	6.0

156 Dy [He] No available calibration points

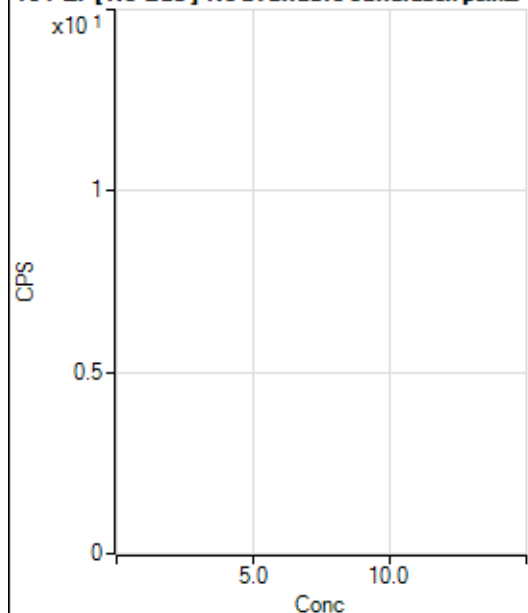
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			14.45		P	48.0
2	☐			8.89		P	78.1
3	☐			42.22		P	16.4
4	☐			80.00		P	18.2
5	☐			135.56		P	19.1
6	☐			278.89		P	5.6
7	☐			534.46		P	4.8
8	☐			745.59		P	6.3

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

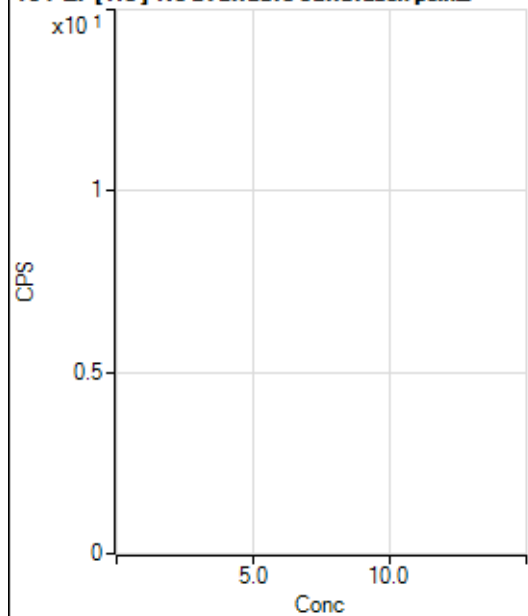
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			63.89		P	19.9
2	☐			108.34		P	61.5
3	☐			144.45		P	13.3
4	☐			127.78		P	21.0
5	☐			186.12		P	30.5
6	☐			291.68		P	9.9
7	☐			675.04		P	9.3
8	☐			941.72		P	4.6

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			216.67		P	5.5
2	☐			208.89		P	11.3
3	☐			193.34		P	3.4
4	☐			218.89		P	14.1
5	☐			241.12		P	20.8
6	☐			356.67		P	9.0
7	☐			498.90		P	11.8
8	☐			815.59		P	5.0

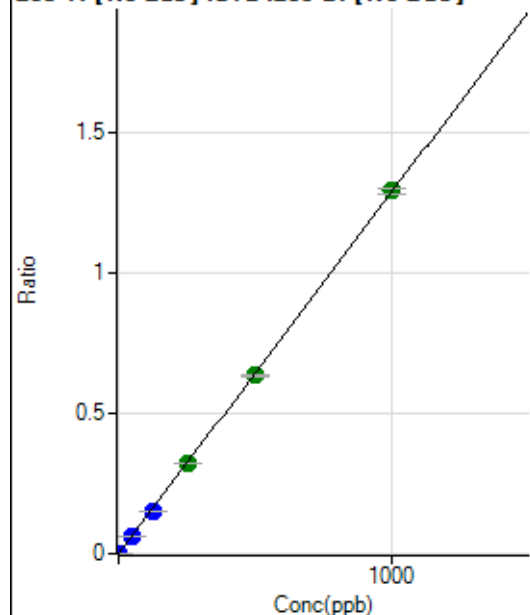
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			72.22		P	43.7
2	☐			77.78		P	32.7
3	☐			105.56		P	46.3
4	☐			138.89		P	36.7
5	☐			127.78		P	24.7
6	☐			169.45		P	15.8
7	☐			272.23		P	28.9
8	☐			219.45		P	14.4

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			45.55		P	29.6
2	☐			56.67		P	21.2
3	☐			56.66		P	27.0
4	☐			84.45		P	12.7
5	☐			67.78		P	15.0
6	☐			81.11		P	30.8
7	☐			172.23		P	11.2
8	☐			128.89		P	17.2

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	819.49	0.0001	P	11.7
2	☐	1.000	0.930	10976.95	0.0013	P	4.4
3	☐	50.000	47.402	524899.23	0.0611	P	1.2
4	☐	125.000	118.865	1299472.52	0.1530	P	0.3
5	☐	250.000	249.967	2708685.37	0.3216	A	1.3
6	☐	500.000	493.573	5279321.04	0.6350	A	1.0
7	☐	1000.000	1004.119	10639400.59	1.2917	A	1.5
8	☐			5509.61	0.0008	P	5.7

$$y = 0.0013 * x + 9.6848E-005$$

$$R = 1.0000$$

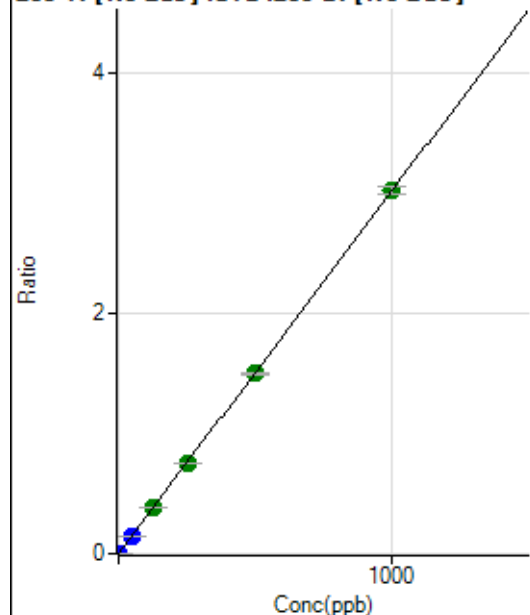
$$DL = 0.02652$$

$$BEC = 0.07529$$

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	1925.18	0.0002	P	8.9
2	☐	1.000	0.899	24962.34	0.0029	P	1.4
3	☐	50.000	47.349	1230040.22	0.1431	P	1.4
4	☐	125.000	124.947	3204474.14	0.3773	A	0.3
5	☐	250.000	250.207	6360794.06	0.7553	A	1.2
6	☐	500.000	497.019	12470993.86	1.5001	A	1.5
7	☐	1000.000	1001.578	24896096.74	3.0228	A	2.0
8	☐			12311.47	0.0017	P	2.9

$$y = 0.0030 * x + 2.2751E-004$$

$$R = 1.0000$$

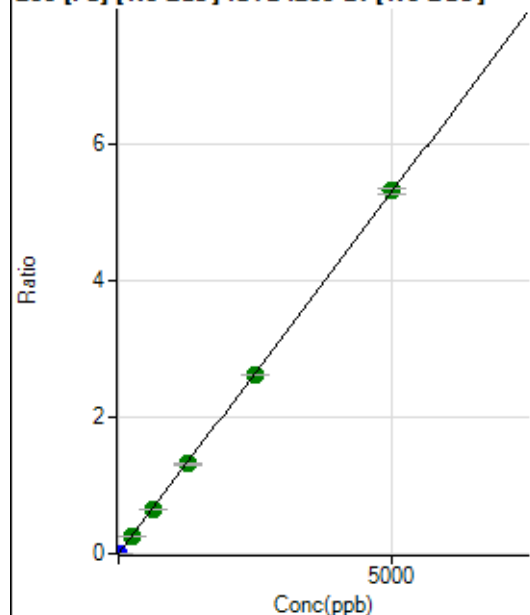
$$DL = 0.02006$$

$$BEC = 0.07539$$

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	594.47	0.0001	P	4.6
2	☐	1.000	0.891	8593.61	0.0010	P	3.7
3	☐	250.000	248.602	2258722.72	0.2628	A	2.2
4	☐	625.000	621.458	5579086.30	0.6569	A	1.0
5	☐	1250.000	1243.731	11069658.23	1.3145	A	1.7
6	☐	2500.000	2466.915	21676810.90	2.6073	A	0.4
7	☐	5000.000	5018.623	43687037.55	5.3041	A	1.7
8	☐			12732.07	0.0018	P	2.8

$$y = 0.0011 * x + 7.0248E-005$$

$$R = 1.0000$$

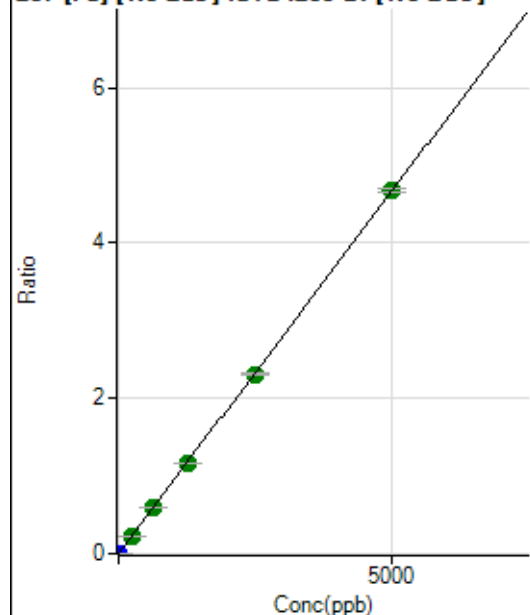
$$DL = 0.009137$$

$$BEC = 0.06647$$

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	488.91	0.0001	P	8.3
2	☐	1.000	0.900	7615.19	0.0009	P	0.5
3	☐	250.000	248.493	1991371.53	0.2317	A	0.3
4	☐	625.000	625.909	4955909.89	0.5835	A	0.1
5	☐	1250.000	1249.656	9810455.78	1.1649	A	1.3
6	☐	2500.000	2480.560	19223171.03	2.3123	A	1.1
7	☐	5000.000	5009.768	38464299.01	4.6699	A	1.1
8	☐			11112.14	0.0015	P	0.7

$$y = 9.3215E-004 * x + 5.7794E-005$$

$$R = 1.0000$$

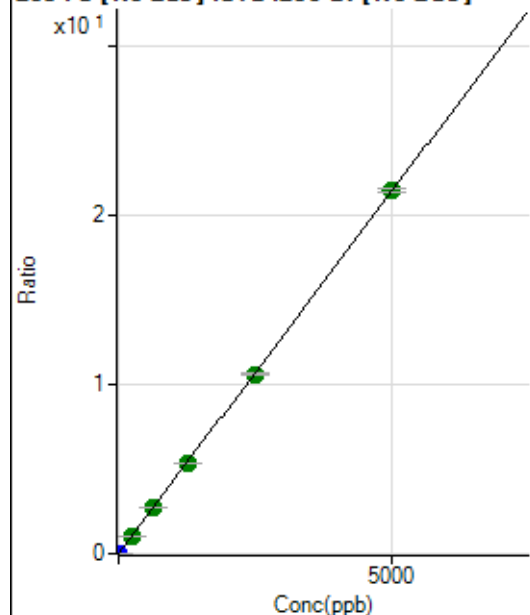
$$DL = 0.01552$$

$$BEC = 0.062$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2307.52	0.0003	P	3.4
2	☐	1.000	0.900	34990.57	0.0041	P	0.9
3	☐	250.000	248.680	9146637.71	1.0642	A	1.2
4	☐	625.000	626.491	22767728.41	2.6806	A	0.1
5	☐	1250.000	1249.095	45008878.67	5.3444	A	1.1
6	☐	2500.000	2481.198	88252863.09	10.6158	A	1.0
7	☐	5000.000	5009.507	176533727.56	21.4328	A	1.0
8	☐			51222.01	0.0071	P	0.7

$$y = 0.0043 * x + 2.7272E-004$$

$$R = 1.0000$$

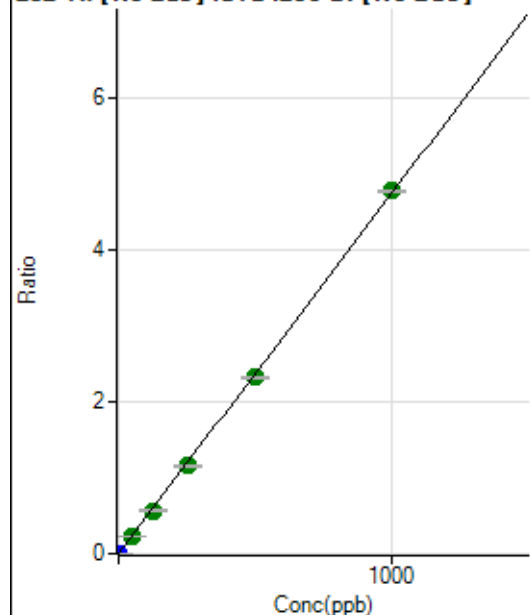
$$DL = 0.006547$$

$$BEC = 0.06374$$

Weight: <None>

Min Conc: 0

232 Th [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	83.34	0.0000	P	20.6
2	☐	1.000	0.818	33027.98	0.0039	P	0.5
3	☐	50.000	47.129	1922552.00	0.2237	A	1.0
4	☐	125.000	119.923	4834088.82	0.5692	A	0.8
5	☐	250.000	243.511	9733669.66	1.1557	A	0.9
6	☐	500.000	489.565	19316225.20	2.3235	A	0.8
7	☐	1000.000	1007.618	39390087.92	4.7821	A	0.6
8	☐			3567.20	0.0005	P	1.6

$$y = 0.0047 * x + 9.8575E-006$$

$$R = 0.9999$$

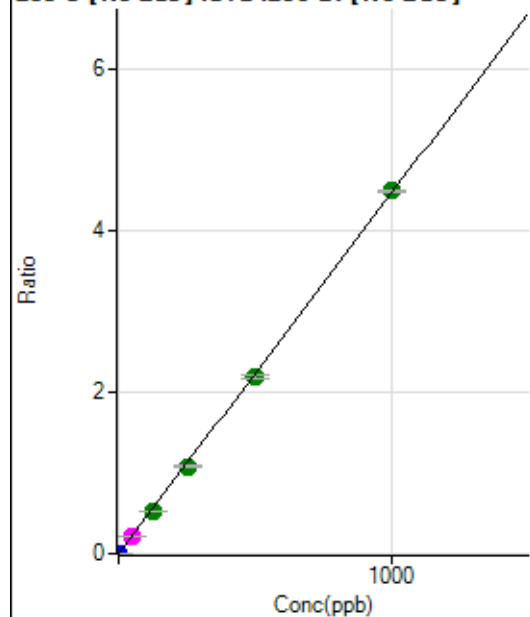
$$DL = 0.001282$$

$$BEC = 0.002077$$

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	88.89	0.0000	P	15.0
2	☐	1.000	0.846	32092.18	0.0038	P	3.6
3	☐	50.000	46.271	1772941.99	0.2063	M	3.5
4	☐	125.000	119.587	4527408.65	0.5331	A	0.3
5	☐	250.000	242.543	9103897.16	1.0811	A	1.8
6	☐	500.000	492.000	18230268.98	2.1930	A	1.7
7	☐	1000.000	1006.727	36960981.73	4.4873	A	0.9
8	☐			4603.70	0.0006	P	5.9

$$y = 0.0045 * x + 1.0513E-005$$

$$R = 0.9999$$

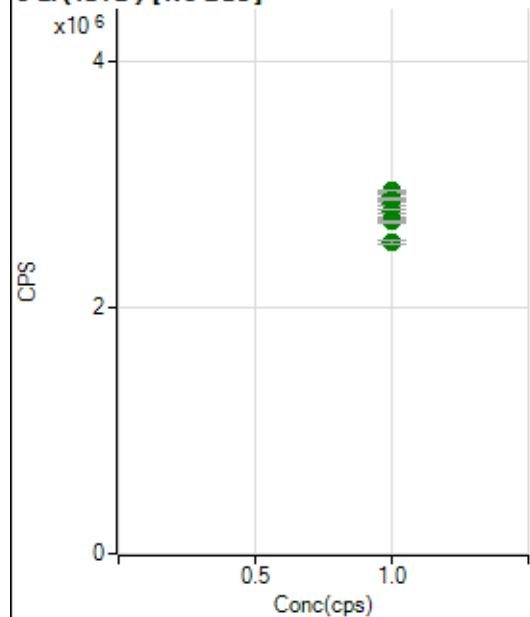
$$DL = 0.001062$$

$$BEC = 0.002359$$

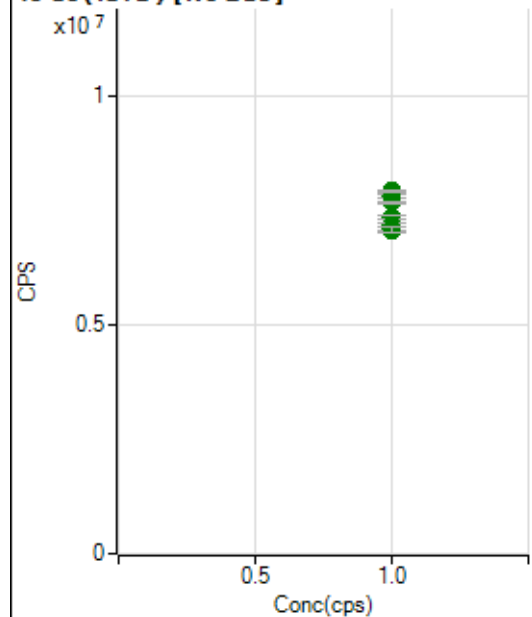
Weight: <None>

Min Conc: 0

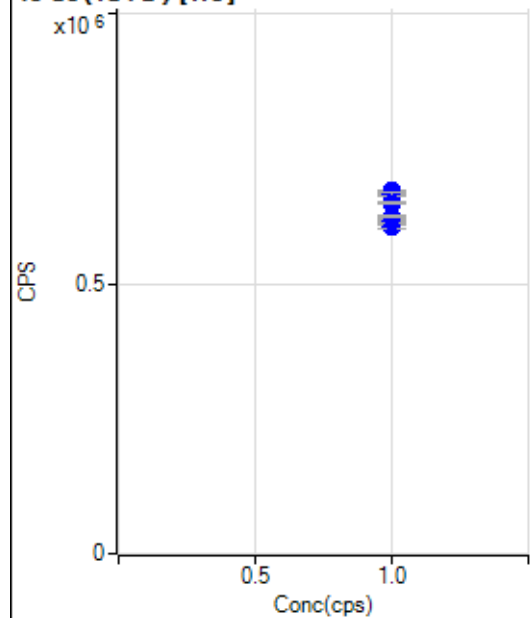
6 Li (ISTD) [No Gas]



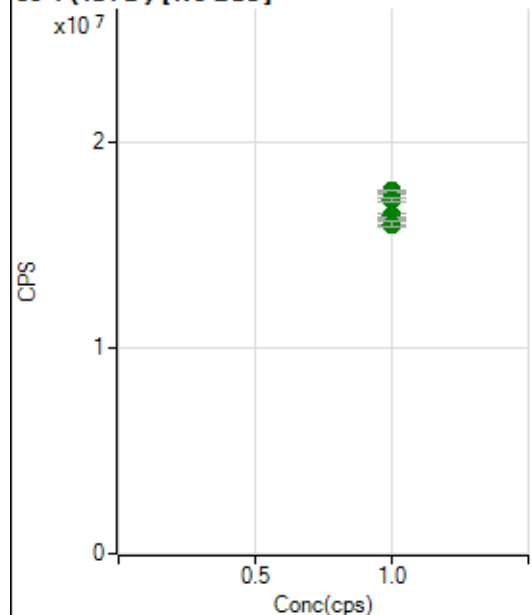
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		2847770.48		A	1.1
2	☐	1.000		2913068.71		A	1.1
3	☐	1.000		2952556.94		A	0.8
4	☐	1.000		2881648.12		A	0.5
5	☐	1.000		2786907.77		A	1.0
6	☐	1.000		2728930.79		A	0.7
7	☐	1.000		2704302.84		A	0.4
8	☐	1.000		2540164.35		A	1.3

45 Sc (ISTD) [No Gas]

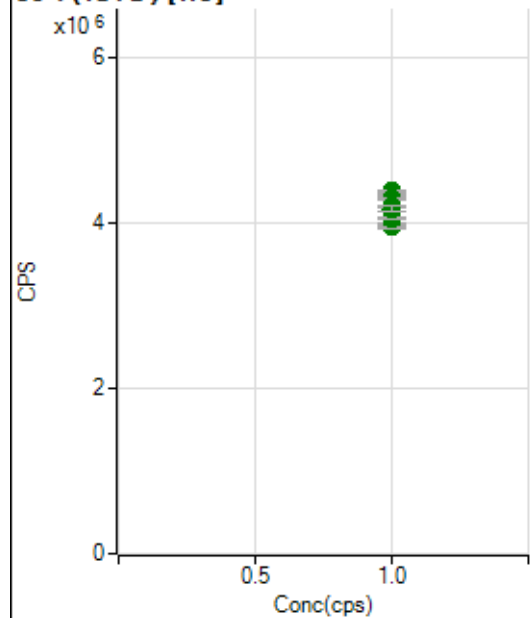
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7816392.38		A	1.0
2	☐	1.000		7889143.84		A	0.8
3	☐	1.000		7916172.17		A	0.6
4	☐	1.000		7659575.85		A	0.8
5	☐	1.000		7338991.70		A	1.0
6	☐	1.000		7053311.56		A	0.4
7	☐	1.000		7173897.32		A	0.8
8	☐	1.000		7079130.03		A	1.8

45 Sc (ISTD) [He]

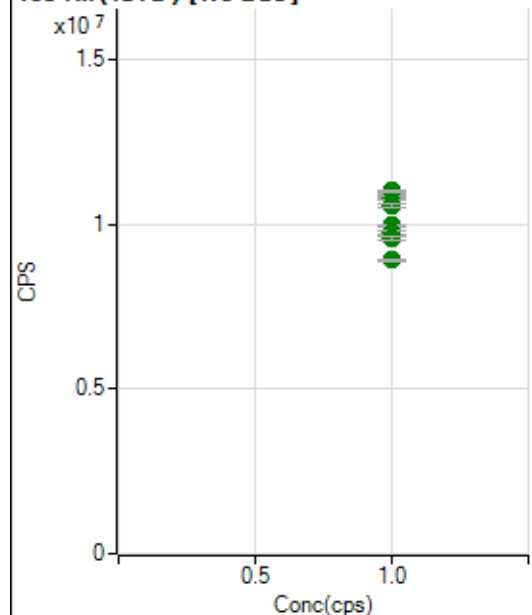
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		665879.63		P	0.4
2	☐	1.000		671926.73		P	0.5
3	☐	1.000		665823.87		P	1.3
4	☐	1.000		649551.13		P	0.8
5	☐	1.000		618040.27		P	0.8
6	☐	1.000		606640.98		P	1.3
7	☐	1.000		615729.45		P	1.1
8	☐	1.000		624165.16		P	0.6

89 Y (ISTD) [No Gas]

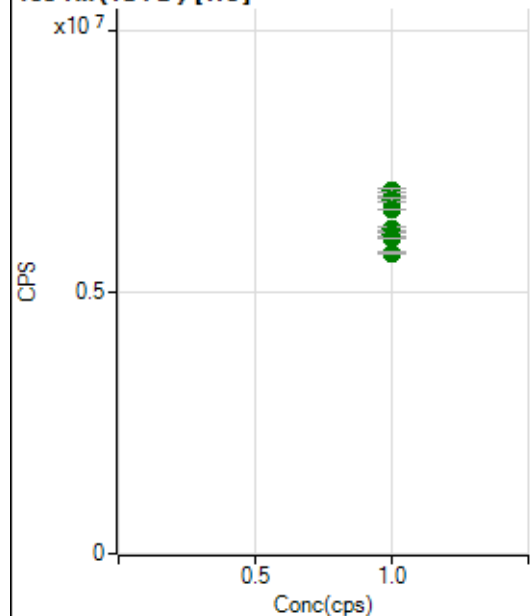
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		17608599.60		A	0.4
2	☐	1.000		17525807.24		A	0.5
3	☐	1.000		17606817.24		A	0.9
4	☐	1.000		17194148.49		A	0.9
5	☐	1.000		16410565.87		A	1.1
6	☐	1.000		15927086.15		A	0.6
7	☐	1.000		16296652.67		A	0.6
8	☐	1.000		15993718.09		A	1.6

89 Y (ISTD) [He]

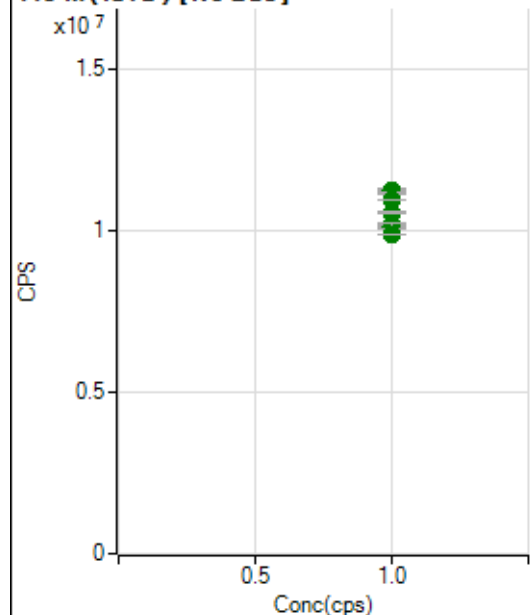
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4335370.15		A	0.8
2	☐	1.000		4380602.71		A	0.8
3	☐	1.000		4287344.41		A	0.7
4	☐	1.000		4198031.22		A	0.8
5	☐	1.000		3984475.04		A	0.9
6	☐	1.000		3937677.37		A	1.1
7	☐	1.000		4049677.61		A	0.9
8	☐	1.000		4157998.93		A	1.7

103 Rh (ISTD) [No Gas]

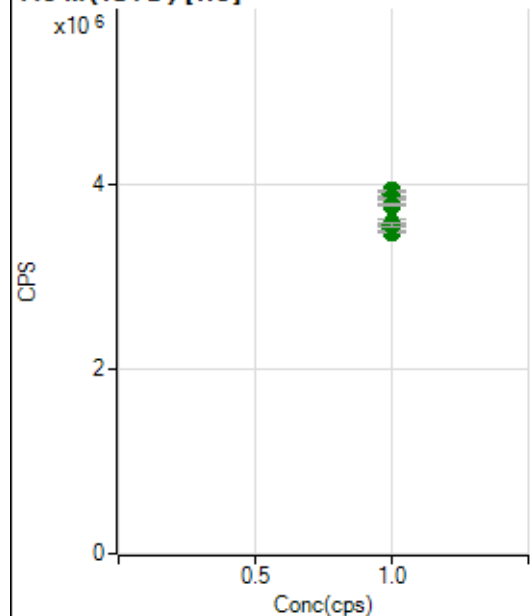
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10854822.41		A	1.0
2	☐	1.000		10803356.92		A	1.4
3	☐	1.000		11013809.07		A	0.8
4	☐	1.000		10558621.93		A	0.9
5	☐	1.000		9963150.20		A	0.8
6	☐	1.000		9744422.70		A	0.7
7	☐	1.000		9575458.47		A	1.2
8	☐	1.000		8908415.22		A	1.0

103 Rh (ISTD) [He]

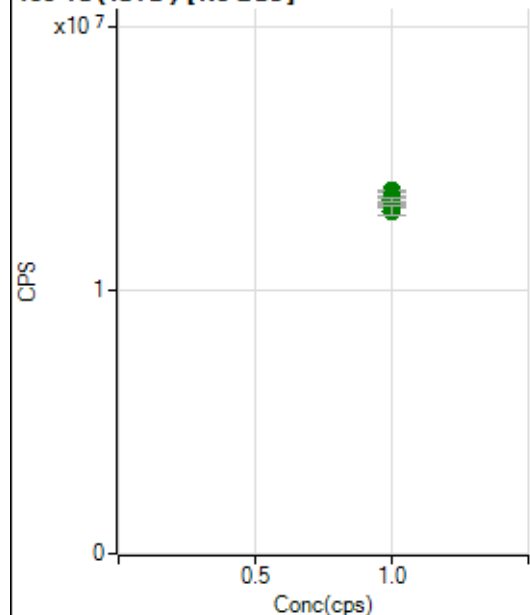
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6821928.65		A	0.3
2	☐	1.000		6925678.02		A	1.2
3	☐	1.000		6762029.97		A	0.8
4	☐	1.000		6560929.28		A	0.2
5	☐	1.000		6210263.17		A	1.2
6	☐	1.000		6106244.77		A	1.1
7	☐	1.000		6020402.90		A	0.3
8	☐	1.000		5739285.26		A	1.1

115 In (ISTD) [No Gas]

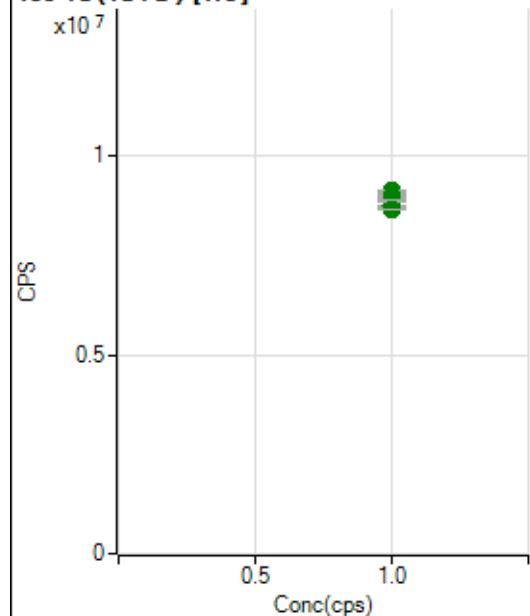
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11148825.88		A	1.1
2	☐	1.000		11213637.12		A	1.3
3	☐	1.000		11154233.54		A	0.8
4	☐	1.000		10927200.62		A	0.1
5	☐	1.000		10529227.52		A	0.5
6	☐	1.000		10136523.10		A	0.8
7	☐	1.000		10116445.15		A	1.8
8	☐	1.000		9872456.10		A	0.1

115 In (ISTD) [He]

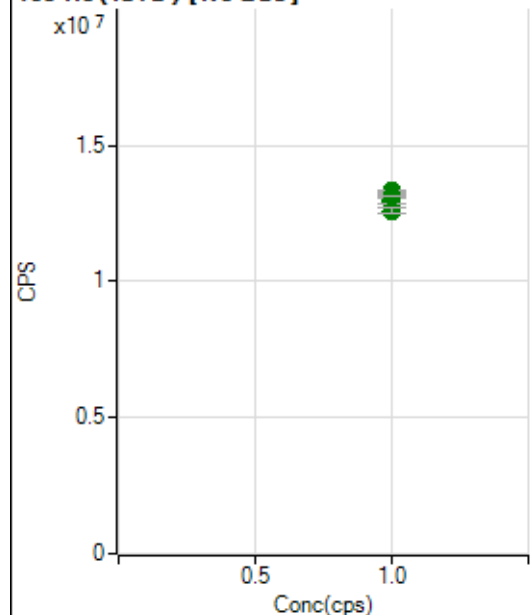
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3895204.37		A	0.9
2	☐	1.000		3923018.17		A	0.6
3	☐	1.000		3841493.01		A	0.5
4	☐	1.000		3771561.71		A	0.6
5	☐	1.000		3584832.49		A	1.4
6	☐	1.000		3505903.61		A	1.3
7	☐	1.000		3475727.75		A	0.6
8	☐	1.000		3554928.73		A	0.9

159 Tb (ISTD) [No Gas]

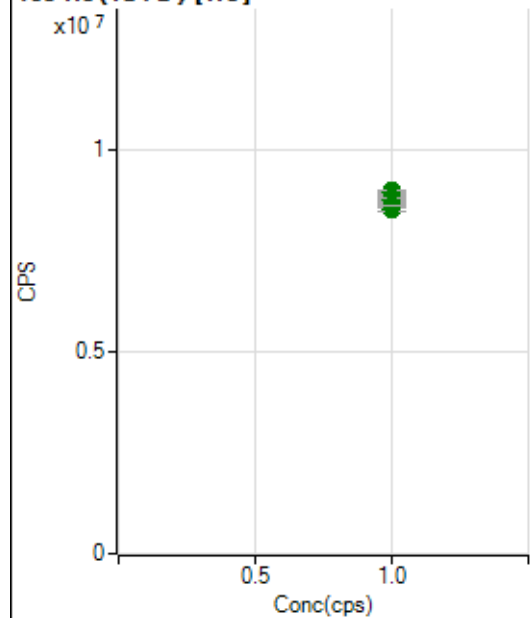
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13439781.47		A	1.7
2	☐	1.000		13559885.49		A	0.0
3	☐	1.000		13755967.43		A	0.4
4	☐	1.000		13526293.27		A	0.8
5	☐	1.000		13319909.11		A	0.4
6	☐	1.000		13205213.00		A	1.2
7	☐	1.000		13442729.52		A	1.1
8	☐	1.000		13011928.69		A	2.7

159 Tb (ISTD) [He]

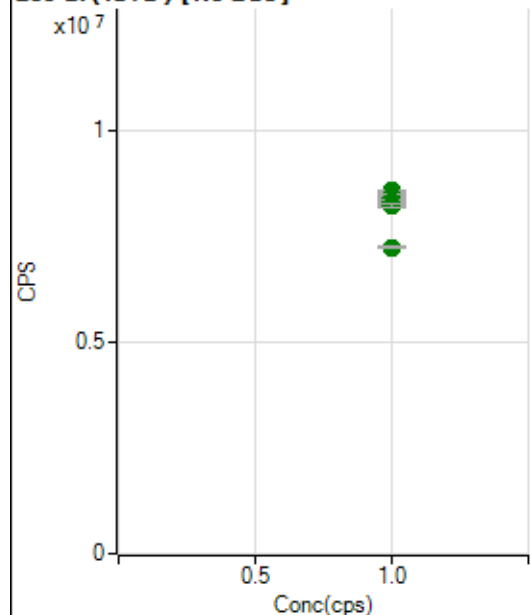
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9037520.21		A	0.5
2	☐	1.000		9114362.02		A	0.9
3	☐	1.000		8965960.98		A	0.5
4	☐	1.000		8901299.31		A	0.4
5	☐	1.000		8820520.56		A	1.7
6	☐	1.000		8753079.94		A	1.5
7	☐	1.000		8868101.53		A	0.8
8	☐	1.000		8632137.23		A	0.1

165 Ho (ISTD) [No Gas]

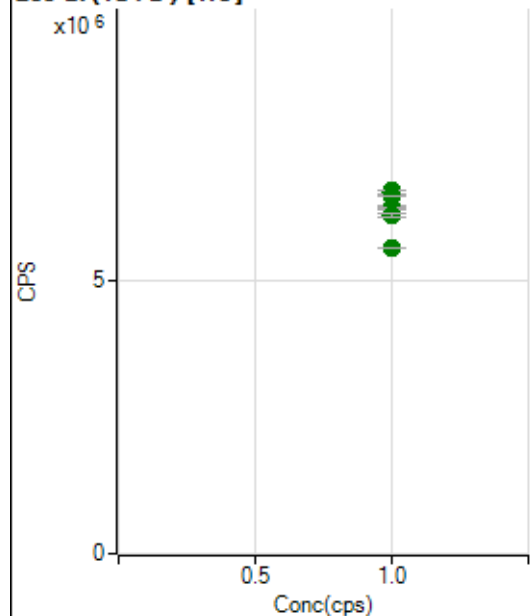
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		12957463.84		A	1.2
2	☐	1.000		13251866.61		A	1.8
3	☐	1.000		13320893.83		A	0.7
4	☐	1.000		13167811.47		A	0.7
5	☐	1.000		12932733.00		A	1.7
6	☐	1.000		12947805.36		A	1.6
7	☐	1.000		13129577.44		A	0.4
8	☐	1.000		12602415.65		A	1.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8790857.85		A	1.2
2	☐	1.000		8981487.71		A	0.3
3	☐	1.000		8961350.84		A	0.9
4	☐	1.000		8819350.70		A	0.4
5	☐	1.000		8530247.58		A	1.2
6	☐	1.000		8679968.48		A	0.3
7	☐	1.000		8745074.87		A	1.1
8	☐	1.000		8615141.47		A	0.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		8461749.73		A	0.8
2	☐	1.000		8489845.99		A	0.9
3	☐	1.000		8594939.73		A	0.4
4	☐	1.000		8493397.86		A	0.0
5	☐	1.000		8422949.25		A	2.0
6	☐	1.000		8314144.04		A	1.4
7	☐	1.000		8237146.68		A	1.0
8	☐	1.000		7263804.20		A	0.1

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		6606235.04		A	0.5
2	☐	1.000		6642933.65		A	1.0
3	☐	1.000		6665084.56		A	0.1
4	☐	1.000		6568905.32		A	0.2
5	☐	1.000		6372155.67		A	0.9
6	☐	1.000		6354049.21		A	0.6
7	☐	1.000		6225889.00		A	1.2
8	☐	1.000		5620835.47		A	0.2

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP7050722 MS.b

Acq. Date-Time 2022-05-07 13:33:21

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		10846	108458.12			0.728	5.000
24		113939	1139392.64			0.704	5.000
25		15467	154669.33			0.944	5.000
26		17610	176104.02			0.889	5.000
59		31420	314198.03			0.903	5.000
113		14731	147314.87			0.694	5.000
115		43085	430849.15			0.950	5.000
206		17696	176961.29			0.804	5.000
207		15156	151558.58			0.966	5.000
208		37137	371371.46			0.542	5.000
220		0	3.50			53.452	

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

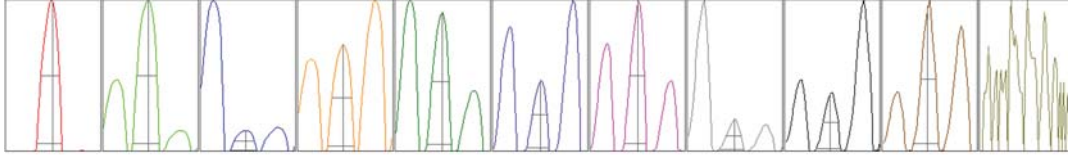
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	10958	10890	10833	10782	10767
24	115040	113779	114421	113013	113443
25	15589	15647	15431	15360	15308
26	17777	17776	17521	17540	17438
59	31694	31602	31527	31285	30991
113	14810	14818	14786	14647	14597
115	42511	42917	43541	43408	43048
206	17719	17854	17806	17529	17573
207	15280	15305	15189	15017	14989
208	37307	37327	37192	36995	36865

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	19586.07	9.00	8.90 - 9.10	
24	190056.11	23.95	23.90 - 24.10	
25	25248.73	24.95	24.90 - 25.10	
26	29212.42	25.95	25.90 - 26.10	
59	61393.80	59.00	58.90 - 59.10	
113	32498.62	113.05	112.90 - 113.10	
115	96243.08	115.05	114.90 - 115.10	
206	39185.90	206.00	205.90 - 206.10	
207	31450.80	206.95	206.90 - 207.10	
208	79336.63	207.95	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.58	0.786	0.900	
24	0.64	0.833	0.900	
25	0.64	0.824	0.900	
26	0.64	0.832	0.900	
59	0.53	0.777	0.900	
113	0.46	0.705	0.900	
115	0.46	0.712	0.900	
206	0.46	0.774	0.900	
207	0.48	0.748	0.900	
208	0.47	0.795	0.900	
220				

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.73 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	7.9 V	Deflect	14.2 V
Extract 2	-120.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-55 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	123	Axis Gain	1.0001	QP Bias	-3.0 V
Mass Offset	125	Axis Offset	-0.01		

Hardware Settings

Torch

Torch H	-0.8 mm	Torch V	0.9 mm
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EM

Discriminator	3.1 mV	Analog HV	2167 V	Pulse HV	1420 V
---------------	--------	-----------	--------	----------	--------

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		10856	108556.23			0.609	
89		55854	558543.54			0.492	
205		59445	594445.29			0.295	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	10783	10784	10911	10908	10892
89	55759	55446	55880	56016	56170
205	59270	59240	59576	59532	59605

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.73 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	8.5 V	Deflect	3.0 V
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US EPA Tune Check Report

Extract 2	-135.0 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	200 V		

QP Parameters

Mass Gain	123	Axis Gain	1.0001	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	-0.01		

Hardware Settings

Torch

Torch H	-0.8 mm	Torch V	0.9 mm
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EM

Discriminator	3.1 mV	Analog HV	2167 V	Pulse HV	1420 V
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LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:10:12	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.06	0.06	-0.12	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.01	-0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	-0.01	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	0.09	-0.08	0.00	0.00	N/A	ppb
Boron	11-1	-0.11	0.05	0.06	0.00	N/A	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.00	-0.01	0.01	0.00	N/A	ppb
Cadmium	106-1	0.01	-1.25	1.24	0.00	N/A	ppb
Cadmium	108-1	0.05	0.02	-0.07	0.00	N/A	ppb
Calcium	43-1	0.05	0.21	-0.26	0.00	N/A	ppb
Calcium	44-1	0.05	0.44	-0.49	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	-0.01	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	0.01	-0.01	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	-0.03	0.01	0.03	0.00	N/A	ppb
Iron	57-2	0.13	-0.44	0.31	0.00	N/A	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:10:12	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.49	-0.06	-0.43	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	0.01	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.01	0.00	-0.01	0.00	N/A	ppb
Manganese	55-2	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	94-1	-0.01	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	0.02	-0.01	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	-0.01	0.00	N/A	ppb
Phosphorus	31-2	-10.68	-13.45	-3.38	-9.17		ppb
Potassium	39-2	-0.57	0.34	0.23	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.80	0.36	0.44	0.00	N/A	ppb
Selenium	77-2	-0.05	0.11	-0.05	0.00	N/A	ppb
Selenium	78-2	0.07	0.19	-0.26	0.00	N/A	ppb
Silicon	28-1	0.07	-0.01	-0.06	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	0.48	-0.30	-0.18	0.00	N/A	ppb
Strontium	86-1	0.04	0.05	-0.09	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	90.08	15.97	-104.36	0.56	17461.25	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	0.01	0.00	0.00	N/A	ppb
Thallium	205-1	0.01	-0.01	0.00	0.00	N/A	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:10:12	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.03	0.00	-0.03	0.00	N/A	ppb
Titanium	47-1	0.01	-0.04	0.03	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	0.00	-0.06	0.06	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	-0.01	0.01	0.00	N/A	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:13:07	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.84	21.50	20.19	21.18	4.13	ppb
Antimony	121-1	1.98	2.03	2.03	2.01	1.39	ppb
Arsenic	75-2	1.13	1.03	1.05	1.07	4.83	ppb
Barium	135-1	9.58	9.46	9.77	9.60	1.63	ppb
Barium	137-1	9.67	9.69	9.58	9.65	0.61	ppb
Beryllium	9-1	0.94	1.07	1.10	1.04	8.09	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	22.58	22.55	22.72	22.62	0.40	ppb
Boron	11-1	23.35	23.43	24.66	23.81	3.09	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.06	1.11	1.13	1.10	3.59	ppb
Cadmium	106-1	1.14	0.31	2.62	1.36	86.37	ppb
Cadmium	108-1	1.32	1.06	1.06	1.14	13.23	ppb
Calcium	43-1	497.38	488.40	508.04	497.94	1.97	ppb
Calcium	44-1	494.40	499.39	500.24	498.01	0.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.98	1.97	2.04	2.00	1.99	ppb
Cobalt	59-2	1.04	1.01	1.03	1.03	1.58	ppb
Copper	63-2	2.11	2.07	2.06	2.08	1.38	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				102		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	50.18	50.41	50.06	50.22	0.35	ppb
Iron	57-2	50.71	50.07	53.81	51.53	3.88	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:13:07	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	51.61	53.01	51.62	52.08	1.55	ppb
Krypton	83-1						cps
Lead	206-1	0.87	0.93	0.87	0.89	3.92	ppb
Lead	207-1	0.90	0.90	0.90	0.90	0.52	ppb
Lead	208-1	0.89	0.91	0.90	0.90	0.92	ppb
Lithium	6-1				102		%
Magnesium	24-2	505.97	496.48	498.03	500.16	1.02	ppb
Manganese	55-2	1.00	1.03	1.01	1.01	1.48	ppb
Molybdenum	94-1	5.75	5.64	5.96	5.78	2.85	ppb
Molybdenum	95-1	4.97	5.12	5.08	5.06	1.51	ppb
Molybdenum	96-1	5.06	5.13	5.19	5.12	1.22	ppb
Molybdenum	97-1	4.85	4.81	4.81	4.83	0.49	ppb
Molybdenum	98-1	5.02	4.82	4.99	4.94	2.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.98	1.06	1.03	1.02	3.54	ppb
Phosphorus	31-2	2.36	7.78	17.38	9.17	82.96	ppb
Potassium	39-2	504.50	498.76	507.79	503.68	0.91	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	5.79	6.01	3.95	5.25	21.56	ppb
Selenium	77-2	4.65	5.54	6.09	5.43	13.40	ppb
Selenium	78-2	6.10	4.16	6.42	5.56	21.95	ppb
Silicon	28-1	1.17	1.14	1.06	1.13	5.18	ppb
Silver	107-1	0.78	0.93	0.99	0.90	11.77	ppb
Silver	109-1	0.77	0.86	1.04	0.89	15.48	ppb
Sodium	23-2	484.58	481.67	484.61	483.62	0.35	ppb
Strontium	86-1	0.97	0.83	0.97	0.93	9.04	ppb
Strontium	88-1	0.96	0.98	0.95	0.96	1.25	ppb
Sulfur	34-1	19.01	-14.73	-5.97	-0.56		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.88	0.95	0.96	0.93	4.75	ppb
Thallium	205-1	0.91	0.88	0.90	0.90	1.56	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:13:07	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.81	0.82	0.82	0.82	0.51	ppb
Tin	118-1	5.00	5.27	5.13	5.13	2.67	ppb
Titanium	47-1	5.05	4.96	4.96	4.99	1.11	ppb
Uranium	238-1	0.85	0.87	0.81	0.85	3.59	ppb
Vanadium	51-2	4.96	4.87	4.85	4.89	1.17	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	1.98	2.15	2.08	2.07	4.08	ppb
Zirconium	90-1	0.96	0.98	0.99	0.98	1.69	ppb
Zirconium	91-1	0.95	0.94	0.96	0.95	0.98	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:15:59	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1016.69	1038.07	1022.43	1025.73	1.08	ppb
Antimony	121-1	51.66	51.26	51.88	51.60	0.60	ppb
Arsenic	75-2	52.99	51.72	54.07	52.93	2.22	ppb
Barium	135-1	255.92	257.26	254.98	256.05	0.45	ppb
Barium	137-1	251.48	252.38	254.71	252.86	0.66	ppb
Beryllium	9-1	51.12	52.45	52.60	52.06	1.56	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	46.07	47.65	49.23	47.65	3.32	ppb
Boron	11-1	47.42	49.73	50.74	49.30	3.46	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	53.56	54.40	54.21	54.06	0.81	ppb
Cadmium	106-1	58.61	56.50	54.61	56.57	3.54	ppb
Cadmium	108-1	55.53	54.29	54.46	54.76	1.23	ppb
Calcium	43-1	5420.69	5427.89	5460.08	5436.22	0.39	ppb
Calcium	44-1	5022.19	5103.76	5118.67	5081.54	1.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	53.03	53.29	52.60	52.97	0.66	ppb
Cobalt	59-2	51.69	53.01	52.66	52.45	1.30	ppb
Copper	63-2	537.51	544.91	530.63	537.68	1.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	2565.18	2637.24	2591.52	2597.98	1.40	ppb
Iron	57-2	2612.26	2658.07	2602.73	2624.35	1.13	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:15:59	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2714.07	2755.70	2757.45	2742.41	0.90	ppb
Krypton	83-1						cps
Lead	206-1	243.08	248.96	253.77	248.60	2.15	ppb
Lead	207-1	247.76	248.90	248.82	248.49	0.26	ppb
Lead	208-1	245.39	249.64	251.01	248.68	1.18	ppb
Lithium	6-1				104		%
Magnesium	24-2	5212.11	5332.44	5263.88	5269.47	1.15	ppb
Manganese	55-2	507.71	514.91	513.37	512.00	0.74	ppb
Molybdenum	94-1	515.69	512.59	504.88	511.05	1.09	ppb
Molybdenum	95-1	515.36	517.80	516.65	516.60	0.24	ppb
Molybdenum	96-1	508.49	511.14	512.57	510.73	0.41	ppb
Molybdenum	97-1	507.91	506.98	513.84	509.58	0.73	ppb
Molybdenum	98-1	511.58	504.14	502.95	506.22	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.90	53.68	53.35	53.31	0.73	ppb
Phosphorus	31-2	1016.12	1075.78	1015.08	1035.66	3.36	ppb
Potassium	39-2	2492.76	2544.38	2475.81	2504.31	1.43	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	53.53	52.66	53.78	53.32	1.11	ppb
Selenium	77-2	57.85	46.42	51.55	51.94	11.02	ppb
Selenium	78-2	52.23	53.22	55.90	53.78	3.53	ppb
Silicon	28-1	51.30	50.24	52.54	51.36	2.24	ppb
Silver	107-1	54.38	54.19	55.39	54.65	1.18	ppb
Silver	109-1	53.15	54.56	54.74	54.15	1.61	ppb
Sodium	23-2	5103.59	5261.80	5071.10	5145.50	1.98	ppb
Strontium	86-1	50.69	50.75	50.79	50.75	0.10	ppb
Strontium	88-1	51.20	51.56	50.92	51.23	0.63	ppb
Sulfur	34-1	1084.95	1004.64	1129.01	1072.87	5.88	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	46.74	47.71	47.76	47.40	1.21	ppb
Thallium	205-1	46.59	47.58	47.88	47.35	1.43	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:15:59	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	46.80	47.67	46.92	47.13	1.00	ppb
Tin	118-1	51.55	52.70	52.21	52.15	1.11	ppb
Titanium	47-1	506.40	511.16	515.37	510.98	0.88	ppb
Uranium	238-1	47.09	47.32	44.40	46.27	3.51	ppb
Vanadium	51-2	51.23	51.98	51.65	51.62	0.73	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	520.34	532.02	529.55	527.30	1.17	ppb
Zirconium	90-1	49.73	50.14	50.60	50.16	0.86	ppb
Zirconium	91-1	50.58	50.88	51.96	51.14	1.41	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:18:46	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2517.43	2515.96	2536.25	2523.21	0.45	ppb
Antimony	121-1	127.03	131.09	129.03	129.05	1.57	ppb
Arsenic	75-2	129.99	128.80	128.46	129.08	0.62	ppb
Barium	135-1	638.16	671.97	640.21	650.11	2.92	ppb
Barium	137-1	646.78	658.88	645.43	650.36	1.14	ppb
Beryllium	9-1	130.39	130.39	129.76	130.18	0.28	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	120.74	123.79	127.13	123.89	2.58	ppb
Boron	11-1	122.21	124.21	128.66	125.03	2.64	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	132.92	134.66	133.25	133.61	0.69	ppb
Cadmium	106-1	133.62	144.08	137.42	138.37	3.82	ppb
Cadmium	108-1	133.52	141.15	136.95	137.21	2.79	ppb
Calcium	43-1	12997.26	13076.75	13183.64	13085.88	0.71	ppb
Calcium	44-1	12240.64	12295.63	12376.00	12304.09	0.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	130.21	128.26	131.20	129.89	1.15	ppb
Cobalt	59-2	128.30	128.14	130.45	128.96	1.00	ppb
Copper	63-2	1317.76	1291.54	1308.55	1305.95	1.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	6302.64	6328.21	6400.23	6343.69	0.80	ppb
Iron	57-2	6452.21	6427.38	6510.96	6463.51	0.66	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:18:46	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	6501.40	6526.69	6708.34	6578.81	1.72	ppb
Krypton	83-1						cps
Lead	206-1	614.87	626.44	623.06	621.46	0.96	ppb
Lead	207-1	626.49	625.70	625.54	625.91	0.08	ppb
Lead	208-1	625.84	627.24	626.40	626.49	0.11	ppb
Lithium	6-1				101		%
Magnesium	24-2	12932.20	13137.10	13215.40	13094.90	1.12	ppb
Manganese	55-2	1253.12	1246.58	1256.47	1252.06	0.40	ppb
Molybdenum	94-1	1262.41	1274.97	1283.97	1273.78	0.85	ppb
Molybdenum	95-1	1247.18	1276.05	1285.87	1269.70	1.58	ppb
Molybdenum	96-1	1245.70	1276.37	1276.89	1266.32	1.41	ppb
Molybdenum	97-1	1262.08	1270.07	1267.79	1266.65	0.32	ppb
Molybdenum	98-1	1232.05	1280.82	1274.56	1262.48	2.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	130.22	130.38	132.45	131.02	0.95	ppb
Phosphorus	31-2	2602.92	2580.45	2687.39	2623.58	2.15	ppb
Potassium	39-2	6247.47	6127.25	6245.88	6206.87	1.11	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	129.64	133.13	133.45	132.07	1.60	ppb
Selenium	77-2	129.22	132.39	129.97	130.53	1.27	ppb
Selenium	78-2	134.69	131.36	130.75	132.26	1.60	ppb
Silicon	28-1	123.26	125.27	126.76	125.10	1.40	ppb
Silver	107-1	134.25	137.48	138.25	136.66	1.55	ppb
Silver	109-1	135.58	136.72	135.88	136.06	0.44	ppb
Sodium	23-2	13136.35	12883.52	12953.12	12991.00	1.01	ppb
Strontium	86-1	124.19	126.53	124.59	125.10	1.00	ppb
Strontium	88-1	127.60	124.61	125.63	125.95	1.21	ppb
Sulfur	34-1	2520.35	2646.43	2726.66	2631.15	3.95	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	118.51	118.87	119.22	118.87	0.30	ppb
Thallium	205-1	124.72	124.68	125.43	124.95	0.34	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:18:46	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	120.74	118.80	120.23	119.92	0.84	ppb
Tin	118-1	128.89	130.54	130.19	129.87	0.67	ppb
Titanium	47-1	1274.86	1276.38	1254.05	1268.43	0.98	ppb
Uranium	238-1	119.91	119.61	119.25	119.59	0.28	ppb
Vanadium	51-2	126.41	128.55	128.73	127.90	1.01	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	1284.75	1283.02	1294.33	1287.37	0.47	ppb
Zirconium	90-1	124.65	124.49	127.84	125.66	1.51	ppb
Zirconium	91-1	125.17	127.04	127.12	126.44	0.87	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:21:31	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5001.49	4968.02	5046.56	5005.35	0.79	ppb
Antimony	121-1	256.21	258.91	257.42	257.51	0.53	ppb
Arsenic	75-2	256.56	254.39	257.75	256.23	0.66	ppb
Barium	135-1	1271.85	1256.23	1271.36	1266.48	0.70	ppb
Barium	137-1	1296.67	1279.70	1297.13	1291.17	0.77	ppb
Beryllium	9-1	259.53	255.90	261.63	259.02	1.12	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	239.94	245.91	252.21	246.02	2.49	ppb
Boron	11-1	245.62	245.80	257.68	249.70	2.77	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	260.74	262.75	262.98	262.16	0.47	ppb
Cadmium	106-1	262.50	258.89	265.39	262.26	1.24	ppb
Cadmium	108-1	265.03	262.38	268.11	265.17	1.08	ppb
Calcium	43-1	26119.70	25922.08	26368.89	26136.89	0.86	ppb
Calcium	44-1	24371.98	24262.85	24567.26	24400.70	0.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	252.84	249.96	251.98	251.59	0.59	ppb
Cobalt	59-2	257.12	258.22	254.11	256.49	0.83	ppb
Copper	63-2	2636.22	2608.53	2588.33	2611.03	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				94		%
Indium	115-2				92		%
Iron	56-2	12773.40	12650.17	12677.53	12700.37	0.51	ppb
Iron	57-2	12774.06	12551.29	12781.97	12702.44	1.03	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:21:31	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	13144.08	12916.60	12958.53	13006.40	0.93	ppb
Krypton	83-1						cps
Lead	206-1	1241.51	1266.27	1223.41	1243.73	1.73	ppb
Lead	207-1	1247.96	1266.30	1234.71	1249.66	1.27	ppb
Lead	208-1	1248.91	1262.47	1235.91	1249.09	1.06	ppb
Lithium	6-1				98		%
Magnesium	24-2	25883.35	26341.68	25946.22	26057.08	0.95	ppb
Manganese	55-2	2530.22	2485.04	2473.81	2496.36	1.20	ppb
Molybdenum	94-1	2525.57	2555.83	2548.14	2543.18	0.62	ppb
Molybdenum	95-1	2549.64	2548.80	2578.77	2559.07	0.67	ppb
Molybdenum	96-1	2535.82	2546.62	2558.67	2547.04	0.45	ppb
Molybdenum	97-1	2489.54	2520.42	2553.48	2521.14	1.27	ppb
Molybdenum	98-1	2483.99	2524.69	2552.73	2520.47	1.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	256.52	256.71	256.23	256.49	0.09	ppb
Phosphorus	31-2	5044.44	5118.52	5025.04	5062.67	0.97	ppb
Potassium	39-2	12112.99	12211.70	12144.25	12156.31	0.41	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	257.34	266.56	265.26	263.05	1.90	ppb
Selenium	77-2	257.13	254.07	263.37	258.19	1.84	ppb
Selenium	78-2	258.67	259.07	258.72	258.82	0.09	ppb
Silicon	28-1	242.93	241.62	246.80	243.78	1.10	ppb
Silver	107-1	266.56	267.25	267.53	267.11	0.19	ppb
Silver	109-1	266.36	266.32	270.87	267.85	0.98	ppb
Sodium	23-2	25447.28	25630.71	25620.65	25566.22	0.40	ppb
Strontium	86-1	249.76	249.83	257.01	252.20	1.65	ppb
Strontium	88-1	255.53	251.67	256.16	254.45	0.96	ppb
Sulfur	34-1	5144.34	4979.02	5054.86	5059.41	1.64	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	250.31	253.08	246.52	249.97	1.32	ppb
Thallium	205-1	250.51	253.15	246.96	250.21	1.24	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:21:31	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	245.15	244.25	241.13	243.51	0.87	ppb
Tin	118-1	258.94	261.04	259.30	259.76	0.43	ppb
Titanium	47-1	2507.58	2502.25	2487.83	2499.22	0.41	ppb
Uranium	238-1	242.20	246.99	238.44	242.54	1.77	ppb
Vanadium	51-2	252.24	252.68	252.31	252.41	0.09	ppb
Yttrium	89-1				93		%
Yttrium	89-2				92		%
Zinc	66-2	2624.52	2648.72	2597.71	2623.65	0.97	ppb
Zirconium	90-1	252.54	253.68	254.32	253.51	0.36	ppb
Zirconium	91-1	250.53	257.13	254.52	254.06	1.31	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:24:18	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10118.66	9946.62	9891.77	9985.68	1.19	ppb
Antimony	121-1	491.40	508.19	497.57	499.05	1.70	ppb
Arsenic	75-2	501.15	497.64	508.14	502.31	1.06	ppb
Barium	135-1	2463.54	2519.14	2476.75	2486.48	1.17	ppb
Barium	137-1	2484.49	2511.09	2459.31	2484.96	1.04	ppb
Beryllium	9-1	499.99	499.80	501.49	500.43	0.19	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Boron	10-1	465.99	483.17	477.13	475.43	1.83	ppb
Boron	11-1	461.17	474.51	489.55	475.08	2.99	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	500.34	508.24	497.34	501.97	1.12	ppb
Cadmium	106-1	501.53	521.11	509.87	510.84	1.92	ppb
Cadmium	108-1	501.38	515.03	507.31	507.91	1.35	ppb
Calcium	43-1	48421.90	47802.80	49438.83	48554.51	1.70	ppb
Calcium	44-1	48103.24	47994.90	48208.61	48102.25	0.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	503.76	495.76	506.93	502.15	1.15	ppb
Cobalt	59-2	508.88	495.17	498.45	500.83	1.43	ppb
Copper	63-2	5038.91	4993.33	5012.95	5015.06	0.46	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				100		%
Holmium	165-2				99		%
Indium	115-1				91		%
Indium	115-2				90		%
Iron	56-2	25106.56	24761.21	24873.08	24913.62	0.71	ppb
Iron	57-2	25130.40	24680.35	24548.66	24786.47	1.23	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:24:18	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	25870.60	25164.82	25567.82	25534.42	1.39	ppb
Krypton	83-1						cps
Lead	206-1	2458.07	2478.45	2464.22	2466.91	0.42	ppb
Lead	207-1	2497.82	2495.21	2448.66	2480.56	1.12	ppb
Lead	208-1	2485.81	2502.54	2455.24	2481.20	0.97	ppb
Lithium	6-1				96		%
Magnesium	24-2	52056.94	50912.77	51017.32	51329.01	1.23	ppb
Manganese	55-2	4951.39	4839.07	4989.72	4926.73	1.59	ppb
Molybdenum	94-1	5020.97	5002.47	5030.43	5017.96	0.28	ppb
Molybdenum	95-1	5066.75	5070.70	5074.63	5070.69	0.08	ppb
Molybdenum	96-1	5034.32	5033.31	5080.15	5049.26	0.53	ppb
Molybdenum	97-1	5006.94	4965.63	5042.88	5005.15	0.77	ppb
Molybdenum	98-1	5040.78	4995.08	5026.12	5020.66	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	488.13	484.43	492.82	488.46	0.86	ppb
Phosphorus	31-2	10038.61	9815.74	10115.96	9990.10	1.56	ppb
Potassium	39-2	24149.76	23683.27	23931.64	23921.56	0.98	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				90		%
Scandium	45-2				91		%
Selenium	82-1	508.88	510.96	507.43	509.09	0.35	ppb
Selenium	77-2	516.01	508.18	492.98	505.72	2.32	ppb
Selenium	78-2	504.90	509.08	516.50	510.16	1.15	ppb
Silicon	28-1	474.40	472.71	479.57	475.56	0.75	ppb
Silver	107-1	506.47	524.93	508.86	513.42	1.96	ppb
Silver	109-1	509.49	512.88	500.63	507.67	1.25	ppb
Sodium	23-2	51941.26	50150.98	50105.00	50732.41	2.06	ppb
Strontium	86-1	508.71	492.51	502.40	501.21	1.63	ppb
Strontium	88-1	502.36	501.04	497.18	500.19	0.54	ppb
Sulfur	34-1	9747.83	9715.21	9616.19	9693.07	0.71	ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	488.38	498.12	494.22	493.57	0.99	ppb
Thallium	205-1	491.28	505.63	494.15	497.02	1.53	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:24:18	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	491.74	491.86	485.09	489.56	0.79	ppb
Tin	118-1	499.77	511.02	506.55	505.78	1.12	ppb
Titanium	47-1	4973.77	5061.77	4948.75	4994.77	1.19	ppb
Uranium	238-1	489.68	501.18	485.15	492.00	1.68	ppb
Vanadium	51-2	504.77	490.62	498.01	497.80	1.42	ppb
Yttrium	89-1				90		%
Yttrium	89-2				91		%
Zinc	66-2	5040.86	4977.59	5009.85	5009.43	0.63	ppb
Zirconium	90-1	496.44	499.61	504.33	500.13	0.79	ppb
Zirconium	91-1	496.07	502.68	502.66	500.47	0.76	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:27:03	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20065.89	19809.09	19314.58	19729.85	1.94	ppb
Antimony	121-1	993.98	1002.83	997.22	998.01	0.45	ppb
Arsenic	75-2	996.33	997.71	995.85	996.63	0.10	ppb
Barium	135-1	4994.25	4997.89	5005.46	4999.20	0.11	ppb
Barium	137-1	4977.16	5007.95	4996.63	4993.92	0.31	ppb
Beryllium	9-1	989.12	991.50	1009.73	996.78	1.13	ppb
Bismuth	209-1				97		%
Bismuth	209-2				94		%
Boron	10-1	981.89	1014.10	1044.79	1013.60	3.10	ppb
Boron	11-1	984.29	1005.19	1048.31	1012.60	3.22	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	985.42	996.99	1001.68	994.70	0.84	ppb
Cadmium	106-1	988.88	983.17	996.50	989.52	0.68	ppb
Cadmium	108-1	991.06	982.47	997.93	990.49	0.78	ppb
Calcium	43-1	95872.90	98045.42	97080.68	96999.66	1.12	ppb
Calcium	44-1	96083.68	96006.69	97392.61	96494.33	0.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	998.01	997.59	997.70	997.77	0.02	ppb
Cobalt	59-2	1002.37	1001.19	988.47	997.34	0.77	ppb
Copper	63-2	10043.47	10006.69	9817.34	9955.83	1.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				91		%
Indium	115-2				89		%
Iron	56-2	50087.54	50845.20	49697.67	50210.13	1.16	ppb
Iron	57-2	49768.81	49690.14	49282.27	49580.41	0.53	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:27:03	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	51163.47	51281.50	51402.67	51282.55	0.23	ppb
Krypton	83-1						cps
Lead	206-1	4966.18	4971.87	5117.82	5018.62	1.71	ppb
Lead	207-1	4991.77	4964.35	5073.18	5009.77	1.13	ppb
Lead	208-1	5011.74	4959.92	5056.86	5009.51	0.97	ppb
Lithium	6-1				95		%
Magnesium	24-2	102092.13	101771.79	100124.94	101329.62	1.04	ppb
Manganese	55-2	10045.87	10034.99	10029.20	10036.69	0.08	ppb
Molybdenum	94-1	9891.59	10023.43	10015.08	9976.70	0.74	ppb
Molybdenum	95-1	9798.78	9991.80	10049.20	9946.59	1.32	ppb
Molybdenum	96-1	9822.37	10019.89	10040.85	9961.03	1.21	ppb
Molybdenum	97-1	9856.11	10106.77	10005.85	9989.58	1.26	ppb
Molybdenum	98-1	9841.29	10168.85	9937.90	9982.68	1.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1023.99	993.47	992.23	1003.23	1.79	ppb
Phosphorus	31-2	19975.77	20207.89	19732.49	19972.05	1.19	ppb
Potassium	39-2	48826.17	49190.89	47860.53	48625.86	1.41	ppb
Rhodium	103-1				88		%
Rhodium	103-2				88		%
Scandium	45-1				92		%
Scandium	45-2				92		%
Selenium	82-1	976.60	1004.61	992.20	991.14	1.42	ppb
Selenium	77-2	988.04	998.62	996.25	994.30	0.56	ppb
Selenium	78-2	996.25	991.43	987.16	991.62	0.46	ppb
Silicon	28-1	1007.83	1017.08	1016.44	1013.78	0.51	ppb
Silver	107-1	984.47	974.64	1002.86	987.32	1.45	ppb
Silver	109-1	975.73	994.48	1000.13	990.11	1.29	ppb
Sodium	23-2	100700.91	99726.25	99071.12	99832.76	0.82	ppb
Strontium	86-1	981.82	1009.42	1005.15	998.80	1.49	ppb
Strontium	88-1	983.95	1004.88	1007.00	998.61	1.28	ppb
Sulfur	34-1	19997.83	19972.70	20385.19	20118.57	1.15	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	994.76	995.74	1021.85	1004.12	1.53	ppb
Thallium	205-1	994.96	986.06	1023.71	1001.58	1.96	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:27:03	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	1002.58	1006.03	1014.24	1007.62	0.59	ppb
Tin	118-1	985.32	1001.42	995.12	993.95	0.82	ppb
Titanium	47-1	9881.97	10040.54	10077.36	9999.96	1.04	ppb
Uranium	238-1	1002.36	1001.12	1016.70	1006.73	0.86	ppb
Vanadium	51-2	1000.25	1002.08	997.84	1000.05	0.21	ppb
Yttrium	89-1				93		%
Yttrium	89-2				93		%
Zinc	66-2	10119.22	10004.36	9751.42	9958.33	1.89	ppb
Zirconium	90-1	993.12	1005.68	998.11	998.97	0.63	ppb
Zirconium	91-1	985.36	1005.15	1005.02	998.51	1.14	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:29:51	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99676.54	99912.00	100574.52	100054.36	0.47	ppb
Antimony	121-1	0.74	0.72	0.74	0.73	1.52	ppb
Arsenic	75-2	0.44	0.43	0.49	0.45	7.19	ppb
Barium	135-1	2.77	2.75	2.72	2.75	0.98	ppb
Barium	137-1	2.85	2.73	2.58	2.72	4.93	ppb
Beryllium	9-1	0.20	0.18	0.19	0.19	5.59	ppb
Bismuth	209-1				86		%
Bismuth	209-2				85		%
Boron	10-1	26.83	24.11	21.02	23.99	12.12	ppb
Boron	11-1	27.87	24.21	22.38	24.82	11.25	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.30	0.36	0.31	0.32	9.65	ppb
Cadmium	106-1	-0.20	-0.69	-0.92	-0.60		ppb
Cadmium	108-1	0.48	0.59	0.43	0.50	16.39	ppb
Calcium	43-1	498620.81	508063.16	495322.32	500668.76	1.32	ppb
Calcium	44-1	496778.77	510854.54	495141.56	500924.96	1.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.36	9.35	9.20	9.30	0.93	ppb
Cobalt	59-2	2.87	2.90	2.93	2.90	1.09	ppb
Copper	63-2	3.99	4.12	4.02	4.04	1.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				98		%
Indium	115-1				89		%
Indium	115-2				91		%
Iron	56-2	248775.15	250652.77	250431.89	249953.27	0.41	ppb
Iron	57-2	248582.29	251304.96	250378.45	250088.57	0.55	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:29:51	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	247881.02	251544.33	249536.90	249654.08	0.73	ppb
Krypton	83-1						cps
Lead	206-1	1.63	1.60	1.54	1.59	2.96	ppb
Lead	207-1	1.58	1.59	1.57	1.58	0.73	ppb
Lead	208-1	1.60	1.58	1.58	1.58	0.73	ppb
Lithium	6-1				89		%
Magnesium	24-2	497251.18	500305.93	501035.16	499530.75	0.40	ppb
Manganese	55-2	7.23	7.40	7.33	7.32	1.16	ppb
Molybdenum	94-1	3.84	3.61	3.54	3.66	4.28	ppb
Molybdenum	95-1	3.51	3.30	3.07	3.29	6.73	ppb
Molybdenum	96-1	4.45	4.30	4.25	4.33	2.38	ppb
Molybdenum	97-1	3.27	3.14	3.07	3.16	3.27	ppb
Molybdenum	98-1	3.17	3.10	3.13	3.13	1.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.79	9.10	9.02	8.97	1.77	ppb
Phosphorus	31-2	6.27	3.54	3.19	4.33	38.84	ppb
Potassium	39-2	246584.38	253198.63	251419.64	250400.88	1.37	ppb
Rhodium	103-1				82		%
Rhodium	103-2				84		%
Scandium	45-1				91		%
Scandium	45-2				94		%
Selenium	82-1	1.64	1.51	-0.36	0.93	120.91	ppb
Selenium	77-2	-0.05	0.61	0.63	0.40	98.58	ppb
Selenium	78-2	0.63	1.27	1.06	0.99	32.97	ppb
Silicon	28-1	5.94	6.41	5.86	6.07	4.87	ppb
Silver	107-1	0.43	0.44	0.42	0.43	2.35	ppb
Silver	109-1	0.45	0.39	0.42	0.42	6.23	ppb
Sodium	23-2	496641.51	499149.51	503963.53	499918.18	0.74	ppb
Strontium	86-1	6.71	7.27	6.91	6.96	4.04	ppb
Strontium	88-1	6.98	7.06	6.92	6.99	1.02	ppb
Sulfur	34-1	-872.11	-841.24	-913.24	-875.53		ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	0.55	0.51	0.49	0.51	6.58	ppb
Thallium	205-1	0.50	0.47	0.48	0.49	3.34	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:29:51	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.10	0.10	0.10	0.10	1.58	ppb
Tin	118-1	3.29	3.36	3.26	3.30	1.63	ppb
Titanium	47-1	1.81	1.81	1.88	1.83	2.14	ppb
Uranium	238-1	0.14	0.15	0.13	0.14	5.95	ppb
Vanadium	51-2	0.26	0.23	0.25	0.25	5.17	ppb
Yttrium	89-1				91		%
Yttrium	89-2				96		%
Zinc	66-2	28.72	29.61	29.27	29.20	1.54	ppb
Zirconium	90-1	0.50	0.49	0.47	0.49	3.24	ppb
Zirconium	91-1	0.52	0.44	0.49	0.48	9.24	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	ICV19	Instrumnet Name :	P7
Client Sample ID :	ICV19	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:50:55	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	547.86	535.49	532.66	538.67	1.50	ppb
Antimony	121-1	197.03	198.54	197.79	197.78	0.38	ppb
Arsenic	75-2	200.34	200.67	201.06	200.69	0.18	ppb
Barium	135-1	96.69	96.87	96.75	96.77	0.10	ppb
Barium	137-1	96.94	97.95	97.15	97.35	0.55	ppb
Beryllium	9-1	98.76	95.77	98.15	97.56	1.62	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	460.68	458.87	476.25	465.27	2.05	ppb
Boron	11-1	463.23	455.09	477.76	465.36	2.47	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	102.28	103.33	103.51	103.04	0.65	ppb
Cadmium	106-1	173.17	171.76	169.96	171.63	0.94	ppb
Cadmium	108-1	167.64	166.96	166.49	167.03	0.35	ppb
Calcium	43-1	2278.58	2246.82	2281.85	2269.08	0.85	ppb
Calcium	44-1	2018.69	2052.17	2044.08	2038.31	0.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	102.15	100.38	98.33	100.29	1.90	ppb
Cobalt	59-2	101.80	101.45	100.43	101.23	0.70	ppb
Copper	63-2	98.86	97.32	98.00	98.06	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	1979.49	1949.67	1930.81	1953.32	1.26	ppb
Iron	57-2	1999.07	1964.11	1954.14	1972.44	1.20	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	ICV19	Instrumnet Name :	P7
Client Sample ID :	ICV19	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:50:55	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2120.25	2078.22	2062.21	2086.90	1.44	ppb
Krypton	83-1						cps
Lead	206-1	205.62	198.11	200.58	201.44	1.90	ppb
Lead	207-1	179.68	177.57	178.94	178.73	0.60	ppb
Lead	208-1	195.66	192.74	194.66	194.36	0.77	ppb
Lithium	6-1				100		%
Magnesium	24-2	1148.30	1121.57	1138.27	1136.05	1.19	ppb
Manganese	55-2	97.94	97.30	97.39	97.54	0.36	ppb
Molybdenum	94-1	5075.18	5106.10	5106.67	5095.98	0.35	ppb
Molybdenum	95-1	5107.38	5111.40	5144.27	5121.02	0.40	ppb
Molybdenum	96-1	5073.74	5083.23	5082.88	5079.95	0.11	ppb
Molybdenum	97-1	5062.01	5067.63	5049.48	5059.71	0.18	ppb
Molybdenum	98-1	5100.78	5041.24	5095.15	5079.06	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	108.74	107.92	107.21	107.96	0.71	ppb
Phosphorus	31-2	-7.54	-13.05	-0.84	-7.14		ppb
Potassium	39-2	1854.69	1828.00	1826.21	1836.30	0.87	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	202.17	201.42	206.94	203.51	1.47	ppb
Selenium	77-2	207.92	201.08	206.81	205.27	1.79	ppb
Selenium	78-2	204.60	203.79	204.00	204.13	0.20	ppb
Silicon	28-1	68.23	69.18	68.53	68.65	0.71	ppb
Silver	107-1	50.08	50.14	50.20	50.14	0.12	ppb
Silver	109-1	48.24	49.43	49.64	49.10	1.54	ppb
Sodium	23-2	1976.07	1970.38	1949.55	1965.33	0.71	ppb
Strontium	86-1	532.94	519.04	529.76	527.25	1.38	ppb
Strontium	88-1	523.10	516.65	526.58	522.11	0.97	ppb
Sulfur	34-1	-828.51	-943.85	-938.98	-903.78		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	205.73	196.38	197.78	199.97	2.52	ppb
Thallium	205-1	204.65	196.68	201.27	200.87	1.99	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	ICV19	Instrumnet Name :	P7
Client Sample ID :	ICV19	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:50:55	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	13.16	ppb
Tin	118-1	528.89	537.12	534.21	533.40	0.78	ppb
Titanium	47-1	4866.61	4885.62	4841.36	4864.53	0.46	ppb
Uranium	238-1	484.67	476.43	480.21	480.44	0.86	ppb
Vanadium	51-2	96.23	96.71	95.31	96.08	0.74	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	204.23	203.45	201.77	203.15	0.62	ppb
Zirconium	90-1	497.33	507.26	506.93	503.84	1.12	ppb
Zirconium	91-1	507.13	516.19	510.36	511.23	0.90	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:01:55	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.23	19.96	19.43	19.54	1.95	ppb
Antimony	121-1	2.04	2.04	1.99	2.02	1.34	ppb
Arsenic	75-2	1.11	1.03	1.09	1.08	4.15	ppb
Barium	135-1	9.83	9.68	9.95	9.82	1.42	ppb
Barium	137-1	9.68	9.70	9.56	9.65	0.79	ppb
Beryllium	9-1	1.06	1.10	1.07	1.08	1.76	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	22.31	24.32	25.93	24.19	7.49	ppb
Boron	11-1	23.69	24.91	25.56	24.72	3.83	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.05	1.05	1.02	1.04	1.37	ppb
Cadmium	106-1	-3.50	-4.05	-3.72	-3.76		ppb
Cadmium	108-1	0.96	1.32	0.80	1.02	26.18	ppb
Calcium	43-1	497.91	492.36	492.72	494.33	0.63	ppb
Calcium	44-1	482.30	484.66	501.08	489.35	2.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.97	1.98	1.98	1.97	0.41	ppb
Cobalt	59-2	1.01	0.99	0.99	0.99	1.25	ppb
Copper	63-2	2.14	2.08	2.06	2.09	2.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	50.02	50.29	49.72	50.01	0.57	ppb
Iron	57-2	50.42	51.36	47.75	49.85	3.76	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:01:55	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	52.43	55.62	51.54	53.20	4.04	ppb
Krypton	83-1						cps
Lead	206-1	0.89	0.92	0.89	0.90	2.33	ppb
Lead	207-1	0.94	0.94	0.89	0.92	3.20	ppb
Lead	208-1	0.92	0.94	0.90	0.92	2.06	ppb
Lithium	6-1				101		%
Magnesium	24-2	501.34	501.98	500.94	501.42	0.11	ppb
Manganese	55-2	1.04	0.93	1.09	1.02	7.66	ppb
Molybdenum	94-1	6.00	5.80	6.03	5.94	2.08	ppb
Molybdenum	95-1	4.96	5.07	5.05	5.03	1.20	ppb
Molybdenum	96-1	4.98	5.17	5.06	5.07	1.86	ppb
Molybdenum	97-1	4.98	4.84	5.00	4.94	1.73	ppb
Molybdenum	98-1	4.91	4.93	4.91	4.92	0.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	1.11	1.07	1.06	5.91	ppb
Phosphorus	31-2	5.15	15.79	2.61	7.85	89.10	ppb
Potassium	39-2	507.33	511.86	492.82	504.00	1.97	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	3.76	6.25	5.92	5.31	25.44	ppb
Selenium	77-2	5.32	5.66	4.13	5.04	15.87	ppb
Selenium	78-2	5.10	5.13	4.98	5.07	1.61	ppb
Silicon	28-1	2.11	2.10	2.46	2.22	9.22	ppb
Silver	107-1	0.77	0.94	1.03	0.91	14.34	ppb
Silver	109-1	0.81	0.98	1.01	0.93	11.19	ppb
Sodium	23-2	497.70	500.19	498.54	498.81	0.25	ppb
Strontium	86-1	0.92	0.73	0.97	0.88	14.39	ppb
Strontium	88-1	0.93	0.97	0.96	0.95	1.81	ppb
Sulfur	34-1	-564.74	-581.04	-402.46	-516.08		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.84	0.90	0.89	0.88	3.40	ppb
Thallium	205-1	0.87	0.92	0.91	0.90	2.75	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:01:55	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.79	0.85	0.83	0.82	3.52	ppb
Tin	118-1	4.75	4.98	4.96	4.90	2.58	ppb
Titanium	47-1	4.86	4.93	5.01	4.93	1.46	ppb
Uranium	238-1	0.82	0.86	0.81	0.83	3.16	ppb
Vanadium	51-2	5.03	4.98	5.04	5.02	0.67	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	2.11	2.26	2.18	2.18	3.49	ppb
Zirconium	90-1	0.93	0.98	0.98	0.96	2.95	ppb
Zirconium	91-1	0.94	0.96	0.95	0.95	1.35	ppb

LB Number : LB121156 Operator : Jaswal
 Lab Sample ID : ICB19 Instrumnet Name : P7
 Client Sample ID : ICB19 Dilution Factor : 1
 Date & Time Acquired : 2022-05-07 15:04:56 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.02	0.18	0.13	0.10	103.71	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	12.51	ppb
Arsenic	75-2	0.00	-0.02	0.02	0.00	1068.22	ppb
Barium	135-1	-0.01	0.00	0.00	0.00		ppb
Barium	137-1	-0.01	0.00	0.00	0.00		ppb
Beryllium	9-1	0.01	0.02	0.00	0.01	88.93	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	2.51	1.99	1.71	2.07	19.50	ppb
Boron	11-1	2.04	2.17	2.02	2.08	3.80	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.00	-0.02	-0.03	-0.01		ppb
Cadmium	106-1	-2.99	-4.25	-4.86	-4.03		ppb
Cadmium	108-1	-0.17	-0.13	-0.09	-0.13		ppb
Calcium	43-1	0.59	3.67	-0.21	1.35	151.66	ppb
Calcium	44-1	-0.15	0.93	-1.60	-0.27		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.01	-0.01	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.01	0.01	0.00	0.01	121.14	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				105		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	-0.07	-0.12	-0.05	-0.08		ppb
Iron	57-2	-0.48	-0.84	-0.20	-0.51		ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	ICB19	Instrumnet Name :	P7
Client Sample ID :	ICB19	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:04:56	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-0.02	-0.48	-0.22	-0.24		ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.03	0.01	0.02	52.80	ppb
Lead	207-1	0.02	0.04	0.01	0.02	49.08	ppb
Lead	208-1	0.02	0.03	0.02	0.02	35.60	ppb
Lithium	6-1				102		%
Magnesium	24-2	0.58	0.36	0.40	0.45	25.85	ppb
Manganese	55-2	-0.01	-0.01	0.01	0.00		ppb
Molybdenum	94-1	0.05	0.04	0.04	0.04	12.44	ppb
Molybdenum	95-1	0.03	0.04	0.02	0.03	29.31	ppb
Molybdenum	96-1	0.04	0.04	0.03	0.04	15.94	ppb
Molybdenum	97-1	0.03	0.04	0.03	0.03	6.93	ppb
Molybdenum	98-1	0.05	0.02	0.01	0.03	69.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.00	0.00		ppb
Phosphorus	31-2	-10.91	-9.43	-7.46	-9.27		ppb
Potassium	39-2	2.95	1.90	2.67	2.50	21.66	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	0.45	-1.11	-1.15	-0.60		ppb
Selenium	77-2	-0.05	-0.05	-0.05	-0.05		ppb
Selenium	78-2	0.66	0.16	-0.71	0.04	1864.11	ppb
Silicon	28-1	0.98	1.35	0.90	1.08	22.25	ppb
Silver	107-1	0.03	0.03	0.03	0.03	9.10	ppb
Silver	109-1	0.03	0.03	0.02	0.03	28.49	ppb
Sodium	23-2	8.72	7.62	8.26	8.20	6.71	ppb
Strontium	86-1	-0.20	-0.07	-0.25	-0.17		ppb
Strontium	88-1	0.00	0.01	0.00	0.00	75.46	ppb
Sulfur	34-1	-524.21	-310.23	-761.96	-532.13		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.00	-0.01	0.01	0.00	301.40	ppb
Thallium	205-1	0.00	0.01	0.00	0.00	52.50	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	ICB19	Instrumnet Name :	P7
Client Sample ID :	ICB19	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:04:56	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	50.00	ppb
Tin	118-1	-0.12	-0.14	-0.14	-0.13		ppb
Titanium	47-1	0.00	0.03	0.00	0.01	141.95	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	127.99	ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	0.11	0.11	0.08	0.10	16.59	ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00		ppb
Zirconium	91-1	-0.02	-0.01	-0.01	-0.01		ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	ICSA19	Instrumnet Name :	P7
Client Sample ID :	ICSA19	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:07:51	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96388.27	96630.28	95354.68	96124.41	0.70	ppb
Antimony	121-1	1.09	1.07	1.15	1.11	3.60	ppb
Arsenic	75-2	0.33	0.32	0.30	0.32	5.62	ppb
Barium	135-1	1.36	1.41	1.40	1.39	1.95	ppb
Barium	137-1	1.34	1.39	1.51	1.41	6.30	ppb
Beryllium	9-1	0.26	0.30	0.28	0.28	7.62	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	2.29	2.56	1.96	2.27	13.20	ppb
Boron	11-1	2.04	1.93	2.08	2.02	3.78	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.47	0.45	0.47	0.46	2.32	ppb
Cadmium	106-1	-5.00	-5.13	-5.06	-5.07		ppb
Cadmium	108-1	11.85	11.62	11.66	11.71	1.03	ppb
Calcium	43-1	95134.49	98326.36	97609.26	97023.37	1.73	ppb
Calcium	44-1	95835.63	97420.52	97324.29	96860.14	0.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.77	19.95	19.82	19.85	0.46	ppb
Cobalt	59-2	1.18	1.17	1.18	1.18	0.88	ppb
Copper	63-2	7.21	7.16	7.26	7.21	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	99113.44	98992.55	100203.10	99436.36	0.67	ppb
Iron	57-2	99190.17	98308.40	98450.83	98649.80	0.48	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	ICSA19	Instrumnet Name :	P7
Client Sample ID :	ICSA19	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:07:51	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	100133.64	101938.08	98920.47	100330.73	1.51	ppb
Krypton	83-1						cps
Lead	206-1	4.38	4.45	4.25	4.36	2.34	ppb
Lead	207-1	3.82	3.95	3.91	3.89	1.72	ppb
Lead	208-1	4.08	4.11	4.06	4.08	0.62	ppb
Lithium	6-1				95		%
Magnesium	24-2	96775.70	97251.79	94513.23	96180.24	1.52	ppb
Manganese	55-2	7.50	7.62	7.49	7.54	0.91	ppb
Molybdenum	94-1	1595.21	1569.53	1620.97	1595.24	1.61	ppb
Molybdenum	95-1	1945.60	1943.79	1996.19	1961.86	1.52	ppb
Molybdenum	96-1	1915.02	1908.89	1925.66	1916.52	0.44	ppb
Molybdenum	97-1	1942.21	1936.39	1972.66	1950.42	1.00	ppb
Molybdenum	98-1	1932.89	1938.95	1991.38	1954.41	1.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.36	5.31	5.28	5.32	0.73	ppb
Phosphorus	31-2	96375.45	97688.66	97036.01	97033.37	0.68	ppb
Potassium	39-2	95907.05	96450.74	96805.06	96387.62	0.47	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	-0.48	0.51	-0.92	-0.30		ppb
Selenium	77-2	0.44	0.28	0.27	0.33	29.55	ppb
Selenium	78-2	-0.57	-0.21	-0.14	-0.31		ppb
Silicon	28-1	3.08	3.16	3.38	3.21	4.86	ppb
Silver	107-1	0.13	0.08	0.07	0.10	33.88	ppb
Silver	109-1	0.12	0.10	0.07	0.10	27.60	ppb
Sodium	23-2	99514.87	99927.85	98474.72	99305.81	0.75	ppb
Strontium	86-1	33.40	33.01	33.72	33.38	1.06	ppb
Strontium	88-1	33.35	33.36	33.78	33.50	0.72	ppb
Sulfur	34-1	95732.49	97077.58	97504.77	96771.62	0.96	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.15	0.17	0.19	0.17	10.94	ppb
Thallium	205-1	0.15	0.19	0.20	0.18	15.03	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	ICSA19	Instrumnet Name :	P7
Client Sample ID :	ICSA19	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:07:51	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	152.39	ppb
Tin	118-1	0.04	0.01	0.00	0.01	149.75	ppb
Titanium	47-1	1998.29	2021.83	2009.38	2009.83	0.59	ppb
Uranium	238-1	0.01	0.01	0.02	0.02	20.23	ppb
Vanadium	51-2	0.14	0.16	0.17	0.16	8.46	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	13.31	13.16	13.55	13.34	1.46	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	12.91	ppb
Zirconium	91-1	0.01	-0.02	0.02	0.00		ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	ICSAB19	Instrumnet Name :	P7
Client Sample ID :	ICSAB19	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:10:38	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	95639.86	95013.46	95872.81	95508.71	0.47	ppb
Antimony	121-1	20.37	20.77	20.64	20.59	0.99	ppb
Arsenic	75-2	20.34	20.15	20.47	20.32	0.79	ppb
Barium	135-1	20.50	21.38	21.55	21.14	2.66	ppb
Barium	137-1	20.73	20.84	21.37	20.98	1.64	ppb
Beryllium	9-1	19.79	20.47	20.50	20.26	2.00	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	10-1	31.34	31.98	32.31	31.88	1.54	ppb
Boron	11-1	31.72	34.19	33.35	33.09	3.81	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	19.05	19.80	20.07	19.64	2.69	ppb
Cadmium	106-1	19.11	20.11	19.32	19.51	2.71	ppb
Cadmium	108-1	29.86	31.28	31.55	30.90	2.94	ppb
Calcium	43-1	96862.99	94247.44	96097.75	95736.06	1.40	ppb
Calcium	44-1	96077.14	95517.54	96112.11	95902.26	0.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.65	39.40	40.04	39.70	0.82	ppb
Cobalt	59-2	20.76	20.86	21.08	20.90	0.78	ppb
Copper	63-2	26.00	26.11	26.19	26.10	0.37	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				107		%
Holmium	165-2				105		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	100567.46	98919.21	99082.54	99523.07	0.91	ppb
Iron	57-2	98784.62	99934.11	97871.40	98863.37	1.05	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	ICSAB19	Instrumnet Name :	P7
Client Sample ID :	ICSAB19	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:10:38	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	99967.48	99697.77	100420.51	100028.59	0.37	ppb
Krypton	83-1						cps
Lead	206-1	23.00	23.60	23.78	23.46	1.75	ppb
Lead	207-1	21.62	22.14	22.40	22.05	1.81	ppb
Lead	208-1	22.19	22.57	22.78	22.51	1.33	ppb
Lithium	6-1				96		%
Magnesium	24-2	95070.83	95507.88	96326.72	95635.14	0.67	ppb
Manganese	55-2	26.64	26.44	26.67	26.58	0.47	ppb
Molybdenum	94-1	1702.75	1734.90	1731.99	1723.21	1.03	ppb
Molybdenum	95-1	1989.66	2017.76	1993.21	2000.21	0.76	ppb
Molybdenum	96-1	1966.76	1989.69	1968.78	1975.08	0.64	ppb
Molybdenum	97-1	1982.47	2015.68	2024.30	2007.49	1.10	ppb
Molybdenum	98-1	1990.60	1985.95	1986.91	1987.82	0.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.62	24.90	24.99	24.83	0.78	ppb
Phosphorus	31-2	96352.59	96506.08	95730.81	96196.49	0.43	ppb
Potassium	39-2	96281.87	96719.75	95503.10	96168.24	0.64	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	19.63	19.16	19.92	19.57	1.97	ppb
Selenium	77-2	21.08	21.71	17.47	20.09	11.39	ppb
Selenium	78-2	19.52	19.82	19.79	19.71	0.84	ppb
Silicon	28-1	9.49	9.29	9.41	9.40	1.11	ppb
Silver	107-1	18.49	19.09	18.84	18.81	1.63	ppb
Silver	109-1	18.23	18.51	18.62	18.45	1.07	ppb
Sodium	23-2	97739.03	98180.13	99267.25	98395.47	0.80	ppb
Strontium	86-1	86.21	87.55	88.11	87.29	1.12	ppb
Strontium	88-1	88.11	88.34	89.27	88.57	0.69	ppb
Sulfur	34-1	95981.25	94385.57	93658.07	94674.96	1.26	ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	19.45	19.60	19.74	19.60	0.75	ppb
Thallium	205-1	19.20	19.81	19.66	19.56	1.62	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	ICSAB19	Instrumnet Name :	P7
Client Sample ID :	ICSAB19	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:10:38	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	35.05	ppb
Tin	118-1	52.49	53.67	53.15	53.10	1.11	ppb
Titanium	47-1	2030.28	2023.03	2036.53	2029.95	0.33	ppb
Uranium	238-1	52.85	53.47	53.57	53.30	0.73	ppb
Vanadium	51-2	19.89	19.87	19.82	19.86	0.19	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	33.34	34.02	33.46	33.61	1.09	ppb
Zirconium	90-1	52.19	52.78	52.15	52.37	0.67	ppb
Zirconium	91-1	52.52	52.96	53.03	52.84	0.53	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	CCV62	Instrumnet Name :	P7
Client Sample ID :	CCV62	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:26:21	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49843.08	50681.25	49785.89	50103.40	1.00	ppb
Antimony	121-1	529.44	530.93	537.65	532.67	0.82	ppb
Arsenic	75-2	482.09	484.36	491.32	485.92	0.99	ppb
Barium	135-1	2508.00	2484.86	2574.84	2522.57	1.85	ppb
Barium	137-1	2524.88	2497.74	2559.79	2527.47	1.23	ppb
Beryllium	9-1	496.42	498.46	502.22	499.03	0.59	ppb
Bismuth	209-1				97		%
Bismuth	209-2				93		%
Boron	10-1	466.55	472.76	487.39	475.57	2.25	ppb
Boron	11-1	468.05	480.23	501.38	483.22	3.49	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	503.18	500.86	503.05	502.36	0.26	ppb
Cadmium	106-1	501.30	505.55	506.51	504.46	0.55	ppb
Cadmium	108-1	507.59	503.88	512.10	507.86	0.81	ppb
Calcium	43-1	234339.63	233210.59	236469.74	234673.32	0.71	ppb
Calcium	44-1	232187.09	232385.08	232902.73	232491.63	0.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	503.02	519.62	507.44	510.02	1.69	ppb
Cobalt	59-2	499.01	495.50	492.45	495.65	0.66	ppb
Copper	63-2	5057.96	5163.50	5048.71	5090.06	1.25	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				105		%
Holmium	165-2				104		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	56-2	118537.83	120420.61	120803.65	119920.69	1.01	ppb
Iron	57-2	119932.47	122673.44	118946.51	120517.47	1.60	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	CCV62	Instrumnet Name :	P7
Client Sample ID :	CCV62	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:26:21	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	121925.18	124776.73	122088.15	122930.02	1.30	ppb
Krypton	83-1						cps
Lead	206-1	2513.52	2557.98	2572.22	2547.91	1.20	ppb
Lead	207-1	2510.64	2550.74	2566.35	2542.58	1.13	ppb
Lead	208-1	2520.23	2543.76	2571.17	2545.05	1.00	ppb
Lithium	6-1				92		%
Magnesium	24-2	245452.57	245504.98	242914.91	244624.15	0.61	ppb
Manganese	55-2	4905.56	5004.71	4949.38	4953.21	1.00	ppb
Molybdenum	94-1	5049.73	5056.88	5121.70	5076.10	0.78	ppb
Molybdenum	95-1	5028.37	5034.42	5142.61	5068.47	1.27	ppb
Molybdenum	96-1	4977.38	5020.56	5115.63	5037.86	1.40	ppb
Molybdenum	97-1	4977.40	4980.91	5088.43	5015.58	1.26	ppb
Molybdenum	98-1	4956.11	5003.31	5088.15	5015.86	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.63	508.08	502.27	503.66	0.78	ppb
Phosphorus	31-2	9955.48	10012.25	9932.72	9966.82	0.41	ppb
Potassium	39-2	119451.25	119728.08	119240.47	119473.27	0.20	ppb
Rhodium	103-1				92		%
Rhodium	103-2				92		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	498.20	498.90	516.79	504.63	2.09	ppb
Selenium	77-2	501.91	511.83	495.90	503.22	1.60	ppb
Selenium	78-2	508.86	508.41	516.18	511.15	0.85	ppb
Silicon	28-1	484.84	481.19	493.87	486.63	1.34	ppb
Silver	107-1	518.53	511.37	515.71	515.20	0.70	ppb
Silver	109-1	518.49	511.31	512.09	513.96	0.77	ppb
Sodium	23-2	241285.38	239588.88	240099.80	240324.68	0.36	ppb
Strontium	86-1	499.87	497.24	503.60	500.24	0.64	ppb
Strontium	88-1	497.47	498.52	508.96	501.65	1.27	ppb
Sulfur	34-1	8534.37	8338.11	8571.10	8481.19	1.48	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	507.34	504.12	514.75	508.74	1.07	ppb
Thallium	205-1	501.46	510.42	518.44	510.11	1.66	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	CCV62	Instrumnet Name :	P7
Client Sample ID :	CCV62	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:26:21	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	513.86	509.93	522.08	515.29	1.20	ppb
Tin	118-1	507.31	502.79	516.73	508.94	1.40	ppb
Titanium	47-1	4887.41	4940.23	4999.45	4942.36	1.13	ppb
Uranium	238-1	502.90	505.40	514.99	507.76	1.26	ppb
Vanadium	51-2	509.18	516.41	514.61	513.40	0.73	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	5037.15	5131.13	5020.54	5062.94	1.18	ppb
Zirconium	90-1	505.27	503.26	507.71	505.42	0.44	ppb
Zirconium	91-1	510.36	501.29	512.59	508.08	1.18	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	CCB62	Instrumnet Name :	P7
Client Sample ID :	CCB62	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:36:38	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.33	0.47	0.62	0.47	30.90	ppb
Antimony	121-1	0.05	0.07	0.08	0.06	24.19	ppb
Arsenic	75-2	-0.01	-0.02	0.00	-0.01		ppb
Barium	135-1	0.02	0.01	0.01	0.01	54.56	ppb
Barium	137-1	0.00	0.00	0.01	0.00	45.43	ppb
Beryllium	9-1	0.01	0.01	0.00	0.00	134.81	ppb
Bismuth	209-1				110		%
Bismuth	209-2				103		%
Boron	10-1	1.36	1.17	1.13	1.22	10.13	ppb
Boron	11-1	1.50	1.58	1.38	1.49	6.62	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.04	-0.03	-0.03	-0.03		ppb
Cadmium	106-1	-5.33	-5.55	-6.02	-5.63		ppb
Cadmium	108-1	0.13	-0.03	-0.15	-0.02		ppb
Calcium	43-1	0.31	0.68	0.95	0.65	49.39	ppb
Calcium	44-1	-0.79	0.76	0.74	0.24	375.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	-0.01	0.03	0.01	186.09	ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	163.10	ppb
Copper	63-2	0.06	0.04	0.04	0.05	21.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				105		%
Indium	115-1				110		%
Indium	115-2				104		%
Iron	56-2	1.03	1.09	1.35	1.16	14.80	ppb
Iron	57-2	1.34	0.56	0.64	0.85	50.95	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	CCB62	Instrumnet Name :	P7
Client Sample ID :	CCB62	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:36:38	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1.78	1.28	1.44	1.50	17.05	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.03	0.04	0.03	22.74	ppb
Lead	207-1	0.03	0.04	0.05	0.04	27.25	ppb
Lead	208-1	0.03	0.03	0.03	0.03	13.08	ppb
Lithium	6-1				102		%
Magnesium	24-2	1.82	1.95	2.26	2.01	11.43	ppb
Manganese	55-2	0.02	0.04	0.03	0.03	35.60	ppb
Molybdenum	94-1	0.04	0.03	0.03	0.03	21.58	ppb
Molybdenum	95-1	0.07	0.05	0.03	0.05	43.21	ppb
Molybdenum	96-1	0.09	0.06	0.06	0.07	24.36	ppb
Molybdenum	97-1	0.08	0.06	0.05	0.06	22.82	ppb
Molybdenum	98-1	0.05	0.05	0.05	0.05	4.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	-0.01	-0.01		ppb
Phosphorus	31-2	-13.31	-9.19	-7.64	-10.05		ppb
Potassium	39-2	6.31	8.43	6.82	7.18	15.44	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				107		%
Scandium	45-2				100		%
Selenium	82-1	-0.13	-1.00	0.22	-0.30		ppb
Selenium	77-2	0.11	0.10	-0.05	0.05	178.90	ppb
Selenium	78-2	0.22	-0.23	0.30	0.10	298.72	ppb
Silicon	28-1	0.23	1.02	1.12	0.79	61.42	ppb
Silver	107-1	0.01	0.02	0.02	0.02	24.54	ppb
Silver	109-1	0.01	0.01	0.01	0.01	9.25	ppb
Sodium	23-2	18.04	17.65	17.93	17.87	1.12	ppb
Strontium	86-1	-0.45	-0.27	-0.13	-0.28		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	104.44	ppb
Sulfur	34-1	-1183.69	-702.50	-670.55	-852.25		ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	0.02	0.03	0.04	0.03	42.58	ppb
Thallium	205-1	0.00	0.03	0.02	0.01	83.80	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	CCB62	Instrumnet Name :	P7
Client Sample ID :	CCB62	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:36:38	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.01	0.01	0.01	19.16	ppb
Tin	118-1	-0.15	-0.14	-0.15	-0.15		ppb
Titanium	47-1	0.00	0.00	0.06	0.02	205.20	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	117.94	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	119.78	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	0.06	0.10	0.11	0.09	27.73	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:42:24	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.32	19.76	19.79	19.63	1.34	ppb
Antimony	121-1	1.92	1.97	1.96	1.95	1.46	ppb
Arsenic	75-2	1.13	1.06	0.95	1.05	8.74	ppb
Barium	135-1	9.28	9.20	9.45	9.31	1.36	ppb
Barium	137-1	9.56	9.64	9.30	9.50	1.90	ppb
Beryllium	9-1	1.04	0.97	0.99	1.00	3.74	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	10-1	24.12	23.18	24.17	23.82	2.33	ppb
Boron	11-1	24.51	25.06	25.36	24.98	1.73	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.01	1.03	1.05	1.03	2.07	ppb
Cadmium	106-1	-4.94	-3.83	-4.42	-4.40		ppb
Cadmium	108-1	0.68	0.77	0.52	0.66	19.75	ppb
Calcium	43-1	488.79	478.01	485.50	484.10	1.14	ppb
Calcium	44-1	497.65	493.13	483.02	491.27	1.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.99	1.97	1.88	1.95	2.78	ppb
Cobalt	59-2	1.00	1.00	1.00	1.00	0.25	ppb
Copper	63-2	2.01	2.03	2.04	2.03	0.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	56-2	50.11	50.20	49.24	49.85	1.07	ppb
Iron	57-2	48.57	51.87	49.98	50.14	3.30	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:42:24	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	53.32	53.44	51.73	52.83	1.81	ppb
Krypton	83-1						cps
Lead	206-1	0.87	0.89	0.86	0.87	2.01	ppb
Lead	207-1	0.92	0.83	0.84	0.86	5.61	ppb
Lead	208-1	0.89	0.87	0.84	0.86	2.63	ppb
Lithium	6-1				101		%
Magnesium	24-2	482.78	479.67	487.06	483.17	0.77	ppb
Manganese	55-2	1.04	1.00	1.03	1.02	1.68	ppb
Molybdenum	94-1	5.86	5.72	5.42	5.67	4.03	ppb
Molybdenum	95-1	5.00	4.96	4.87	4.94	1.43	ppb
Molybdenum	96-1	5.15	5.05	4.99	5.07	1.58	ppb
Molybdenum	97-1	4.94	4.76	4.92	4.87	2.02	ppb
Molybdenum	98-1	4.95	4.85	4.60	4.80	3.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.11	1.02	1.03	1.05	5.11	ppb
Phosphorus	31-2	13.82	13.15	4.92	10.63	46.66	ppb
Potassium	39-2	496.42	495.93	489.64	493.99	0.77	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	5.46	3.64	5.07	4.72	20.24	ppb
Selenium	77-2	4.81	4.75	4.03	4.53	9.51	ppb
Selenium	78-2	5.24	5.68	4.85	5.26	7.94	ppb
Silicon	28-1	2.74	2.51	2.23	2.49	10.26	ppb
Silver	107-1	0.84	0.92	0.96	0.91	6.59	ppb
Silver	109-1	0.83	0.92	0.99	0.91	8.46	ppb
Sodium	23-2	484.99	489.46	483.01	485.82	0.68	ppb
Strontium	86-1	0.99	0.94	0.76	0.89	13.63	ppb
Strontium	88-1	0.98	0.94	0.92	0.95	2.80	ppb
Sulfur	34-1	-389.72	-436.52	-639.20	-488.48		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.90	0.88	0.89	0.89	1.06	ppb
Thallium	205-1	0.90	0.84	0.89	0.88	3.53	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:42:24	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.80	0.76	0.79	0.79	2.45	ppb
Tin	118-1	4.99	4.89	4.89	4.92	1.21	ppb
Titanium	47-1	4.87	4.81	4.93	4.87	1.23	ppb
Uranium	238-1	0.82	0.78	0.80	0.80	2.67	ppb
Vanadium	51-2	4.87	4.97	4.86	4.90	1.23	ppb
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	2.08	2.21	2.18	2.16	3.01	ppb
Zirconium	90-1	0.96	0.94	0.93	0.95	1.63	ppb
Zirconium	91-1	1.00	0.88	0.91	0.93	6.73	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	N1645-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT1-	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:49:22	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.28	14.57	15.45	14.77	4.14	ppb
Antimony	121-1	0.73	0.71	0.75	0.73	2.81	ppb
Arsenic	75-2	0.67	0.63	0.74	0.68	8.36	ppb
Barium	135-1	3.58	3.40	3.47	3.48	2.64	ppb
Barium	137-1	3.51	3.54	3.76	3.60	3.86	ppb
Beryllium	9-1	0.70	0.74	0.71	0.72	2.60	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	1.28	1.03	1.05	1.12	12.23	ppb
Boron	11-1	1.12	1.20	1.22	1.18	4.58	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.67	0.71	0.74	0.71	4.97	ppb
Cadmium	106-1	-5.26	-5.08	-5.22	-5.19		ppb
Cadmium	108-1	0.74	0.55	0.60	0.63	15.86	ppb
Calcium	43-1	77.97	86.53	84.12	82.87	5.32	ppb
Calcium	44-1	76.96	74.86	74.58	75.46	1.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.91	0.82	0.89	0.87	5.52	ppb
Cobalt	59-2	0.72	0.74	0.76	0.74	2.76	ppb
Copper	63-2	1.44	1.46	1.44	1.44	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	56-2	37.15	37.57	37.32	37.35	0.56	ppb
Iron	57-2	37.92	37.82	36.71	37.48	1.78	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	N1645-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT1-	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:49:22	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	41.12	39.94	38.01	39.69	3.95	ppb
Krypton	83-1						cps
Lead	206-1	0.67	0.69	0.69	0.68	1.55	ppb
Lead	207-1	0.65	0.68	0.68	0.67	2.44	ppb
Lead	208-1	0.67	0.68	0.67	0.67	0.78	ppb
Lithium	6-1				100		%
Magnesium	24-2	75.80	74.16	74.92	74.96	1.10	ppb
Manganese	55-2	1.42	1.45	1.43	1.44	1.14	ppb
Molybdenum	94-1	1.77	1.76	1.82	1.78	1.77	ppb
Molybdenum	95-1	0.68	0.69	0.69	0.69	1.21	ppb
Molybdenum	96-1	0.79	0.79	0.83	0.80	3.33	ppb
Molybdenum	97-1	0.76	0.71	0.63	0.70	8.86	ppb
Molybdenum	98-1	0.71	0.72	0.68	0.71	2.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.72	0.80	0.76	0.76	5.07	ppb
Phosphorus	31-2	11.05	13.71	13.14	12.63	11.09	ppb
Potassium	39-2	38.75	41.08	37.58	39.14	4.55	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	-0.94	0.67	1.74	0.49	274.18	ppb
Selenium	77-2	0.72	0.73	0.73	0.72	0.49	ppb
Selenium	78-2	0.77	0.79	0.94	0.83	11.06	ppb
Silicon	28-1	1.57	1.65	1.44	1.55	6.71	ppb
Silver	107-1	0.58	0.64	0.68	0.63	8.27	ppb
Silver	109-1	0.57	0.66	0.72	0.65	11.73	ppb
Sodium	23-2	74.85	76.60	75.92	75.79	1.17	ppb
Strontium	86-1	0.60	0.59	0.44	0.55	16.39	ppb
Strontium	88-1	0.69	0.69	0.69	0.69	0.32	ppb
Sulfur	34-1	-437.18	-352.18	-469.68	-419.68		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.65	0.63	0.65	0.64	2.27	ppb
Thallium	205-1	0.65	0.68	0.69	0.67	2.84	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	N1645-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT1-	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:49:22	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.59	0.59	0.60	0.60	0.62	ppb
Tin	118-1	0.63	0.59	0.70	0.64	8.44	ppb
Titanium	47-1	0.72	0.76	0.73	0.74	2.96	ppb
Uranium	238-1	0.57	0.59	0.60	0.59	2.75	ppb
Vanadium	51-2	0.74	0.70	0.70	0.71	2.95	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	2.16	2.07	2.05	2.09	2.62	ppb
Zirconium	90-1	0.67	0.66	0.65	0.66	2.05	ppb
Zirconium	91-1	0.68	0.61	0.69	0.66	6.35	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	N1645-03	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-03-QT1-2022	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:52:14	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.87	5.86	5.46	5.73	4.01	ppb
Antimony	121-1	0.26	0.24	0.26	0.26	4.25	ppb
Arsenic	75-2	0.21	0.28	0.26	0.25	14.01	ppb
Barium	135-1	1.14	1.27	1.32	1.24	7.35	ppb
Barium	137-1	1.15	1.22	1.17	1.18	3.21	ppb
Beryllium	9-1	0.24	0.24	0.22	0.24	3.98	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	10-1	1.93	2.35	2.38	2.22	11.29	ppb
Boron	11-1	2.38	2.60	2.30	2.43	6.31	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.26	0.19	0.24	0.23	14.85	ppb
Cadmium	106-1	-3.88	-5.35	-4.12	-4.45		ppb
Cadmium	108-1	0.17	0.23	0.15	0.18	23.03	ppb
Calcium	43-1	29.17	24.61	23.74	25.84	11.28	ppb
Calcium	44-1	24.35	24.86	26.74	25.32	4.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.29	0.26	0.30	0.28	7.18	ppb
Cobalt	59-2	0.26	0.27	0.24	0.26	6.66	ppb
Copper	63-2	0.50	0.53	0.50	0.51	3.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	56-2	13.19	13.32	12.96	13.16	1.40	ppb
Iron	57-2	12.32	13.15	13.66	13.04	5.17	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	N1645-03	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-03-QT1-2022	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:52:14	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	13.69	12.26	12.63	12.86	5.75	ppb
Krypton	83-1						cps
Lead	206-1	0.24	0.22	0.24	0.23	3.26	ppb
Lead	207-1	0.21	0.22	0.24	0.22	7.62	ppb
Lead	208-1	0.23	0.24	0.24	0.23	2.49	ppb
Lithium	6-1				101		%
Magnesium	24-2	25.91	25.93	25.19	25.67	1.65	ppb
Manganese	55-2	0.53	0.56	0.57	0.55	4.19	ppb
Molybdenum	94-1	1.50	1.49	1.53	1.51	1.61	ppb
Molybdenum	95-1	1.23	1.25	1.25	1.25	1.15	ppb
Molybdenum	96-1	1.24	1.19	1.27	1.23	3.01	ppb
Molybdenum	97-1	1.27	1.24	1.22	1.24	2.40	ppb
Molybdenum	98-1	1.23	1.30	1.28	1.27	2.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.28	0.24	0.25	0.26	6.90	ppb
Phosphorus	31-2	-9.27	-0.47	-3.16	-4.30		ppb
Potassium	39-2	14.66	19.10	14.90	16.22	15.40	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	82-1	3.00	2.22	2.93	2.72	15.81	ppb
Selenium	77-2	3.07	2.57	1.64	2.42	30.00	ppb
Selenium	78-2	3.46	2.72	3.18	3.12	12.00	ppb
Silicon	28-1	1.27	1.33	1.26	1.28	2.92	ppb
Silver	107-1	0.22	0.23	0.27	0.24	10.18	ppb
Silver	109-1	0.23	0.23	0.27	0.24	9.32	ppb
Sodium	23-2	34.16	35.48	35.57	35.07	2.24	ppb
Strontium	86-1	0.05	0.13	0.08	0.09	50.18	ppb
Strontium	88-1	0.24	0.24	0.24	0.24	1.92	ppb
Sulfur	34-1	-495.44	-508.78	-532.48	-512.23		ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.25	0.22	0.25	0.24	7.55	ppb
Thallium	205-1	0.22	0.23	0.24	0.23	4.27	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	N1645-03	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-03-QT1-2022	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:52:14	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.21	0.21	0.20	0.21	1.43	ppb
Tin	118-1	0.13	0.07	0.09	0.10	25.92	ppb
Titanium	47-1	1.28	1.28	1.35	1.30	2.94	ppb
Uranium	238-1	0.20	0.19	0.21	0.20	3.44	ppb
Vanadium	51-2	0.29	0.24	0.25	0.26	8.78	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	1.02	0.81	0.88	0.90	11.49	ppb
Zirconium	90-1	0.25	0.22	0.24	0.24	7.08	ppb
Zirconium	91-1	0.24	0.25	0.19	0.23	15.44	ppb

LB Number : LB121156 Operator : Jaswal
 Lab Sample ID : N1645-07 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired : 2022-05-07 15:55:13 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.51	15.20	15.46	15.06	3.28	ppb
Antimony	121-1	0.73	0.72	0.72	0.72	0.78	ppb
Arsenic	75-2	0.74	0.82	0.74	0.76	6.11	ppb
Barium	135-1	3.62	3.40	3.34	3.45	4.41	ppb
Barium	137-1	3.51	3.57	3.73	3.60	3.27	ppb
Beryllium	9-1	0.74	0.73	0.68	0.72	4.42	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Boron	10-1	0.88	1.02	0.58	0.83	27.14	ppb
Boron	11-1	1.03	0.76	0.95	0.91	15.03	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.81	0.72	0.78	0.77	5.50	ppb
Cadmium	106-1	-4.25	-4.67	-4.21	-4.37		ppb
Cadmium	108-1	0.72	0.64	0.62	0.66	8.57	ppb
Calcium	43-1	71.85	78.73	75.24	75.28	4.57	ppb
Calcium	44-1	73.36	75.34	71.90	73.53	2.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.82	0.85	0.87	0.85	3.06	ppb
Cobalt	59-2	0.75	0.76	0.74	0.75	1.61	ppb
Copper	63-2	1.42	1.54	1.43	1.46	4.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	56-2	37.31	37.13	37.40	37.28	0.38	ppb
Iron	57-2	36.77	37.91	36.59	37.09	1.93	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	N1645-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:55:13	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	39.34	38.43	39.31	39.03	1.32	ppb
Krypton	83-1						cps
Lead	206-1	0.68	0.66	0.65	0.66	1.83	ppb
Lead	207-1	0.66	0.67	0.70	0.68	3.40	ppb
Lead	208-1	0.67	0.66	0.67	0.66	1.20	ppb
Lithium	6-1				101		%
Magnesium	24-2	75.60	74.30	75.18	75.03	0.88	ppb
Manganese	55-2	1.44	1.43	1.44	1.44	0.22	ppb
Molybdenum	94-1	1.85	1.76	1.94	1.85	4.95	ppb
Molybdenum	95-1	0.72	0.72	0.71	0.72	0.93	ppb
Molybdenum	96-1	0.83	0.77	0.79	0.80	3.99	ppb
Molybdenum	97-1	0.63	0.78	0.67	0.69	10.70	ppb
Molybdenum	98-1	0.71	0.65	0.76	0.71	8.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.72	0.77	0.79	0.76	4.71	ppb
Phosphorus	31-2	5.66	4.41	9.06	6.38	37.76	ppb
Potassium	39-2	37.91	39.86	39.79	39.19	2.82	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	82-1	1.50	0.32	-0.10	0.57	145.39	ppb
Selenium	77-2	1.64	0.56	0.25	0.82	89.37	ppb
Selenium	78-2	1.35	1.10	1.01	1.15	15.37	ppb
Silicon	28-1	1.51	1.38	1.27	1.38	8.87	ppb
Silver	107-1	0.64	0.71	0.73	0.70	7.51	ppb
Silver	109-1	0.62	0.66	0.71	0.66	7.01	ppb
Sodium	23-2	73.09	76.63	73.01	74.24	2.79	ppb
Strontium	86-1	0.58	0.58	0.57	0.58	0.86	ppb
Strontium	88-1	0.68	0.69	0.69	0.69	0.62	ppb
Sulfur	34-1	-477.44	-482.68	-548.34	-502.82		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.72	0.64	0.68	0.68	5.64	ppb
Thallium	205-1	0.65	0.64	0.67	0.65	2.46	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	N1645-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:55:13	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.58	0.58	0.59	0.59	1.03	ppb
Tin	118-1	0.67	0.71	0.61	0.66	7.68	ppb
Titanium	47-1	0.78	0.88	0.58	0.75	20.20	ppb
Uranium	238-1	0.59	0.59	0.59	0.59	0.41	ppb
Vanadium	51-2	0.74	0.70	0.69	0.71	3.85	ppb
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	1.55	1.66	1.43	1.54	7.24	ppb
Zirconium	90-1	0.65	0.68	0.68	0.67	3.10	ppb
Zirconium	91-1	0.65	0.58	0.72	0.65	11.10	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	N1645-09	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-03-QT1-20	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:58:06	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.18	5.33	7.46	5.99	21.25	ppb
Antimony	121-1	0.24	0.27	0.27	0.26	7.58	ppb
Arsenic	75-2	0.27	0.23	0.34	0.28	20.95	ppb
Barium	135-1	1.27	1.21	1.32	1.27	4.26	ppb
Barium	137-1	1.22	1.21	1.18	1.21	1.75	ppb
Beryllium	9-1	0.27	0.27	0.25	0.26	5.11	ppb
Bismuth	209-1				106		%
Bismuth	209-2				98		%
Boron	10-1	1.90	1.94	2.13	1.99	6.17	ppb
Boron	11-1	2.18	2.34	2.37	2.30	4.52	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.21	0.25	0.28	0.25	13.00	ppb
Cadmium	106-1	-4.98	-4.16	-4.42	-4.52		ppb
Cadmium	108-1	0.40	0.20	0.15	0.25	53.75	ppb
Calcium	43-1	25.22	22.17	25.21	24.20	7.27	ppb
Calcium	44-1	23.82	23.34	25.59	24.25	4.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.25	0.22	0.39	0.28	32.27	ppb
Cobalt	59-2	0.24	0.24	0.33	0.27	19.59	ppb
Copper	63-2	0.52	0.51	0.73	0.59	21.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				100		%
Indium	115-1				107		%
Indium	115-2				99		%
Iron	56-2	13.20	12.78	17.83	14.60	19.18	ppb
Iron	57-2	13.83	14.41	18.82	15.69	17.41	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	N1645-09	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-03-QT1-20	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:58:06	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	12.48	12.96	21.50	15.65	32.45	ppb
Krypton	83-1						cps
Lead	206-1	0.23	0.23	0.19	0.22	10.60	ppb
Lead	207-1	0.23	0.26	0.24	0.24	7.11	ppb
Lead	208-1	0.23	0.24	0.23	0.24	2.53	ppb
Lithium	6-1				100		%
Magnesium	24-2	25.26	25.11	34.18	28.18	18.44	ppb
Manganese	55-2	0.51	0.51	0.72	0.58	21.09	ppb
Molybdenum	94-1	1.42	1.54	1.55	1.50	4.95	ppb
Molybdenum	95-1	1.26	1.36	1.26	1.29	4.41	ppb
Molybdenum	96-1	1.21	1.25	1.28	1.25	2.55	ppb
Molybdenum	97-1	1.20	1.19	1.29	1.23	4.52	ppb
Molybdenum	98-1	1.33	1.23	1.30	1.29	3.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.28	0.22	0.38	0.29	27.50	ppb
Phosphorus	31-2	-0.53	-3.77	5.11	0.27	1656.19	ppb
Potassium	39-2	15.04	13.16	48.54	25.58	77.82	ppb
Rhodium	103-1				106		%
Rhodium	103-2				99		%
Scandium	45-1				106		%
Scandium	45-2				97		%
Selenium	82-1	1.33	2.65	2.24	2.08	32.52	ppb
Selenium	77-2	3.27	3.87	3.98	3.71	10.25	ppb
Selenium	78-2	3.33	2.75	5.26	3.78	34.75	ppb
Silicon	28-1	1.27	1.27	1.39	1.31	5.27	ppb
Silver	107-1	0.23	0.25	0.26	0.24	6.53	ppb
Silver	109-1	0.21	0.24	0.28	0.25	15.65	ppb
Sodium	23-2	30.59	30.10	46.04	35.58	25.49	ppb
Strontium	86-1	0.13	0.23	0.13	0.16	36.27	ppb
Strontium	88-1	0.24	0.24	0.24	0.24	0.68	ppb
Sulfur	34-1	-508.50	-472.77	-338.44	-439.90		ppb
Terbium	159-1				108		%
Terbium	159-2				98		%
Thallium	203-1	0.24	0.22	0.21	0.23	7.25	ppb
Thallium	205-1	0.23	0.22	0.24	0.23	5.49	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	N1645-09	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-03-QT1-20	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:58:06	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.20	0.21	0.20	0.20	1.82	ppb
Tin	118-1	0.10	0.12	0.10	0.11	8.76	ppb
Titanium	47-1	1.21	1.26	1.41	1.30	8.02	ppb
Uranium	238-1	0.21	0.20	0.21	0.20	2.93	ppb
Vanadium	51-2	0.25	0.26	0.33	0.28	14.24	ppb
Yttrium	89-1				106		%
Yttrium	89-2				100		%
Zinc	66-2	0.62	0.58	1.03	0.74	33.86	ppb
Zirconium	90-1	0.25	0.24	0.24	0.24	3.00	ppb
Zirconium	91-1	0.21	0.21	0.22	0.21	2.57	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	N1645-12	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-06-QT1-20	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 16:05:34	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.35	5.40	5.51	5.42	1.52	ppb
Antimony	121-1	0.27	0.23	0.28	0.26	10.04	ppb
Arsenic	75-2	0.23	0.25	0.28	0.25	10.44	ppb
Barium	135-1	1.19	1.24	1.23	1.22	2.28	ppb
Barium	137-1	1.23	1.14	1.22	1.20	4.44	ppb
Beryllium	9-1	0.24	0.24	0.25	0.24	3.34	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	10-1	1.84	2.42	2.18	2.15	13.58	ppb
Boron	11-1	2.05	2.27	2.16	2.16	5.06	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.29	0.20	0.24	0.24	19.23	ppb
Cadmium	106-1	-4.62	-5.85	-5.68	-5.38		ppb
Cadmium	108-1	0.14	0.30	0.02	0.15	90.85	ppb
Calcium	43-1	21.99	26.48	31.71	26.73	18.19	ppb
Calcium	44-1	24.94	25.78	24.43	25.05	2.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.28	0.24	0.27	0.26	7.65	ppb
Cobalt	59-2	0.28	0.27	0.27	0.27	2.47	ppb
Copper	63-2	0.51	0.50	0.50	0.51	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				109		%
Indium	115-1				108		%
Indium	115-2				109		%
Iron	56-2	13.06	12.72	12.85	12.88	1.30	ppb
Iron	57-2	13.30	13.15	13.46	13.30	1.13	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	N1645-12	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-06-QT1-20	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 16:05:34	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	14.28	14.12	14.17	14.19	0.57	ppb
Krypton	83-1						cps
Lead	206-1	0.23	0.22	0.24	0.23	3.80	ppb
Lead	207-1	0.26	0.23	0.22	0.24	8.84	ppb
Lead	208-1	0.24	0.23	0.24	0.24	3.11	ppb
Lithium	6-1				101		%
Magnesium	24-2	25.64	25.57	26.38	25.87	1.74	ppb
Manganese	55-2	0.50	0.46	0.50	0.49	4.22	ppb
Molybdenum	94-1	1.52	1.44	1.47	1.48	2.71	ppb
Molybdenum	95-1	1.29	1.29	1.28	1.29	0.56	ppb
Molybdenum	96-1	1.31	1.29	1.36	1.32	2.85	ppb
Molybdenum	97-1	1.19	1.20	1.37	1.25	8.25	ppb
Molybdenum	98-1	1.17	1.26	1.26	1.23	4.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.26	0.26	0.27	0.27	3.40	ppb
Phosphorus	31-2	2.40	-5.01	-4.02	-2.21		ppb
Potassium	39-2	12.01	15.89	14.67	14.19	14.01	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	82-1	2.32	3.33	2.17	2.61	24.18	ppb
Selenium	77-2	2.18	3.13	2.10	2.47	23.28	ppb
Selenium	78-2	2.81	2.42	3.08	2.77	11.89	ppb
Silicon	28-1	1.51	1.50	1.32	1.44	7.34	ppb
Silver	107-1	0.20	0.23	0.21	0.21	6.59	ppb
Silver	109-1	0.18	0.20	0.23	0.21	10.65	ppb
Sodium	23-2	30.72	30.21	30.45	30.46	0.84	ppb
Strontium	86-1	0.09	0.11	0.14	0.11	19.40	ppb
Strontium	88-1	0.25	0.24	0.25	0.25	0.54	ppb
Sulfur	34-1	-431.19	-463.48	-516.00	-470.22		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.21	0.23	0.22	0.22	3.76	ppb
Thallium	205-1	0.24	0.21	0.22	0.22	5.20	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	N1645-12	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-06-QT1-20	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 16:05:34	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.19	0.21	0.20	0.20	2.80	ppb
Tin	118-1	0.11	0.08	0.10	0.10	19.44	ppb
Titanium	47-1	1.37	1.23	1.33	1.31	5.30	ppb
Uranium	238-1	0.19	0.20	0.20	0.20	2.73	ppb
Vanadium	51-2	0.25	0.25	0.23	0.24	4.17	ppb
Yttrium	89-1				107		%
Yttrium	89-2				108		%
Zinc	66-2	0.55	0.61	0.62	0.59	6.87	ppb
Zirconium	90-1	0.24	0.22	0.24	0.23	3.43	ppb
Zirconium	91-1	0.24	0.20	0.21	0.22	9.77	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	N1645-10	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 16:08:29	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.50	15.57	13.74	14.60	6.30	ppb
Antimony	121-1	0.82	0.73	0.72	0.76	6.89	ppb
Arsenic	75-2	0.70	0.78	0.69	0.72	7.10	ppb
Barium	135-1	3.85	3.63	3.45	3.64	5.42	ppb
Barium	137-1	4.01	3.71	3.38	3.70	8.58	ppb
Beryllium	9-1	0.77	0.71	0.70	0.73	5.24	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	1.01	0.45	0.49	0.65	48.45	ppb
Boron	11-1	0.82	0.60	0.62	0.68	18.48	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.89	0.76	0.68	0.78	13.46	ppb
Cadmium	106-1	-3.42	-5.44	-5.14	-4.66		ppb
Cadmium	108-1	0.64	0.62	0.58	0.61	4.55	ppb
Calcium	43-1	86.08	86.18	75.82	82.70	7.20	ppb
Calcium	44-1	82.77	73.89	75.12	77.26	6.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.87	0.84	0.88	0.86	2.22	ppb
Cobalt	59-2	0.75	0.74	0.77	0.75	1.62	ppb
Copper	63-2	1.47	1.49	1.46	1.48	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				108		%
Iron	56-2	37.89	37.96	37.41	37.76	0.79	ppb
Iron	57-2	38.08	36.16	38.79	37.68	3.61	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	N1645-10	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 16:08:29	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	40.24	39.28	38.80	39.44	1.86	ppb
Krypton	83-1						cps
Lead	206-1	0.75	0.64	0.64	0.67	9.17	ppb
Lead	207-1	0.71	0.62	0.67	0.67	7.07	ppb
Lead	208-1	0.72	0.65	0.65	0.68	6.13	ppb
Lithium	6-1				99		%
Magnesium	24-2	75.11	74.75	74.00	74.62	0.76	ppb
Manganese	55-2	1.42	1.44	1.50	1.45	2.57	ppb
Molybdenum	94-1	2.00	1.89	1.75	1.88	6.64	ppb
Molybdenum	95-1	0.82	0.68	0.66	0.72	11.84	ppb
Molybdenum	96-1	0.93	0.78	0.76	0.82	11.49	ppb
Molybdenum	97-1	0.72	0.63	0.60	0.65	10.01	ppb
Molybdenum	98-1	0.81	0.70	0.69	0.73	8.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.78	0.76	0.74	0.76	2.24	ppb
Phosphorus	31-2	12.89	9.38	3.37	8.55	56.38	ppb
Potassium	39-2	43.63	36.46	38.72	39.60	9.26	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	82-1	0.79	0.07	0.37	0.41	88.75	ppb
Selenium	77-2	1.46	0.85	0.40	0.90	58.79	ppb
Selenium	78-2	0.10	1.49	0.36	0.65	114.04	ppb
Silicon	28-1	2.24	1.32	1.33	1.63	32.56	ppb
Silver	107-1	0.66	0.69	0.73	0.69	5.16	ppb
Silver	109-1	0.67	0.71	0.70	0.69	2.96	ppb
Sodium	23-2	73.12	72.58	73.01	72.91	0.40	ppb
Strontium	86-1	0.79	0.65	0.50	0.64	23.06	ppb
Strontium	88-1	0.78	0.68	0.67	0.71	8.67	ppb
Sulfur	34-1	-16.21	-552.47	-529.00	-365.89		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.73	0.67	0.66	0.68	5.61	ppb
Thallium	205-1	0.72	0.64	0.61	0.66	8.52	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	N1645-10	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 16:08:29	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.61	0.58	0.59	0.59	2.92	ppb
Tin	118-1	0.69	0.65	0.62	0.65	5.57	ppb
Titanium	47-1	0.82	0.79	0.69	0.77	8.98	ppb
Uranium	238-1	0.64	0.59	0.60	0.61	4.48	ppb
Vanadium	51-2	0.76	0.75	0.72	0.74	2.83	ppb
Yttrium	89-1				106		%
Yttrium	89-2				108		%
Zinc	66-2	1.66	1.59	1.53	1.59	4.24	ppb
Zirconium	90-1	0.74	0.68	0.66	0.70	5.93	ppb
Zirconium	91-1	0.73	0.65	0.72	0.70	6.51	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	N1331-02	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-QT1-2022-	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 16:41:21	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.24	7.90	6.94	7.36	6.67	ppb
Antimony	121-1	0.79	0.84	0.81	0.81	3.06	ppb
Arsenic	75-2	0.45	0.39	0.44	0.42	7.63	ppb
Barium	135-1	3.83	3.84	3.83	3.83	0.21	ppb
Barium	137-1	4.03	4.10	3.79	3.97	4.05	ppb
Beryllium	9-1	0.41	0.42	0.41	0.42	2.02	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	10-1	5.31	5.94	5.02	5.42	8.74	ppb
Boron	11-1	4.92	5.53	5.52	5.32	6.56	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.40	0.44	0.39	0.41	6.89	ppb
Cadmium	106-1	-6.17	-5.22	-5.30	-5.56		ppb
Cadmium	108-1	0.36	0.32	0.18	0.29	32.73	ppb
Calcium	43-1	201.08	203.01	201.62	201.90	0.49	ppb
Calcium	44-1	204.20	199.58	199.66	201.15	1.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.89	0.90	0.87	0.89	1.62	ppb
Cobalt	59-2	0.40	0.40	0.43	0.41	4.57	ppb
Copper	63-2	0.83	0.79	0.80	0.81	2.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				108		%
Iron	56-2	80.03	78.95	79.71	79.56	0.70	ppb
Iron	57-2	78.85	77.54	76.38	77.59	1.60	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	N1331-02	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-QT1-2022-	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 16:41:21	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	81.95	83.75	79.85	81.85	2.39	ppb
Krypton	83-1						cps
Lead	206-1	0.34	0.35	0.33	0.34	2.04	ppb
Lead	207-1	0.34	0.36	0.32	0.34	5.88	ppb
Lead	208-1	0.35	0.35	0.34	0.34	2.05	ppb
Lithium	6-1				102		%
Magnesium	24-2	198.98	195.93	198.93	197.95	0.88	ppb
Manganese	55-2	0.44	0.36	0.37	0.39	10.06	ppb
Molybdenum	94-1	2.33	2.22	2.22	2.25	2.90	ppb
Molybdenum	95-1	2.10	2.01	1.95	2.02	3.60	ppb
Molybdenum	96-1	2.04	1.96	1.94	1.98	2.72	ppb
Molybdenum	97-1	1.92	1.91	1.86	1.90	1.78	ppb
Molybdenum	98-1	2.00	1.88	2.00	1.96	3.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.46	0.42	0.43	0.43	5.35	ppb
Phosphorus	31-2	3.19	0.74	-3.67	0.09	3927.64	ppb
Potassium	39-2	206.74	201.83	198.95	202.51	1.94	ppb
Rhodium	103-1				106		%
Rhodium	103-2				108		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	82-1	2.40	2.24	3.48	2.70	24.91	ppb
Selenium	77-2	2.96	2.22	1.45	2.21	34.22	ppb
Selenium	78-2	2.69	3.39	2.37	2.82	18.50	ppb
Silicon	28-1	2.68	2.27	2.18	2.38	11.28	ppb
Silver	107-1	0.32	0.38	0.36	0.35	8.49	ppb
Silver	109-1	0.30	0.32	0.33	0.32	5.03	ppb
Sodium	23-2	191.64	188.52	186.43	188.86	1.39	ppb
Strontium	86-1	0.40	0.37	0.20	0.32	33.91	ppb
Strontium	88-1	0.40	0.40	0.37	0.39	4.82	ppb
Sulfur	34-1	-68.90	-342.02	-352.50	-254.47		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.37	0.35	0.33	0.35	6.75	ppb
Thallium	205-1	0.38	0.33	0.34	0.35	7.21	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	N1331-02	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-QT1-2022-	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 16:41:21	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.31	0.31	0.31	0.31	0.85	ppb
Tin	118-1	2.01	2.07	2.00	2.02	1.85	ppb
Titanium	47-1	2.11	1.93	1.96	2.00	4.82	ppb
Uranium	238-1	0.30	0.31	0.30	0.30	0.11	ppb
Vanadium	51-2	1.97	1.98	2.01	1.99	1.14	ppb
Yttrium	89-1				106		%
Yttrium	89-2				108		%
Zinc	66-2	0.62	0.80	0.75	0.72	13.16	ppb
Zirconium	90-1	0.38	0.37	0.37	0.38	1.26	ppb
Zirconium	91-1	0.36	0.35	0.32	0.34	5.73	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	N1331-04	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-QT1-2022-02	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 16:44:14	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.68	7.97	7.58	7.74	2.65	ppb
Antimony	121-1	0.75	0.76	0.79	0.77	2.26	ppb
Arsenic	75-2	0.41	0.46	0.46	0.44	5.83	ppb
Barium	135-1	3.94	3.86	3.86	3.89	1.25	ppb
Barium	137-1	3.95	3.84	3.97	3.92	1.83	ppb
Beryllium	9-1	0.43	0.39	0.37	0.40	6.53	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Boron	10-1	5.87	5.91	5.51	5.76	3.83	ppb
Boron	11-1	5.46	5.62	5.45	5.51	1.73	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.45	0.43	0.42	0.43	2.98	ppb
Cadmium	106-1	-4.65	-4.90	-4.41	-4.65		ppb
Cadmium	108-1	0.44	0.24	0.15	0.27	54.70	ppb
Calcium	43-1	211.22	207.54	192.83	203.86	4.77	ppb
Calcium	44-1	201.04	198.65	199.22	199.64	0.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.99	0.95	0.90	0.95	4.66	ppb
Cobalt	59-2	0.41	0.41	0.42	0.42	1.21	ppb
Copper	63-2	0.81	0.81	0.80	0.81	0.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				107		%
Iron	56-2	79.53	78.78	78.83	79.04	0.53	ppb
Iron	57-2	78.25	81.39	80.75	80.13	2.07	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	N1331-04	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-QT1-2022-02	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 16:44:14	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	82.59	82.46	81.60	82.22	0.65	ppb
Krypton	83-1						cps
Lead	206-1	0.31	0.39	0.36	0.35	10.39	ppb
Lead	207-1	0.34	0.34	0.32	0.33	4.10	ppb
Lead	208-1	0.34	0.36	0.36	0.36	2.76	ppb
Lithium	6-1				101		%
Magnesium	24-2	199.36	195.82	196.92	197.37	0.92	ppb
Manganese	55-2	0.39	0.37	0.39	0.38	4.27	ppb
Molybdenum	94-1	2.29	2.25	2.26	2.27	0.79	ppb
Molybdenum	95-1	1.94	1.94	1.98	1.95	1.26	ppb
Molybdenum	96-1	1.95	2.01	2.07	2.01	3.14	ppb
Molybdenum	97-1	1.98	1.92	1.92	1.94	1.80	ppb
Molybdenum	98-1	1.89	1.98	2.04	1.97	3.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.38	0.36	0.40	0.38	5.66	ppb
Phosphorus	31-2	-0.87	2.84	1.99	1.32	146.84	ppb
Potassium	39-2	207.22	199.02	197.49	201.24	2.60	ppb
Rhodium	103-1				106		%
Rhodium	103-2				107		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	2.43	2.28	3.44	2.72	23.20	ppb
Selenium	77-2	2.37	1.47	3.58	2.47	42.87	ppb
Selenium	78-2	3.09	2.25	2.97	2.77	16.26	ppb
Silicon	28-1	2.66	2.35	2.46	2.49	6.46	ppb
Silver	107-1	0.34	0.37	0.41	0.38	9.03	ppb
Silver	109-1	0.35	0.37	0.36	0.36	3.36	ppb
Sodium	23-2	192.60	185.50	186.44	188.18	2.05	ppb
Strontium	86-1	0.42	0.36	0.34	0.37	11.24	ppb
Strontium	88-1	0.39	0.37	0.38	0.38	2.21	ppb
Sulfur	34-1	-88.71	-191.27	-135.17	-138.39		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.38	0.37	0.32	0.36	7.65	ppb
Thallium	205-1	0.34	0.35	0.37	0.35	4.37	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	N1331-04	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-QT1-2022-02	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 16:44:14	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.31	0.32	0.32	0.32	1.64	ppb
Tin	118-1	2.06	1.96	2.00	2.01	2.57	ppb
Titanium	47-1	1.89	2.07	1.80	1.92	7.09	ppb
Uranium	238-1	0.31	0.30	0.31	0.31	1.72	ppb
Vanadium	51-2	1.99	1.98	2.00	1.99	0.29	ppb
Yttrium	89-1				105		%
Yttrium	89-2				107		%
Zinc	66-2	0.72	0.69	0.78	0.73	6.20	ppb
Zirconium	90-1	0.38	0.36	0.38	0.37	3.23	ppb
Zirconium	91-1	0.37	0.36	0.37	0.37	2.38	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PBW EPA	Instrumnet Name :	P7
Client Sample ID :	PBW EPA	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:01:03	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.23	-0.16	-0.08	-0.15		ppb
Antimony	121-1	0.00	0.00	0.00	0.00	137.73	ppb
Arsenic	75-2	-0.01	0.01	-0.01	0.00		ppb
Barium	135-1	0.00	-0.01	-0.01	-0.01		ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.00	0.00	-0.01	0.00		ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Boron	10-1	-0.18	-0.04	-0.27	-0.16		ppb
Boron	11-1	-0.10	-0.14	-0.13	-0.12		ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.03	-0.03	-0.04	-0.03		ppb
Cadmium	106-1	-5.29	-5.16	-5.12	-5.19		ppb
Cadmium	108-1	-0.10	-0.08	-0.03	-0.07		ppb
Calcium	43-1	2.24	1.30	0.70	1.41	55.24	ppb
Calcium	44-1	-1.92	-2.43	-1.75	-2.04		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.11	0.14	0.13	0.13	13.65	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	-0.03	-0.04	-0.04	-0.04		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				107		%
Iron	56-2	0.19	0.19	0.11	0.16	27.22	ppb
Iron	57-2	-0.59	0.09	0.04	-0.16		ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PBW EPA	Instrumnet Name :	P7
Client Sample ID :	PBW EPA	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:01:03	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.00	0.30	0.16	0.15	97.69	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.00	-0.01	0.00	868.69	ppb
Lead	207-1	0.00	0.00	0.00	0.00		ppb
Lead	208-1	0.00	0.00	0.00	0.00		ppb
Lithium	6-1				102		%
Magnesium	24-2	-0.08	0.04	-0.21	-0.08		ppb
Manganese	55-2	-0.02	-0.02	-0.01	-0.02		ppb
Molybdenum	94-1	0.01	-0.01	-0.02	0.00		ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	298.97	ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	24.56	ppb
Molybdenum	97-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	98-1	0.00	-0.02	0.00	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	0.01	0.01	42.65	ppb
Phosphorus	31-2	-10.58	-11.07	-7.08	-9.58		ppb
Potassium	39-2	1.15	1.84	0.69	1.23	47.34	ppb
Rhodium	103-1				106		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	82-1	0.20	0.59	0.25	0.34	61.17	ppb
Selenium	77-2	0.25	-0.05	-0.05	0.05	381.79	ppb
Selenium	78-2	-0.48	0.92	0.10	0.18	394.93	ppb
Silicon	28-1	2.26	2.21	2.07	2.18	4.53	ppb
Silver	107-1	0.02	0.02	0.01	0.02	13.01	ppb
Silver	109-1	0.01	0.01	0.02	0.01	21.03	ppb
Sodium	23-2	-3.80	-3.44	-3.78	-3.67		ppb
Strontium	86-1	-0.09	-0.23	-0.15	-0.16		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-82.86	-168.78	-180.89	-144.18		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.03	-0.02	-0.02	-0.02		ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PBW EPA	Instrumnet Name :	P7
Client Sample ID :	PBW EPA	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:01:03	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.07	-0.08	-0.10	-0.09		ppb
Titanium	47-1	0.01	0.04	0.03	0.03	57.51	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	317.11	ppb
Yttrium	89-1				105		%
Yttrium	89-2				107		%
Zinc	66-2	-0.18	-0.15	-0.20	-0.18		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	-0.03	-0.01	-0.03	-0.02		ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P7
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:03:56	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51608.46	51588.81	50472.93	51223.40	1.27	ppb
Antimony	121-1	536.96	527.76	538.65	534.46	1.10	ppb
Arsenic	75-2	476.34	475.58	488.48	480.13	1.51	ppb
Barium	135-1	2579.57	2526.77	2527.37	2544.57	1.19	ppb
Barium	137-1	2559.20	2537.29	2512.02	2536.17	0.93	ppb
Beryllium	9-1	505.76	504.30	510.21	506.75	0.61	ppb
Bismuth	209-1				96		%
Bismuth	209-2				94		%
Boron	10-1	475.97	492.58	487.30	485.28	1.75	ppb
Boron	11-1	476.97	499.76	493.88	490.20	2.41	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	505.57	494.84	497.04	499.15	1.14	ppb
Cadmium	106-1	506.41	497.04	508.79	504.08	1.23	ppb
Cadmium	108-1	514.17	502.92	512.36	509.82	1.18	ppb
Calcium	43-1	235614.50	235900.96	237391.12	236302.19	0.40	ppb
Calcium	44-1	235927.13	233480.25	236214.03	235207.14	0.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	509.10	507.62	496.36	504.36	1.38	ppb
Cobalt	59-2	493.77	505.53	493.27	497.52	1.39	ppb
Copper	63-2	5085.79	5080.51	5054.05	5073.45	0.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	121815.96	119633.73	119286.25	120245.31	1.14	ppb
Iron	57-2	120656.38	123590.87	120768.78	121672.01	1.37	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P7
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:03:56	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	123057.06	122218.31	122587.88	122621.08	0.34	ppb
Krypton	83-1						cps
Lead	206-1	2588.51	2568.74	2601.04	2586.10	0.63	ppb
Lead	207-1	2581.75	2566.32	2560.03	2569.37	0.43	ppb
Lead	208-1	2588.68	2581.96	2561.89	2577.51	0.54	ppb
Lithium	6-1				95		%
Magnesium	24-2	248980.32	251260.00	243913.32	248051.22	1.52	ppb
Manganese	55-2	4916.95	4923.70	4895.66	4912.11	0.30	ppb
Molybdenum	94-1	5055.31	5172.23	5031.93	5086.49	1.48	ppb
Molybdenum	95-1	5123.04	5212.95	5044.48	5126.82	1.64	ppb
Molybdenum	96-1	5098.49	5166.10	4987.87	5084.16	1.77	ppb
Molybdenum	97-1	5060.82	5084.74	4940.66	5028.74	1.54	ppb
Molybdenum	98-1	5086.87	5065.36	5040.01	5064.08	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.32	506.10	499.20	501.54	0.79	ppb
Phosphorus	31-2	10175.73	10174.12	10038.20	10129.35	0.78	ppb
Potassium	39-2	121169.00	120670.67	118556.35	120132.01	1.15	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	507.43	514.74	496.57	506.25	1.81	ppb
Selenium	77-2	513.02	496.57	498.95	502.85	1.77	ppb
Selenium	78-2	506.25	494.91	510.48	503.88	1.60	ppb
Silicon	28-1	501.70	508.07	498.74	502.84	0.95	ppb
Silver	107-1	520.57	511.43	510.77	514.26	1.07	ppb
Silver	109-1	517.52	507.71	513.32	512.85	0.96	ppb
Sodium	23-2	247106.42	245391.06	243129.22	245208.90	0.81	ppb
Strontium	86-1	508.29	510.62	504.14	507.68	0.65	ppb
Strontium	88-1	510.10	507.00	499.60	505.57	1.07	ppb
Sulfur	34-1	9556.82	9394.26	9395.69	9448.92	0.99	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	523.50	514.61	515.74	517.95	0.93	ppb
Thallium	205-1	528.44	517.27	524.22	523.31	1.08	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P7
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:03:56	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	519.28	518.44	511.91	516.54	0.78	ppb
Tin	118-1	512.95	506.72	504.67	508.11	0.85	ppb
Titanium	47-1	5020.81	4997.23	4971.36	4996.47	0.49	ppb
Uranium	238-1	506.15	511.19	501.20	506.18	0.99	ppb
Vanadium	51-2	521.43	514.57	501.62	512.54	1.96	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	5053.24	5091.50	5056.12	5066.95	0.42	ppb
Zirconium	90-1	504.86	506.96	505.02	505.61	0.23	ppb
Zirconium	91-1	506.81	522.77	510.34	513.31	1.63	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P7
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:09:29	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.07	1.00	1.08	1.05	4.02	ppb
Antimony	121-1	0.13	0.16	0.15	0.15	7.89	ppb
Arsenic	75-2	0.00	0.00	0.01	0.00	50.47	ppb
Barium	135-1	0.05	0.06	0.08	0.06	25.50	ppb
Barium	137-1	0.05	0.04	0.04	0.05	15.50	ppb
Beryllium	9-1	0.03	0.00	0.01	0.01	108.43	ppb
Bismuth	209-1				106		%
Bismuth	209-2				108		%
Boron	10-1	2.46	2.21	2.26	2.31	5.82	ppb
Boron	11-1	2.81	2.80	2.61	2.74	4.20	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.01	-0.03	0.01	-0.01		ppb
Cadmium	106-1	-5.73	-6.51	-4.21	-5.48		ppb
Cadmium	108-1	-0.06	-0.10	-0.12	-0.09		ppb
Calcium	43-1	6.35	4.32	4.10	4.92	25.16	ppb
Calcium	44-1	4.85	3.83	4.76	4.48	12.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.02	-0.02	0.00	2104.87	ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	68.86	ppb
Copper	63-2	0.09	0.10	0.10	0.09	4.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				109		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	56-2	2.76	2.60	2.86	2.74	4.83	ppb
Iron	57-2	2.40	2.27	2.27	2.31	3.18	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P7
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:09:29	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2.46	2.27	4.24	2.99	36.44	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.09	0.08	0.08	6.74	ppb
Lead	207-1	0.10	0.08	0.09	0.09	10.36	ppb
Lead	208-1	0.09	0.09	0.09	0.09	3.10	ppb
Lithium	6-1				100		%
Magnesium	24-2	5.53	5.36	5.31	5.40	2.15	ppb
Manganese	55-2	0.08	0.11	0.12	0.11	19.63	ppb
Molybdenum	94-1	0.14	0.16	0.10	0.13	25.90	ppb
Molybdenum	95-1	0.21	0.17	0.10	0.16	35.38	ppb
Molybdenum	96-1	0.18	0.16	0.13	0.16	13.51	ppb
Molybdenum	97-1	0.20	0.15	0.12	0.16	26.54	ppb
Molybdenum	98-1	0.18	0.15	0.16	0.16	8.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.02	0.01	0.01	170.68	ppb
Phosphorus	31-2	-12.52	-12.12	-13.06	-12.57		ppb
Potassium	39-2	7.51	5.29	4.71	5.84	25.35	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	-0.07	0.01	-1.88	-0.65		ppb
Selenium	77-2	-0.05	-0.05	-0.05	-0.05		ppb
Selenium	78-2	-1.07	0.44	0.12	-0.17		ppb
Silicon	28-1	2.32	2.19	2.19	2.23	3.26	ppb
Silver	107-1	0.05	0.04	0.04	0.04	3.08	ppb
Silver	109-1	0.04	0.04	0.04	0.04	7.75	ppb
Sodium	23-2	24.94	25.34	25.14	25.14	0.80	ppb
Strontium	86-1	-0.23	-0.10	-0.04	-0.12		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	20.96	ppb
Sulfur	34-1	-559.19	-614.25	-618.40	-597.28		ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	0.02	0.02	0.01	0.02	24.00	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	15.59	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P7
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:09:29	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	10.75	ppb
Tin	118-1	-0.12	-0.11	-0.12	-0.12		ppb
Titanium	47-1	0.12	0.06	0.06	0.08	45.77	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	26.75	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	37.61	ppb
Yttrium	89-1				102		%
Yttrium	89-2				104		%
Zinc	66-2	0.21	0.19	0.10	0.17	36.08	ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	30.55	ppb
Zirconium	91-1	0.00	0.00	0.02	0.01	180.90	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146265BL	Instrumnet Name :	P7
Client Sample ID :	PB146265BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:34:26	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.19	0.22	-0.03	0.13	104.24	ppb
Antimony	121-1	0.01	0.02	0.02	0.02	38.75	ppb
Arsenic	75-2	-0.01	0.00	0.00	0.00		ppb
Barium	135-1	-0.01	-0.02	0.00	-0.01		ppb
Barium	137-1	-0.01	0.00	-0.01	-0.01		ppb
Beryllium	9-1	0.00	-0.01	0.00	0.00		ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	10-1	-0.31	-0.33	-0.10	-0.25		ppb
Boron	11-1	0.00	-0.05	-0.03	-0.03		ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.03	-0.05	-0.04	-0.04		ppb
Cadmium	106-1	-5.37	-7.40	-6.17	-6.31		ppb
Cadmium	108-1	-0.10	-0.10	-0.12	-0.11		ppb
Calcium	43-1	3.79	2.08	4.53	3.47	36.31	ppb
Calcium	44-1	1.19	1.97	0.37	1.18	68.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.16	0.12	0.13	0.14	15.25	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	76.90	ppb
Copper	63-2	-0.02	-0.03	-0.03	-0.03		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	56-2	0.09	0.18	0.09	0.12	43.53	ppb
Iron	57-2	0.47	-0.70	0.35	0.04	1646.44	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146265BL	Instrumnet Name :	P7
Client Sample ID :	PB146265BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:34:26	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.43	0.40	1.10	0.64	61.79	ppb
Krypton	83-1						cps
Lead	206-1	0.01	-0.01	0.01	0.00	389.86	ppb
Lead	207-1	0.02	0.01	0.00	0.01	91.97	ppb
Lead	208-1	0.01	0.00	0.01	0.01	62.86	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.17	0.14	0.26	0.19	32.33	ppb
Manganese	55-2	-0.02	-0.01	-0.02	-0.01		ppb
Molybdenum	94-1	-0.02	-0.02	-0.03	-0.02		ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	0.01	0.01	0.00	0.00	167.86	ppb
Molybdenum	97-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	6685.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	0.02	0.01	107.09	ppb
Phosphorus	31-2	-7.82	-3.89	-7.01	-6.24		ppb
Potassium	39-2	0.54	1.19	0.61	0.78	46.26	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	82-1	0.18	-0.53	-0.71	-0.35		ppb
Selenium	77-2	-0.05	0.10	0.25	0.10	154.14	ppb
Selenium	78-2	-0.02	-0.08	-0.48	-0.19		ppb
Silicon	28-1	2.15	2.29	2.26	2.23	3.30	ppb
Silver	107-1	0.00	0.00	0.01	0.00	102.70	ppb
Silver	109-1	0.00	0.00	0.00	0.00	36.33	ppb
Sodium	23-2	-0.56	-0.45	-0.82	-0.61		ppb
Strontium	86-1	-0.16	0.04	-0.04	-0.05		ppb
Strontium	88-1	0.00	-0.01	0.00	0.00		ppb
Sulfur	34-1	-376.26	-336.20	-318.95	-343.80		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	-0.03	-0.03	-0.02	-0.03		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146265BL	Instrumnet Name :	P7
Client Sample ID :	PB146265BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:34:26	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	327.57	ppb
Tin	118-1	-0.06	-0.08	-0.08	-0.07		ppb
Titanium	47-1	0.01	0.01	-0.02	0.00	541.58	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	-0.18	-0.18	-0.16	-0.17		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	1717.48	ppb
Zirconium	91-1	-0.03	-0.01	0.00	-0.01		ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146265BS	Instrumnet Name :	P7
Client Sample ID :	PB146265BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:37:17	DataFile Name :	045LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.16	39.56	39.92	39.55	0.96	ppb
Antimony	121-1	3.63	3.71	3.78	3.71	2.06	ppb
Arsenic	75-2	1.99	2.07	2.05	2.04	1.97	ppb
Barium	135-1	17.80	18.37	18.55	18.24	2.16	ppb
Barium	137-1	17.97	18.37	18.55	18.30	1.63	ppb
Beryllium	9-1	1.87	1.85	1.89	1.87	1.20	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	26.26	25.34	27.46	26.35	4.03	ppb
Boron	11-1	25.90	27.47	27.94	27.10	3.95	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.85	2.04	2.02	1.97	5.39	ppb
Cadmium	106-1	-4.10	-3.64	-3.18	-3.64		ppb
Cadmium	108-1	1.57	1.79	2.01	1.79	12.40	ppb
Calcium	43-1	919.44	962.47	910.62	930.84	2.98	ppb
Calcium	44-1	921.23	951.81	920.65	931.23	1.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.97	3.98	4.12	4.02	2.01	ppb
Cobalt	59-2	2.04	2.04	2.11	2.06	1.95	ppb
Copper	63-2	3.83	3.90	3.96	3.89	1.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	56-2	389.20	388.98	389.36	389.18	0.05	ppb
Iron	57-2	386.69	385.18	390.44	387.44	0.70	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146265BS	Instrumnet Name :	P7
Client Sample ID :	PB146265BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:37:17	DataFile Name :	045LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	402.01	403.23	400.50	401.91	0.34	ppb
Krypton	83-1						cps
Lead	206-1	1.65	1.78	1.74	1.72	3.77	ppb
Lead	207-1	1.72	1.74	1.74	1.73	0.75	ppb
Lead	208-1	1.67	1.73	1.74	1.71	2.11	ppb
Lithium	6-1				100		%
Magnesium	24-2	958.10	958.92	957.17	958.06	0.09	ppb
Manganese	55-2	1.96	1.99	2.08	2.01	2.99	ppb
Molybdenum	94-1	5.20	5.03	5.22	5.15	2.09	ppb
Molybdenum	95-1	2.07	2.09	2.15	2.10	2.00	ppb
Molybdenum	96-1	2.45	2.42	2.43	2.43	0.74	ppb
Molybdenum	97-1	2.16	2.16	2.07	2.13	2.36	ppb
Molybdenum	98-1	2.00	2.13	2.05	2.06	3.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.08	2.13	2.15	2.12	1.88	ppb
Phosphorus	31-2	-2.39	-1.60	2.18	-0.60		ppb
Potassium	39-2	965.38	984.43	984.63	978.15	1.13	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	9.52	9.35	9.77	9.55	2.18	ppb
Selenium	77-2	12.78	9.76	9.86	10.80	15.91	ppb
Selenium	78-2	10.59	10.33	10.65	10.52	1.61	ppb
Silicon	28-1	4.49	4.68	4.39	4.52	3.20	ppb
Silver	107-1	1.65	1.85	1.88	1.79	7.14	ppb
Silver	109-1	1.53	1.85	1.88	1.75	10.97	ppb
Sodium	23-2	919.75	933.00	937.84	930.20	1.01	ppb
Strontium	86-1	1.85	1.88	2.07	1.93	6.27	ppb
Strontium	88-1	1.92	1.92	1.90	1.91	0.60	ppb
Sulfur	34-1	-292.12	-211.49	-461.39	-321.67		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	1.65	1.67	1.77	1.70	3.56	ppb
Thallium	205-1	1.73	1.73	1.75	1.73	0.70	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146265BS	Instrumnet Name :	P7
Client Sample ID :	PB146265BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:37:17	DataFile Name :	045LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	1.54	1.54	1.55	1.54	0.49	ppb
Tin	118-1	-0.10	-0.09	-0.10	-0.10		ppb
Titanium	47-1	9.11	9.42	8.98	9.17	2.45	ppb
Uranium	238-1	1.47	1.45	1.51	1.48	1.97	ppb
Vanadium	51-2	9.42	9.63	9.56	9.54	1.13	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	9.49	9.48	9.89	9.62	2.43	ppb
Zirconium	90-1	1.86	1.85	1.85	1.85	0.26	ppb
Zirconium	91-1	1.89	1.86	1.86	1.87	0.85	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146266BL	Instrumnet Name :	P7
Client Sample ID :	PB146266BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:40:11	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.06	-0.19	0.01	-0.04		ppb
Antimony	121-1	0.00	0.00	0.02	0.01	85.25	ppb
Arsenic	75-2	-0.01	0.00	0.00	0.00		ppb
Barium	135-1	0.01	-0.01	0.00	0.00		ppb
Barium	137-1	0.00	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.01	-0.01	-0.01	0.00		ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	0.40	0.44	0.45	0.43	5.71	ppb
Boron	11-1	0.55	0.68	0.47	0.57	18.58	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.02	-0.04	-0.03	-0.03		ppb
Cadmium	106-1	-3.38	-6.75	-4.91	-5.01		ppb
Cadmium	108-1	-0.06	-0.08	-0.22	-0.12		ppb
Calcium	43-1	4.56	0.05	1.42	2.01	115.22	ppb
Calcium	44-1	-0.65	1.09	1.42	0.62	179.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.12	0.12	0.11	0.11	6.52	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	1236.72	ppb
Copper	63-2	-0.03	-0.05	-0.04	-0.04		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				106		%
Iron	56-2	0.03	0.05	-0.09	0.00		ppb
Iron	57-2	-0.42	-0.14	-0.44	-0.34		ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146266BL	Instrumnet Name :	P7
Client Sample ID :	PB146266BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:40:11	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-0.24	-0.34	0.65	0.02	2626.74	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.02	0.01	196.21	ppb
Lead	207-1	0.02	0.01	0.00	0.01	119.98	ppb
Lead	208-1	0.01	0.01	0.01	0.01	7.31	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.05	0.00	0.00	0.02	181.92	ppb
Manganese	55-2	-0.03	-0.04	-0.02	-0.03		ppb
Molybdenum	94-1	-0.01	-0.04	-0.04	-0.03		ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	0.01	0.00	0.00	0.00	233.61	ppb
Molybdenum	97-1	0.01	-0.01	0.00	0.00		ppb
Molybdenum	98-1	0.00	-0.01	-0.01	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	0.01	0.01	15.25	ppb
Phosphorus	31-2	-12.70	-11.35	-10.23	-11.43		ppb
Potassium	39-2	0.01	2.26	0.55	0.94	125.02	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	-0.38	-0.37	-0.50	-0.41		ppb
Selenium	77-2	-0.05	-0.05	0.10	0.00		ppb
Selenium	78-2	-0.16	0.36	0.25	0.15	179.89	ppb
Silicon	28-1	2.18	2.49	2.78	2.48	12.09	ppb
Silver	107-1	0.03	0.03	0.03	0.03	13.39	ppb
Silver	109-1	0.03	0.03	0.03	0.03	10.61	ppb
Sodium	23-2	-1.25	-2.14	-1.83	-1.74		ppb
Strontium	86-1	-0.05	-0.16	-0.15	-0.12		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-396.45	-226.85	-86.63	-236.64		ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	-0.02	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.01	-0.02	-0.01		ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146266BL	Instrumnet Name :	P7
Client Sample ID :	PB146266BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:40:11	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.07	-0.06	-0.07	-0.07		ppb
Titanium	47-1	0.01	0.01	-0.01	0.00	860.67	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				104		%
Yttrium	89-2				105		%
Zinc	66-2	-0.14	-0.04	-0.13	-0.10		ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	87.57	ppb
Zirconium	91-1	-0.01	-0.02	-0.01	-0.01		ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146270BL	Instrumnet Name :	P7
Client Sample ID :	PB146270BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:45:57	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.09	0.04	-0.03	-0.03		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	16.82	ppb
Arsenic	75-2	0.00	-0.01	0.01	0.00		ppb
Barium	135-1	0.01	0.00	-0.01	0.00	653.05	ppb
Barium	137-1	-0.01	-0.02	0.00	-0.01		ppb
Beryllium	9-1	0.00	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Boron	10-1	0.69	0.48	0.46	0.54	23.15	ppb
Boron	11-1	0.74	0.63	0.46	0.61	23.59	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.03	-0.04	-0.03	-0.03		ppb
Cadmium	106-1	-5.70	-5.49	-6.17	-5.78		ppb
Cadmium	108-1	-0.22	-0.09	-0.17	-0.16		ppb
Calcium	43-1	3.47	4.54	2.19	3.40	34.70	ppb
Calcium	44-1	1.20	0.27	-0.10	0.46	146.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.13	0.10	0.12	0.12	10.32	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	266.35	ppb
Copper	63-2	-0.03	-0.04	-0.03	-0.03		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	56-2	0.01	0.02	-0.05	-0.01		ppb
Iron	57-2	0.29	0.65	-0.15	0.27	149.87	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146270BL	Instrumnet Name :	P7
Client Sample ID :	PB146270BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:45:57	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-0.11	0.97	0.34	0.40	134.37	ppb
Krypton	83-1						cps
Lead	206-1	0.01	-0.01	0.00	0.00	503.10	ppb
Lead	207-1	0.01	0.00	0.01	0.01	41.19	ppb
Lead	208-1	0.01	0.00	0.01	0.01	89.14	ppb
Lithium	6-1				102		%
Magnesium	24-2	-0.15	-0.08	-0.09	-0.11		ppb
Manganese	55-2	-0.03	-0.03	-0.02	-0.03		ppb
Molybdenum	94-1	0.02	0.01	-0.02	0.01	359.08	ppb
Molybdenum	95-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	34.92	ppb
Molybdenum	97-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.02	0.01	0.00	19737.40	ppb
Phosphorus	31-2	-12.03	-12.40	-6.26	-10.23		ppb
Potassium	39-2	1.06	0.72	-0.15	0.55	114.20	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	-1.17	-0.58	-0.13	-0.63		ppb
Selenium	77-2	-0.05	-0.05	0.10	0.00		ppb
Selenium	78-2	0.15	0.00	0.28	0.15	96.87	ppb
Silicon	28-1	2.57	2.55	2.38	2.50	4.30	ppb
Silver	107-1	0.03	0.03	0.03	0.03	3.99	ppb
Silver	109-1	0.03	0.04	0.02	0.03	21.23	ppb
Sodium	23-2	-2.59	-2.35	-1.72	-2.22		ppb
Strontium	86-1	-0.21	0.05	0.02	-0.05		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-363.48	-313.77	-335.77	-337.67		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	-0.01	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.01	-0.01	-0.01		ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146270BL	Instrumnet Name :	P7
Client Sample ID :	PB146270BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:45:57	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.06	-0.05	-0.08	-0.06		ppb
Titanium	47-1	0.00	0.02	0.03	0.01	116.15	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				105		%
Yttrium	89-2				106		%
Zinc	66-2	-0.16	-0.08	-0.13	-0.12		ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	222.91	ppb
Zirconium	91-1	-0.01	0.00	-0.01	-0.01		ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146266BS	Instrumnet Name :	P7
Client Sample ID :	PB146266BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:48:49	DataFile Name :	049LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.21	37.24	38.32	37.59	1.68	ppb
Antimony	121-1	3.54	3.76	3.66	3.65	2.95	ppb
Arsenic	75-2	2.05	1.98	1.94	1.99	2.85	ppb
Barium	135-1	17.70	18.40	18.21	18.11	2.00	ppb
Barium	137-1	17.62	18.19	17.78	17.86	1.65	ppb
Beryllium	9-1	1.84	1.81	1.97	1.88	4.57	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Boron	10-1	24.83	25.50	26.76	25.70	3.82	ppb
Boron	11-1	25.79	26.49	27.12	26.47	2.51	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.95	1.94	1.96	1.95	0.57	ppb
Cadmium	106-1	-3.17	-1.58	-3.43	-2.73		ppb
Cadmium	108-1	1.48	1.82	2.05	1.78	16.29	ppb
Calcium	43-1	891.89	907.24	932.20	910.44	2.23	ppb
Calcium	44-1	907.56	922.00	918.57	916.04	0.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.04	4.04	4.12	4.07	1.17	ppb
Cobalt	59-2	1.92	1.97	1.97	1.96	1.43	ppb
Copper	63-2	3.93	3.68	3.80	3.80	3.25	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				109		%
Holmium	165-2				109		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	56-2	375.86	378.72	374.61	376.40	0.56	ppb
Iron	57-2	372.92	375.76	369.61	372.76	0.83	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146266BS	Instrumnet Name :	P7
Client Sample ID :	PB146266BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:48:49	DataFile Name :	049LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	389.37	385.64	376.45	383.82	1.73	ppb
Krypton	83-1						cps
Lead	206-1	1.63	1.68	1.74	1.68	3.22	ppb
Lead	207-1	1.71	1.66	1.71	1.69	1.58	ppb
Lead	208-1	1.69	1.68	1.72	1.70	1.35	ppb
Lithium	6-1				102		%
Magnesium	24-2	925.28	919.00	909.76	918.01	0.85	ppb
Manganese	55-2	1.86	1.87	1.88	1.87	0.62	ppb
Molybdenum	94-1	4.99	5.13	4.88	5.00	2.48	ppb
Molybdenum	95-1	2.07	2.12	2.13	2.10	1.55	ppb
Molybdenum	96-1	2.39	2.42	2.43	2.41	0.80	ppb
Molybdenum	97-1	2.01	2.04	2.12	2.06	2.56	ppb
Molybdenum	98-1	1.97	2.14	2.07	2.06	4.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.07	2.02	2.07	2.05	1.22	ppb
Phosphorus	31-2	-1.64	-1.37	4.69	0.56	636.69	ppb
Potassium	39-2	938.70	930.59	934.07	934.45	0.44	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	82-1	8.64	9.50	8.77	8.97	5.14	ppb
Selenium	77-2	8.56	6.59	8.19	7.78	13.45	ppb
Selenium	78-2	10.07	9.21	10.50	9.93	6.64	ppb
Silicon	28-1	4.46	4.75	4.72	4.64	3.45	ppb
Silver	107-1	1.64	1.80	1.85	1.76	6.50	ppb
Silver	109-1	1.55	1.81	1.91	1.76	10.50	ppb
Sodium	23-2	897.34	897.51	887.05	893.96	0.67	ppb
Strontium	86-1	1.75	1.90	1.73	1.79	5.44	ppb
Strontium	88-1	1.87	1.89	1.94	1.90	1.86	ppb
Sulfur	34-1	-360.07	-238.66	-337.10	-311.94		ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	1.73	1.70	1.70	1.71	1.06	ppb
Thallium	205-1	1.75	1.68	1.74	1.72	2.11	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146266BS	Instrumnet Name :	P7
Client Sample ID :	PB146266BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:48:49	DataFile Name :	049LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	1.50	1.52	1.52	1.52	0.74	ppb
Tin	118-1	-0.03	-0.02	-0.03	-0.03		ppb
Titanium	47-1	8.66	9.54	8.85	9.02	5.13	ppb
Uranium	238-1	1.48	1.45	1.46	1.46	1.05	ppb
Vanadium	51-2	9.39	9.16	9.16	9.24	1.44	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	10.25	9.86	9.69	9.93	2.88	ppb
Zirconium	90-1	1.79	1.79	1.82	1.80	0.98	ppb
Zirconium	91-1	1.82	1.84	1.83	1.83	0.66	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146270BS	Instrumnet Name :	P7
Client Sample ID :	PB146270BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:51:43	DataFile Name :	050LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9722.79	9966.14	9857.90	9848.94	1.24	ppb
Antimony	121-1	496.41	502.71	507.95	502.36	1.15	ppb
Arsenic	75-2	493.70	491.29	494.57	493.19	0.35	ppb
Barium	135-1	2482.50	2494.61	2536.11	2504.41	1.12	ppb
Barium	137-1	2451.35	2511.78	2518.13	2493.75	1.48	ppb
Beryllium	9-1	484.24	476.38	484.60	481.74	0.96	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	482.89	497.33	493.42	491.21	1.52	ppb
Boron	11-1	487.36	499.92	495.05	494.11	1.28	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	491.36	490.92	502.82	495.03	1.36	ppb
Cadmium	106-1	496.16	500.08	503.02	499.75	0.69	ppb
Cadmium	108-1	502.38	505.02	508.30	505.23	0.59	ppb
Calcium	43-1	47648.98	46810.43	48720.48	47726.63	2.01	ppb
Calcium	44-1	47153.24	47376.26	47868.64	47466.05	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	498.78	503.91	508.72	503.80	0.99	ppb
Cobalt	59-2	505.91	509.81	499.52	505.08	1.03	ppb
Copper	63-2	5078.94	5070.77	5040.85	5063.52	0.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	25094.58	25439.62	24586.34	25040.18	1.71	ppb
Iron	57-2	24544.46	24885.90	24588.94	24673.10	0.75	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146270BS	Instrumnet Name :	P7
Client Sample ID :	PB146270BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:51:43	DataFile Name :	050LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	25399.70	25798.78	25558.23	25585.57	0.79	ppb
Krypton	83-1						cps
Lead	206-1	2471.57	2499.46	2460.54	2477.19	0.81	ppb
Lead	207-1	2438.45	2468.42	2428.77	2445.21	0.85	ppb
Lead	208-1	2445.27	2480.66	2430.97	2452.30	1.04	ppb
Lithium	6-1				101		%
Magnesium	24-2	50866.16	50750.34	50841.75	50819.41	0.12	ppb
Manganese	55-2	4929.05	4991.18	4886.95	4935.73	1.06	ppb
Molybdenum	94-1	4940.64	4955.26	5023.13	4973.01	0.89	ppb
Molybdenum	95-1	4977.74	4957.38	4992.69	4975.94	0.36	ppb
Molybdenum	96-1	4972.49	4982.03	4981.41	4978.64	0.11	ppb
Molybdenum	97-1	4979.10	4955.95	4958.75	4964.60	0.25	ppb
Molybdenum	98-1	4896.93	4911.69	4942.67	4917.10	0.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	488.00	494.93	483.63	488.85	1.16	ppb
Phosphorus	31-2	9934.90	10137.05	10058.55	10043.50	1.01	ppb
Potassium	39-2	24296.49	24907.54	24138.11	24447.38	1.66	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				99		%
Selenium	82-1	491.00	493.07	494.99	493.02	0.41	ppb
Selenium	77-2	497.46	490.98	505.95	498.13	1.51	ppb
Selenium	78-2	491.24	494.73	499.24	495.07	0.81	ppb
Silicon	28-1	541.34	526.45	535.45	534.41	1.40	ppb
Silver	107-1	510.78	515.10	519.61	515.16	0.86	ppb
Silver	109-1	508.89	515.65	517.55	514.03	0.89	ppb
Sodium	23-2	49320.18	50492.90	50508.61	50107.23	1.36	ppb
Strontium	86-1	497.64	500.84	497.92	498.80	0.36	ppb
Strontium	88-1	493.55	490.96	494.49	493.00	0.37	ppb
Sulfur	34-1	9376.07	9086.61	9231.73	9231.47	1.57	ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	498.28	508.75	491.88	499.64	1.70	ppb
Thallium	205-1	499.90	505.62	494.16	499.90	1.15	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146270BS	Instrumnet Name :	P7
Client Sample ID :	PB146270BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:51:43	DataFile Name :	050LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	473.25	469.53	470.70	471.16	0.40	ppb
Tin	118-1	502.43	510.11	505.66	506.07	0.76	ppb
Titanium	47-1	4864.57	4909.86	4887.07	4887.17	0.46	ppb
Uranium	238-1	460.34	453.68	456.14	456.72	0.74	ppb
Vanadium	51-2	507.85	508.80	505.90	507.52	0.29	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	5097.32	5056.60	4994.32	5049.41	1.03	ppb
Zirconium	90-1	489.73	496.60	496.26	494.20	0.78	ppb
Zirconium	91-1	493.98	493.88	496.22	494.69	0.27	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146269BL	Instrumnet Name :	P7
Client Sample ID :	PB146269BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:54:18	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.28	0.14	0.19	0.20	35.43	ppb
Antimony	121-1	0.31	0.30	0.31	0.30	2.50	ppb
Arsenic	75-2	0.02	0.02	0.02	0.02	20.58	ppb
Barium	135-1	0.32	0.19	0.20	0.23	30.77	ppb
Barium	137-1	0.30	0.17	0.15	0.21	38.37	ppb
Beryllium	9-1	0.05	0.04	0.05	0.04	14.71	ppb
Bismuth	209-1				102		%
Bismuth	209-2				105		%
Boron	10-1	12.42	11.06	9.26	10.91	14.56	ppb
Boron	11-1	12.24	10.84	8.49	10.52	18.00	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.05	0.00	0.00	0.02	184.47	ppb
Cadmium	106-1	-5.06	-7.27	-6.46	-6.26		ppb
Cadmium	108-1	-0.18	-0.08	-0.07	-0.11		ppb
Calcium	43-1	7.93	6.53	6.09	6.85	14.02	ppb
Calcium	44-1	11.50	9.73	5.41	8.88	35.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.17	0.15	0.13	0.15	11.62	ppb
Cobalt	59-2	0.01	0.02	0.02	0.02	16.64	ppb
Copper	63-2	0.21	0.17	0.19	0.19	11.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				106		%
Indium	115-1				99		%
Indium	115-2				104		%
Iron	56-2	1.07	0.79	0.80	0.89	18.21	ppb
Iron	57-2	0.88	0.02	0.48	0.46	94.45	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146269BL	Instrumnet Name :	P7
Client Sample ID :	PB146269BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:54:18	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1.40	1.59	1.59	1.53	7.11	ppb
Krypton	83-1						cps
Lead	206-1	0.36	0.24	0.19	0.26	32.65	ppb
Lead	207-1	0.30	0.25	0.21	0.25	18.90	ppb
Lead	208-1	0.34	0.23	0.20	0.26	27.82	ppb
Lithium	6-1				93		%
Magnesium	24-2	2.33	1.78	1.80	1.97	15.66	ppb
Manganese	55-2	0.17	0.19	0.14	0.16	14.91	ppb
Molybdenum	94-1	0.75	0.47	0.39	0.54	35.48	ppb
Molybdenum	95-1	0.84	0.46	0.45	0.59	38.02	ppb
Molybdenum	96-1	0.76	0.52	0.49	0.59	25.51	ppb
Molybdenum	97-1	0.80	0.45	0.37	0.54	42.35	ppb
Molybdenum	98-1	0.77	0.44	0.43	0.55	34.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.02	0.03	0.03	33.84	ppb
Phosphorus	31-2	-15.97	-12.75	-13.28	-14.00		ppb
Potassium	39-2	0.87	-1.90	-1.77	-0.93		ppb
Rhodium	103-1				96		%
Rhodium	103-2				103		%
Scandium	45-1				94		%
Scandium	45-2				99		%
Selenium	82-1	0.77	-0.51	-0.30	-0.01		ppb
Selenium	77-2	0.10	0.10	0.11	0.10	1.45	ppb
Selenium	78-2	0.05	-0.56	-0.15	-0.22		ppb
Silicon	28-1	4.85	4.60	2.98	4.14	24.54	ppb
Silver	107-1	0.21	0.14	0.13	0.16	26.82	ppb
Silver	109-1	0.18	0.13	0.11	0.14	24.90	ppb
Sodium	23-2	5.64	4.59	4.72	4.98	11.53	ppb
Strontium	86-1	0.21	0.18	-0.05	0.11	124.05	ppb
Strontium	88-1	0.06	0.04	0.04	0.04	25.28	ppb
Sulfur	34-1	-302.70	-299.24	-884.37	-495.44		ppb
Terbium	159-1				101		%
Terbium	159-2				105		%
Thallium	203-1	0.10	0.07	0.05	0.07	36.71	ppb
Thallium	205-1	0.09	0.08	0.05	0.07	30.01	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146269BL	Instrumnet Name :	P7
Client Sample ID :	PB146269BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:54:18	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.06	0.03	0.04	0.04	36.88	ppb
Tin	118-1	0.03	0.00	-0.03	0.00		ppb
Titanium	47-1	0.67	0.41	0.32	0.47	38.77	ppb
Uranium	238-1	0.05	0.03	0.02	0.03	40.68	ppb
Vanadium	51-2	0.02	0.02	0.02	0.02	9.05	ppb
Yttrium	89-1				97		%
Yttrium	89-2				102		%
Zinc	66-2	0.15	0.01	0.16	0.11	75.20	ppb
Zirconium	90-1	0.07	0.03	0.03	0.04	54.16	ppb
Zirconium	91-1	0.05	0.03	0.04	0.04	21.23	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146269BS	Instrumnet Name :	P7
Client Sample ID :	PB146269BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:57:13	DataFile Name :	052LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9943.43	9838.34	9840.13	9873.97	0.61	ppb
Antimony	121-1	492.25	508.81	504.13	501.73	1.70	ppb
Arsenic	75-2	487.12	484.61	481.62	484.45	0.57	ppb
Barium	135-1	2477.05	2531.65	2541.46	2516.72	1.38	ppb
Barium	137-1	2453.46	2506.78	2512.79	2491.01	1.31	ppb
Beryllium	9-1	479.99	499.64	494.60	491.41	2.08	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	474.08	504.18	516.10	498.12	4.35	ppb
Boron	11-1	484.60	500.92	524.63	503.38	4.00	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	482.09	497.86	496.88	492.27	1.80	ppb
Cadmium	106-1	485.99	501.93	492.23	493.38	1.63	ppb
Cadmium	108-1	497.65	500.17	499.25	499.02	0.26	ppb
Calcium	43-1	47924.20	48983.83	48889.07	48599.03	1.21	ppb
Calcium	44-1	46659.21	48839.54	48079.28	47859.35	2.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	503.84	504.23	500.42	502.83	0.42	ppb
Cobalt	59-2	501.52	497.82	505.46	501.60	0.76	ppb
Copper	63-2	4990.79	5000.99	5066.35	5019.38	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				108		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	24864.74	24787.74	24980.63	24877.71	0.39	ppb
Iron	57-2	24890.44	24884.31	24674.66	24816.47	0.50	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146269BS	Instrumnet Name :	P7
Client Sample ID :	PB146269BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:57:13	DataFile Name :	052LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	25652.80	25495.29	25418.53	25522.21	0.47	ppb
Krypton	83-1						cps
Lead	206-1	2407.15	2540.41	2481.70	2476.42	2.70	ppb
Lead	207-1	2380.30	2534.24	2450.60	2455.05	3.14	ppb
Lead	208-1	2403.83	2525.28	2468.43	2465.85	2.46	ppb
Lithium	6-1				98		%
Magnesium	24-2	50777.21	50624.73	50429.84	50610.59	0.34	ppb
Manganese	55-2	4955.81	4957.91	4922.70	4945.48	0.40	ppb
Molybdenum	94-1	4850.71	5067.79	4949.34	4955.95	2.19	ppb
Molybdenum	95-1	4885.51	5102.16	4964.31	4984.00	2.20	ppb
Molybdenum	96-1	4861.52	5068.74	4969.01	4966.42	2.09	ppb
Molybdenum	97-1	4843.11	5064.17	4960.92	4956.07	2.23	ppb
Molybdenum	98-1	4853.38	5067.17	4900.31	4940.29	2.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	481.04	485.26	488.62	484.97	0.78	ppb
Phosphorus	31-2	10103.49	9917.38	9739.45	9920.10	1.84	ppb
Potassium	39-2	24007.43	24365.54	23860.74	24077.90	1.08	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	478.35	505.22	496.88	493.48	2.79	ppb
Selenium	77-2	484.53	483.51	489.50	485.85	0.66	ppb
Selenium	78-2	495.55	485.76	480.67	487.33	1.55	ppb
Silicon	28-1	533.78	539.02	543.40	538.73	0.89	ppb
Silver	107-1	502.65	513.28	508.83	508.25	1.05	ppb
Silver	109-1	501.42	511.41	512.20	508.34	1.18	ppb
Sodium	23-2	50105.62	50405.00	50559.48	50356.70	0.46	ppb
Strontium	86-1	486.28	509.12	504.90	500.10	2.43	ppb
Strontium	88-1	484.57	514.35	493.98	497.64	3.06	ppb
Sulfur	34-1	8688.38	9088.58	9383.87	9053.61	3.86	ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	481.88	500.72	492.14	491.58	1.92	ppb
Thallium	205-1	484.42	508.72	497.68	496.94	2.45	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146269BS	Instrumnet Name :	P7
Client Sample ID :	PB146269BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:57:13	DataFile Name :	052LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	460.20	479.95	474.21	471.45	2.16	ppb
Tin	118-1	497.52	511.31	501.07	503.30	1.42	ppb
Titanium	47-1	4818.52	5062.11	4967.96	4949.53	2.48	ppb
Uranium	238-1	438.72	467.57	455.47	453.92	3.19	ppb
Vanadium	51-2	501.06	499.38	502.08	500.84	0.27	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	5024.08	4993.24	5091.91	5036.41	1.00	ppb
Zirconium	90-1	483.42	507.46	494.92	495.27	2.43	ppb
Zirconium	91-1	485.59	515.97	497.98	499.85	3.06	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146321BL	Instrumnet Name :	P7
Client Sample ID :	PB146321BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 18:03:07	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.17	0.30	0.21	0.23	29.22	ppb
Antimony	121-1	0.11	0.11	0.12	0.11	5.32	ppb
Arsenic	75-2	0.03	0.01	0.01	0.01	81.33	ppb
Barium	135-1	0.03	0.03	0.00	0.02	77.06	ppb
Barium	137-1	0.05	0.02	0.04	0.04	42.38	ppb
Beryllium	9-1	0.01	0.01	0.00	0.01	49.64	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	10-1	3.61	3.69	3.54	3.61	2.09	ppb
Boron	11-1	3.97	3.90	3.81	3.89	1.96	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.02	-0.02	-0.04	-0.03		ppb
Cadmium	106-1	-7.06	-6.24	-7.18	-6.83		ppb
Cadmium	108-1	-0.08	-0.07	-0.08	-0.08		ppb
Calcium	43-1	4.55	1.47	4.28	3.44	49.59	ppb
Calcium	44-1	4.19	4.74	3.66	4.20	12.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.14	0.14	0.12	0.13	6.16	ppb
Cobalt	59-2	0.01	0.00	0.00	0.01	66.49	ppb
Copper	63-2	0.06	0.04	0.05	0.05	18.44	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				106		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	0.24	0.28	0.23	0.25	10.14	ppb
Iron	57-2	0.01	0.03	0.77	0.27	160.37	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146321BL	Instrumnet Name :	P7
Client Sample ID :	PB146321BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 18:03:07	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.51	0.22	0.59	0.44	43.51	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.07	0.10	0.08	18.60	ppb
Lead	207-1	0.06	0.07	0.06	0.07	7.61	ppb
Lead	208-1	0.08	0.07	0.07	0.08	6.32	ppb
Lithium	6-1				97		%
Magnesium	24-2	0.88	0.68	0.67	0.74	15.96	ppb
Manganese	55-2	0.04	0.05	0.03	0.04	20.31	ppb
Molybdenum	94-1	0.11	0.07	0.07	0.08	24.53	ppb
Molybdenum	95-1	0.13	0.12	0.12	0.12	3.91	ppb
Molybdenum	96-1	0.14	0.10	0.09	0.11	24.63	ppb
Molybdenum	97-1	0.12	0.08	0.08	0.09	23.63	ppb
Molybdenum	98-1	0.13	0.10	0.11	0.11	10.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.02	0.02	0.02	20.41	ppb
Phosphorus	31-2	-12.76	-9.50	-11.68	-11.31		ppb
Potassium	39-2	0.06	-0.67	-3.88	-1.50		ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	-0.23	0.11	-0.52	-0.22		ppb
Selenium	77-2	-0.05	0.27	-0.05	0.05	351.75	ppb
Selenium	78-2	-0.20	-0.24	0.84	0.13	455.06	ppb
Silicon	28-1	2.55	2.72	2.70	2.66	3.59	ppb
Silver	107-1	0.04	0.03	0.03	0.04	8.22	ppb
Silver	109-1	0.04	0.03	0.03	0.03	21.03	ppb
Sodium	23-2	2.43	3.17	3.00	2.87	13.36	ppb
Strontium	86-1	-0.18	-0.01	-0.02	-0.07		ppb
Strontium	88-1	0.00	0.01	0.01	0.01	16.49	ppb
Sulfur	34-1	-1020.46	-967.77	-970.86	-986.36		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.03	0.02	0.03	0.03	25.14	ppb
Thallium	205-1	0.01	0.02	0.00	0.01	78.50	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146321BL	Instrumnet Name :	P7
Client Sample ID :	PB146321BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 18:03:07	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	3.98	ppb
Tin	118-1	-0.06	-0.05	-0.07	-0.06		ppb
Titanium	47-1	0.11	0.09	0.10	0.10	8.09	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	7.59	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	55.73	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	-0.07	-0.03	-0.01	-0.04		ppb
Zirconium	90-1	0.01	0.00	0.02	0.01	81.07	ppb
Zirconium	91-1	-0.03	0.00	-0.01	-0.01		ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146321BS	Instrumnet Name :	P7
Client Sample ID :	PB146321BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 18:06:00	DataFile Name :	054DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9839.51	9849.38	9781.50	9823.47	0.37	ppb
Antimony	121-1	493.62	502.82	496.56	497.67	0.94	ppb
Arsenic	75-2	492.33	497.46	482.52	490.77	1.55	ppb
Barium	135-1	2460.90	2480.33	2507.22	2482.82	0.94	ppb
Barium	137-1	2438.43	2490.68	2502.20	2477.10	1.37	ppb
Beryllium	9-1	461.03	473.47	475.97	470.16	1.70	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	463.07	485.22	499.00	482.43	3.76	ppb
Boron	11-1	480.03	503.57	508.22	497.27	3.04	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	482.42	487.44	490.99	486.95	0.88	ppb
Cadmium	106-1	484.54	496.25	486.46	489.08	1.28	ppb
Cadmium	108-1	486.35	496.63	497.03	493.34	1.23	ppb
Calcium	43-1	47838.38	47583.37	48308.93	47910.23	0.77	ppb
Calcium	44-1	47559.93	48452.56	47819.10	47943.86	0.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	501.53	511.80	508.49	507.28	1.03	ppb
Cobalt	59-2	513.99	504.98	519.88	512.95	1.46	ppb
Copper	63-2	5193.76	5010.70	5111.81	5105.42	1.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	25384.22	24954.84	25686.44	25341.83	1.45	ppb
Iron	57-2	25468.06	25191.16	25157.90	25272.38	0.67	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146321BS	Instrumnet Name :	P7
Client Sample ID :	PB146321BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 18:06:00	DataFile Name :	054DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	25850.26	25840.36	26064.17	25918.26	0.49	ppb
Krypton	83-1						cps
Lead	206-1	2476.25	2478.67	2439.40	2464.77	0.89	ppb
Lead	207-1	2461.23	2455.96	2425.62	2447.60	0.79	ppb
Lead	208-1	2449.26	2463.32	2430.17	2447.58	0.68	ppb
Lithium	6-1				99		%
Magnesium	24-2	51091.13	50271.54	51082.68	50815.12	0.93	ppb
Manganese	55-2	5048.82	4986.20	5021.93	5018.98	0.63	ppb
Molybdenum	94-1	5008.21	4936.95	4972.17	4972.44	0.72	ppb
Molybdenum	95-1	4997.87	4962.54	4931.68	4964.03	0.67	ppb
Molybdenum	96-1	4895.38	4979.47	4944.95	4939.94	0.86	ppb
Molybdenum	97-1	4907.50	4947.78	4936.38	4930.56	0.42	ppb
Molybdenum	98-1	4937.43	4931.36	4903.62	4924.14	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.90	483.97	496.84	489.57	1.35	ppb
Phosphorus	31-2	9936.33	9837.81	9934.24	9902.80	0.57	ppb
Potassium	39-2	24333.96	24793.22	24474.16	24533.78	0.96	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	82-1	492.10	490.69	484.75	489.18	0.80	ppb
Selenium	77-2	496.77	495.90	481.79	491.48	1.71	ppb
Selenium	78-2	495.96	506.53	491.38	497.96	1.56	ppb
Silicon	28-1	532.01	531.74	538.29	534.01	0.69	ppb
Silver	107-1	501.07	508.74	510.40	506.74	0.98	ppb
Silver	109-1	499.23	504.79	514.41	506.15	1.52	ppb
Sodium	23-2	50757.29	50405.68	50642.74	50601.90	0.35	ppb
Strontium	86-1	494.30	507.24	496.69	499.41	1.38	ppb
Strontium	88-1	488.62	496.43	489.22	491.42	0.88	ppb
Sulfur	34-1	8856.26	9029.66	8869.07	8918.33	1.08	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	491.04	498.29	494.24	494.53	0.73	ppb
Thallium	205-1	493.14	495.42	493.49	494.02	0.25	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146321BS	Instrumnet Name :	P7
Client Sample ID :	PB146321BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 18:06:00	DataFile Name :	054DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	462.98	473.50	466.37	467.62	1.15	ppb
Tin	118-1	500.10	500.80	495.96	498.95	0.52	ppb
Titanium	47-1	4870.80	4897.07	4889.49	4885.79	0.28	ppb
Uranium	238-1	460.52	456.25	452.92	456.56	0.83	ppb
Vanadium	51-2	503.61	509.56	511.07	508.08	0.78	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	5137.72	5040.54	5143.22	5107.16	1.13	ppb
Zirconium	90-1	496.84	491.29	495.90	494.68	0.60	ppb
Zirconium	91-1	504.37	492.43	501.37	499.39	1.24	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P7
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 18:08:37	DataFile Name :	055CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50103.96	50396.06	50780.93	50426.98	0.67	ppb
Antimony	121-1	515.31	530.34	534.96	526.87	1.95	ppb
Arsenic	75-2	480.64	481.72	473.93	478.76	0.88	ppb
Barium	135-1	2446.86	2531.21	2564.84	2514.30	2.42	ppb
Barium	137-1	2454.35	2523.05	2585.43	2520.94	2.60	ppb
Beryllium	9-1	485.46	485.66	490.75	487.29	0.62	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Boron	10-1	479.66	478.28	493.05	483.67	1.69	ppb
Boron	11-1	489.42	490.64	486.91	488.99	0.39	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	482.70	501.80	501.69	495.40	2.22	ppb
Cadmium	106-1	488.41	501.24	511.38	500.35	2.30	ppb
Cadmium	108-1	489.25	500.02	512.00	500.42	2.27	ppb
Calcium	43-1	235748.99	242003.04	236638.44	238130.15	1.42	ppb
Calcium	44-1	233741.85	240949.28	235249.22	236646.79	1.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	503.00	501.00	504.32	502.77	0.33	ppb
Cobalt	59-2	490.85	491.75	497.26	493.29	0.70	ppb
Copper	63-2	4996.27	5054.50	5040.55	5030.44	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				107		%
Holmium	165-2				105		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	56-2	117865.10	118618.18	119791.61	118758.30	0.82	ppb
Iron	57-2	119029.16	121550.25	120727.13	120435.52	1.07	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P7
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 18:08:37	DataFile Name :	055CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	119990.97	120505.89	122051.01	120849.29	0.89	ppb
Krypton	83-1						cps
Lead	206-1	2484.73	2572.72	2616.33	2557.93	2.62	ppb
Lead	207-1	2457.99	2537.32	2574.73	2523.35	2.36	ppb
Lead	208-1	2460.97	2531.10	2572.07	2521.38	2.23	ppb
Lithium	6-1				94		%
Magnesium	24-2	243578.90	245546.58	246060.96	245062.15	0.53	ppb
Manganese	55-2	4833.92	4825.22	4894.70	4851.28	0.78	ppb
Molybdenum	94-1	4993.96	5127.29	4988.64	5036.63	1.56	ppb
Molybdenum	95-1	4968.22	5110.18	5024.92	5034.44	1.42	ppb
Molybdenum	96-1	4946.50	5054.08	5057.41	5019.33	1.26	ppb
Molybdenum	97-1	4946.15	5079.63	5016.10	5013.96	1.33	ppb
Molybdenum	98-1	4902.92	5067.73	4988.20	4986.28	1.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	496.12	499.16	498.49	497.92	0.32	ppb
Phosphorus	31-2	9845.97	10014.70	9898.31	9919.66	0.87	ppb
Potassium	39-2	119314.01	120081.50	119939.10	119778.21	0.34	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	82-1	488.88	505.92	503.93	499.58	1.87	ppb
Selenium	77-2	525.69	490.92	501.39	506.00	3.52	ppb
Selenium	78-2	510.17	505.87	496.43	504.16	1.39	ppb
Silicon	28-1	490.96	501.66	498.49	497.04	1.11	ppb
Silver	107-1	493.16	500.50	516.93	503.53	2.42	ppb
Silver	109-1	498.06	510.72	516.22	508.34	1.83	ppb
Sodium	23-2	241719.01	242658.84	239914.21	241430.68	0.58	ppb
Strontium	86-1	487.78	501.29	497.49	495.52	1.41	ppb
Strontium	88-1	488.16	505.27	497.87	497.10	1.73	ppb
Sulfur	34-1	8681.83	8858.27	8652.19	8730.76	1.28	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	507.96	516.55	517.11	513.88	1.00	ppb
Thallium	205-1	505.38	512.06	520.86	512.77	1.51	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P7
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 18:08:37	DataFile Name :	055CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	496.21	503.34	506.75	502.10	1.07	ppb
Tin	118-1	483.60	502.62	510.13	498.78	2.74	ppb
Titanium	47-1	4918.10	5010.28	4972.05	4966.81	0.93	ppb
Uranium	238-1	479.58	494.99	496.19	490.25	1.89	ppb
Vanadium	51-2	501.07	516.16	511.13	509.45	1.51	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	4974.43	5040.09	5050.00	5021.51	0.82	ppb
Zirconium	90-1	500.29	501.98	500.17	500.81	0.20	ppb
Zirconium	91-1	498.47	509.41	510.12	506.00	1.29	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P7
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 18:13:59	DataFile Name :	056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.40	0.12	0.54	0.35	60.44	ppb
Antimony	121-1	0.17	0.16	0.17	0.17	3.11	ppb
Arsenic	75-2	0.01	0.00	0.01	0.01	125.70	ppb
Barium	135-1	0.04	0.03	0.05	0.04	31.52	ppb
Barium	137-1	0.06	0.04	0.07	0.06	21.58	ppb
Beryllium	9-1	0.02	0.02	0.04	0.02	41.11	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Boron	10-1	5.30	4.64	5.06	5.00	6.77	ppb
Boron	11-1	5.78	5.47	5.22	5.49	5.11	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.03	-0.02	-0.01	-0.02		ppb
Cadmium	106-1	-6.71	-6.00	-7.04	-6.58		ppb
Cadmium	108-1	0.00	-0.07	-0.05	-0.04		ppb
Calcium	43-1	5.34	5.94	3.90	5.06	20.80	ppb
Calcium	44-1	7.02	7.64	5.38	6.68	17.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.12	0.09	0.14	0.12	21.14	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	23.26	ppb
Copper	63-2	0.09	0.12	0.10	0.10	12.23	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				108		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	56-2	1.60	1.53	1.56	1.56	2.16	ppb
Iron	57-2	2.27	1.86	1.53	1.89	19.52	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P7
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 18:13:59	DataFile Name :	056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1.81	2.29	3.27	2.46	30.24	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.17	0.14	0.15	9.64	ppb
Lead	207-1	0.12	0.13	0.11	0.12	6.85	ppb
Lead	208-1	0.13	0.14	0.13	0.13	4.42	ppb
Lithium	6-1				99		%
Magnesium	24-2	3.57	3.05	3.27	3.30	7.93	ppb
Manganese	55-2	0.08	0.07	0.09	0.08	14.94	ppb
Molybdenum	94-1	0.19	0.15	0.17	0.17	10.48	ppb
Molybdenum	95-1	0.20	0.16	0.15	0.17	15.68	ppb
Molybdenum	96-1	0.23	0.17	0.16	0.19	19.01	ppb
Molybdenum	97-1	0.21	0.15	0.12	0.16	30.35	ppb
Molybdenum	98-1	0.19	0.16	0.12	0.16	23.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.02	0.01	0.02	51.74	ppb
Phosphorus	31-2	-15.50	-8.87	-7.51	-10.63		ppb
Potassium	39-2	6.79	6.45	7.97	7.07	11.29	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	0.15	1.03	-0.86	0.10	917.59	ppb
Selenium	77-2	-0.05	-0.05	-0.05	-0.05		ppb
Selenium	78-2	-0.26	0.09	0.02	-0.05		ppb
Silicon	28-1	2.68	2.87	2.71	2.75	3.71	ppb
Silver	107-1	0.04	0.04	0.04	0.04	9.03	ppb
Silver	109-1	0.05	0.05	0.05	0.05	6.43	ppb
Sodium	23-2	22.05	21.67	21.87	21.87	0.87	ppb
Strontium	86-1	-0.08	-0.13	-0.12	-0.11		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	12.33	ppb
Sulfur	34-1	-1061.68	-943.17	-988.27	-997.71		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.05	0.04	0.04	0.04	14.51	ppb
Thallium	205-1	0.04	0.03	0.04	0.04	18.05	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P7
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 18:13:59	DataFile Name :	056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	14.34	ppb
Tin	118-1	-0.08	-0.08	-0.08	-0.08		ppb
Titanium	47-1	0.14	0.07	0.09	0.10	35.33	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	21.21	ppb
Vanadium	51-2	0.02	0.01	0.01	0.01	53.40	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	0.10	0.12	0.15	0.12	22.41	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	40.13	ppb
Zirconium	91-1	0.00	0.01	0.01	0.01	109.71	ppb

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:10:12	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	211	211	156	193	16.66	cps
Antimony	121-1	83	50	92	75	29.40	cps
Arsenic	75-2	20	31	19	23	29.88	cps
Barium	135-1	75	58	58	64	15.05	cps
Barium	137-1	117	100	75	97	21.57	cps
Beryllium	9-1	50	40	43	44	11.46	cps
Bismuth	209-1	8419411	8428236	8537602	8461750	0.78	cps
Bismuth	209-2	6632805	6570619	6615281	6606235	0.49	cps
Boron	10-1	533	442	475	483	9.60	cps
Boron	11-1	1884	2300	2284	2156	10.94	cps
Bromine	81-1	12831	12439	12856	12708	1.84	cps
Bromine	81-2	50	80	90	73	28.39	cps
Cadmium	111-1	393	385	419	399	4.46	cps
Cadmium	106-1	7010	6810	7619	7146	5.89	cps
Cadmium	108-1	67	63	42	57	23.52	cps
Calcium	43-1	192	200	183	192	4.35	cps
Calcium	44-1	17519	17945	17544	17669	1.35	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2487	2397	2484	2456	2.08	cps
Cobalt	59-2	147	157	200	168	16.90	cps
Copper	63-2	983	1120	983	1029	7.67	cps
Dysprosium	156-1	75	58	42	58	28.57	cps
Dysprosium	156-2	17	20	7	14	48.02	cps
Erbium	164-1	108	50	58	72	43.69	cps
Erbium	164-2	33	60	43	46	29.58	cps
Gadolinium	160-1	75	50	67	64	19.92	cps
Gadolinium	160-2	220	227	203	217	5.55	cps
Holmium	165-1	12793636	12993569	13085186	12957464	1.15	cps
Holmium	165-2	8778340	8901182	8693052	8790858	1.19	cps
Indium	115-1	11006395	11245308	11194775	11148826	1.13	cps
Indium	115-2	3916524	3915079	3854010	3895204	0.92	cps
Iron	56-2	15875	16203	16287	16122	1.35	cps
Iron	57-2	522	450	550	507	10.17	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:10:12	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1852	1702	1592	1715	7.62	cps
Krypton	83-1	5434	5518	5284	5412	2.19	cps
Lead	206-1	611	561	611	594	4.86	cps
Lead	207-1	533	467	467	489	7.87	cps
Lead	208-1	2383	2233	2306	2308	3.25	cps
Lithium	6-1	2865706	2867131	2810475	2847770	1.13	cps
Magnesium	24-2	417	417	411	415	0.77	cps
Manganese	55-2	423	477	403	434	8.73	cps
Molybdenum	94-1	433	567	492	497	13.44	cps
Molybdenum	95-1	133	150	108	131	16.06	cps
Molybdenum	96-1	342	183	150	225	45.51	cps
Molybdenum	97-1	117	150	83	117	28.57	cps
Molybdenum	98-1	283	258	267	269	4.72	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	253	260	237	250	4.81	cps
Phosphorus	31-2	275	233	392	300	27.36	cps
Potassium	39-2	60956	61985	61801	61581	0.89	cps
Rhodium	103-1	10754962	10846687	10962818	10854822	0.96	cps
Rhodium	103-2	6816197	6808478	6841111	6821929	0.25	cps
Scandium	45-1	7735195	7816645	7897337	7816392	1.04	cps
Scandium	45-2	662956	667964	666719	665880	0.39	cps
Selenium	82-1	-141	115	134	36	424.35	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	331	335	306	324	4.98	cps
Silicon	28-1	452269	451551	453506	452442	0.22	cps
Silver	107-1	50	58	58	56	8.66	cps
Silver	109-1	50	0	42	31	87.67	cps
Sodium	23-2	24509	23919	23991	24140	1.33	cps
Strontium	86-1	8986	9061	8478	8842	3.59	cps
Strontium	88-1	517	575	467	519	10.44	cps
Sulfur	34-1	374712	373825	369754	372764	0.71	cps
Terbium	159-1	13182505	13520097	13616742	13439781	1.70	cps
Terbium	159-2	8997262	9093044	9022255	9037520	0.55	cps
Thallium	203-1	725	917	817	819	11.70	cps
Thallium	205-1	2067	1733	1975	1925	8.95	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:10:12	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	83	100	67	83	20.00	cps
Tin	118-1	2234	2009	1792	2011	10.98	cps
Titanium	47-1	183	100	217	167	36.06	cps
Uranium	238-1	100	92	75	89	14.32	cps
Vanadium	51-2	77	60	60	66	14.68	cps
Yttrium	89-1	17536534	17677774	17611491	17608600	0.40	cps
Yttrium	89-2	4372327	4308195	4325589	4335370	0.77	cps
Zinc	66-2	487	430	550	489	12.28	cps
Zirconium	90-1	1225	1133	1142	1167	4.35	cps
Zirconium	91-1	292	258	342	297	14.11	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:13:07	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7068	7035	6585	6896	3.92	cps
Antimony	121-1	20991	21467	21500	21319	1.34	cps
Arsenic	75-2	778	724	726	743	4.10	cps
Barium	135-1	24847	24530	25323	24900	1.60	cps
Barium	137-1	43501	43568	43058	43375	0.64	cps
Beryllium	9-1	2124	2430	2520	2358	8.82	cps
Bismuth	209-1	8447341	8443990	8578207	8489846	0.90	cps
Bismuth	209-2	6582523	6709393	6636884	6642934	0.96	cps
Boron	10-1	12972	13039	13331	13114	1.45	cps
Boron	11-1	62025	62619	66786	63810	4.07	cps
Bromine	81-1	12063	12355	11897	12105	1.92	cps
Bromine	81-2	90	70	90	83	13.86	cps
Cadmium	111-1	3255	3402	3457	3371	3.11	cps
Cadmium	106-1	7561	7302	8002	7622	4.65	cps
Cadmium	108-1	350	292	292	311	10.83	cps
Calcium	43-1	19538	19313	20264	19705	2.52	cps
Calcium	44-1	325653	330879	334426	330320	1.34	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14173	14240	14617	14344	1.67	cps
Cobalt	59-2	9680	9483	9620	9594	1.05	cps
Copper	63-2	14787	14654	14517	14653	0.92	cps
Dysprosium	156-1	42	67	25	44	47.19	cps
Dysprosium	156-2	17	7	3	9	78.08	cps
Erbium	164-1	100	83	50	78	32.73	cps
Erbium	164-2	47	53	70	57	21.21	cps
Gadolinium	160-1	175	108	42	108	61.54	cps
Gadolinium	160-2	183	230	213	209	11.32	cps
Holmium	165-1	13013643	13240073	13501884	13251867	1.84	cps
Holmium	165-2	8969027	8962870	9012567	8981488	0.30	cps
Indium	115-1	11098519	11170195	11372198	11213637	1.27	cps
Indium	115-2	3897099	3942285	3929670	3923018	0.59	cps
Iron	56-2	287661	291878	288664	289401	0.76	cps
Iron	57-2	7341	7330	7802	7491	3.60	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:13:07	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	16867	17458	16967	17097	1.85	cps
Krypton	83-1	5481	5338	5668	5496	3.01	cps
Lead	206-1	8369	8909	8503	8594	3.27	cps
Lead	207-1	7580	7536	7730	7615	1.34	cps
Lead	208-1	34523	35107	35341	34991	1.20	cps
Lithium	6-1	2886373	2904619	2948214	2913069	1.09	cps
Magnesium	24-2	300077	297522	297075	298224	0.54	cps
Manganese	55-2	4821	5004	4921	4915	1.87	cps
Molybdenum	94-1	24688	24496	25673	24952	2.53	cps
Molybdenum	95-1	29664	30858	30415	30313	1.99	cps
Molybdenum	96-1	33522	34316	34441	34093	1.46	cps
Molybdenum	97-1	18178	18220	18078	18159	0.40	cps
Molybdenum	98-1	48272	46868	48180	47773	1.64	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	2550	2747	2664	2654	3.72	cps
Phosphorus	31-2	483	575	725	594	20.52	cps
Potassium	39-2	376828	377129	381061	378339	0.62	cps
Rhodium	103-1	10643218	10813527	10953326	10803357	1.44	cps
Rhodium	103-2	6848656	7014421	6913958	6925678	1.21	cps
Scandium	45-1	7831598	7882076	7953758	7889144	0.78	cps
Scandium	45-2	668327	675286	672167	671927	0.52	cps
Selenium	82-1	1302	1364	902	1189	21.10	cps
Selenium	77-2	97	117	127	113	13.48	cps
Selenium	78-2	744	620	769	711	11.18	cps
Silicon	28-1	528227	529438	529109	528925	0.12	cps
Silver	107-1	10904	12973	13732	12536	11.67	cps
Silver	109-1	10204	11496	13799	11833	15.39	cps
Sodium	23-2	505488	507838	508428	507251	0.31	cps
Strontium	86-1	12706	12247	12739	12564	2.19	cps
Strontium	88-1	34441	35443	34358	34747	1.74	cps
Sulfur	34-1	374738	374935	378926	376199	0.63	cps
Terbium	159-1	13567190	13558590	13553877	13559885	0.05	cps
Terbium	159-2	9029052	9184957	9129077	9114362	0.87	cps
Thallium	203-1	10371	11130	11430	10977	4.97	cps
Thallium	205-1	25165	24447	25274	24962	1.80	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:13:07	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	32718	32807	33559	33028	1.40	cps
Tin	118-1	47228	49670	48340	48413	2.52	cps
Titanium	47-1	9145	9036	9111	9097	0.61	cps
Uranium	238-1	32148	32950	31179	32092	2.76	cps
Vanadium	51-2	25178	24981	24777	24979	0.80	cps
Yttrium	89-1	17447199	17633286	17496936	17525807	0.55	cps
Yttrium	89-2	4354802	4418983	4368023	4380603	0.77	cps
Zinc	66-2	2620	2830	2740	2730	3.86	cps
Zirconium	90-1	21858	22584	22618	22354	1.92	cps
Zirconium	91-1	4851	4843	4893	4862	0.55	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:15:59	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	322430	321103	321964	321832	0.21	cps
Antimony	121-1	550502	550096	557225	552608	0.72	cps
Arsenic	75-2	34880	34321	35383	34861	1.52	cps
Barium	135-1	667997	676215	670930	671714	0.62	cps
Barium	137-1	1138748	1150878	1162710	1150779	1.04	cps
Beryllium	9-1	116560	118705	118034	117766	0.93	cps
Bismuth	209-1	8621059	8611340	8552421	8594940	0.43	cps
Bismuth	209-2	6655782	6670621	6668852	6665085	0.12	cps
Boron	10-1	26757	27458	28109	27441	2.46	cps
Boron	11-1	127530	132659	134147	131445	2.64	cps
Bromine	81-1	11938	12647	12389	12325	2.91	cps
Bromine	81-2	80	110	50	80	37.50	cps
Cadmium	111-1	146090	149398	149051	148180	1.23	cps
Cadmium	106-1	25264	24788	24229	24761	2.09	cps
Cadmium	108-1	12497	12305	12355	12386	0.80	cps
Calcium	43-1	212633	215186	213943	213921	0.60	cps
Calcium	44-1	3169719	3255273	3226750	3217247	1.35	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	318319	312034	313528	314627	1.04	cps
Cobalt	59-2	474576	474647	480025	476416	0.66	cps
Copper	63-2	3521425	3482064	3451869	3485119	1.00	cps
Dysprosium	156-1	67	50	67	61	15.75	cps
Dysprosium	156-2	50	37	40	42	16.43	cps
Erbium	164-1	125	50	142	106	46.26	cps
Erbium	164-2	53	43	73	57	26.96	cps
Gadolinium	160-1	133	167	133	144	13.32	cps
Gadolinium	160-2	200	193	187	193	3.45	cps
Holmium	165-1	13220209	13371875	13370597	13320894	0.65	cps
Holmium	165-2	8949907	8891212	9042934	8961351	0.85	cps
Indium	115-1	11167566	11053462	11241672	11154234	0.85	cps
Indium	115-2	3829698	3833423	3861359	3841493	0.45	cps
Iron	56-2	13989054	14027652	14033027	14016578	0.17	cps
Iron	57-2	354818	352147	351036	352667	0.55	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:15:59	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	803611	795832	810679	803374	0.92	cps
Krypton	83-1	5548	5484	5061	5364	4.93	cps
Lead	206-1	2215357	2266429	2294383	2258723	1.77	cps
Lead	207-1	1991507	1998468	1984140	1991372	0.36	cps
Lead	208-1	9053344	9199702	9186868	9146638	0.89	cps
Lithium	6-1	2975578	2953721	2928372	2952557	0.80	cps
Magnesium	24-2	3108530	3102023	3117297	3109283	0.25	cps
Manganese	55-2	2252461	2228208	2261546	2247405	0.77	cps
Molybdenum	94-1	2174803	2175189	2167167	2172386	0.21	cps
Molybdenum	95-1	3065512	3099168	3127965	3097548	1.01	cps
Molybdenum	96-1	3350029	3388433	3437101	3391854	1.29	cps
Molybdenum	97-1	1892409	1900696	1948635	1913914	1.59	cps
Molybdenum	98-1	4900494	4859320	4903780	4887865	0.51	cps
Neodymium	150-1	87	53	47	62	34.44	cps
Neodymium	150-2	23	7	13	14	58.06	cps
Nickel	60-2	124690	123409	124871	124323	0.64	cps
Phosphorus	31-2	16626	17143	16493	16754	2.05	cps
Potassium	39-2	1629475	1621033	1607423	1619310	0.69	cps
Rhodium	103-1	11019488	10923657	11098282	11013809	0.79	cps
Rhodium	103-2	6827602	6723402	6735087	6762030	0.84	cps
Scandium	45-1	7890975	7975157	7882384	7916172	0.65	cps
Scandium	45-2	672923	656363	668185	665824	1.28	cps
Selenium	82-1	11750	11632	12017	11799	1.67	cps
Selenium	77-2	1170	947	1037	1051	10.69	cps
Selenium	78-2	3849	3947	4073	3956	2.84	cps
Silicon	28-1	3752896	3723550	3828025	3768157	1.43	cps
Silver	107-1	759123	761800	779494	766806	1.44	cps
Silver	109-1	712036	736144	739285	729155	2.04	cps
Sodium	23-2	5127892	5156012	5059528	5114477	0.97	cps
Strontium	86-1	214159	215713	218386	216086	0.99	cps
Strontium	88-1	1812074	1836174	1834215	1827488	0.73	cps
Sulfur	34-1	447762	447194	450172	448376	0.35	cps
Terbium	159-1	13687099	13783332	13797471	13755967	0.44	cps
Terbium	159-2	8961511	8919469	9016903	8965961	0.55	cps
Thallium	203-1	519197	529289	526212	524899	0.99	cps
Thallium	205-1	1214018	1238423	1237679	1230040	1.13	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:15:59	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1914900	1948223	1904533	1922552	1.19	cps
Tin	118-1	472029	485912	481880	479941	1.49	cps
Titanium	47-1	906415	924696	921479	917530	1.06	cps
Uranium	238-1	1809800	1816257	1692770	1772942	3.92	cps
Vanadium	51-2	261197	258513	261486	260398	0.63	cps
Yttrium	89-1	17466826	17575463	17778162	17606817	0.90	cps
Yttrium	89-2	4284035	4318758	4259240	4287344	0.70	cps
Zinc	66-2	563524	561984	569459	564989	0.70	cps
Zirconium	90-1	1078227	1093886	1116470	1096194	1.75	cps
Zirconium	91-1	242929	245862	253969	247587	2.31	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:18:46	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	775221	772127	768990	772113	0.40	cps
Antimony	121-1	1345114	1368088	1362918	1358707	0.89	cps
Arsenic	75-2	83170	83073	83434	83226	0.22	cps
Barium	135-1	1655396	1717935	1656611	1676647	2.13	cps
Barium	137-1	2910646	2922260	2897327	2910078	0.43	cps
Beryllium	9-1	286811	287379	287893	287361	0.19	cps
Bismuth	209-1	8492898	8497290	8490006	8493398	0.04	cps
Bismuth	209-2	6557570	6587060	6562086	6568905	0.24	cps
Boron	10-1	66886	68703	71013	68867	3.00	cps
Boron	11-1	313740	319459	333046	322082	3.08	cps
Bromine	81-1	11663	11938	11722	11774	1.23	cps
Bromine	81-2	40	40	90	57	50.94	cps
Cadmium	111-1	359694	359146	359688	359509	0.09	cps
Cadmium	106-1	47988	50438	49025	49151	2.50	cps
Cadmium	108-1	29781	31025	30470	30425	2.05	cps
Calcium	43-1	499149	495813	498959	497974	0.38	cps
Calcium	44-1	7542604	7480039	7515186	7512610	0.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	755751	741941	749727	749140	0.92	cps
Cobalt	59-2	1143904	1138510	1145128	1142514	0.31	cps
Copper	63-2	8384446	8189593	8197609	8257216	1.34	cps
Dysprosium	156-1	100	108	83	97	13.09	cps
Dysprosium	156-2	70	97	73	80	18.17	cps
Erbium	164-1	183	150	83	139	36.66	cps
Erbium	164-2	77	97	80	84	12.69	cps
Gadolinium	160-1	108	158	117	128	20.96	cps
Gadolinium	160-2	183	237	237	219	14.07	cps
Holmium	165-1	13215520	13221163	13066752	13167811	0.66	cps
Holmium	165-2	8783944	8852457	8821651	8819351	0.39	cps
Indium	115-1	10917885	10945565	10918151	10927201	0.15	cps
Indium	115-2	3787929	3747905	3778851	3771562	0.56	cps
Iron	56-2	33363579	33384644	33358235	33368819	0.04	cps
Iron	57-2	850557	844396	845081	846678	0.40	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:18:46	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1867518	1868384	1897239	1877714	0.90	cps
Krypton	83-1	5431	5431	5324	5395	1.14	cps
Lead	206-1	5519655	5626357	5591247	5579086	0.97	cps
Lead	207-1	4960185	4956518	4951027	4955910	0.09	cps
Lead	208-1	22742612	22805198	22755376	22767728	0.15	cps
Lithium	6-1	2871502	2877105	2896337	2881648	0.45	cps
Magnesium	24-2	7491322	7584055	7537485	7537621	0.62	cps
Manganese	55-2	5399662	5353185	5330712	5361186	0.66	cps
Molybdenum	94-1	5292551	5275494	5293130	5287058	0.19	cps
Molybdenum	95-1	7375628	7447991	7477579	7433733	0.71	cps
Molybdenum	96-1	8159283	8251156	8224034	8211491	0.57	cps
Molybdenum	97-1	4675083	4643338	4617864	4645428	0.62	cps
Molybdenum	98-1	11733672	12039148	11936066	11902962	1.31	cps
Neodymium	150-1	120	80	93	98	20.83	cps
Neodymium	150-2	37	37	17	30	38.49	cps
Nickel	60-2	297818	297152	298241	297737	0.18	cps
Phosphorus	31-2	40689	40203	41348	40747	1.41	cps
Potassium	39-2	3875854	3789466	3815214	3826844	1.16	cps
Rhodium	103-1	10456539	10565634	10653693	10558622	0.94	cps
Rhodium	103-2	6563479	6544531	6574778	6560929	0.23	cps
Scandium	45-1	7729730	7631408	7617590	7659576	0.80	cps
Scandium	45-2	653649	651420	643584	649551	0.81	cps
Selenium	82-1	28244	28625	28587	28486	0.74	cps
Selenium	77-2	2540	2624	2594	2586	1.63	cps
Selenium	78-2	9158	9012	9034	9068	0.87	cps
Silicon	28-1	8204465	8225447	8302611	8244174	0.63	cps
Silver	107-1	1862575	1879825	1913217	1885206	1.37	cps
Silver	109-1	1805183	1794138	1804688	1801336	0.35	cps
Sodium	23-2	12783562	12495221	12411478	12563420	1.55	cps
Strontium	86-1	508976	511653	502070	507566	0.97	cps
Strontium	88-1	4489256	4326988	4346103	4387449	2.02	cps
Sulfur	34-1	531189	532461	536596	533416	0.53	cps
Terbium	159-1	13602998	13406646	13569236	13526293	0.78	cps
Terbium	159-2	8856848	8924314	8922736	8901299	0.43	cps
Thallium	203-1	1295467	1300085	1302866	1299473	0.29	cps
Thallium	205-1	3198586	3199225	3215612	3204474	0.30	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:18:46	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	4866866	4790924	4844476	4834089	0.81	cps
Tin	118-1	1169986	1167784	1178806	1172192	0.50	cps
Titanium	47-1	2235031	2209231	2166660	2203641	1.57	cps
Uranium	238-1	4539226	4530277	4512723	4527409	0.30	cps
Vanadium	51-2	625941	634370	627637	629316	0.71	cps
Yttrium	89-1	17366194	17139792	17076459	17194148	0.89	cps
Yttrium	89-2	4165797	4199444	4228853	4198031	0.75	cps
Zinc	66-2	1350833	1344409	1339942	1345061	0.41	cps
Zirconium	90-1	2685167	2646643	2707927	2679912	1.16	cps
Zirconium	91-1	597206	598224	596388	597273	0.15	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:21:31	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1469564	1440183	1461862	1457203	1.05	cps
Antimony	121-1	2666333	2683627	2660197	2670052	0.46	cps
Arsenic	75-2	157976	156245	156116	156779	0.66	cps
Barium	135-1	3242425	3189693	3218472	3216863	0.82	cps
Barium	137-1	5734827	5636949	5696631	5689469	0.87	cps
Beryllium	9-1	548221	550809	559743	552925	1.09	cps
Bismuth	209-1	8456124	8236141	8576583	8422949	2.05	cps
Bismuth	209-2	6341562	6437131	6337774	6372156	0.88	cps
Boron	10-1	127195	132817	135389	131800	3.18	cps
Boron	11-1	603482	615355	641107	619982	3.10	cps
Bromine	81-1	11388	11563	10904	11285	3.02	cps
Bromine	81-2	50	50	40	47	12.37	cps
Cadmium	111-1	693079	695608	694155	694281	0.18	cps
Cadmium	106-1	85795	84371	86055	85407	1.06	cps
Cadmium	108-1	58041	57229	58304	57858	0.97	cps
Calcium	43-1	947715	955358	955323	952799	0.46	cps
Calcium	44-1	14174928	14333757	14266987	14258557	0.56	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1398211	1363820	1373789	1378607	1.28	cps
Cobalt	59-2	2187422	2167359	2131217	2161999	1.32	cps
Copper	63-2	16005355	15625216	15492671	15707747	1.69	cps
Dysprosium	156-1	150	192	133	158	18.98	cps
Dysprosium	156-2	157	143	107	136	19.10	cps
Erbium	164-1	150	142	92	128	24.69	cps
Erbium	164-2	77	57	70	68	15.02	cps
Gadolinium	160-1	142	167	250	186	30.48	cps
Gadolinium	160-2	183	270	270	241	20.75	cps
Holmium	165-1	13117059	12688561	12992578	12932733	1.70	cps
Holmium	165-2	8637274	8522686	8430783	8530248	1.21	cps
Indium	115-1	10581739	10526027	10479916	10529228	0.48	cps
Indium	115-2	3603693	3622303	3528502	3584832	1.39	cps
Iron	56-2	64509845	63032113	63121468	63554475	1.30	cps
Iron	57-2	1606467	1557322	1584758	1582849	1.56	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:21:31	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3601339	3491650	3500376	3531121	1.73	cps
Krypton	83-1	5114	4841	4737	4898	3.98	cps
Lead	206-1	11096047	11022936	11089992	11069658	0.37	cps
Lead	207-1	9837394	9722320	9871653	9810456	0.80	cps
Lead	208-1	45185993	44488136	45352506	45008879	1.02	cps
Lithium	6-1	2757719	2809971	2793033	2786908	0.96	cps
Magnesium	24-2	14307649	14366011	14139834	14271165	0.82	cps
Manganese	55-2	10403732	10081145	10028121	10170999	2.00	cps
Molybdenum	94-1	10126258	10099459	9997758	10074491	0.67	cps
Molybdenum	95-1	14420852	14207766	14273011	14300543	0.76	cps
Molybdenum	96-1	15885357	15722430	15684947	15764245	0.68	cps
Molybdenum	97-1	8819830	8800192	8852480	8824167	0.30	cps
Molybdenum	98-1	22625401	22663840	22753246	22680829	0.29	cps
Neodymium	150-1	233	187	153	191	21.03	cps
Neodymium	150-2	47	30	50	42	25.38	cps
Nickel	60-2	559595	552518	551080	554398	0.82	cps
Phosphorus	31-2	74858	74934	73518	74437	1.07	cps
Potassium	39-2	7116978	7078429	7034418	7076608	0.58	cps
Rhodium	103-1	10047091	9950962	9891397	9963150	0.79	cps
Rhodium	103-2	6202280	6289075	6139434	6210263	1.21	cps
Scandium	45-1	7304293	7419320	7293362	7338992	0.95	cps
Scandium	45-2	623761	615408	614951	618040	0.80	cps
Selenium	82-1	53589	54704	54053	54115	1.04	cps
Selenium	77-2	4864	4794	4901	4853	1.12	cps
Selenium	78-2	16654	16637	16385	16559	0.91	cps
Silicon	28-1	14869909	15025040	15077534	14990828	0.72	cps
Silver	107-1	3634465	3629130	3622072	3628556	0.17	cps
Silver	109-1	3485500	3471013	3519698	3492070	0.72	cps
Sodium	23-2	23610354	23461935	23435307	23502532	0.40	cps
Strontium	86-1	970551	956797	977103	968151	1.07	cps
Strontium	88-1	8597657	8345450	8434348	8459151	1.51	cps
Sulfur	34-1	661875	662064	655439	659793	0.57	cps
Terbium	159-1	13369092	13315202	13275433	13319909	0.35	cps
Terbium	159-2	8986390	8701224	8773947	8820521	1.68	cps
Thallium	203-1	2723519	2682032	2720505	2708685	0.85	cps
Thallium	205-1	6394756	6293839	6393786	6360794	0.91	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:21:31	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	9838633	9547297	9815079	9733670	1.66	cps
Tin	118-1	2307999	2317368	2294979	2306782	0.49	cps
Titanium	47-1	4154075	4210530	4115187	4159931	1.15	cps
Uranium	238-1	9128869	9067418	9115405	9103897	0.35	cps
Vanadium	51-2	1191883	1177948	1175354	1181728	0.75	cps
Yttrium	89-1	16609228	16369213	16253257	16410566	1.11	cps
Yttrium	89-2	4009705	3999533	3944187	3984475	0.88	cps
Zinc	66-2	2632849	2621545	2569159	2607851	1.30	cps
Zirconium	90-1	5201692	5149620	5126053	5159121	0.75	cps
Zirconium	91-1	1142981	1156149	1136285	1145138	0.88	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:24:18	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2863522	2884843	2811278	2853214	1.33	cps
Antimony	121-1	5036834	5168155	5183673	5129554	1.57	cps
Arsenic	75-2	303808	303668	303632	303703	0.03	cps
Barium	135-1	6185715	6275918	6320901	6260845	1.10	cps
Barium	137-1	10822411	10852860	10888444	10854572	0.30	cps
Beryllium	9-1	1039901	1041013	1057156	1046023	0.92	cps
Bismuth	209-1	8302115	8201239	8439079	8314144	1.44	cps
Bismuth	209-2	6394820	6341042	6326286	6354049	0.57	cps
Boron	10-1	242798	252100	251958	248952	2.14	cps
Boron	11-1	1113853	1147686	1198276	1153272	3.68	cps
Bromine	81-1	10546	10262	10312	10373	1.46	cps
Bromine	81-2	70	50	30	50	40.00	cps
Cadmium	111-1	1309564	1319851	1323060	1317492	0.54	cps
Cadmium	106-1	155072	159596	160120	158263	1.75	cps
Cadmium	108-1	108095	110169	111168	109811	1.43	cps
Calcium	43-1	1692796	1670553	1740010	1701119	2.09	cps
Calcium	44-1	26942976	26872641	27184217	26999945	0.61	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2681070	2704183	2709465	2698239	0.56	cps
Cobalt	59-2	4169654	4158250	4101658	4143187	0.88	cps
Copper	63-2	29466128	29925774	29439586	29610496	0.92	cps
Dysprosium	156-1	408	250	383	347	24.51	cps
Dysprosium	156-2	267	273	297	279	5.65	cps
Erbium	164-1	158	150	200	169	15.81	cps
Erbium	164-2	57	107	80	81	30.84	cps
Gadolinium	160-1	325	275	275	292	9.90	cps
Gadolinium	160-2	333	393	343	357	9.01	cps
Holmium	165-1	12785306	12879058	13179052	12947805	1.59	cps
Holmium	165-2	8684760	8706930	8648216	8679968	0.34	cps
Indium	115-1	10045079	10184846	10179644	10136523	0.78	cps
Indium	115-2	3509190	3549100	3459421	3505904	1.28	cps
Iron	56-2	122115750	123431469	121497186	122348135	0.81	cps
Iron	57-2	3043644	3063485	2985902	3031010	1.33	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:24:18	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	6825901	6804856	6774856	6801871	0.38	cps
Krypton	83-1	4644	4611	4881	4712	3.13	cps
Lead	206-1	21568421	21482986	21979026	21676811	1.22	cps
Lead	207-1	19330712	19075888	19262914	19223171	0.69	cps
Lead	208-1	88297265	87811354	88649970	88252863	0.48	cps
Lithium	6-1	2715356	2719299	2752137	2728931	0.74	cps
Magnesium	24-2	27716311	27781296	27278863	27592157	0.99	cps
Manganese	55-2	19609390	19641195	19845646	19698744	0.65	cps
Molybdenum	94-1	19196698	19349587	19331340	19292542	0.43	cps
Molybdenum	95-1	27327439	27668560	27510098	27502032	0.62	cps
Molybdenum	96-1	30072884	30418440	30502069	30331131	0.75	cps
Molybdenum	97-1	16914945	16971549	17123614	17003369	0.63	cps
Molybdenum	98-1	43782627	43893042	43878863	43851511	0.14	cps
Neodymium	150-1	413	400	287	367	18.98	cps
Neodymium	150-2	93	83	97	91	7.62	cps
Nickel	60-2	1025479	1043019	1039741	1036080	0.90	cps
Phosphorus	31-2	143090	143402	144806	143766	0.64	cps
Potassium	39-2	13611747	13681904	13546945	13613532	0.50	cps
Rhodium	103-1	9695227	9715824	9822217	9744423	0.70	cps
Rhodium	103-2	6061499	6185367	6071868	6106245	1.13	cps
Scandium	45-1	7038321	7035785	7085829	7053312	0.40	cps
Scandium	45-2	600805	615747	603372	606641	1.32	cps
Selenium	82-1	101019	102618	101247	101628	0.85	cps
Selenium	77-2	9610	9526	9050	9395	3.22	cps
Selenium	78-2	31725	32196	31982	31968	0.74	cps
Silicon	28-1	27592538	27485700	28077021	27718420	1.14	cps
Silver	107-1	6801313	6994239	6945572	6913708	1.45	cps
Silver	109-1	6566524	6558643	6558243	6561137	0.07	cps
Sodium	23-2	46395534	45911266	44947330	45751377	1.61	cps
Strontium	86-1	1876848	1838592	1863173	1859538	1.04	cps
Strontium	88-1	16117660	16263455	16033353	16138156	0.72	cps
Sulfur	34-1	908122	905880	906469	906823	0.13	cps
Terbium	159-1	13167502	13064661	13383476	13205213	1.23	cps
Terbium	159-2	8777553	8867325	8614362	8753080	1.47	cps
Thallium	203-1	5216349	5255785	5365829	5279321	1.47	cps
Thallium	205-1	12310475	12515942	12586564	12470994	1.15	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:24:18	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	19375453	19144405	19428818	19316225	0.78	cps
Tin	118-1	4385560	4449203	4517935	4450899	1.49	cps
Titanium	47-1	7939419	8076971	7952800	7989730	0.95	cps
Uranium	238-1	18120723	18320870	18249214	18230269	0.56	cps
Vanadium	51-2	2297287	2288423	2276188	2287299	0.46	cps
Yttrium	89-1	15838322	16023513	15919424	15927086	0.58	cps
Yttrium	89-2	3947839	3973890	3891304	3937677	1.07	cps
Zinc	66-2	4870349	4928826	4861076	4886750	0.75	cps
Zirconium	90-1	9749978	9926945	9955529	9877484	1.13	cps
Zirconium	91-1	2157890	2212190	2197759	2189280	1.28	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:27:03	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5819728	5682723	5661897	5721449	1.50	cps
Antimony	121-1	10282401	10601930	10446247	10443526	1.53	cps
Arsenic	75-2	624958	614520	619724	619734	0.84	cps
Barium	135-1	12656175	12943695	12844746	12814872	1.14	cps
Barium	137-1	21881190	22500361	22244143	22208565	1.40	cps
Beryllium	9-1	2040625	2063378	2090024	2064676	1.20	cps
Bismuth	209-1	8218888	8329212	8163341	8237147	1.02	cps
Bismuth	209-2	6215296	6154878	6307493	6225889	1.23	cps
Boron	10-1	506981	528167	541213	525453	3.29	cps
Boron	11-1	2355872	2426869	2517278	2433340	3.32	cps
Bromine	81-1	10763	10312	10404	10493	2.27	cps
Bromine	81-2	150	40	100	97	56.98	cps
Cadmium	111-1	2602709	2691131	2679049	2657630	1.80	cps
Cadmium	106-1	301729	306619	307835	305394	1.06	cps
Cadmium	108-1	215593	218421	219827	217947	0.99	cps
Calcium	43-1	3411893	3469017	3487456	3456122	1.14	cps
Calcium	44-1	54771087	54410595	56040591	55074091	1.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5441543	5380091	5498212	5439949	1.09	cps
Cobalt	59-2	8417622	8316221	8389861	8374568	0.63	cps
Copper	63-2	60192634	59319547	59468321	59660167	0.78	cps
Dysprosium	156-1	692	817	533	681	20.86	cps
Dysprosium	156-2	513	527	563	534	4.84	cps
Erbium	164-1	300	183	333	272	28.93	cps
Erbium	164-2	183	150	183	172	11.18	cps
Gadolinium	160-1	667	617	742	675	9.32	cps
Gadolinium	160-2	437	507	553	499	11.77	cps
Holmium	165-1	13077847	13120815	13190071	13129577	0.43	cps
Holmium	165-2	8785870	8631688	8817667	8745075	1.14	cps
Indium	115-1	9913043	10276461	10159831	10116445	1.83	cps
Indium	115-2	3467080	3461827	3498277	3475728	0.57	cps
Iron	56-2	249671072	250689228	250384089	250248130	0.21	cps
Iron	57-2	6177310	6100423	6182514	6153416	0.75	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:27:03	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	13833901	13714907	14047599	13865469	1.22	cps
Krypton	83-1	4664	4574	4584	4607	1.07	cps
Lead	206-1	43138382	43767541	44155190	43687038	1.17	cps
Lead	207-1	38243805	38544294	38604798	38464299	0.50	cps
Lead	208-1	176232491	176751532	176617160	176533728	0.15	cps
Lithium	6-1	2693500	2717006	2702403	2704303	0.44	cps
Magnesium	24-2	55709101	54929912	55221496	55286836	0.71	cps
Manganese	55-2	40775581	40288146	41144426	40736051	1.05	cps
Molybdenum	94-1	39006994	39148887	39584580	39246820	0.77	cps
Molybdenum	95-1	54510909	55053174	56032262	55198781	1.40	cps
Molybdenum	96-1	60519045	61145664	62007103	61223937	1.22	cps
Molybdenum	97-1	34343593	34880231	34945337	34723054	0.95	cps
Molybdenum	98-1	88165364	90228685	89235075	89209708	1.16	cps
Neodymium	150-1	800	767	707	758	6.24	cps
Neodymium	150-2	173	180	173	176	2.19	cps
Nickel	60-2	2204530	2115552	2159061	2159715	2.06	cps
Phosphorus	31-2	291416	291590	290959	291322	0.11	cps
Potassium	39-2	28147308	28048517	27887612	28027812	0.47	cps
Rhodium	103-1	9503144	9709648	9513583	9575458	1.21	cps
Rhodium	103-2	6017338	6003987	6039884	6020403	0.30	cps
Scandium	45-1	7165190	7123737	7232766	7173897	0.77	cps
Scandium	45-2	615762	609061	622365	615729	1.08	cps
Selenium	82-1	199932	203698	203591	202407	1.06	cps
Selenium	77-2	19039	18896	19046	18993	0.45	cps
Selenium	78-2	64476	63007	63386	63623	1.20	cps
Silicon	28-1	59208999	59403076	60274543	59628873	0.95	cps
Silver	107-1	13342777	13499847	13763633	13535419	1.57	cps
Silver	109-1	12692207	13220244	13173834	13028762	2.24	cps
Sodium	23-2	92167605	90282383	91648569	91366185	1.07	cps
Strontium	86-1	3728620	3796521	3825746	3783629	1.32	cps
Strontium	88-1	32561176	32935604	33400303	32965694	1.28	cps
Sulfur	34-1	1537291	1526903	1575166	1546453	1.64	cps
Terbium	159-1	13289459	13581479	13457251	13442730	1.09	cps
Terbium	159-2	8944743	8795222	8864340	8868102	0.84	cps
Thallium	203-1	10517702	10669417	10731083	10639401	1.03	cps
Thallium	205-1	24679809	24787289	25221192	24896097	1.15	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:27:03	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	39107061	39768543	39294661	39390088	0.87	cps
Tin	118-1	8724560	9061892	8922557	8903003	1.90	cps
Titanium	47-1	16058348	16221629	16530291	16270089	1.47	cps
Uranium	238-1	36720928	37167547	36994471	36960982	0.61	cps
Vanadium	51-2	4665534	4623204	4704200	4664313	0.87	cps
Yttrium	89-1	16336234	16180012	16373712	16296653	0.63	cps
Yttrium	89-2	4085020	4011254	4052759	4049678	0.91	cps
Zinc	66-2	10019885	9798349	9759244	9859159	1.43	cps
Zirconium	90-1	20116579	20176154	20264028	20185587	0.37	cps
Zirconium	91-1	4420763	4466410	4519305	4468826	1.10	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:29:51	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	29257765	29229043	29756926	29414578	1.01	cps
Antimony	121-1	7419	7352	7777	7516	3.04	cps
Arsenic	75-2	300	300	331	310	5.86	cps
Barium	135-1	6777	6843	7010	6877	1.75	cps
Barium	137-1	12055	11805	11530	11797	2.23	cps
Beryllium	9-1	417	387	400	401	3.75	cps
Bismuth	209-1	7258143	7261036	7272233	7263804	0.10	cps
Bismuth	209-2	5614932	5635536	5612039	5620835	0.23	cps
Boron	10-1	13306	12314	10662	12094	11.04	cps
Boron	11-1	63924	57240	52431	57865	9.98	cps
Bromine	81-1	11455	12305	11922	11894	3.58	cps
Bromine	81-2	90	100	180	123	40.00	cps
Cadmium	111-1	1127	1305	1234	1222	7.33	cps
Cadmium	106-1	6693	6685	6843	6741	1.32	cps
Cadmium	108-1	154	179	150	161	9.79	cps
Calcium	43-1	17470124	17578173	17752846	17600381	0.81	cps
Calcium	44-1	278743865	283054056	284201406	281999776	1.02	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	53903	53698	53491	53697	0.38	cps
Cobalt	59-2	24510	24690	25245	24815	1.54	cps
Copper	63-2	25181	25842	25572	25532	1.30	cps
Dysprosium	156-1	1317	1292	1175	1261	6.00	cps
Dysprosium	156-2	737	703	797	746	6.34	cps
Erbium	164-1	183	233	242	219	14.38	cps
Erbium	164-2	110	153	123	129	17.22	cps
Gadolinium	160-1	917	917	992	942	4.60	cps
Gadolinium	160-2	827	850	770	816	5.04	cps
Holmium	165-1	12581675	12414626	12810946	12602416	1.58	cps
Holmium	165-2	8603837	8589978	8651609	8615141	0.38	cps
Indium	115-1	9880086	9859921	9877361	9872456	0.11	cps
Indium	115-2	3520184	3578847	3565756	3554929	0.87	cps
Iron	56-2	1254987495	1260241050	1273426740	1262885095	0.75	cps
Iron	57-2	31224857	31461543	31701451	31462617	0.76	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:29:51	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	67827060	68599802	68825028	68417297	0.77	cps
Krypton	83-1	4687	5004	5341	5011	6.52	cps
Lead	206-1	13034	12812	12350	12732	2.74	cps
Lead	207-1	11110	11183	11044	11112	0.63	cps
Lead	208-1	51589	50921	51156	51222	0.66	cps
Lithium	6-1	2506829	2572142	2541521	2540164	1.29	cps
Magnesium	24-2	274613506	275378784	278911378	276301223	0.83	cps
Manganese	55-2	30110	30705	30761	30525	1.18	cps
Molybdenum	94-1	15075	14324	14366	14588	2.89	cps
Molybdenum	95-1	18979	18011	17119	18037	5.16	cps
Molybdenum	96-1	26683	26024	26299	26335	1.26	cps
Molybdenum	97-1	11113	10754	10754	10874	1.90	cps
Molybdenum	98-1	27669	27268	28178	27705	1.65	cps
Neodymium	150-1	133	127	140	133	5.00	cps
Neodymium	150-2	93	90	107	97	9.13	cps
Nickel	60-2	19393	19993	20043	19810	1.83	cps
Phosphorus	31-2	508	467	467	481	5.01	cps
Potassium	39-2	143634599	146993820	147618682	146082367	1.47	cps
Rhodium	103-1	8804169	8984408	8936669	8908415	1.05	cps
Rhodium	103-2	5669702	5786394	5761760	5739285	1.07	cps
Scandium	45-1	7054591	6966303	7216495	7079130	1.79	cps
Scandium	45-2	623200	621121	628174	624165	0.58	cps
Selenium	82-1	357	333	-41	216	103.31	cps
Selenium	77-2	0	13	13	9	86.60	cps
Selenium	78-2	348	402	378	376	7.16	cps
Silicon	28-1	749696	766743	762042	759494	1.16	cps
Silver	107-1	5593	5851	5776	5740	2.32	cps
Silver	109-1	5560	5009	5501	5357	5.64	cps
Sodium	23-2	459958477	460738944	470463977	463720466	1.26	cps
Strontium	86-1	32495	34817	34274	33862	3.59	cps
Strontium	88-1	223575	228132	228670	226793	1.23	cps
Sulfur	34-1	285105	283332	289172	285870	1.05	cps
Terbium	159-1	12696763	12948506	13390517	13011929	2.70	cps
Terbium	159-2	8632388	8636782	8627243	8632137	0.06	cps
Thallium	203-1	5851	5435	5243	5510	5.65	cps
Thallium	205-1	12706	12039	12189	12311	2.84	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:29:51	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	3628	3534	3539	3567	1.49	cps
Tin	118-1	29748	30934	31042	30575	2.35	cps
Titanium	47-1	3042	3009	3225	3092	3.77	cps
Uranium	238-1	4651	4843	4318	4604	5.77	cps
Vanadium	51-2	1277	1153	1233	1221	5.12	cps
Yttrium	89-1	15785259	15916441	16279454	15993718	1.60	cps
Yttrium	89-2	4108658	4237721	4127617	4157999	1.68	cps
Zinc	66-2	29239	30034	30024	29765	1.53	cps
Zirconium	90-1	10913	10821	10629	10788	1.34	cps
Zirconium	91-1	2542	2175	2467	2395	8.09	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	ICV19	Instrumnet Name :	P7
Client Sample ID :	ICV19	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:50:55	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167279	164225	164836	165446	0.98	cps
Antimony	121-1	2156654	2168206	2162920	2162593	0.27	cps
Arsenic	75-2	131849	132768	132822	132480	0.41	cps
Barium	135-1	259324	259216	259234	259258	0.02	cps
Barium	137-1	451035	454711	451595	452447	0.44	cps
Beryllium	9-1	213800	211966	213877	213214	0.51	cps
Bismuth	209-1	8679603	8866973	8820875	8789150	1.11	cps
Bismuth	209-2	6789478	6775347	6725689	6763504	0.50	cps
Boron	10-1	249814	254383	259926	254708	1.99	cps
Boron	11-1	1164374	1169473	1208688	1180845	2.05	cps
Bromine	81-1	11922	11413	12105	11813	3.04	cps
Bromine	81-2	110	90	70	90	22.22	cps
Cadmium	111-1	286213	288484	289386	288028	0.57	cps
Cadmium	106-1	62075	61489	61004	61523	0.87	cps
Cadmium	108-1	38635	38392	38334	38454	0.41	cps
Calcium	43-1	87779	86681	88474	87645	1.03	cps
Calcium	44-1	1260147	1282592	1284054	1275598	1.05	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	587833	580275	573593	580567	1.23	cps
Cobalt	59-2	899123	900041	898986	899383	0.06	cps
Copper	63-2	624059	617067	627007	622711	0.82	cps
Dysprosium	156-1	33	17	58	36	58.07	cps
Dysprosium	156-2	20	27	37	28	30.20	cps
Erbium	164-1	92	75	67	78	16.37	cps
Erbium	164-2	63	103	70	79	27.17	cps
Gadolinium	160-1	75	50	67	64	19.92	cps
Gadolinium	160-2	210	147	237	198	23.37	cps
Holmium	165-1	13643427	13441378	13373743	13486183	1.04	cps
Holmium	165-2	9027779	8897255	8987823	8970952	0.75	cps
Indium	115-1	11037185	11176448	11264104	11159246	1.03	cps
Indium	115-2	3825624	3803340	3789020	3805995	0.48	cps
Iron	56-2	10391449	10280177	10272898	10314841	0.64	cps
Iron	57-2	261404	257972	258984	259453	0.68	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	ICV19	Instrumnet Name :	P7
Client Sample ID :	ICV19	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:50:55	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	604474	595131	595898	598501	0.87	cps
Krypton	83-1	5341	5161	5138	5213	2.14	cps
Lead	206-1	1886772	1857194	1870557	1871507	0.79	cps
Lead	207-1	1454231	1468236	1471870	1464779	0.64	cps
Lead	208-1	7268303	7314216	7348790	7310436	0.55	cps
Lithium	6-1	2825946	2888955	2844406	2853102	1.14	cps
Magnesium	24-2	659335	646833	662390	656186	1.26	cps
Manganese	55-2	418472	417579	421712	419255	0.52	cps
Molybdenum	94-1	21539518	21739030	21623181	21633910	0.46	cps
Molybdenum	95-1	30578354	30698852	30728149	30668451	0.26	cps
Molybdenum	96-1	33644077	33813241	33626976	33694765	0.31	cps
Molybdenum	97-1	18983124	19064102	18892464	18979897	0.45	cps
Molybdenum	98-1	49179806	48758964	49012195	48983655	0.43	cps
Neodymium	150-1	27	33	20	27	24.99	cps
Neodymium	150-2	13	7	7	9	43.25	cps
Nickel	60-2	246400	245623	246213	246079	0.16	cps
Phosphorus	31-2	317	233	425	325	29.57	cps
Potassium	39-2	1181983	1170964	1180450	1177799	0.51	cps
Rhodium	103-1	10923587	10743400	10912446	10859811	0.93	cps
Rhodium	103-2	6781809	6666188	6720454	6722817	0.86	cps
Scandium	45-1	7739876	7750961	7790074	7760304	0.34	cps
Scandium	45-2	647542	650391	656270	651401	0.68	cps
Selenium	82-1	44571	44547	45517	44878	1.23	cps
Selenium	77-2	4204	4087	4197	4163	1.57	cps
Selenium	78-2	14146	14166	14159	14157	0.07	cps
Silicon	28-1	4747729	4814325	4797558	4786537	0.72	cps
Silver	107-1	718191	717521	719206	718306	0.12	cps
Silver	109-1	664014	678754	682664	675144	1.46	cps
Sodium	23-2	1924974	1927947	1925061	1925994	0.09	cps
Strontium	86-1	2182238	2132252	2164261	2159584	1.17	cps
Strontium	88-1	18630330	18458413	18710918	18599887	0.69	cps
Sulfur	34-1	315616	308609	310482	311569	1.16	cps
Terbium	159-1	14061419	14029348	14048125	14046297	0.11	cps
Terbium	159-2	9141676	9109267	9004435	9085126	0.79	cps
Thallium	203-1	2297771	2240801	2245051	2261207	1.40	cps
Thallium	205-1	5362324	5264853	5359848	5329009	1.04	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	ICV19	Instrumnet Name :	P7
Client Sample ID :	ICV19	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 14:50:55	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	439	467	544	483	11.32	cps
Tin	118-1	4956099	5021648	5001129	4992959	0.67	cps
Titanium	47-1	8542678	8588333	8553477	8561496	0.28	cps
Uranium	238-1	18751008	18830095	18880733	18820612	0.35	cps
Vanadium	51-2	472059	476513	473871	474148	0.47	cps
Yttrium	89-1	17581463	17636889	17540919	17586424	0.27	cps
Yttrium	89-2	4285519	4308244	4301641	4298468	0.27	cps
Zinc	66-2	213132	213254	213401	213262	0.06	cps
Zirconium	90-1	10842455	11093748	11026133	10987445	1.18	cps
Zirconium	91-1	2448752	2500397	2458691	2469280	1.11	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:01:55	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6118	6440	6257	6272	2.58	cps
Antimony	121-1	21942	21809	21383	21711	1.34	cps
Arsenic	75-2	765	706	757	743	4.35	cps
Barium	135-1	25916	25356	26183	25818	1.63	cps
Barium	137-1	44295	44086	43618	43999	0.79	cps
Beryllium	9-1	2394	2490	2377	2420	2.53	cps
Bismuth	209-1	8738750	8563389	8702517	8668219	1.07	cps
Bismuth	209-2	6658945	6695657	6705897	6686833	0.37	cps
Boron	10-1	12839	14040	14607	13829	6.53	cps
Boron	11-1	62978	66518	66693	65397	3.21	cps
Bromine	81-1	10871	12164	12147	11727	6.32	cps
Bromine	81-2	50	80	100	77	32.83	cps
Cadmium	111-1	3281	3256	3203	3246	1.23	cps
Cadmium	106-1	6252	6043	6168	6154	1.70	cps
Cadmium	108-1	275	354	238	289	20.62	cps
Calcium	43-1	19513	19480	18820	19271	2.03	cps
Calcium	44-1	317372	321845	320673	319964	0.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13803	14100	14050	13984	1.14	cps
Cobalt	59-2	9163	9120	9073	9118	0.49	cps
Copper	63-2	14671	14447	14287	14468	1.33	cps
Dysprosium	156-1	8	17	42	22	78.07	cps
Dysprosium	156-2	10	10	0	7	86.60	cps
Erbium	164-1	125	92	125	114	16.90	cps
Erbium	164-2	67	53	67	62	12.38	cps
Gadolinium	160-1	92	67	58	72	24.02	cps
Gadolinium	160-2	167	207	177	183	11.35	cps
Holmium	165-1	13415110	13228273	13167310	13270231	0.97	cps
Holmium	165-2	8916470	9140098	8875275	8977281	1.59	cps
Indium	115-1	11286441	11250071	11282897	11273136	0.18	cps
Indium	115-2	3886634	3975744	3918545	3926974	1.15	cps
Iron	56-2	280922	286568	282803	283431	1.01	cps
Iron	57-2	7152	7385	6885	7141	3.51	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:01:55	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	16756	17939	16706	17134	4.07	cps
Krypton	83-1	5518	5178	4961	5219	5.38	cps
Lead	206-1	8797	8953	8770	8840	1.12	cps
Lead	207-1	8175	7986	7713	7958	2.91	cps
Lead	208-1	36659	36603	35791	36351	1.34	cps
Lithium	6-1	2889941	2908197	2844492	2880877	1.14	cps
Magnesium	24-2	291246	295999	294662	293969	0.83	cps
Manganese	55-2	4931	4524	5174	4876	6.74	cps
Molybdenum	94-1	25698	25055	25757	25503	1.53	cps
Molybdenum	95-1	29539	30432	29998	29990	1.49	cps
Molybdenum	96-1	32946	34425	33347	33573	2.28	cps
Molybdenum	97-1	18621	18245	18646	18504	1.21	cps
Molybdenum	98-1	47202	47679	47010	47297	0.73	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	2510	2834	2730	2691	6.14	cps
Phosphorus	31-2	517	692	483	564	19.85	cps
Potassium	39-2	370839	379225	366507	372190	1.74	cps
Rhodium	103-1	10859302	10838371	10918990	10872221	0.38	cps
Rhodium	103-2	6827794	6884289	6794863	6835649	0.66	cps
Scandium	45-1	7813338	7887037	7614619	7771665	1.81	cps
Scandium	45-2	654636	664471	662850	660652	0.80	cps
Selenium	82-1	856	1409	1324	1197	24.87	cps
Selenium	77-2	110	117	87	104	15.08	cps
Selenium	78-2	674	674	672	673	0.16	cps
Silicon	28-1	586324	591137	593023	590161	0.59	cps
Silver	107-1	10871	13198	14441	12837	14.12	cps
Silver	109-1	11004	13131	13582	12573	10.95	cps
Sodium	23-2	507898	517984	515094	513659	1.01	cps
Strontium	86-1	12481	11797	12639	12305	3.64	cps
Strontium	88-1	33430	34842	34232	34168	2.07	cps
Sulfur	34-1	335808	337903	337578	337096	0.33	cps
Terbium	159-1	13797001	13708149	13759879	13755010	0.32	cps
Terbium	159-2	9063470	9286785	9180282	9176846	1.22	cps
Thallium	203-1	10338	10730	10838	10635	2.47	cps
Thallium	205-1	24965	25608	25951	25508	1.96	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:01:55	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	32835	34456	34367	33886	2.69	cps
Tin	118-1	45756	47571	47512	46947	2.20	cps
Titanium	47-1	8786	8978	8811	8858	1.18	cps
Uranium	238-1	32173	32966	31538	32226	2.22	cps
Vanadium	51-2	25007	25124	25381	25171	0.76	cps
Yttrium	89-1	17415785	17543087	17365477	17441450	0.52	cps
Yttrium	89-2	4342625	4330936	4387129	4353563	0.68	cps
Zinc	66-2	2700	2904	2810	2805	3.63	cps
Zirconium	90-1	21191	22443	22159	21931	2.99	cps
Zirconium	91-1	4784	4943	4834	4854	1.67	cps

LB Number : LB121156 Operator : Jaswal
 Lab Sample ID : ICB19 Instrumnet Name : P7
 Client Sample ID : ICB19 Dilution Factor : 1
 Date & Time Acquired : 2022-05-07 15:04:56 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	244	233	220	14.77	cps
Antimony	121-1	350	292	308	317	9.49	cps
Arsenic	75-2	24	13	37	25	48.81	cps
Barium	135-1	50	58	75	61	20.83	cps
Barium	137-1	58	92	92	81	23.89	cps
Beryllium	9-1	60	87	53	67	26.46	cps
Bismuth	209-1	8719354	8527592	9121774	8789573	3.45	cps
Bismuth	209-2	6610557	6685834	6758822	6685071	1.11	cps
Boron	10-1	1875	1558	1483	1639	12.69	cps
Boron	11-1	7402	7577	7602	7527	1.45	cps
Bromine	81-1	11413	12614	11813	11947	5.12	cps
Bromine	81-2	70	60	110	80	33.07	cps
Cadmium	111-1	418	358	348	375	10.11	cps
Cadmium	106-1	6502	5893	6176	6190	4.92	cps
Cadmium	108-1	21	29	42	31	34.33	cps
Calcium	43-1	217	325	192	244	28.99	cps
Calcium	44-1	17744	17753	17410	17636	1.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2260	2357	2380	2332	2.73	cps
Cobalt	59-2	167	183	143	164	12.22	cps
Copper	63-2	1073	1063	1010	1049	3.25	cps
Dysprosium	156-1	8	8	50	22	108.27	cps
Dysprosium	156-2	7	23	3	11	96.43	cps
Erbium	164-1	133	75	108	106	27.73	cps
Erbium	164-2	63	83	83	77	15.06	cps
Gadolinium	160-1	17	42	58	39	53.93	cps
Gadolinium	160-2	203	167	173	181	10.78	cps
Holmium	165-1	13537589	13065399	14050098	13551029	3.63	cps
Holmium	165-2	8870071	8988547	9078754	8979124	1.17	cps
Indium	115-1	11327466	11067165	11999408	11464680	4.20	cps
Indium	115-2	4055561	3890335	3986988	3977628	2.09	cps
Iron	56-2	15419	15236	15770	15475	1.75	cps
Iron	57-2	433	389	478	433	10.26	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	ICB19	Instrumnet Name :	P7
Client Sample ID :	ICB19	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:04:56	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1672	1552	1642	1622	3.86	cps
Krypton	83-1	5068	5421	5528	5339	4.51	cps
Lead	206-1	756	867	744	789	8.57	cps
Lead	207-1	678	794	650	707	10.83	cps
Lead	208-1	3078	3539	3217	3278	7.22	cps
Lithium	6-1	2883030	2827189	2979328	2896516	2.66	cps
Magnesium	24-2	739	617	650	669	9.45	cps
Manganese	55-2	393	387	463	414	10.25	cps
Molybdenum	94-1	700	633	700	678	5.68	cps
Molybdenum	95-1	342	375	283	333	13.92	cps
Molybdenum	96-1	517	483	458	486	6.02	cps
Molybdenum	97-1	242	250	258	250	3.33	cps
Molybdenum	98-1	775	458	425	553	34.95	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	250	220	240	237	6.46	cps
Phosphorus	31-2	267	292	325	294	9.94	cps
Potassium	39-2	62052	61860	62872	62261	0.86	cps
Rhodium	103-1	10883339	10638691	11443199	10988410	3.75	cps
Rhodium	103-2	6898957	6746316	6956084	6867119	1.58	cps
Scandium	45-1	7889363	7603730	8161011	7884701	3.53	cps
Scandium	45-2	651569	656308	662025	656634	0.80	cps
Selenium	82-1	136	-203	-229	-99	-206.15	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	370	333	278	327	14.25	cps
Silicon	28-1	519908	523907	532337	525384	1.21	cps
Silver	107-1	492	408	458	453	9.26	cps
Silver	109-1	433	442	283	386	23.08	cps
Sodium	23-2	32061	31226	32128	31805	1.58	cps
Strontium	86-1	8102	8319	8253	8225	1.35	cps
Strontium	88-1	658	683	567	636	9.66	cps
Sulfur	34-1	341743	342946	337321	340670	0.87	cps
Terbium	159-1	13994536	13501339	14609088	14034987	3.95	cps
Terbium	159-2	9089476	9163044	9124063	9125528	0.40	cps
Thallium	203-1	875	767	1008	883	13.70	cps
Thallium	205-1	2042	2125	2209	2125	3.92	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	ICB19	Instrumnet Name :	P7
Client Sample ID :	ICB19	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:04:56	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	100	128	128	119	13.53	cps
Tin	118-1	958	783	875	872	10.04	cps
Titanium	47-1	175	217	175	189	12.73	cps
Uranium	238-1	100	183	108	131	35.16	cps
Vanadium	51-2	50	37	70	52	32.12	cps
Yttrium	89-1	17754101	17099510	18536058	17796556	4.04	cps
Yttrium	89-2	4350449	4312906	4368398	4343918	0.65	cps
Zinc	66-2	597	597	573	589	2.29	cps
Zirconium	90-1	1233	1008	1183	1142	10.35	cps
Zirconium	91-1	225	225	250	233	6.19	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	ICSA19	Instrumnet Name :	P7
Client Sample ID :	ICSA19	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:07:51	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	29213362	29209497	29050523	29157794	0.32	cps
Antimony	121-1	12014	11947	12681	12214	3.32	cps
Arsenic	75-2	241	231	222	231	4.00	cps
Barium	135-1	3709	3884	3826	3806	2.34	cps
Barium	137-1	6310	6643	7135	6696	6.20	cps
Beryllium	9-1	580	660	607	616	6.62	cps
Bismuth	209-1	8128876	8232790	8304133	8221933	1.07	cps
Bismuth	209-2	6290489	6437609	6326869	6351656	1.21	cps
Boron	10-1	1667	1783	1458	1636	10.06	cps
Boron	11-1	7035	6677	6952	6888	2.72	cps
Bromine	81-1	12281	13582	13173	13012	5.11	cps
Bromine	81-2	300	270	220	264	15.35	cps
Cadmium	111-1	1730	1690	1723	1714	1.24	cps
Cadmium	106-1	5893	5910	5885	5896	0.22	cps
Cadmium	108-1	2784	2759	2746	2763	0.69	cps
Calcium	43-1	3639633	3751221	3667583	3686145	1.58	cps
Calcium	44-1	58728499	59532499	58574843	58945280	0.87	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	115001	115697	115864	115520	0.40	cps
Cobalt	59-2	10557	10360	10584	10500	1.16	cps
Copper	63-2	46128	45700	46703	46177	1.09	cps
Dysprosium	156-1	75	67	67	69	6.93	cps
Dysprosium	156-2	37	53	40	43	20.34	cps
Erbium	164-1	150	100	142	131	20.52	cps
Erbium	164-2	83	110	90	94	14.70	cps
Gadolinium	160-1	108	67	92	89	23.59	cps
Gadolinium	160-2	213	240	257	237	9.23	cps
Holmium	165-1	13565288	13723186	13462366	13583614	0.97	cps
Holmium	165-2	9070690	9226854	9078925	9125490	0.96	cps
Indium	115-1	10884765	11094083	10956974	10978607	0.97	cps
Indium	115-2	3782278	3787971	3760235	3776828	0.39	cps
Iron	56-2	516275978	514286834	524668423	518410412	1.06	cps
Iron	57-2	12865242	12717261	12835813	12806105	0.61	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	ICSA19	Instrumnet Name :	P7
Client Sample ID :	ICSA19	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:07:51	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	28292022	28725889	28094740	28370884	1.14	cps
Krypton	83-1	5161	4984	5311	5152	3.17	cps
Lead	206-1	38243	39340	37914	38499	1.94	cps
Lead	207-1	29421	30802	30752	30325	2.58	cps
Lead	208-1	143982	146980	146492	145818	1.10	cps
Lithium	6-1	2735938	2701953	2674000	2703964	1.15	cps
Magnesium	24-2	55185375	55310653	54175748	54890592	1.13	cps
Manganese	55-2	32241	32639	32372	32417	0.62	cps
Molybdenum	94-1	6667814	6687974	6736413	6697400	0.53	cps
Molybdenum	95-1	11471786	11683839	11702240	11619288	1.10	cps
Molybdenum	96-1	12505959	12708244	12502985	12572396	0.94	cps
Molybdenum	97-1	7173045	7290553	7243501	7235700	0.82	cps
Molybdenum	98-1	18353531	18768904	18799962	18640799	1.34	cps
Neodymium	150-1	27	80	47	51	52.71	cps
Neodymium	150-2	17	27	40	28	42.13	cps
Nickel	60-2	12292	12158	12182	12211	0.58	cps
Phosphorus	31-2	1467624	1483694	1485371	1478896	0.66	cps
Potassium	39-2	57720064	57893903	58563193	58059053	0.77	cps
Rhodium	103-1	10075234	10286739	10105130	10155701	1.13	cps
Rhodium	103-2	6345167	6335447	6301918	6327511	0.36	cps
Scandium	45-1	7702781	7681242	7565149	7649724	0.97	cps
Scandium	45-2	643483	641786	646832	644034	0.40	cps
Selenium	82-1	-69	149	-163	-28	-577.58	cps
Selenium	77-2	10	7	7	8	24.71	cps
Selenium	78-2	280	304	315	299	6.01	cps
Silicon	28-1	639266	642114	646277	642552	0.55	cps
Silver	107-1	1967	1217	1125	1436	32.15	cps
Silver	109-1	1642	1450	942	1345	26.91	cps
Sodium	23-2	95182649	95325569	94678255	95062158	0.36	cps
Strontium	86-1	142840	144026	143277	143381	0.42	cps
Strontium	88-1	1170199	1193480	1178345	1180675	1.00	cps
Sulfur	34-1	6520166	6588142	6515536	6541281	0.62	cps
Terbium	159-1	14048144	14186756	14073605	14102835	0.52	cps
Terbium	159-2	9313918	9299384	9159327	9257543	0.92	cps
Thallium	203-1	2359	2650	2800	2603	8.63	cps
Thallium	205-1	5501	6627	6877	6335	11.57	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	ICSA19	Instrumnet Name :	P7
Client Sample ID :	ICSA19	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:07:51	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	78	128	89	98	26.75	cps
Tin	118-1	2434	2217	2067	2239	8.23	cps
Titanium	47-1	3491012	3522254	3447673	3486980	1.07	cps
Uranium	238-1	617	608	833	686	18.59	cps
Vanadium	51-2	770	857	903	843	8.02	cps
Yttrium	89-1	17314680	17651169	17214863	17393571	1.31	cps
Yttrium	89-2	4253550	4250469	4342706	4282242	1.22	cps
Zinc	66-2	14244	14057	14567	14289	1.81	cps
Zirconium	90-1	1375	1450	1433	1420	2.77	cps
Zirconium	91-1	317	183	375	292	33.69	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	ICSAB19	Instrumnet Name :	P7
Client Sample ID :	ICSAB19	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:10:38	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	29453245	29093881	29213665	29253597	0.63	cps
Antimony	121-1	229194	232061	229439	230231	0.69	cps
Arsenic	75-2	13601	13484	13584	13556	0.47	cps
Barium	135-1	56563	58564	58730	57953	2.08	cps
Barium	137-1	99204	99045	101043	99764	1.11	cps
Beryllium	9-1	42177	42735	42969	42627	0.95	cps
Bismuth	209-1	8503741	8461202	8358328	8441090	0.89	cps
Bismuth	209-2	6446163	6429971	6397650	6424595	0.38	cps
Boron	10-1	17160	17135	17377	17224	0.77	cps
Boron	11-1	80383	84716	82997	82699	2.64	cps
Bromine	81-1	13473	13623	12831	13309	3.16	cps
Bromine	81-2	280	200	150	210	31.22	cps
Cadmium	111-1	55123	56874	57354	56450	2.08	cps
Cadmium	106-1	13874	14099	13774	13915	1.20	cps
Cadmium	108-1	7123	7406	7431	7320	2.34	cps
Calcium	43-1	3731505	3688190	3712455	3710717	0.59	cps
Calcium	44-1	59285537	59872776	59474160	59544158	0.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	231869	229118	231682	230890	0.67	cps
Cobalt	59-2	185304	185141	186169	185538	0.30	cps
Copper	63-2	166475	166241	165922	166213	0.17	cps
Dysprosium	156-1	25	58	75	53	48.24	cps
Dysprosium	156-2	43	37	27	36	23.58	cps
Erbium	164-1	108	125	125	119	8.05	cps
Erbium	164-2	90	107	97	98	8.58	cps
Gadolinium	160-1	92	125	142	119	21.31	cps
Gadolinium	160-2	177	207	230	204	13.08	cps
Holmium	165-1	13783921	14084602	13779156	13882560	1.26	cps
Holmium	165-2	9170637	9292431	9194523	9219197	0.70	cps
Indium	115-1	11086449	11131673	10933492	11050538	0.94	cps
Indium	115-2	3808271	3840090	3806995	3818452	0.49	cps
Iron	56-2	532284090	520582045	518895289	523920475	1.39	cps
Iron	57-2	13018938	13095500	12762582	12959006	1.35	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	ICSAB19	Instrumnet Name :	P7
Client Sample ID :	ICSAB19	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:10:38	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	28699848	28459592	28525912	28561784	0.43	cps
Krypton	83-1	5061	5164	5141	5122	1.06	cps
Lead	206-1	207280	211596	210665	209847	1.08	cps
Lead	207-1	171849	175137	175018	174001	1.07	cps
Lead	208-1	809527	819318	816790	815212	0.62	cps
Lithium	6-1	2779951	2722513	2733324	2745262	1.11	cps
Magnesium	24-2	55086080	55024498	55225254	55111944	0.19	cps
Manganese	55-2	115223	113719	114162	114368	0.68	cps
Molybdenum	94-1	7308791	7439237	7400653	7382893	0.91	cps
Molybdenum	95-1	12047269	12204973	12014162	12088801	0.84	cps
Molybdenum	96-1	13189458	13329659	13143328	13220815	0.73	cps
Molybdenum	97-1	7518763	7636949	7642687	7599466	0.92	cps
Molybdenum	98-1	19410105	19345137	19286548	19347263	0.32	cps
Neodymium	150-1	40	73	27	47	51.51	cps
Neodymium	150-2	37	20	20	26	37.66	cps
Nickel	60-2	56513	56837	56757	56702	0.30	cps
Phosphorus	31-2	1490900	1484780	1465663	1480448	0.89	cps
Potassium	39-2	58878387	58809412	57786828	58491542	1.05	cps
Rhodium	103-1	10342935	10192978	10219401	10251771	0.78	cps
Rhodium	103-2	6441454	6419786	6367238	6409492	0.60	cps
Scandium	45-1	7756301	7879007	7778148	7804485	0.84	cps
Scandium	45-2	653843	650124	646949	650305	0.53	cps
Selenium	82-1	4410	4300	4455	4388	1.81	cps
Selenium	77-2	433	447	357	412	11.78	cps
Selenium	78-2	1663	1685	1669	1672	0.69	cps
Silicon	28-1	1048420	1051776	1046397	1048864	0.26	cps
Silver	107-1	272482	279475	274395	275451	1.31	cps
Silver	109-1	257942	259959	260180	259360	0.48	cps
Sodium	23-2	94989722	94875488	95457335	95107515	0.32	cps
Strontium	86-1	364498	369627	370634	368253	0.89	cps
Strontium	88-1	3174016	3179088	3201126	3184743	0.45	cps
Sulfur	34-1	6581568	6580787	6449332	6537229	1.16	cps
Terbium	159-1	14450103	14348764	14275590	14358152	0.61	cps
Terbium	159-2	9146690	9242264	9334478	9241144	1.02	cps
Thallium	203-1	213576	214093	213065	213578	0.24	cps
Thallium	205-1	494735	507758	497805	500099	1.36	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	ICSAB19	Instrumnet Name :	P7
Client Sample ID :	ICSAB19	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:10:38	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	161	122	161	148	15.15	cps
Tin	118-1	507415	515098	507593	510035	0.86	cps
Titanium	47-1	3571551	3615086	3592635	3593090	0.61	cps
Uranium	238-1	2003275	2016819	1995774	2005290	0.53	cps
Vanadium	51-2	98589	97938	97190	97906	0.72	cps
Yttrium	89-1	17780558	17762529	17700157	17747748	0.24	cps
Yttrium	89-2	4347352	4350955	4314650	4337652	0.46	cps
Zinc	66-2	35536	36047	35282	35621	1.09	cps
Zirconium	90-1	1151816	1163476	1145590	1153627	0.79	cps
Zirconium	91-1	256732	258613	258070	257805	0.38	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	CCV62	Instrumnet Name :	P7
Client Sample ID :	CCV62	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:26:21	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15279066	15507243	15362645	15382985	0.75	cps
Antimony	121-1	5738504	5820274	5870668	5809815	1.15	cps
Arsenic	75-2	322046	325204	324978	324076	0.54	cps
Barium	135-1	6659140	6673003	6887342	6739828	1.90	cps
Barium	137-1	11630246	11636560	11878553	11715120	1.21	cps
Beryllium	9-1	998426	1006596	1010694	1005239	0.62	cps
Bismuth	209-1	8229564	8300949	8123007	8217840	1.09	cps
Bismuth	209-2	6139602	6186783	6179520	6168635	0.41	cps
Boron	10-1	235073	239165	245697	239978	2.23	cps
Boron	11-1	1093150	1126116	1171554	1130273	3.48	cps
Bromine	81-1	12022	12180	12189	12130	0.77	cps
Bromine	81-2	90	120	70	93	26.96	cps
Cadmium	111-1	1392657	1402069	1402629	1399118	0.40	cps
Cadmium	106-1	163912	167122	166767	165934	1.06	cps
Cadmium	108-1	115721	116185	117615	116507	0.85	cps
Calcium	43-1	8975014	9061646	9081414	9039358	0.63	cps
Calcium	44-1	142418903	144612928	143249316	143427049	0.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2900073	2990132	2944890	2945032	1.53	cps
Cobalt	59-2	4429248	4389951	4399972	4406390	0.46	cps
Copper	63-2	32040383	32648391	32193627	32294134	0.98	cps
Dysprosium	156-1	683	708	808	733	9.02	cps
Dysprosium	156-2	533	587	640	587	9.09	cps
Erbium	164-1	183	150	183	172	11.18	cps
Erbium	164-2	107	100	127	111	12.49	cps
Gadolinium	160-1	767	550	508	608	22.80	cps
Gadolinium	160-2	660	553	550	588	10.64	cps
Holmium	165-1	13669276	13501446	13552859	13574527	0.63	cps
Holmium	165-2	9129747	9177557	9083310	9130205	0.52	cps
Indium	115-1	10715872	10789071	10727016	10743986	0.37	cps
Indium	115-2	3712351	3744180	3798566	3751699	1.16	cps
Iron	56-2	624505370	633250236	640658903	632804836	1.28	cps
Iron	57-2	15733133	16062907	15707174	15834405	1.25	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	CCV62	Instrumnet Name :	P7
Client Sample ID :	CCV62	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:26:21	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	34842140	35590987	35119856	35184328	1.08	cps
Krypton	83-1	5048	5284	4948	5093	3.40	cps
Lead	206-1	21862217	22441855	22083028	22129033	1.32	cps
Lead	207-1	19260200	19737519	19432621	19476780	1.24	cps
Lead	208-1	88737396	90342888	89358803	89479696	0.90	cps
Lithium	6-1	2625776	2636469	2627341	2629862	0.22	cps
Magnesium	24-2	141564828	141332998	141029442	141309089	0.19	cps
Manganese	55-2	21045593	21431219	21374248	21283687	0.98	cps
Molybdenum	94-1	21231731	21497735	21485887	21405118	0.70	cps
Molybdenum	95-1	29824651	30191939	30433629	30150073	1.02	cps
Molybdenum	96-1	32697438	33347139	33530092	33191557	1.32	cps
Molybdenum	97-1	18491808	18710223	18861786	18687939	1.00	cps
Molybdenum	98-1	47339541	48320755	48491443	48050580	1.29	cps
Neodymium	150-1	440	533	393	456	15.65	cps
Neodymium	150-2	127	147	123	132	9.54	cps
Nickel	60-2	1139298	1154116	1150608	1148007	0.67	cps
Phosphorus	31-2	153725	154313	154391	154143	0.24	cps
Potassium	39-2	72696033	72729514	73048643	72824730	0.27	cps
Rhodium	103-1	9880537	9969578	10045319	9965145	0.83	cps
Rhodium	103-2	6198841	6271601	6308480	6259641	0.89	cps
Scandium	45-1	7711357	7823484	7732491	7755777	0.77	cps
Scandium	45-2	650832	649627	655144	651868	0.44	cps
Selenium	82-1	108761	110121	112563	110482	1.74	cps
Selenium	77-2	10300	10557	10077	10311	2.33	cps
Selenium	78-2	35231	35379	35381	35330	0.24	cps
Silicon	28-1	30886423	31103605	31539665	31176564	1.07	cps
Silver	107-1	7363380	7344635	7377624	7361880	0.22	cps
Silver	109-1	7066478	7048114	7031097	7048563	0.25	cps
Sodium	23-2	233383572	231313894	233775555	232824340	0.57	cps
Strontium	86-1	2028263	2040050	2038754	2035689	0.32	cps
Strontium	88-1	17552212	17784711	17917207	17751377	1.04	cps
Sulfur	34-1	916884	917404	921766	918685	0.29	cps
Terbium	159-1	13923990	14082919	14027320	14011410	0.58	cps
Terbium	159-2	9130804	9229215	9327963	9229327	1.07	cps
Thallium	203-1	5371509	5383752	5379405	5378222	0.12	cps
Thallium	205-1	12455681	12788275	12710533	12651496	1.38	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	CCV62	Instrumnet Name :	P7
Client Sample ID :	CCV62	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:26:21	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	20069905	20089114	20126888	20095303	0.14	cps
Tin	118-1	4707461	4718773	4830449	4752228	1.43	cps
Titanium	47-1	8547589	8765582	8767480	8693550	1.45	cps
Uranium	238-1	18447396	18699883	18646268	18597849	0.72	cps
Vanadium	51-2	2510283	2541214	2553902	2535133	0.89	cps
Yttrium	89-1	17417578	17610871	17378405	17468951	0.71	cps
Yttrium	89-2	4350335	4372425	4307494	4343418	0.76	cps
Zinc	66-2	5272011	5360422	5289439	5307291	0.88	cps
Zirconium	90-1	10912856	10990015	10940886	10947919	0.36	cps
Zirconium	91-1	2441408	2424631	2446552	2437530	0.47	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	CCB62	Instrumnet Name :	P7
Client Sample ID :	CCB62	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:36:38	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	294	339	389	341	13.87	cps
Antimony	121-1	675	817	950	814	16.90	cps
Arsenic	75-2	19	13	24	19	30.00	cps
Barium	135-1	125	92	83	100	22.04	cps
Barium	137-1	133	117	133	128	7.53	cps
Beryllium	9-1	70	57	40	56	27.06	cps
Bismuth	209-1	9996274	8987454	8913779	9299169	6.50	cps
Bismuth	209-2	6799738	6783651	6870145	6817845	0.67	cps
Boron	10-1	1308	1125	1100	1178	9.66	cps
Boron	11-1	6351	6176	5643	6057	6.09	cps
Bromine	81-1	13023	12297	12464	12595	3.02	cps
Bromine	81-2	90	80	30	67	48.22	cps
Cadmium	111-1	339	333	348	340	2.21	cps
Cadmium	106-1	6527	5835	5660	6007	7.63	cps
Cadmium	108-1	100	54	25	60	63.30	cps
Calcium	43-1	233	225	233	231	2.09	cps
Calcium	44-1	19663	18704	18503	18957	3.27	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2504	2404	2647	2518	4.86	cps
Cobalt	59-2	170	167	217	184	15.16	cps
Copper	63-2	1400	1290	1307	1332	4.45	cps
Dysprosium	156-1	25	17	25	22	21.64	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	117	50	92	86	39.11	cps
Erbium	164-2	53	77	53	61	22.05	cps
Gadolinium	160-1	92	108	75	92	18.18	cps
Gadolinium	160-2	193	193	193	193	0.00	cps
Holmium	165-1	15301908	13725722	13644494	14224042	6.57	cps
Holmium	165-2	9193284	9176318	9262197	9210600	0.49	cps
Indium	115-1	13139290	11888879	11623723	12217298	6.63	cps
Indium	115-2	4018610	4067949	4051382	4045980	0.62	cps
Iron	56-2	21560	22011	23485	22352	4.50	cps
Iron	57-2	683	583	594	620	8.83	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	CCB62	Instrumnet Name :	P7
Client Sample ID :	CCB62	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:36:38	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2222	2092	2142	2152	3.05	cps
Krypton	83-1	5344	5431	5228	5334	1.91	cps
Lead	206-1	961	950	995	969	2.39	cps
Lead	207-1	833	867	917	872	4.81	cps
Lead	208-1	3867	3695	3750	3771	2.33	cps
Lithium	6-1	3036808	2860884	2842210	2913301	3.69	cps
Magnesium	24-2	1478	1567	1756	1600	8.87	cps
Manganese	55-2	523	613	547	561	8.32	cps
Molybdenum	94-1	767	633	658	686	10.33	cps
Molybdenum	95-1	658	458	317	478	35.93	cps
Molybdenum	96-1	917	633	633	728	22.48	cps
Molybdenum	97-1	467	375	308	383	20.74	cps
Molybdenum	98-1	858	767	733	786	8.23	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	227	233	230	230	1.45	cps
Phosphorus	31-2	233	300	325	286	16.56	cps
Potassium	39-2	65089	66897	65993	65993	1.37	cps
Rhodium	103-1	12455739	11081738	11106915	11548131	6.81	cps
Rhodium	103-2	6939837	7084302	7049897	7024679	1.07	cps
Scandium	45-1	8947252	8056901	7977105	8327086	6.47	cps
Scandium	45-2	661676	666603	667632	665304	0.48	cps
Selenium	82-1	8	-192	88	-32	-454.64	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	341	322	354	339	4.67	cps
Silicon	28-1	534925	533173	534657	534252	0.18	cps
Silver	107-1	300	283	383	322	16.63	cps
Silver	109-1	242	208	242	231	8.35	cps
Sodium	23-2	41723	41651	41996	41790	0.44	cps
Strontium	86-1	8027	8061	8586	8225	3.81	cps
Strontium	88-1	617	608	542	589	6.98	cps
Sulfur	34-1	338334	337015	335804	337051	0.38	cps
Terbium	159-1	15831226	14329386	14269055	14809889	5.98	cps
Terbium	159-2	9288512	9414825	9385890	9363076	0.71	cps
Thallium	203-1	1183	1175	1325	1228	6.87	cps
Thallium	205-1	2317	2734	2475	2509	8.39	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	CCB62	Instrumnet Name :	P7
Client Sample ID :	CCB62	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:36:38	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	328	322	383	344	9.81	cps
Tin	118-1	767	825	717	769	7.05	cps
Titanium	47-1	183	167	275	208	28.00	cps
Uranium	238-1	100	150	250	167	45.83	cps
Vanadium	51-2	73	113	70	86	28.18	cps
Yttrium	89-1	20167106	18331827	18172361	18890431	5.87	cps
Yttrium	89-2	4357541	4531548	4450218	4446436	1.96	cps
Zinc	66-2	553	600	610	588	5.15	cps
Zirconium	90-1	1275	1225	1217	1239	2.55	cps
Zirconium	91-1	292	250	275	272	7.70	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:42:24	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6374	6457	6540	6457	1.29	cps
Antimony	121-1	21166	21959	22084	21736	2.29	cps
Arsenic	75-2	809	767	682	752	8.65	cps
Barium	135-1	25106	25114	26033	25418	2.10	cps
Barium	137-1	44805	45666	44437	44969	1.40	cps
Beryllium	9-1	2280	2200	2274	2251	1.97	cps
Bismuth	209-1	8681476	9078839	9035447	8931921	2.44	cps
Bismuth	209-2	6865296	6734159	6917763	6839073	1.38	cps
Boron	10-1	13389	13314	14148	13617	3.39	cps
Boron	11-1	62970	66451	68619	66014	4.32	cps
Bromine	81-1	13381	12714	13265	13120	2.72	cps
Bromine	81-2	40	70	30	47	44.61	cps
Cadmium	111-1	3247	3340	3432	3339	2.77	cps
Cadmium	106-1	5951	6368	6235	6185	3.44	cps
Cadmium	108-1	217	242	183	214	13.68	cps
Calcium	43-1	19296	19338	19955	19530	1.89	cps
Calcium	44-1	329247	334430	333244	332307	0.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14447	14183	13863	14165	2.06	cps
Cobalt	59-2	9463	9333	9466	9421	0.81	cps
Copper	63-2	14334	14337	14544	14405	0.84	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	3	27	7	12	103.26	cps
Erbium	164-1	75	108	100	94	18.37	cps
Erbium	164-2	73	87	40	67	36.06	cps
Gadolinium	160-1	100	58	100	86	27.93	cps
Gadolinium	160-2	193	193	167	184	8.35	cps
Holmium	165-1	13566889	13735940	13891017	13731282	1.18	cps
Holmium	165-2	9386297	8952499	9397582	9245460	2.74	cps
Indium	115-1	11625324	11659915	11994047	11759762	1.73	cps
Indium	115-2	4023143	4138193	4101992	4087776	1.44	cps
Iron	56-2	291759	289649	287682	289697	0.70	cps
Iron	57-2	7163	7547	7374	7361	2.61	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:42:24	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	17638	17518	17207	17455	1.27	cps
Krypton	83-1	5454	5618	5431	5501	1.85	cps
Lead	206-1	8570	9203	8836	8870	3.59	cps
Lead	207-1	7947	7580	7586	7704	2.73	cps
Lead	208-1	35241	36175	34935	35450	1.82	cps
Lithium	6-1	2796043	2888119	2947968	2877377	2.66	cps
Magnesium	24-2	290821	286373	294136	290444	1.34	cps
Manganese	55-2	5074	4888	5064	5009	2.10	cps
Molybdenum	94-1	25431	25431	25206	25356	0.51	cps
Molybdenum	95-1	30148	30624	31409	30727	2.07	cps
Molybdenum	96-1	34449	34616	35769	34945	2.06	cps
Molybdenum	97-1	18679	18437	19931	19016	4.22	cps
Molybdenum	98-1	48097	48222	47871	48063	0.37	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	2897	2640	2697	2745	4.91	cps
Phosphorus	31-2	675	658	533	622	12.44	cps
Potassium	39-2	377593	373922	374235	375250	0.54	cps
Rhodium	103-1	10899357	11274364	11259644	11144455	1.91	cps
Rhodium	103-2	7046335	7171466	7134920	7117574	0.90	cps
Scandium	45-1	7869211	8062254	8192556	8041341	2.02	cps
Scandium	45-2	678776	672728	680488	677330	0.60	cps
Selenium	82-1	1241	860	1237	1113	19.66	cps
Selenium	77-2	103	103	87	98	9.84	cps
Selenium	78-2	709	750	680	713	4.96	cps
Silicon	28-1	631289	631432	623130	628617	0.76	cps
Silver	107-1	12214	13398	14191	13268	7.50	cps
Silver	109-1	11555	12931	13949	12812	9.38	cps
Sodium	23-2	513803	513698	513096	513532	0.07	cps
Strontium	86-1	12873	12989	12781	12881	0.81	cps
Strontium	88-1	35368	35017	35878	35421	1.22	cps
Sulfur	34-1	349701	355131	347017	350616	1.18	cps
Terbium	159-1	14141898	14283175	14415384	14280152	0.96	cps
Terbium	159-2	9417285	9455909	9484694	9452630	0.36	cps
Thallium	203-1	10855	11147	11263	11088	1.90	cps
Thallium	205-1	25591	25182	26384	25719	2.38	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:42:24	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	33069	32996	34055	33373	1.77	cps
Tin	118-1	49151	48684	49092	48976	0.52	cps
Titanium	47-1	8861	8961	9328	9050	2.72	cps
Uranium	238-1	31764	31496	32156	31805	1.04	cps
Vanadium	51-2	25098	25368	25094	25187	0.62	cps
Yttrium	89-1	17616952	18040527	18870233	18175904	3.51	cps
Yttrium	89-2	4504846	4562571	4494608	4520675	0.81	cps
Zinc	66-2	2774	2884	2884	2847	2.23	cps
Zirconium	90-1	22167	22301	23027	22498	2.06	cps
Zirconium	91-1	5143	4676	5026	4948	4.91	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	N1645-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT1-	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:49:22	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4845	4868	5156	4956	3.50	cps
Antimony	121-1	8103	8052	8361	8172	2.03	cps
Arsenic	75-2	491	463	541	498	7.91	cps
Barium	135-1	9762	9428	9453	9548	1.95	cps
Barium	137-1	16568	17044	17770	17127	3.53	cps
Beryllium	9-1	1570	1650	1603	1608	2.50	cps
Bismuth	209-1	8811364	8840604	8801499	8817822	0.23	cps
Bismuth	209-2	6947732	6914766	6930271	6930923	0.24	cps
Boron	10-1	1175	1042	1058	1092	6.65	cps
Boron	11-1	4959	5176	5243	5126	2.89	cps
Bromine	81-1	13106	13148	13623	13292	2.16	cps
Bromine	81-2	100	160	230	164	39.84	cps
Cadmium	111-1	2314	2481	2509	2435	4.33	cps
Cadmium	106-1	5876	6035	5885	5932	1.50	cps
Cadmium	108-1	233	192	200	208	10.58	cps
Calcium	43-1	3325	3667	3634	3542	5.32	cps
Calcium	44-1	67685	66312	67308	67102	1.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8126	7452	7892	7823	4.37	cps
Cobalt	59-2	6958	7082	7242	7094	2.00	cps
Copper	63-2	10721	10691	10607	10673	0.55	cps
Dysprosium	156-1	50	33	8	31	68.64	cps
Dysprosium	156-2	10	17	13	13	25.01	cps
Erbium	164-1	108	67	92	89	23.59	cps
Erbium	164-2	70	60	50	60	16.67	cps
Gadolinium	160-1	33	75	50	53	39.74	cps
Gadolinium	160-2	233	170	220	208	16.07	cps
Holmium	165-1	13597752	13792023	13670591	13686789	0.72	cps
Holmium	165-2	9425738	9478886	9478657	9461094	0.32	cps
Indium	115-1	11861136	11930258	11919628	11903674	0.31	cps
Indium	115-2	4113974	4059742	4125396	4099704	0.86	cps
Iron	56-2	224478	223470	222370	223439	0.47	cps
Iron	57-2	5807	5707	5562	5692	2.16	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	N1645-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT1-	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:49:22	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	14251	13690	13129	13690	4.10	cps
Krypton	83-1	5644	5481	5361	5496	2.59	cps
Lead	206-1	6830	7024	6991	6948	1.50	cps
Lead	207-1	5851	6101	6079	6011	2.30	cps
Lead	208-1	27595	28078	27812	27828	0.87	cps
Lithium	6-1	2837732	2839467	2854574	2843924	0.33	cps
Magnesium	24-2	46838	45155	45668	45887	1.88	cps
Manganese	55-2	6922	6965	6882	6923	0.60	cps
Molybdenum	94-1	8344	8369	8711	8475	2.42	cps
Molybdenum	95-1	4376	4501	4509	4462	1.67	cps
Molybdenum	96-1	5676	5710	6093	5826	3.98	cps
Molybdenum	97-1	3084	2900	2642	2875	7.72	cps
Molybdenum	98-1	7460	7611	7285	7452	2.18	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	2000	2154	2060	2071	3.73	cps
Phosphorus	31-2	642	675	667	661	2.62	cps
Potassium	39-2	88901	89068	86948	88306	1.33	cps
Rhodium	103-1	11233116	11370177	11397899	11333731	0.78	cps
Rhodium	103-2	7258156	7116182	7079600	7151313	1.32	cps
Scandium	45-1	8075834	8072877	8215890	8121533	1.01	cps
Scandium	45-2	690851	680651	681461	684321	0.83	cps
Selenium	82-1	-178	193	444	153	204.61	cps
Selenium	77-2	17	17	17	17	0.00	cps
Selenium	78-2	396	394	406	399	1.49	cps
Silicon	28-1	570559	575585	571977	572707	0.45	cps
Silver	107-1	8419	9545	9912	9292	8.37	cps
Silver	109-1	7969	9295	10079	9114	11.70	cps
Sodium	23-2	101884	102158	101589	101877	0.28	cps
Strontium	86-1	11797	11813	11288	11633	2.57	cps
Strontium	88-1	26266	26516	26641	26474	0.72	cps
Sulfur	34-1	355685	361280	359626	358863	0.80	cps
Terbium	159-1	14200256	14446029	14191957	14279414	1.01	cps
Terbium	159-2	9475174	9482103	9505781	9487686	0.17	cps
Thallium	203-1	8253	7978	8211	8147	1.82	cps
Thallium	205-1	19331	20132	20282	19915	2.57	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	N1645-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT1-	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:49:22	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	24940	25012	25174	25042	0.48	cps
Tin	118-1	8111	7844	8720	8225	5.46	cps
Titanium	47-1	1492	1567	1533	1531	2.46	cps
Uranium	238-1	22570	23271	23814	23218	2.69	cps
Vanadium	51-2	3924	3694	3670	3763	3.72	cps
Yttrium	89-1	18366322	18456717	18652797	18491945	0.79	cps
Yttrium	89-2	4560158	4521621	4527701	4536493	0.46	cps
Zinc	66-2	2904	2770	2750	2808	2.97	cps
Zirconium	90-1	16576	16376	16209	16387	1.12	cps
Zirconium	91-1	3759	3425	3851	3678	6.08	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	N1645-03	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-03-QT1-2022	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:52:14	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2100	2089	1972	2054	3.45	cps
Antimony	121-1	3100	2859	3025	2995	4.13	cps
Arsenic	75-2	170	220	206	199	12.92	cps
Barium	135-1	3267	3609	3701	3526	6.48	cps
Barium	137-1	5693	6026	5726	5815	3.16	cps
Beryllium	9-1	563	577	543	561	2.99	cps
Bismuth	209-1	8993926	9022814	8876463	8964401	0.86	cps
Bismuth	209-2	6869750	6915058	6892435	6892414	0.33	cps
Boron	10-1	1533	1775	1808	1706	8.80	cps
Boron	11-1	8152	8769	8111	8344	4.42	cps
Bromine	81-1	14032	13173	13006	13404	4.11	cps
Bromine	81-2	90	20	60	57	61.97	cps
Cadmium	111-1	1204	1000	1108	1104	9.24	cps
Cadmium	106-1	6543	6026	6360	6310	4.15	cps
Cadmium	108-1	104	117	96	106	9.94	cps
Calcium	43-1	1408	1208	1192	1270	9.50	cps
Calcium	44-1	34899	34899	36712	35504	2.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4311	4111	4367	4263	3.16	cps
Cobalt	59-2	2624	2710	2410	2581	5.98	cps
Copper	63-2	4387	4584	4411	4461	2.41	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	10	10	13	11	17.30	cps
Erbium	164-1	58	125	108	97	35.69	cps
Erbium	164-2	33	57	80	57	41.18	cps
Gadolinium	160-1	42	58	100	67	45.07	cps
Gadolinium	160-2	223	180	203	202	10.73	cps
Holmium	165-1	13939590	13862309	13967612	13923170	0.39	cps
Holmium	165-2	9419352	9355644	9304726	9359907	0.61	cps
Indium	115-1	12033002	11921084	12015353	11989813	0.50	cps
Indium	115-2	4101452	4126287	4135972	4121237	0.43	cps
Iron	56-2	90107	90543	88961	89870	0.91	cps
Iron	57-2	2234	2339	2422	2332	4.06	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	N1645-03	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-03-QT1-2022	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:52:14	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	5907	5457	5597	5654	4.08	cps
Krypton	83-1	5444	5718	5494	5552	2.62	cps
Lead	206-1	2900	2778	2850	2843	2.16	cps
Lead	207-1	2272	2345	2511	2376	5.16	cps
Lead	208-1	11135	11569	11358	11354	1.91	cps
Lithium	6-1	2842521	2862384	2894173	2866359	0.91	cps
Magnesium	24-2	16225	16181	15808	16072	1.43	cps
Manganese	55-2	2847	2957	3060	2955	3.61	cps
Molybdenum	94-1	7244	7285	7477	7335	1.70	cps
Molybdenum	95-1	7911	8169	8152	8077	1.79	cps
Molybdenum	96-1	8903	8711	9211	8942	2.82	cps
Molybdenum	97-1	5176	5093	4993	5087	1.80	cps
Molybdenum	98-1	12856	13673	13415	13315	3.14	cps
Neodymium	150-1	0	20	0	7	173.21	cps
Neodymium	150-2	3	13	3	7	86.65	cps
Nickel	60-2	927	840	870	879	5.01	cps
Phosphorus	31-2	308	450	408	389	18.72	cps
Potassium	39-2	73058	75638	73310	74002	1.92	cps
Rhodium	103-1	11586736	11524064	11579963	11563588	0.30	cps
Rhodium	103-2	7100707	7210223	7222083	7177671	0.93	cps
Scandium	45-1	8315403	8235579	8367003	8305995	0.80	cps
Scandium	45-2	688067	685593	689027	687562	0.26	cps
Selenium	82-1	736	563	728	675	14.49	cps
Selenium	77-2	67	57	37	53	28.64	cps
Selenium	78-2	585	539	574	566	4.27	cps
Silicon	28-1	567288	565710	569940	567646	0.38	cps
Silver	107-1	3334	3551	3984	3623	9.14	cps
Silver	109-1	3309	3401	3859	3523	8.37	cps
Sodium	23-2	59877	60998	61400	60758	1.30	cps
Strontium	86-1	9528	10037	9795	9787	2.60	cps
Strontium	88-1	9420	9670	9862	9651	2.30	cps
Sulfur	34-1	362194	357801	361856	360617	0.68	cps
Terbium	159-1	14715516	14641441	14474156	14610371	0.85	cps
Terbium	159-2	9461260	9536895	9477259	9491805	0.42	cps
Thallium	203-1	3759	3401	3692	3617	5.27	cps
Thallium	205-1	8103	8228	8495	8275	2.42	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	N1645-03	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-03-QT1-2022	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:52:14	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	9037	9070	8703	8936	2.27	cps
Tin	118-1	3434	2925	3075	3145	8.31	cps
Titanium	47-1	2592	2567	2734	2631	3.42	cps
Uranium	238-1	8303	7894	8278	8158	2.81	cps
Vanadium	51-2	1553	1317	1393	1421	8.50	cps
Yttrium	89-1	18581117	18819093	18771084	18723765	0.67	cps
Yttrium	89-2	4525810	4581971	4599267	4569016	0.84	cps
Zinc	66-2	1630	1400	1480	1503	7.77	cps
Zirconium	90-1	6927	6293	6885	6702	5.29	cps
Zirconium	91-1	1550	1625	1283	1486	12.08	cps

LB Number : LB121156 Operator : Jaswal
 Lab Sample ID : N1645-07 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired : 2022-05-07 15:55:13 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4962	5145	5295	5134	3.25	cps
Antimony	121-1	8186	8203	8244	8211	0.37	cps
Arsenic	75-2	544	604	550	566	5.78	cps
Barium	135-1	9929	9462	9320	9570	3.33	cps
Barium	137-1	16652	17228	18070	17317	4.12	cps
Beryllium	9-1	1663	1663	1550	1626	4.03	cps
Bismuth	209-1	8914133	8903498	8966350	8927994	0.38	cps
Bismuth	209-2	6882299	6943653	7096039	6973997	1.58	cps
Boron	10-1	967	1050	808	942	13.04	cps
Boron	11-1	4759	4117	4601	4492	7.44	cps
Bromine	81-1	13840	14007	13840	13896	0.69	cps
Bromine	81-2	100	140	60	100	40.00	cps
Cadmium	111-1	2707	2517	2700	2641	4.08	cps
Cadmium	106-1	6227	6193	6360	6260	1.41	cps
Cadmium	108-1	229	213	208	217	5.09	cps
Calcium	43-1	3150	3425	3334	3303	4.24	cps
Calcium	44-1	66874	68029	66798	67234	1.03	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7642	7772	7989	7801	2.25	cps
Cobalt	59-2	7269	7362	7225	7285	0.96	cps
Copper	63-2	10727	11434	10787	10983	3.57	cps
Dysprosium	156-1	8	33	25	22	57.29	cps
Dysprosium	156-2	10	10	7	9	21.63	cps
Erbium	164-1	125	92	75	97	26.19	cps
Erbium	164-2	77	53	57	62	20.29	cps
Gadolinium	160-1	92	50	100	81	33.25	cps
Gadolinium	160-2	197	163	173	178	9.62	cps
Holmium	165-1	13913664	13736550	13727019	13792411	0.76	cps
Holmium	165-2	9338754	9286578	9563392	9396241	1.57	cps
Indium	115-1	11930728	11896573	12028373	11951891	0.57	cps
Indium	115-2	4111017	4091387	4169420	4123941	0.98	cps
Iron	56-2	227314	224394	228646	226785	0.96	cps
Iron	57-2	5696	5807	5690	5731	1.15	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	N1645-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:55:13	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	13831	13440	13871	13714	1.74	cps
Krypton	83-1	5488	5724	5741	5651	2.51	cps
Lead	206-1	7002	6880	6813	6898	1.39	cps
Lead	207-1	6024	6035	6402	6153	3.50	cps
Lead	208-1	27856	27417	28206	27826	1.42	cps
Lithium	6-1	2852324	2875209	2876387	2867973	0.47	cps
Magnesium	24-2	47117	45930	47022	46689	1.41	cps
Manganese	55-2	7065	6978	7072	7038	0.74	cps
Molybdenum	94-1	8886	8478	9245	8870	4.33	cps
Molybdenum	95-1	4743	4743	4643	4709	1.23	cps
Molybdenum	96-1	6110	5685	5768	5854	3.85	cps
Molybdenum	97-1	2650	3225	2784	2886	10.43	cps
Molybdenum	98-1	7535	6968	8077	7527	7.37	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	13	3	7	8	65.47	cps
Nickel	60-2	2013	2117	2190	2107	4.21	cps
Phosphorus	31-2	558	533	617	569	7.51	cps
Potassium	39-2	89118	89638	90661	89806	0.87	cps
Rhodium	103-1	11505853	11543452	11616421	11555242	0.49	cps
Rhodium	103-2	7151149	7284280	7273174	7236201	1.02	cps
Scandium	45-1	8260636	8243315	8371669	8291873	0.84	cps
Scandium	45-2	696770	690999	699264	695678	0.61	cps
Selenium	82-1	391	112	14	173	113.25	cps
Selenium	77-2	37	13	7	19	83.40	cps
Selenium	78-2	441	424	420	428	2.53	cps
Silicon	28-1	579750	569482	570843	573359	0.97	cps
Silver	107-1	9312	10629	10954	10298	8.45	cps
Silver	109-1	8669	9470	10162	9434	7.92	cps
Sodium	23-2	100940	103741	101213	101965	1.51	cps
Strontium	86-1	11930	11955	11838	11908	0.52	cps
Strontium	88-1	26533	26867	26683	26694	0.63	cps
Sulfur	34-1	361049	359932	360950	360644	0.17	cps
Terbium	159-1	14267252	14504219	14541622	14437698	1.03	cps
Terbium	159-2	9637990	9623231	9581058	9614093	0.31	cps
Thallium	203-1	9128	8236	8736	8700	5.14	cps
Thallium	205-1	19581	19206	20207	19665	2.57	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	N1645-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:55:13	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	24779	24595	25269	24881	1.40	cps
Tin	118-1	8520	9053	8094	8556	5.62	cps
Titanium	47-1	1642	1817	1283	1581	17.20	cps
Uranium	238-1	23463	23413	23755	23544	0.78	cps
Vanadium	51-2	3991	3720	3744	3818	3.92	cps
Yttrium	89-1	18726776	18759086	18637196	18707686	0.34	cps
Yttrium	89-2	4587741	4605299	4635865	4609635	0.53	cps
Zinc	66-2	2244	2347	2124	2238	5.00	cps
Zirconium	90-1	16226	17144	16910	16760	2.85	cps
Zirconium	91-1	3659	3292	4009	3653	9.81	cps

LB Number : LB121156 Operator : Jaswal
 Lab Sample ID : N1645-09 Instrumnet Name : P7
 Client Sample ID : MDL-WATER-03-QT1-20 Dilution Factor : 1
 Date & Time Acquired : 2022-05-07 15:58:06 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1911	1978	2050	1980	3.51	cps
Antimony	121-1	2742	3117	3167	3009	7.72	cps
Arsenic	75-2	217	189	213	206	7.32	cps
Barium	135-1	3567	3442	3709	3573	3.74	cps
Barium	137-1	5935	5960	5760	5885	1.85	cps
Beryllium	9-1	640	647	587	624	5.27	cps
Bismuth	209-1	8855381	8992053	8970513	8939316	0.82	cps
Bismuth	209-2	6968378	6978992	5466584	6471318	13.45	cps
Boron	10-1	1517	1567	1642	1575	3.99	cps
Boron	11-1	7660	8211	8144	8005	3.75	cps
Bromine	81-1	13690	13990	13265	13648	2.67	cps
Bromine	81-2	40	60	80	60	33.33	cps
Cadmium	111-1	1033	1150	1218	1134	8.27	cps
Cadmium	106-1	6043	6385	6243	6224	2.76	cps
Cadmium	108-1	154	108	96	119	25.71	cps
Calcium	43-1	1242	1125	1233	1200	5.42	cps
Calcium	44-1	34448	34407	35384	34746	1.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4104	3971	3847	3974	3.23	cps
Cobalt	59-2	2480	2517	2597	2531	2.36	cps
Copper	63-2	4601	4614	4664	4626	0.72	cps
Dysprosium	156-1	8	25	17	17	50.01	cps
Dysprosium	156-2	20	7	13	13	49.99	cps
Erbium	164-1	125	83	125	111	21.65	cps
Erbium	164-2	77	67	27	57	46.69	cps
Gadolinium	160-1	83	108	58	83	30.00	cps
Gadolinium	160-2	173	217	170	187	13.95	cps
Holmium	165-1	13739028	13988448	13827518	13851665	0.91	cps
Holmium	165-2	9509482	9407381	7390134	8768999	13.63	cps
Indium	115-1	11864790	11971409	11818902	11885034	0.66	cps
Indium	115-2	4189678	4101144	3233141	3841321	13.76	cps
Iron	56-2	91706	90152	90845	90901	0.86	cps
Iron	57-2	2484	2589	2456	2510	2.80	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	N1645-09	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-03-QT1-20	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:58:06	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	5637	5837	6478	5984	7.34	cps
Krypton	83-1	5851	5714	5831	5799	1.27	cps
Lead	206-1	2811	2861	2467	2713	7.92	cps
Lead	207-1	2372	2695	2517	2528	6.39	cps
Lead	208-1	11280	11847	11413	11513	2.57	cps
Lithium	6-1	2844653	2893530	2843163	2860449	1.00	cps
Magnesium	24-2	16103	16148	16665	16305	1.91	cps
Manganese	55-2	2794	2830	2907	2844	2.03	cps
Molybdenum	94-1	6835	7477	7577	7296	5.52	cps
Molybdenum	95-1	8052	8770	8202	8341	4.53	cps
Molybdenum	96-1	8694	9053	9320	9022	3.48	cps
Molybdenum	97-1	4834	4876	5309	5007	5.26	cps
Molybdenum	98-1	13723	12948	13682	13451	3.24	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	960	797	910	889	9.41	cps
Phosphorus	31-2	458	408	425	431	5.91	cps
Potassium	39-2	74558	73972	74298	74276	0.40	cps
Rhodium	103-1	11435989	11436059	11518731	11463593	0.42	cps
Rhodium	103-2	7288544	7260858	5658683	6736028	13.85	cps
Scandium	45-1	8289716	8356478	8237317	8294504	0.72	cps
Scandium	45-2	699859	706019	539046	648308	14.60	cps
Selenium	82-1	346	660	568	525	30.70	cps
Selenium	77-2	73	87	70	77	11.51	cps
Selenium	78-2	594	554	580	576	3.58	cps
Silicon	28-1	565555	570128	569999	568561	0.46	cps
Silver	107-1	3400	3742	3876	3673	6.67	cps
Silver	109-1	2967	3492	4059	3506	15.58	cps
Sodium	23-2	57184	57172	56426	56927	0.76	cps
Strontium	86-1	9820	10396	10045	10087	2.87	cps
Strontium	88-1	9495	9528	9728	9584	1.32	cps
Sulfur	34-1	360172	365564	369584	365106	1.29	cps
Terbium	159-1	14391444	14565206	14435156	14463935	0.62	cps
Terbium	159-2	9500204	9592906	7448047	8847053	13.70	cps
Thallium	203-1	3626	3442	3300	3456	4.72	cps
Thallium	205-1	8244	7894	8536	8225	3.91	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	N1645-09	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-03-QT1-20	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 15:58:06	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	8542	8970	8703	8738	2.47	cps
Tin	118-1	3134	3342	3167	3214	3.48	cps
Titanium	47-1	2459	2575	2817	2617	6.99	cps
Uranium	238-1	8228	8036	8486	8250	2.74	cps
Vanadium	51-2	1413	1487	1393	1431	3.43	cps
Yttrium	89-1	18480713	18701605	18853605	18678641	1.00	cps
Yttrium	89-2	4669724	4686809	3674764	4343766	13.34	cps
Zinc	66-2	1210	1173	1290	1225	4.87	cps
Zirconium	90-1	7027	6785	6918	6910	1.75	cps
Zirconium	91-1	1375	1408	1458	1414	2.97	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	N1645-12	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-06-QT1-20	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 16:05:34	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1972	1978	2017	1989	1.22	cps
Antimony	121-1	3134	2725	3300	3053	9.69	cps
Arsenic	75-2	191	207	222	207	7.62	cps
Barium	135-1	3367	3517	3492	3459	2.32	cps
Barium	137-1	6043	5593	6010	5882	4.26	cps
Beryllium	9-1	570	553	600	574	4.12	cps
Bismuth	209-1	8859481	8937797	8970804	8922694	0.64	cps
Bismuth	209-2	6995392	6917055	6987712	6966720	0.62	cps
Boron	10-1	1517	1783	1700	1667	8.19	cps
Boron	11-1	7485	7802	7744	7677	2.20	cps
Bromine	81-1	13840	13665	14024	13843	1.30	cps
Bromine	81-2	80	60	100	80	25.00	cps
Cadmium	111-1	1263	999	1119	1127	11.75	cps
Cadmium	106-1	6235	5843	5893	5990	3.56	cps
Cadmium	108-1	96	133	67	99	33.89	cps
Calcium	43-1	1108	1300	1533	1314	16.20	cps
Calcium	44-1	35175	35918	35417	35504	1.07	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4311	4051	4231	4197	3.17	cps
Cobalt	59-2	2854	2710	2780	2781	2.58	cps
Copper	63-2	4567	4497	4501	4522	0.87	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	10	13	3	9	57.30	cps
Erbium	164-1	117	83	50	83	40.00	cps
Erbium	164-2	37	70	50	52	32.12	cps
Gadolinium	160-1	42	83	67	64	32.83	cps
Gadolinium	160-2	187	167	213	189	12.40	cps
Holmium	165-1	13703819	13862213	13855789	13807274	0.65	cps
Holmium	165-2	9789784	9570160	9438415	9599453	1.85	cps
Indium	115-1	12070356	12008023	12064010	12047463	0.28	cps
Indium	115-2	4248111	4197659	4235051	4226940	0.62	cps
Iron	56-2	91169	88816	89632	89872	1.33	cps
Iron	57-2	2417	2384	2428	2409	0.96	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	N1645-12	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-06-QT1-20	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 16:05:34	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	6208	6128	6148	6161	0.68	cps
Krypton	83-1	5958	5551	5778	5762	3.54	cps
Lead	206-1	2800	2750	2928	2826	3.24	cps
Lead	207-1	2661	2400	2378	2480	6.36	cps
Lead	208-1	11585	11135	11530	11417	2.15	cps
Lithium	6-1	2904801	2815950	2898008	2872920	1.72	cps
Magnesium	24-2	16387	16259	16776	16474	1.64	cps
Manganese	55-2	2767	2584	2744	2698	3.70	cps
Molybdenum	94-1	7435	7019	7185	7213	2.91	cps
Molybdenum	95-1	8428	8361	8311	8366	0.70	cps
Molybdenum	96-1	9520	9328	9870	9573	2.87	cps
Molybdenum	97-1	4893	4901	5610	5134	8.02	cps
Molybdenum	98-1	12389	13173	13256	12939	3.70	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	893	907	933	911	2.24	cps
Phosphorus	31-2	508	383	400	431	15.76	cps
Potassium	39-2	72782	74943	74214	73980	1.49	cps
Rhodium	103-1	11726815	11477062	11854946	11686274	1.64	cps
Rhodium	103-2	7404253	7317160	7389989	7370467	0.63	cps
Scandium	45-1	8287193	8331239	8425917	8348116	0.85	cps
Scandium	45-2	701888	698258	698894	699680	0.28	cps
Selenium	82-1	587	817	547	650	22.42	cps
Selenium	77-2	50	70	47	56	22.71	cps
Selenium	78-2	565	526	567	552	4.16	cps
Silicon	28-1	581398	584273	578426	581365	0.50	cps
Silver	107-1	3034	3459	3225	3239	6.57	cps
Silver	109-1	2667	2942	3292	2967	10.56	cps
Sodium	23-2	57490	56665	56960	57039	0.73	cps
Strontium	86-1	9862	9879	10012	9917	0.83	cps
Strontium	88-1	9970	9795	9904	9890	0.89	cps
Sulfur	34-1	365408	365105	365562	365359	0.06	cps
Terbium	159-1	14562690	14592902	14573994	14576529	0.10	cps
Terbium	159-2	9802364	9540218	9700874	9681152	1.37	cps
Thallium	203-1	3242	3459	3376	3359	3.25	cps
Thallium	205-1	8303	7827	7878	8003	3.26	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	N1645-12	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-06-QT1-20	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 16:05:34	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	8264	8792	8486	8514	3.11	cps
Tin	118-1	3259	2917	3175	3117	5.72	cps
Titanium	47-1	2750	2509	2717	2659	4.93	cps
Uranium	238-1	7652	8078	8136	7955	3.32	cps
Vanadium	51-2	1410	1387	1303	1367	4.10	cps
Yttrium	89-1	18837743	18688009	18755761	18760504	0.40	cps
Yttrium	89-2	4741681	4655427	4595876	4664328	1.57	cps
Zinc	66-2	1133	1200	1213	1182	3.63	cps
Zirconium	90-1	6818	6427	6752	6666	3.15	cps
Zirconium	91-1	1583	1358	1417	1453	8.04	cps

LB Number : LB121156 Operator : Jaswal
 Lab Sample ID : N1645-10 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
 Date & Time Acquired : 2022-05-07 16:08:29 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4940	5357	4751	5016	6.18	cps
Antimony	121-1	8578	8503	8453	8511	0.74	cps
Arsenic	75-2	526	591	513	543	7.67	cps
Barium	135-1	9879	10337	9854	10023	2.72	cps
Barium	137-1	17853	18287	16710	17617	4.62	cps
Beryllium	9-1	1617	1617	1610	1615	0.24	cps
Bismuth	209-1	8275434	9105083	9102399	8827639	5.42	cps
Bismuth	209-2	6926150	6985901	6981947	6964666	0.48	cps
Boron	10-1	967	733	767	822	15.35	cps
Boron	11-1	3951	3692	3792	3812	3.42	cps
Bromine	81-1	14074	14516	14799	14463	2.53	cps
Bromine	81-2	140	90	90	107	27.06	cps
Cadmium	111-1	2756	2673	2452	2627	5.99	cps
Cadmium	106-1	6085	6076	6185	6115	0.99	cps
Cadmium	108-1	196	213	204	204	4.08	cps
Calcium	43-1	3484	3884	3425	3598	6.94	cps
Calcium	44-1	68154	69837	70330	69440	1.64	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7912	7822	8042	7925	1.40	cps
Cobalt	59-2	7242	7298	7515	7352	1.96	cps
Copper	63-2	11034	11264	11101	11133	1.06	cps
Dysprosium	156-1	100	17	50	56	75.49	cps
Dysprosium	156-2	7	7	13	9	43.25	cps
Erbium	164-1	67	83	133	94	36.73	cps
Erbium	164-2	60	53	70	61	13.73	cps
Gadolinium	160-1	42	50	67	53	24.12	cps
Gadolinium	160-2	173	177	203	184	8.92	cps
Holmium	165-1	12999841	14209712	14275918	13828490	5.20	cps
Holmium	165-2	9668334	9381074	9463407	9504272	1.56	cps
Indium	115-1	11252853	12399302	12274731	11975629	5.25	cps
Indium	115-2	4173275	4248476	4170843	4197531	1.05	cps
Iron	56-2	229674	232967	229830	230824	0.80	cps
Iron	57-2	5857	5657	6029	5848	3.19	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	N1645-10	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 16:08:29	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	14051	13931	13780	13921	0.97	cps
Krypton	83-1	5651	5481	5661	5598	1.81	cps
Lead	206-1	7102	6785	6780	6889	2.68	cps
Lead	207-1	5974	5774	6190	5979	3.49	cps
Lead	208-1	27895	27851	27928	27891	0.14	cps
Lithium	6-1	2656847	2871363	2907576	2811929	4.82	cps
Magnesium	24-2	46632	46989	46520	46714	0.52	cps
Manganese	55-2	6972	7132	7389	7164	2.94	cps
Molybdenum	94-1	8870	9370	8786	9009	3.50	cps
Molybdenum	95-1	4968	4643	4526	4712	4.86	cps
Molybdenum	96-1	6310	5893	5826	6010	4.36	cps
Molybdenum	97-1	2792	2734	2609	2711	3.46	cps
Molybdenum	98-1	7936	7711	7661	7769	1.89	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	2144	2127	2087	2119	1.37	cps
Phosphorus	31-2	675	625	525	608	12.56	cps
Potassium	39-2	92481	88926	90410	90605	1.97	cps
Rhodium	103-1	10743207	11898247	12037519	11559658	6.15	cps
Rhodium	103-2	7185151	7316546	7155588	7219095	1.19	cps
Scandium	45-1	7706817	8582132	8540019	8276323	5.96	cps
Scandium	45-2	694068	702738	702719	699842	0.71	cps
Selenium	82-1	208	56	130	131	57.98	cps
Selenium	77-2	33	20	10	21	55.45	cps
Selenium	78-2	356	463	372	397	14.56	cps
Silicon	28-1	586900	588687	587047	587545	0.17	cps
Silver	107-1	9095	10462	11171	10243	10.31	cps
Silver	109-1	8803	10304	10262	9790	8.73	cps
Sodium	23-2	100582	101269	101722	101191	0.57	cps
Strontium	86-1	11905	12589	12022	12172	3.01	cps
Strontium	88-1	27969	27284	26909	27387	1.96	cps
Sulfur	34-1	366503	369728	369586	368606	0.49	cps
Terbium	159-1	13372247	14830488	14850823	14351186	5.91	cps
Terbium	159-2	9589733	9533646	9469335	9530905	0.63	cps
Thallium	203-1	8545	8686	8570	8600	0.88	cps
Thallium	205-1	19840	19715	18830	19462	2.83	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	N1645-10	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 16:08:29	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	24167	25191	25419	24925	2.68	cps
Tin	118-1	8169	8611	8361	8380	2.64	cps
Titanium	47-1	1600	1717	1517	1611	6.24	cps
Uranium	238-1	23580	23839	24314	23911	1.56	cps
Vanadium	51-2	4047	4084	3897	4009	2.47	cps
Yttrium	89-1	17356071	19305219	19485356	18715549	6.31	cps
Yttrium	89-2	4662160	4711180	4626328	4666556	0.91	cps
Zinc	66-2	2364	2317	2240	2307	2.70	cps
Zirconium	90-1	17110	17628	17286	17341	1.52	cps
Zirconium	91-1	3792	3767	4184	3915	5.97	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	N1331-02	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-QT1-2022-	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 16:41:21	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2572	2828	2500	2634	6.54	cps
Antimony	121-1	8686	9337	9153	9059	3.70	cps
Arsenic	75-2	346	302	344	331	7.60	cps
Barium	135-1	10254	10429	10613	10432	1.72	cps
Barium	137-1	18696	19289	18229	18738	2.83	cps
Beryllium	9-1	950	990	973	971	2.07	cps
Bismuth	209-1	8603493	8867285	8816837	8762539	1.60	cps
Bismuth	209-2	6807272	6858116	6933518	6866302	0.93	cps
Boron	10-1	3400	3801	3350	3517	7.01	cps
Boron	11-1	14699	16459	16776	15978	7.00	cps
Bromine	81-1	13615	14858	14032	14168	4.46	cps
Bromine	81-2	190	190	270	217	21.32	cps
Cadmium	111-1	1524	1659	1539	1574	4.70	cps
Cadmium	106-1	5493	5868	5968	5776	4.34	cps
Cadmium	108-1	142	133	104	126	15.58	cps
Calcium	43-1	8244	8703	8669	8539	2.99	cps
Calcium	44-1	149069	152807	153303	151726	1.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8036	8222	8016	8091	1.41	cps
Cobalt	59-2	3977	3991	4307	4092	4.57	cps
Copper	63-2	6688	6511	6578	6593	1.35	cps
Dysprosium	156-1	33	17	42	31	41.66	cps
Dysprosium	156-2	13	23	13	17	34.65	cps
Erbium	164-1	75	75	117	89	27.07	cps
Erbium	164-2	67	77	63	69	10.08	cps
Gadolinium	160-1	25	83	50	53	55.46	cps
Gadolinium	160-2	170	210	157	179	15.51	cps
Holmium	165-1	13334492	13747911	13677416	13586606	1.63	cps
Holmium	165-2	9409135	9358999	9360867	9376333	0.30	cps
Indium	115-1	11593375	12033534	11923230	11850046	1.93	cps
Indium	115-2	4216295	4164441	4206896	4195877	0.66	cps
Iron	56-2	467350	468029	470662	468680	0.37	cps
Iron	57-2	11582	11566	11360	11503	1.08	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	N1331-02	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-QT1-2022-	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 16:41:21	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	26812	27764	26460	27012	2.50	cps
Krypton	83-1	5431	5574	5588	5531	1.57	cps
Lead	206-1	3706	3867	3717	3764	2.39	cps
Lead	207-1	3200	3512	3167	3293	5.77	cps
Lead	208-1	15276	15531	15126	15311	1.34	cps
Lithium	6-1	2867752	2906012	2963642	2912469	1.66	cps
Magnesium	24-2	123054	122954	124388	123465	0.65	cps
Manganese	55-2	2454	2157	2184	2265	7.25	cps
Molybdenum	94-1	10729	10663	10654	10682	0.39	cps
Molybdenum	95-1	13106	13114	12714	12978	1.76	cps
Molybdenum	96-1	14232	14207	14115	14185	0.43	cps
Molybdenum	97-1	7569	7844	7627	7680	1.89	cps
Molybdenum	98-1	20240	19814	21099	20384	3.21	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	1380	1290	1313	1328	3.52	cps
Phosphorus	31-2	517	483	408	469	11.82	cps
Potassium	39-2	198632	198312	195720	197555	0.81	cps
Rhodium	103-1	11260206	11542540	11753431	11518725	2.15	cps
Rhodium	103-2	7388936	7326599	7297843	7337793	0.63	cps
Scandium	45-1	8057377	8426716	8450834	8311643	2.65	cps
Scandium	45-2	695407	705612	703110	701377	0.76	cps
Selenium	82-1	583	570	863	672	24.66	cps
Selenium	77-2	67	50	33	50	33.34	cps
Selenium	78-2	550	596	528	558	6.26	cps
Silicon	28-1	642431	643646	639141	641739	0.36	cps
Silver	107-1	4601	5510	5334	5148	9.36	cps
Silver	109-1	4134	4501	4718	4451	6.63	cps
Sodium	23-2	223251	223250	220281	222261	0.77	cps
Strontium	86-1	10796	11121	10362	10760	3.54	cps
Strontium	88-1	15150	15934	14616	15233	4.35	cps
Sulfur	34-1	379631	377830	378172	378544	0.25	cps
Terbium	159-1	13963216	14151586	14454009	14189603	1.74	cps
Terbium	159-2	9567257	9530341	9483455	9527018	0.44	cps
Thallium	203-1	4968	4809	4559	4779	4.31	cps
Thallium	205-1	11797	10963	10955	11238	4.31	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	N1331-02	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-QT1-2022-	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 16:41:21	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	12740	12995	13140	12958	1.56	cps
Tin	118-1	20765	21600	21391	21252	2.04	cps
Titanium	47-1	4026	3867	3934	3942	2.02	cps
Uranium	238-1	11772	12156	12064	11997	1.67	cps
Vanadium	51-2	10454	10627	10787	10623	1.57	cps
Yttrium	89-1	18175165	18935670	18926654	18679163	2.34	cps
Yttrium	89-2	4691047	4651156	4707528	4683244	0.62	cps
Zinc	66-2	1200	1427	1363	1330	8.79	cps
Zirconium	90-1	9795	9987	10054	9945	1.35	cps
Zirconium	91-1	2117	2117	2000	2078	3.24	cps

LB Number : LB121156 Operator : Jaswal
 Lab Sample ID : N1331-04 Instrumnet Name : P7
 Client Sample ID : MDL-SOIL-QT1-2022-02 Dilution Factor : 1
 Date & Time Acquired : 2022-05-07 16:44:14 DataFile Name : 037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2717	2845	2700	2754	2.87	cps
Antimony	121-1	8186	8644	8903	8578	4.23	cps
Arsenic	75-2	322	354	352	343	5.16	cps
Barium	135-1	10462	10646	10671	10593	1.07	cps
Barium	137-1	18187	18362	18980	18510	2.25	cps
Beryllium	9-1	967	913	880	920	4.75	cps
Bismuth	209-1	8585366	8670737	8770947	8675683	1.07	cps
Bismuth	209-2	6969397	6973165	6852892	6931818	0.99	cps
Boron	10-1	3659	3751	3567	3659	2.51	cps
Boron	11-1	15858	16542	16284	16228	2.13	cps
Bromine	81-1	13665	14266	14891	14274	4.30	cps
Bromine	81-2	180	130	90	133	33.82	cps
Cadmium	111-1	1639	1648	1638	1642	0.33	cps
Cadmium	106-1	5910	6068	6226	6068	2.61	cps
Cadmium	108-1	158	117	96	124	25.74	cps
Calcium	43-1	8686	8786	8144	8539	4.05	cps
Calcium	44-1	147658	150365	150123	149382	1.00	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8649	8532	8159	8447	3.03	cps
Cobalt	59-2	4087	4137	4197	4141	1.33	cps
Copper	63-2	6578	6635	6532	6582	0.79	cps
Dysprosium	156-1	17	50	25	31	56.77	cps
Dysprosium	156-2	13	23	10	16	44.60	cps
Erbium	164-1	67	50	75	64	19.92	cps
Erbium	164-2	80	47	57	61	27.99	cps
Gadolinium	160-1	67	50	75	64	19.92	cps
Gadolinium	160-2	193	230	203	209	9.07	cps
Holmium	165-1	13363982	13884593	13752849	13667141	1.98	cps
Holmium	165-2	9493965	9478428	9464379	9478924	0.16	cps
Indium	115-1	11631899	11870808	11828758	11777155	1.08	cps
Indium	115-2	4133446	4196737	4197696	4175960	0.88	cps
Iron	56-2	464573	465444	463436	464484	0.22	cps
Iron	57-2	11499	12072	11922	11831	2.51	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	N1331-04	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-QT1-2022-02	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 16:44:14	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	27012	27273	26872	27052	0.75	cps
Krypton	83-1	5971	5708	5424	5701	4.80	cps
Lead	206-1	3456	4156	3962	3858	9.37	cps
Lead	207-1	3234	3245	3100	3193	2.52	cps
Lead	208-1	14976	15809	15860	15548	3.19	cps
Lithium	6-1	2829449	2879537	2911894	2873627	1.45	cps
Magnesium	24-2	123312	122467	122540	122773	0.38	cps
Manganese	55-2	2264	2154	2270	2229	2.94	cps
Molybdenum	94-1	10629	10679	10654	10654	0.23	cps
Molybdenum	95-1	12239	12464	12698	12467	1.84	cps
Molybdenum	96-1	13690	14366	14783	14280	3.86	cps
Molybdenum	97-1	7861	7777	7727	7788	0.87	cps
Molybdenum	98-1	19296	20582	21099	20326	4.57	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1193	1150	1250	1198	4.19	cps
Phosphorus	31-2	450	517	500	489	7.10	cps
Potassium	39-2	198979	195796	193816	196197	1.33	cps
Rhodium	103-1	11363230	11533329	11743710	11546756	1.65	cps
Rhodium	103-2	7303843	7210170	7299229	7271081	0.73	cps
Scandium	45-1	8091011	8325773	8291537	8236107	1.54	cps
Scandium	45-2	695521	703223	699711	699485	0.55	cps
Selenium	82-1	596	571	840	669	22.21	cps
Selenium	77-2	53	33	80	56	42.15	cps
Selenium	78-2	576	511	567	551	6.36	cps
Silicon	28-1	643823	640934	646279	643679	0.42	cps
Silver	107-1	4918	5518	6110	5515	10.81	cps
Silver	109-1	4751	5284	5143	5059	5.46	cps
Sodium	23-2	224283	219341	219222	220948	1.31	cps
Strontium	86-1	10971	10904	10796	10890	0.81	cps
Strontium	88-1	14916	14558	14774	14749	1.22	cps
Sulfur	34-1	379879	383776	386079	383245	0.82	cps
Terbium	159-1	13824960	14387162	14390261	14200794	2.29	cps
Terbium	159-2	9511039	9521741	9538904	9523895	0.15	cps
Thallium	203-1	4976	4926	4509	4804	5.34	cps
Thallium	205-1	10796	11147	11831	11258	4.67	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	N1331-04	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-QT1-2022-02	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 16:44:14	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	12879	13324	13574	13259	2.66	cps
Tin	118-1	21049	20924	21308	21094	0.93	cps
Titanium	47-1	3634	4084	3567	3762	7.47	cps
Uranium	238-1	12089	11814	12248	12050	1.82	cps
Vanadium	51-2	10544	10640	10647	10610	0.55	cps
Yttrium	89-1	18322877	18654672	18601413	18526321	0.96	cps
Yttrium	89-2	4666333	4634055	4661655	4654014	0.37	cps
Zinc	66-2	1313	1293	1387	1331	3.69	cps
Zirconium	90-1	9854	9553	10012	9806	2.37	cps
Zirconium	91-1	2184	2142	2209	2178	1.55	cps

LB Number : LB121156 Operator : Jaswal
 Lab Sample ID : PBW EPA Instrumnet Name : P7
 Client Sample ID : PBW EPA Dilution Factor : 1
 Date & Time Acquired : 2022-05-07 17:01:03 DataFile Name : 041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	128	150	178	152	16.50	cps
Antimony	121-1	92	75	100	89	14.32	cps
Arsenic	75-2	19	35	20	25	37.00	cps
Barium	135-1	58	33	33	42	34.64	cps
Barium	137-1	75	75	75	75	0.00	cps
Beryllium	9-1	43	37	33	38	13.48	cps
Bismuth	209-1	8776150	8928244	8845225	8849873	0.86	cps
Bismuth	209-2	6925609	6914079	7081574	6973754	1.34	cps
Boron	10-1	383	483	342	403	18.08	cps
Boron	11-1	1908	1875	1884	1889	0.92	cps
Bromine	81-1	13848	14090	14099	14012	1.01	cps
Bromine	81-2	120	150	80	117	30.11	cps
Cadmium	111-1	332	336	314	327	3.59	cps
Cadmium	106-1	5826	5960	5943	5910	1.23	cps
Cadmium	108-1	38	42	54	44	19.52	cps
Calcium	43-1	292	258	233	261	11.21	cps
Calcium	44-1	17235	17252	17686	17391	1.47	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3244	3450	3384	3359	3.14	cps
Cobalt	59-2	133	193	110	146	29.54	cps
Copper	63-2	843	807	783	811	3.73	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	17	7	20	14	48.02	cps
Erbium	164-1	108	50	50	69	48.50	cps
Erbium	164-2	43	60	47	50	17.64	cps
Gadolinium	160-1	83	83	25	64	52.72	cps
Gadolinium	160-2	220	210	180	203	10.24	cps
Holmium	165-1	13615156	13998189	13984807	13866051	1.57	cps
Holmium	165-2	9471947	9441084	9516173	9476401	0.40	cps
Indium	115-1	11609212	12073978	12067380	11916857	2.24	cps
Indium	115-2	4166842	4221124	4126335	4171434	1.14	cps
Iron	56-2	17983	18005	17588	17859	1.31	cps
Iron	57-2	450	544	539	511	10.37	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PBW EPA	Instrumnet Name :	P7
Client Sample ID :	PBW EPA	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:01:03	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1802	1892	1852	1849	2.44	cps
Krypton	83-1	5414	5381	5528	5441	1.41	cps
Lead	206-1	722	617	556	632	13.35	cps
Lead	207-1	517	478	511	502	4.19	cps
Lead	208-1	2561	2378	2289	2409	5.76	cps
Lithium	6-1	2841321	2970146	2914851	2908772	2.22	cps
Magnesium	24-2	389	461	306	385	20.21	cps
Manganese	55-2	373	363	410	382	6.43	cps
Molybdenum	94-1	583	492	450	508	13.42	cps
Molybdenum	95-1	192	125	133	150	24.22	cps
Molybdenum	96-1	300	283	308	297	4.28	cps
Molybdenum	97-1	100	108	117	108	7.69	cps
Molybdenum	98-1	242	125	267	211	35.82	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	273	290	287	283	3.11	cps
Phosphorus	31-2	292	283	350	308	11.78	cps
Potassium	39-2	65416	65809	65198	65474	0.47	cps
Rhodium	103-1	11476061	11468745	11600649	11515152	0.64	cps
Rhodium	103-2	7385638	7301948	7226470	7304685	1.09	cps
Scandium	45-1	8177716	8343641	8337615	8286324	1.14	cps
Scandium	45-2	699253	698602	700120	699325	0.11	cps
Selenium	82-1	83	176	96	118	42.57	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	317	413	354	361	13.45	cps
Silicon	28-1	623809	632936	623040	626595	0.88	cps
Silver	107-1	317	325	267	303	10.42	cps
Silver	109-1	225	200	283	236	18.11	cps
Sodium	23-2	21398	21754	21454	21536	0.89	cps
Strontium	86-1	8803	8394	8694	8630	2.45	cps
Strontium	88-1	500	533	442	492	9.44	cps
Sulfur	34-1	384349	386166	385044	385186	0.24	cps
Terbium	159-1	14106634	14328221	14256061	14230305	0.79	cps
Terbium	159-2	9691485	9556442	9547447	9598458	0.84	cps
Thallium	203-1	717	717	708	714	0.67	cps
Thallium	205-1	1283	1625	1433	1447	11.83	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PBW EPA	Instrumnet Name :	P7
Client Sample ID :	PBW EPA	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:01:03	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	44	106	50	67	50.69	cps
Tin	118-1	1442	1358	1158	1320	11.04	cps
Titanium	47-1	192	250	233	225	13.35	cps
Uranium	238-1	83	108	25	72	59.21	cps
Vanadium	51-2	100	63	63	76	28.02	cps
Yttrium	89-1	18331713	18740714	18579063	18550497	1.11	cps
Yttrium	89-2	4714457	4629474	4636142	4660024	1.01	cps
Zinc	66-2	310	350	290	317	9.65	cps
Zirconium	90-1	1150	1175	1117	1147	2.55	cps
Zirconium	91-1	158	250	158	189	28.02	cps

LB Number : LB121156 Operator : Jaswal
 Lab Sample ID : CCV63 Instrumnet Name : P7
 Client Sample ID : CCV63 Dilution Factor : 1
 Date & Time Acquired : 2022-05-07 17:03:56 DataFile Name : 042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15616834	15570272	15022869	15403325	2.14	cps
Antimony	121-1	5756749	5768230	5908001	5810993	1.45	cps
Arsenic	75-2	315446	315605	311460	314170	0.75	cps
Barium	135-1	6774783	6765311	6790679	6776925	0.19	cps
Barium	137-1	11660277	11785520	11709126	11718307	0.54	cps
Beryllium	9-1	1039988	1030421	1066176	1045528	1.77	cps
Bismuth	209-1	8047293	8136888	8263758	8149313	1.33	cps
Bismuth	209-2	6271051	6263184	6055210	6196481	1.98	cps
Boron	10-1	245181	252115	255081	250793	2.03	cps
Boron	11-1	1138889	1185656	1198350	1174298	2.67	cps
Bromine	81-1	11905	11897	11830	11877	0.35	cps
Bromine	81-2	100	80	80	87	13.32	cps
Cadmium	111-1	1384087	1381102	1392090	1385760	0.41	cps
Cadmium	106-1	163707	163946	168233	165295	1.54	cps
Cadmium	108-1	115946	115619	118202	116589	1.21	cps
Calcium	43-1	8908750	8872951	9010374	8930692	0.80	cps
Calcium	44-1	142867032	140646341	143589749	142367707	1.08	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2897348	2881440	2778621	2852470	2.26	cps
Cobalt	59-2	4326463	4417959	4251161	4331861	1.93	cps
Copper	63-2	31802476	31686798	31085945	31525073	1.22	cps
Dysprosium	156-1	858	825	917	867	5.35	cps
Dysprosium	156-2	550	607	547	568	5.94	cps
Erbium	164-1	175	217	192	194	10.78	cps
Erbium	164-2	160	103	120	128	22.79	cps
Gadolinium	160-1	692	567	508	589	15.91	cps
Gadolinium	160-2	493	530	623	549	12.21	cps
Holmium	165-1	13372561	13282431	13591518	13415503	1.18	cps
Holmium	165-2	9286140	9203349	8823176	9104222	2.71	cps
Indium	115-1	10722217	10538192	10743103	10667837	1.06	cps
Indium	115-2	3751523	3686715	3609308	3682515	1.93	cps
Iron	56-2	633524547	620557014	610199791	621427118	1.88	cps
Iron	57-2	15624603	15962958	15382806	15656789	1.86	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P7
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:03:56	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	34713476	34387181	34014287	34371648	1.02	cps
Krypton	83-1	4914	4941	5224	5026	3.42	cps
Lead	206-1	22015719	22090878	22717400	22274666	1.73	cps
Lead	207-1	19367006	19465607	19720664	19517759	0.94	cps
Lead	208-1	89128819	89887091	90579171	89865027	0.81	cps
Lithium	6-1	2684596	2667615	2728202	2693471	1.16	cps
Magnesium	24-2	141753287	142678998	136592186	140341490	2.34	cps
Manganese	55-2	20823282	20797590	20393268	20671380	1.17	cps
Molybdenum	94-1	20906114	21277855	21194015	21125994	0.92	cps
Molybdenum	95-1	29887153	30252793	29972703	30037550	0.64	cps
Molybdenum	96-1	32943007	33205452	32823901	32990787	0.59	cps
Molybdenum	97-1	18492955	18483306	18387538	18454600	0.32	cps
Molybdenum	98-1	47790503	47339815	48225378	47785232	0.93	cps
Neodymium	150-1	380	413	527	440	17.47	cps
Neodymium	150-2	127	123	87	112	19.78	cps
Nickel	60-2	1121706	1133988	1103054	1119582	1.39	cps
Phosphorus	31-2	155096	154668	150498	153421	1.66	cps
Potassium	39-2	72792527	72304787	70056768	71718027	2.03	cps
Rhodium	103-1	9798479	9734001	9952419	9828300	1.14	cps
Rhodium	103-2	6222404	6211474	5962177	6132018	2.40	cps
Scandium	45-1	7613007	7573207	7642227	7609480	0.46	cps
Scandium	45-2	642465	640793	631933	638397	0.89	cps
Selenium	82-1	108956	109949	108596	109167	0.64	cps
Selenium	77-2	10437	10124	9773	10111	3.28	cps
Selenium	78-2	34748	34048	33733	34176	1.52	cps
Silicon	28-1	31537985	31765935	31474935	31592952	0.48	cps
Silver	107-1	7312082	7323495	7339808	7325128	0.19	cps
Silver	109-1	6976624	6977662	7079509	7011265	0.84	cps
Sodium	23-2	235940561	233693266	228338233	232657353	1.68	cps
Strontium	86-1	2028413	2027057	2049117	2034862	0.61	cps
Strontium	88-1	17702288	17502849	17658591	17621242	0.59	cps
Sulfur	34-1	970138	954794	963587	962840	0.80	cps
Terbium	159-1	13772779	14040914	14090185	13967960	1.22	cps
Terbium	159-2	9367620	9219037	8932951	9173203	2.41	cps
Thallium	203-1	5419845	5387136	5483111	5430031	0.90	cps
Thallium	205-1	12834916	12703516	13074950	12871127	1.46	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P7
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:03:56	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	19832455	20020823	20076704	19976661	0.64	cps
Tin	118-1	4708127	4741468	4738860	4729485	0.39	cps
Titanium	47-1	8668885	8583072	8616462	8622807	0.50	cps
Uranium	238-1	18155306	18540292	18461428	18385675	1.11	cps
Vanadium	51-2	2537653	2497741	2401228	2478874	2.83	cps
Yttrium	89-1	17131527	17042029	17448144	17207233	1.24	cps
Yttrium	89-2	4312612	4321644	4152250	4262169	2.24	cps
Zinc	66-2	5220846	5246687	5138198	5201910	1.09	cps
Zirconium	90-1	10724762	10713097	10926499	10788119	1.11	cps
Zirconium	91-1	2384603	2446821	2445602	2425675	1.47	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P7
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:09:29	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	533	517	539	530	2.18	cps
Antimony	121-1	1575	1809	1758	1714	7.17	cps
Arsenic	75-2	26	28	30	28	6.66	cps
Barium	135-1	200	225	283	236	18.11	cps
Barium	137-1	358	292	308	319	10.86	cps
Beryllium	9-1	117	50	63	77	46.02	cps
Bismuth	209-1	8883019	8918920	9031034	8944325	0.86	cps
Bismuth	209-2	7160264	7114853	7082261	7119126	0.55	cps
Boron	10-1	1833	1675	1717	1742	4.71	cps
Boron	11-1	9295	9161	8761	9072	3.06	cps
Bromine	81-1	12155	12639	12205	12333	2.16	cps
Bromine	81-2	60	70	100	77	27.15	cps
Cadmium	111-1	402	346	440	396	12.02	cps
Cadmium	106-1	5768	5476	6235	5826	6.57	cps
Cadmium	108-1	46	38	33	39	16.37	cps
Calcium	43-1	442	367	358	389	11.80	cps
Calcium	44-1	20857	20465	21057	20793	1.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2487	2630	2374	2497	5.15	cps
Cobalt	59-2	187	257	217	220	15.96	cps
Copper	63-2	1617	1680	1667	1655	2.02	cps
Dysprosium	156-1	33	25	0	19	89.21	cps
Dysprosium	156-2	17	13	10	13	25.01	cps
Erbium	164-1	100	92	83	92	9.09	cps
Erbium	164-2	57	53	43	51	13.58	cps
Gadolinium	160-1	67	50	117	78	44.61	cps
Gadolinium	160-2	190	180	163	178	7.58	cps
Holmium	165-1	13719984	13937397	14045580	13900987	1.19	cps
Holmium	165-2	9543853	9598640	9564174	9568889	0.29	cps
Indium	115-1	11393258	11630954	11789125	11604446	1.72	cps
Indium	115-2	4136463	4140627	4057946	4111679	1.13	cps
Iron	56-2	31355	30682	31929	31322	1.99	cps
Iron	57-2	839	828	822	830	1.02	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P7
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:09:29	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2463	2423	2993	2626	12.13	cps
Krypton	83-1	5221	5431	5861	5504	5.93	cps
Lead	206-1	1417	1467	1378	1420	3.14	cps
Lead	207-1	1311	1167	1250	1243	5.84	cps
Lead	208-1	5912	5773	5812	5832	1.23	cps
Lithium	6-1	2858270	2824146	2852570	2844996	0.64	cps
Magnesium	24-2	3723	3645	3595	3654	1.76	cps
Manganese	55-2	803	943	980	909	10.26	cps
Molybdenum	94-1	1100	1225	942	1089	13.04	cps
Molybdenum	95-1	1400	1158	758	1106	29.31	cps
Molybdenum	96-1	1400	1292	1167	1286	9.08	cps
Molybdenum	97-1	875	717	583	725	20.14	cps
Molybdenum	98-1	1967	1775	1842	1861	5.23	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	240	293	273	269	10.02	cps
Phosphorus	31-2	250	258	242	250	3.33	cps
Potassium	39-2	67015	66085	65324	66141	1.28	cps
Rhodium	103-1	11001434	11105353	11356334	11154374	1.64	cps
Rhodium	103-2	7050686	7156693	7094847	7100742	0.75	cps
Scandium	45-1	7879960	7976965	7979417	7945447	0.71	cps
Scandium	45-2	673516	678321	674283	675373	0.38	cps
Selenium	82-1	19	39	-395	-112	-218.67	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	259	369	346	325	17.79	cps
Silicon	28-1	604857	604193	604235	604428	0.06	cps
Silver	107-1	717	692	675	694	3.02	cps
Silver	109-1	642	550	592	594	7.72	cps
Sodium	23-2	49379	50137	49636	49717	0.78	cps
Strontium	86-1	7911	8678	9036	8542	6.73	cps
Strontium	88-1	992	850	950	931	7.82	cps
Sulfur	34-1	339036	339545	339373	339318	0.08	cps
Terbium	159-1	14308243	14195469	14259704	14254472	0.40	cps
Terbium	159-2	9600793	9728119	9638215	9655709	0.68	cps
Thallium	203-1	1100	1133	1042	1092	4.25	cps
Thallium	205-1	2509	2450	2417	2459	1.89	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P7
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:09:29	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	678	600	578	619	8.49	cps
Tin	118-1	967	1092	1025	1028	6.09	cps
Titanium	47-1	383	275	275	311	20.10	cps
Uranium	238-1	558	475	367	467	20.59	cps
Vanadium	51-2	133	117	97	116	15.89	cps
Yttrium	89-1	17613821	18087656	18338527	18013335	2.04	cps
Yttrium	89-2	4474116	4512312	4519599	4502009	0.54	cps
Zinc	66-2	727	710	603	680	9.84	cps
Zirconium	90-1	1592	1442	1517	1517	4.95	cps
Zirconium	91-1	292	308	417	339	20.03	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146265BL	Instrumnet Name :	P7
Client Sample ID :	PB146265BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:34:26	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	256	267	189	237	17.75	cps
Antimony	121-1	192	325	325	281	27.44	cps
Arsenic	75-2	15	24	26	22	27.57	cps
Barium	135-1	42	8	67	39	75.26	cps
Barium	137-1	58	100	67	75	29.40	cps
Beryllium	9-1	53	33	47	44	22.92	cps
Bismuth	209-1	8938546	8961044	9095239	8998276	0.94	cps
Bismuth	209-2	6864796	6825441	6912164	6867467	0.63	cps
Boron	10-1	317	308	425	350	18.60	cps
Boron	11-1	2167	2067	2075	2103	2.64	cps
Bromine	81-1	12956	13148	13506	13203	2.12	cps
Bromine	81-2	150	190	200	180	14.70	cps
Cadmium	111-1	340	281	308	310	9.53	cps
Cadmium	106-1	5976	5359	5643	5660	5.46	cps
Cadmium	108-1	38	38	33	36	6.67	cps
Calcium	43-1	358	283	383	342	15.23	cps
Calcium	44-1	19472	19655	18662	19263	2.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3450	3237	3317	3335	3.23	cps
Cobalt	59-2	180	203	180	188	7.18	cps
Copper	63-2	880	837	837	851	2.94	cps
Dysprosium	156-1	42	25	8	25	66.68	cps
Dysprosium	156-2	13	7	17	12	41.65	cps
Erbium	164-1	175	100	75	117	44.61	cps
Erbium	164-2	50	60	60	57	10.19	cps
Gadolinium	160-1	33	75	58	56	37.75	cps
Gadolinium	160-2	190	133	147	157	18.91	cps
Holmium	165-1	13895535	14126312	13773151	13931666	1.29	cps
Holmium	165-2	9345979	9266410	9373201	9328530	0.59	cps
Indium	115-1	11937771	11705148	11895556	11846158	1.05	cps
Indium	115-2	4143114	4107768	4112407	4121096	0.47	cps
Iron	56-2	16810	17488	16988	17095	2.06	cps
Iron	57-2	578	422	567	522	16.62	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146265BL	Instrumnet Name :	P7
Client Sample ID :	PB146265BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:34:26	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1862	1872	2082	1939	6.41	cps
Krypton	83-1	5348	5618	5648	5538	2.98	cps
Lead	206-1	689	544	739	657	15.36	cps
Lead	207-1	700	561	567	609	12.91	cps
Lead	208-1	2867	2528	2884	2759	7.27	cps
Lithium	6-1	2859202	2899262	2825303	2861256	1.29	cps
Magnesium	24-2	522	511	583	539	7.22	cps
Manganese	55-2	370	403	363	379	5.66	cps
Molybdenum	94-1	442	433	400	425	5.19	cps
Molybdenum	95-1	108	108	108	108	0.00	cps
Molybdenum	96-1	292	275	217	261	15.08	cps
Molybdenum	97-1	92	133	142	122	21.92	cps
Molybdenum	98-1	292	317	250	286	11.77	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	273	253	293	273	7.32	cps
Phosphorus	31-2	325	392	342	353	9.83	cps
Potassium	39-2	62637	63708	63366	63237	0.86	cps
Rhodium	103-1	11474395	11529591	11476517	11493501	0.27	cps
Rhodium	103-2	7108901	7181572	7113357	7134610	0.57	cps
Scandium	45-1	8267896	8130292	8149197	8182461	0.91	cps
Scandium	45-2	673668	680684	680997	678450	0.61	cps
Selenium	82-1	82	-87	-127	-44	-251.04	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	339	333	311	328	4.48	cps
Silicon	28-1	623304	622053	621915	622424	0.12	cps
Silver	107-1	75	83	158	106	43.48	cps
Silver	109-1	67	67	92	75	19.24	cps
Sodium	23-2	23858	24219	23858	23978	0.87	cps
Strontium	86-1	8753	9553	9111	9139	4.39	cps
Strontium	88-1	483	350	450	428	16.22	cps
Sulfur	34-1	368346	364934	366955	366745	0.47	cps
Terbium	159-1	14530581	14654153	14350454	14511729	1.05	cps
Terbium	159-2	9486854	9499904	9508335	9498364	0.11	cps
Thallium	203-1	517	542	667	575	13.98	cps
Thallium	205-1	1533	1500	1600	1545	3.30	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146265BL	Instrumnet Name :	P7
Client Sample ID :	PB146265BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:34:26	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	67	178	78	107	56.97	cps
Tin	118-1	1558	1392	1417	1456	6.18	cps
Titanium	47-1	200	200	142	181	18.65	cps
Uranium	238-1	50	75	58	61	20.83	cps
Vanadium	51-2	63	70	43	59	23.57	cps
Yttrium	89-1	18798309	18676126	18494423	18656286	0.82	cps
Yttrium	89-2	4550687	4534776	4625448	4570304	1.06	cps
Zinc	66-2	297	303	327	309	5.10	cps
Zirconium	90-1	1300	1133	1292	1242	7.56	cps
Zirconium	91-1	167	283	317	256	30.82	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146265BS	Instrumnet Name :	P7
Client Sample ID :	PB146265BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:37:17	DataFile Name :	045LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12778	12772	12833	12794	0.26	cps
Antimony	121-1	41344	41377	42255	41658	1.24	cps
Arsenic	75-2	1406	1443	1395	1414	1.78	cps
Barium	135-1	49679	50147	50792	50206	1.11	cps
Barium	137-1	87000	86966	88106	87357	0.74	cps
Beryllium	9-1	4181	4061	4097	4113	1.50	cps
Bismuth	209-1	8862957	8873050	8770655	8835554	0.64	cps
Bismuth	209-2	6867502	6718030	6713035	6766189	1.30	cps
Boron	10-1	15016	14257	15183	14818	3.33	cps
Boron	11-1	68594	71381	71507	70494	2.34	cps
Bromine	81-1	12472	13557	12539	12856	4.73	cps
Bromine	81-2	80	60	50	63	24.12	cps
Cadmium	111-1	5807	6232	6183	6074	3.83	cps
Cadmium	106-1	6427	6435	6602	6488	1.52	cps
Cadmium	108-1	438	479	533	483	9.94	cps
Calcium	43-1	37355	38583	37672	37870	1.68	cps
Calcium	44-1	614562	626050	625365	621992	1.04	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	26503	26286	26981	26590	1.34	cps
Cobalt	59-2	19192	18919	19513	19208	1.55	cps
Copper	63-2	26474	26644	26931	26683	0.87	cps
Dysprosium	156-1	33	0	33	22	86.60	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	100	108	92	100	8.33	cps
Erbium	164-2	60	43	63	56	19.29	cps
Gadolinium	160-1	58	83	67	69	18.34	cps
Gadolinium	160-2	173	210	137	173	21.15	cps
Holmium	165-1	13753802	13480324	13857295	13697140	1.42	cps
Holmium	165-2	9395218	9159772	9129976	9228322	1.57	cps
Indium	115-1	12082540	11699679	11945775	11909331	1.63	cps
Indium	115-2	4079656	3984188	3949193	4004346	1.69	cps
Iron	56-2	2165285	2141788	2134880	2147318	0.74	cps
Iron	57-2	53679	52921	53411	53337	0.72	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146265BS	Instrumnet Name :	P7
Client Sample ID :	PB146265BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:37:17	DataFile Name :	045LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	122143	121247	119934	121108	0.92	cps
Krypton	83-1	5591	5721	5578	5630	1.41	cps
Lead	206-1	16087	17284	16766	16712	3.59	cps
Lead	207-1	14703	14925	14703	14777	0.87	cps
Lead	208-1	65841	68217	67578	67212	1.83	cps
Lithium	6-1	2888066	2838492	2797007	2841188	1.60	cps
Magnesium	24-2	579510	574041	570593	574715	0.78	cps
Manganese	55-2	9266	9286	9640	9397	2.24	cps
Molybdenum	94-1	23519	22810	23736	23355	2.07	cps
Molybdenum	95-1	13023	13223	13615	13287	2.27	cps
Molybdenum	96-1	17169	16977	17144	17096	0.61	cps
Molybdenum	97-1	8544	8569	8253	8455	2.08	cps
Molybdenum	98-1	20356	21750	21007	21038	3.32	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	5204	5281	5311	5265	1.05	cps
Phosphorus	31-2	417	425	483	442	8.22	cps
Potassium	39-2	678259	683295	680558	680704	0.37	cps
Rhodium	103-1	11575243	11336228	11309489	11406987	1.28	cps
Rhodium	103-2	7097865	7003876	6921660	7007800	1.26	cps
Scandium	45-1	8136781	8030344	8284867	8150664	1.57	cps
Scandium	45-2	682046	675033	672202	676427	0.75	cps
Selenium	82-1	2221	2191	2292	2235	2.33	cps
Selenium	77-2	273	207	203	228	17.34	cps
Selenium	78-2	1091	1061	1056	1069	1.77	cps
Silicon	28-1	768413	770587	775788	771596	0.49	cps
Silver	107-1	24588	27017	27568	26391	6.01	cps
Silver	109-1	21926	25857	26391	24724	9.86	cps
Sodium	23-2	956930	960385	961189	959501	0.24	cps
Strontium	86-1	17060	17227	18112	17466	3.23	cps
Strontium	88-1	71868	71885	71474	71742	0.32	cps
Sulfur	34-1	368218	368804	363218	366746	0.84	cps
Terbium	159-1	14617331	14296526	14338680	14417512	1.21	cps
Terbium	159-2	9573322	9404141	9145788	9374417	2.30	cps
Thallium	203-1	19715	19957	20783	20151	2.78	cps
Thallium	205-1	48186	48329	48278	48264	0.15	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146265BS	Instrumnet Name :	P7
Client Sample ID :	PB146265BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:37:17	DataFile Name :	045LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	64685	65047	64634	64789	0.35	cps
Tin	118-1	1242	1242	1158	1214	3.96	cps
Titanium	47-1	16993	17319	17043	17118	1.02	cps
Uranium	238-1	58104	57618	59142	58288	1.34	cps
Vanadium	51-2	48725	49300	48742	48922	0.67	cps
Yttrium	89-1	18310732	18372403	18421276	18368137	0.30	cps
Yttrium	89-2	4513698	4465036	4348884	4442539	1.91	cps
Zinc	66-2	10911	10781	11181	10957	1.86	cps
Zirconium	90-1	43331	43390	43373	43365	0.07	cps
Zirconium	91-1	9803	9687	9737	9742	0.60	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146266BL	Instrumnet Name :	P7
Client Sample ID :	PB146266BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:40:11	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	217	139	200	185	22.11	cps
Antimony	121-1	117	133	250	167	43.59	cps
Arsenic	75-2	17	26	28	23	25.37	cps
Barium	135-1	83	50	67	67	25.00	cps
Barium	137-1	108	50	42	67	54.49	cps
Beryllium	9-1	57	30	30	39	39.59	cps
Bismuth	209-1	8899773	8759063	8644264	8767700	1.46	cps
Bismuth	209-2	6878033	6949085	6942592	6923237	0.57	cps
Boron	10-1	717	700	725	714	1.78	cps
Boron	11-1	3634	3759	3334	3576	6.11	cps
Bromine	81-1	13214	13740	13682	13545	2.13	cps
Bromine	81-2	110	140	150	133	15.62	cps
Cadmium	111-1	364	318	335	339	6.95	cps
Cadmium	106-1	6527	5401	5885	5937	9.51	cps
Cadmium	108-1	46	42	8	32	64.35	cps
Calcium	43-1	392	200	250	281	35.44	cps
Calcium	44-1	18337	18962	18796	18698	1.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3237	3264	3174	3225	1.43	cps
Cobalt	59-2	160	200	163	174	12.72	cps
Copper	63-2	830	730	820	793	6.94	cps
Dysprosium	156-1	17	33	8	19	65.47	cps
Dysprosium	156-2	10	7	10	9	21.63	cps
Erbium	164-1	25	58	150	78	83.22	cps
Erbium	164-2	60	53	57	57	5.89	cps
Gadolinium	160-1	67	50	67	61	15.75	cps
Gadolinium	160-2	147	173	243	188	26.59	cps
Holmium	165-1	13872507	13677721	13625203	13725144	0.95	cps
Holmium	165-2	9315135	9378081	9546617	9413278	1.27	cps
Indium	115-1	11902341	11623019	11637165	11720842	1.34	cps
Indium	115-2	4138663	4102795	4156471	4132643	0.66	cps
Iron	56-2	16665	16993	16081	16580	2.79	cps
Iron	57-2	461	506	461	476	5.39	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146266BL	Instrumnet Name :	P7
Client Sample ID :	PB146266BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:40:11	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1682	1672	1962	1772	9.30	cps
Krypton	83-1	5658	5661	5628	5649	0.33	cps
Lead	206-1	594	633	789	672	15.31	cps
Lead	207-1	639	550	494	561	12.99	cps
Lead	208-1	2856	2756	2733	2782	2.34	cps
Lithium	6-1	2908144	2763044	2839092	2836760	2.56	cps
Magnesium	24-2	456	428	428	437	3.67	cps
Manganese	55-2	317	277	353	316	12.15	cps
Molybdenum	94-1	458	342	358	386	16.34	cps
Molybdenum	95-1	133	142	108	128	13.57	cps
Molybdenum	96-1	283	258	208	250	15.27	cps
Molybdenum	97-1	142	75	125	114	30.46	cps
Molybdenum	98-1	300	183	217	233	25.75	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	277	280	273	277	1.21	cps
Phosphorus	31-2	250	275	292	272	7.70	cps
Potassium	39-2	62998	65207	63751	63985	1.75	cps
Rhodium	103-1	11463850	11234344	11262644	11320279	1.11	cps
Rhodium	103-2	7083250	7263823	7156939	7168004	1.27	cps
Scandium	45-1	8301137	8078791	7917742	8099223	2.38	cps
Scandium	45-2	681151	689388	685551	685363	0.60	cps
Selenium	82-1	-49	-48	-76	-58	-27.65	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	328	369	356	351	5.94	cps
Silicon	28-1	628043	631163	637755	632320	0.78	cps
Silver	107-1	542	442	433	472	12.77	cps
Silver	109-1	467	467	383	439	10.96	cps
Sodium	23-2	23429	22801	22990	23073	1.40	cps
Strontium	86-1	9053	8561	8478	8697	3.58	cps
Strontium	88-1	475	433	558	489	13.02	cps
Sulfur	34-1	368429	369993	371881	370101	0.47	cps
Terbium	159-1	14313294	14202021	13958709	14158008	1.28	cps
Terbium	159-2	9497050	9554263	9602163	9551159	0.55	cps
Thallium	203-1	583	617	650	617	5.41	cps
Thallium	205-1	1525	1825	1492	1614	11.38	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146266BL	Instrumnet Name :	P7
Client Sample ID :	PB146266BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:40:11	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	83	67	94	81	17.16	cps
Tin	118-1	1458	1567	1417	1481	5.23	cps
Titanium	47-1	192	183	150	175	12.60	cps
Uranium	238-1	83	92	75	83	10.00	cps
Vanadium	51-2	43	67	63	58	21.85	cps
Yttrium	89-1	18417413	18373462	18150043	18313639	0.78	cps
Yttrium	89-2	4534841	4582476	4516942	4544753	0.75	cps
Zinc	66-2	347	467	357	390	17.07	cps
Zirconium	90-1	1242	1317	1417	1325	6.63	cps
Zirconium	91-1	283	208	258	250	15.27	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146270BL	Instrumnet Name :	P7
Client Sample ID :	PB146270BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:45:57	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	172	211	189	191	10.23	cps
Antimony	121-1	183	158	158	167	8.66	cps
Arsenic	75-2	24	17	31	24	30.76	cps
Barium	135-1	83	83	50	72	26.65	cps
Barium	137-1	75	33	92	67	45.07	cps
Beryllium	9-1	40	33	27	33	20.00	cps
Bismuth	209-1	8853903	8905538	8927099	8895513	0.42	cps
Bismuth	209-2	6980095	7015101	6990168	6995121	0.26	cps
Boron	10-1	867	758	750	792	8.22	cps
Boron	11-1	4076	3801	3392	3756	9.16	cps
Bromine	81-1	14215	14082	14266	14188	0.67	cps
Bromine	81-2	120	160	180	153	19.93	cps
Cadmium	111-1	351	316	348	338	5.68	cps
Cadmium	106-1	5876	5976	5685	5846	2.54	cps
Cadmium	108-1	8	42	21	24	71.34	cps
Calcium	43-1	342	383	292	339	13.54	cps
Calcium	44-1	19280	18579	18570	18809	2.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3360	3184	3277	3274	2.70	cps
Cobalt	59-2	203	153	197	184	14.72	cps
Copper	63-2	853	827	890	857	3.71	cps
Dysprosium	156-1	58	8	8	25	115.49	cps
Dysprosium	156-2	13	23	13	17	34.65	cps
Erbium	164-1	75	83	92	83	10.00	cps
Erbium	164-2	50	63	63	59	13.07	cps
Gadolinium	160-1	100	83	67	83	20.00	cps
Gadolinium	160-2	180	170	160	170	5.88	cps
Holmium	165-1	13889606	14019578	13785961	13898382	0.84	cps
Holmium	165-2	9570388	9467753	9488703	9508948	0.57	cps
Indium	115-1	12054795	11962306	11933725	11983609	0.53	cps
Indium	115-2	4147841	4194665	4073520	4138676	1.48	cps
Iron	56-2	16910	16832	16415	16719	1.59	cps
Iron	57-2	572	617	506	565	9.90	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146270BL	Instrumnet Name :	P7
Client Sample ID :	PB146270BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:45:57	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1762	2072	1882	1905	8.21	cps
Krypton	83-1	5684	5591	5541	5606	1.30	cps
Lead	206-1	744	550	639	644	15.11	cps
Lead	207-1	589	556	617	587	5.21	cps
Lead	208-1	2961	2450	2756	2722	9.45	cps
Lithium	6-1	2876280	2888152	2915997	2893476	0.70	cps
Magnesium	24-2	344	383	372	367	5.46	cps
Manganese	55-2	313	323	337	324	3.61	cps
Molybdenum	94-1	608	583	450	547	15.55	cps
Molybdenum	95-1	125	92	125	114	16.90	cps
Molybdenum	96-1	275	317	300	297	7.06	cps
Molybdenum	97-1	100	83	67	83	20.00	cps
Molybdenum	98-1	233	283	283	267	10.83	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	207	297	277	260	18.18	cps
Phosphorus	31-2	267	258	358	294	18.84	cps
Potassium	39-2	65115	64303	63717	64378	1.09	cps
Rhodium	103-1	11403776	11580104	11502607	11495496	0.77	cps
Rhodium	103-2	7257647	7278578	7166676	7234301	0.82	cps
Scandium	45-1	8182985	8140971	8242726	8188894	0.62	cps
Scandium	45-2	696620	690282	690011	692304	0.54	cps
Selenium	82-1	-234	-96	7	-108	-112.12	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	357	344	361	354	2.47	cps
Silicon	28-1	644816	640608	636602	640676	0.64	cps
Silver	107-1	575	550	533	553	3.79	cps
Silver	109-1	475	542	358	458	20.25	cps
Sodium	23-2	22572	22617	23251	22813	1.66	cps
Strontium	86-1	8411	9495	9420	9109	6.65	cps
Strontium	88-1	458	425	525	469	10.85	cps
Sulfur	34-1	365436	366937	370010	367461	0.63	cps
Terbium	159-1	14549771	14624447	14451136	14541785	0.60	cps
Terbium	159-2	9537364	9568909	9520633	9542302	0.26	cps
Thallium	203-1	708	667	675	683	3.23	cps
Thallium	205-1	1600	1650	1642	1631	1.64	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146270BL	Instrumnet Name :	P7
Client Sample ID :	PB146270BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:45:57	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	72	67	117	85	32.17	cps
Tin	118-1	1600	1683	1400	1561	9.33	cps
Titanium	47-1	167	208	225	200	15.02	cps
Uranium	238-1	33	83	75	64	41.93	cps
Vanadium	51-2	53	77	47	59	26.75	cps
Yttrium	89-1	18523278	18518126	18581476	18540960	0.19	cps
Yttrium	89-2	4634169	4605559	4556931	4598886	0.85	cps
Zinc	66-2	330	423	360	371	12.84	cps
Zirconium	90-1	1358	1192	1250	1267	6.68	cps
Zirconium	91-1	267	300	250	272	9.35	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146266BS	Instrumnet Name :	P7
Client Sample ID :	PB146266BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:48:49	DataFile Name :	049LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12277	12400	12761	12479	2.02	cps
Antimony	121-1	40558	42305	41795	41553	2.16	cps
Arsenic	75-2	1469	1411	1376	1419	3.29	cps
Barium	135-1	49604	50716	50925	50415	1.41	cps
Barium	137-1	85642	86950	86237	86276	0.76	cps
Beryllium	9-1	4127	4057	4437	4207	4.81	cps
Bismuth	209-1	8880085	9053116	8875860	8936354	1.13	cps
Bismuth	209-2	7100388	6989981	7016703	7035691	0.82	cps
Boron	10-1	14232	14624	15391	14749	4.00	cps
Boron	11-1	68368	70268	72202	70279	2.73	cps
Bromine	81-1	13565	13982	13373	13640	2.28	cps
Bromine	81-2	120	160	180	153	19.93	cps
Cadmium	111-1	6136	5988	6138	6087	1.41	cps
Cadmium	106-1	6760	7160	6660	6860	3.86	cps
Cadmium	108-1	417	492	554	488	14.12	cps
Calcium	43-1	37113	37238	38633	37661	2.24	cps
Calcium	44-1	620269	621325	625166	622254	0.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	27184	27462	27969	27539	1.45	cps
Cobalt	59-2	18248	18849	18909	18668	1.96	cps
Copper	63-2	27399	25976	26794	26723	2.67	cps
Dysprosium	156-1	25	8	25	19	49.50	cps
Dysprosium	156-2	13	10	13	12	15.73	cps
Erbium	164-1	83	117	133	111	22.91	cps
Erbium	164-2	50	70	60	60	16.67	cps
Gadolinium	160-1	58	33	33	42	34.64	cps
Gadolinium	160-2	160	180	173	171	5.95	cps
Holmium	165-1	13948778	14136396	14124653	14069942	0.75	cps
Holmium	165-2	9603139	9666161	9458851	9576050	1.11	cps
Indium	115-1	11996600	11969341	12194143	12053361	1.02	cps
Indium	115-2	4101636	4173320	4147817	4140924	0.88	cps
Iron	56-2	2113397	2148789	2126919	2129702	0.84	cps
Iron	57-2	52325	53200	52369	52631	0.94	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146266BS	Instrumnet Name :	P7
Client Sample ID :	PB146266BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:48:49	DataFile Name :	049LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	119591	119541	116806	118646	1.34	cps
Krypton	83-1	5514	5468	5668	5550	1.89	cps
Lead	206-1	15898	16694	16905	16499	3.22	cps
Lead	207-1	14680	14558	14636	14625	0.42	cps
Lead	208-1	66538	67656	67918	67371	1.09	cps
Lithium	6-1	2889726	2894151	2906826	2896901	0.31	cps
Magnesium	24-2	565503	566789	561432	564574	0.50	cps
Manganese	55-2	8899	9033	9093	9008	1.10	cps
Molybdenum	94-1	23144	23586	22510	23080	2.35	cps
Molybdenum	95-1	13340	13573	13640	13518	1.17	cps
Molybdenum	96-1	17169	17194	17336	17233	0.52	cps
Molybdenum	97-1	8178	8236	8536	8316	2.31	cps
Molybdenum	98-1	20548	22134	21433	21372	3.72	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	5241	5181	5288	5237	1.02	cps
Phosphorus	31-2	433	442	542	472	12.77	cps
Potassium	39-2	668143	668961	671631	669579	0.27	cps
Rhodium	103-1	11613491	11633616	11653950	11633686	0.17	cps
Rhodium	103-2	7263858	7181502	7217925	7221095	0.57	cps
Scandium	45-1	8332276	8219701	8300506	8284161	0.70	cps
Scandium	45-2	689153	695431	695852	693479	0.54	cps
Selenium	82-1	2069	2253	2087	2136	4.74	cps
Selenium	77-2	187	143	177	169	13.43	cps
Selenium	78-2	1072	1006	1093	1057	4.31	cps
Silicon	28-1	784640	793639	799176	792485	0.93	cps
Silver	107-1	24530	26616	27744	26297	6.20	cps
Silver	109-1	22293	25607	27351	25084	10.24	cps
Sodium	23-2	943947	952727	942482	946385	0.59	cps
Strontium	86-1	17019	17569	16827	17138	2.25	cps
Strontium	88-1	71575	71843	73761	72393	1.65	cps
Sulfur	34-1	372340	375636	372512	373496	0.50	cps
Terbium	159-1	14674075	14432039	14643356	14583157	0.90	cps
Terbium	159-2	9447234	9437564	9636394	9507064	1.18	cps
Thallium	203-1	20616	20700	20215	20510	1.26	cps
Thallium	205-1	48905	48044	48679	48543	0.92	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146266BS	Instrumnet Name :	P7
Client Sample ID :	PB146266BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:48:49	DataFile Name :	049LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	63428	65444	64261	64378	1.57	cps
Tin	118-1	1900	1925	1892	1906	0.91	cps
Titanium	47-1	16543	17961	16843	17116	4.37	cps
Uranium	238-1	58590	58490	57911	58330	0.63	cps
Vanadium	51-2	49096	48334	48361	48597	0.89	cps
Yttrium	89-1	18756348	18613982	18644776	18671702	0.40	cps
Yttrium	89-2	4591442	4571537	4545438	4569472	0.50	cps
Zinc	66-2	11861	11531	11354	11582	2.22	cps
Zirconium	90-1	42813	42554	43298	42888	0.88	cps
Zirconium	91-1	9695	9745	9703	9715	0.28	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146270BS	Instrumnet Name :	P7
Client Sample ID :	PB146270BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:51:43	DataFile Name :	050LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3031917	3085082	3086843	3067948	1.02	cps
Antimony	121-1	5677902	5713621	5761862	5717795	0.74	cps
Arsenic	75-2	332107	332458	334013	332859	0.30	cps
Barium	135-1	6955824	6945554	7047261	6982880	0.80	cps
Barium	137-1	11915734	12132304	12139091	12062376	1.05	cps
Beryllium	9-1	1063424	1048917	1075270	1062537	1.24	cps
Bismuth	209-1	8743371	8811905	8946704	8833993	1.17	cps
Bismuth	209-2	6619922	6729539	6665480	6671647	0.83	cps
Boron	10-1	265647	274298	274247	271397	1.83	cps
Boron	11-1	1242758	1278102	1275434	1265431	1.56	cps
Bromine	81-1	12547	12531	12464	12514	0.35	cps
Bromine	81-2	100	90	70	87	17.63	cps
Cadmium	111-1	1435132	1424803	1456446	1438794	1.12	cps
Cadmium	106-1	171278	171479	172104	171620	0.25	cps
Cadmium	108-1	120865	120731	121276	120957	0.23	cps
Calcium	43-1	1912168	1896373	1955909	1921483	1.61	cps
Calcium	44-1	30317738	30750536	30789182	30619152	0.85	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2925123	2933584	2995838	2951515	1.31	cps
Cobalt	59-2	4567840	4569354	4528889	4555361	0.50	cps
Copper	63-2	32727112	32435647	32616891	32593217	0.45	cps
Dysprosium	156-1	342	292	325	319	7.97	cps
Dysprosium	156-2	260	333	353	316	15.57	cps
Erbium	164-1	167	267	167	200	28.87	cps
Erbium	164-2	130	107	97	111	15.39	cps
Gadolinium	160-1	267	308	350	308	13.51	cps
Gadolinium	160-2	360	347	337	348	3.37	cps
Holmium	165-1	13996131	14151551	13962789	14036824	0.72	cps
Holmium	165-2	9353185	9363555	9285225	9333988	0.46	cps
Indium	115-1	11387705	11357775	11511359	11418946	0.71	cps
Indium	115-2	3917785	3847740	3817472	3860999	1.33	cps
Iron	56-2	134496995	135349350	132321784	134056043	1.16	cps
Iron	57-2	3275652	3296934	3295246	3289277	0.36	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146270BS	Instrumnet Name :	P7
Client Sample ID :	PB146270BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:51:43	DataFile Name :	050LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	7384685	7445857	7461695	7430746	0.55	cps
Krypton	83-1	5378	5234	5401	5338	1.69	cps
Lead	206-1	22839527	23278280	23266316	23128041	1.08	cps
Lead	207-1	19874301	20276295	20255752	20135449	1.12	cps
Lead	208-1	91473756	93524799	93053495	92684017	1.16	cps
Lithium	6-1	2867077	2874652	2896862	2879530	0.54	cps
Magnesium	24-2	29842424	29556822	29952247	29783831	0.69	cps
Manganese	55-2	21510398	21622328	21415448	21516058	0.48	cps
Molybdenum	94-1	21779527	21857772	22075081	21904127	0.70	cps
Molybdenum	95-1	30954843	30847727	30952357	30918309	0.20	cps
Molybdenum	96-1	34247954	34335350	34203957	34262420	0.20	cps
Molybdenum	97-1	19394368	19316412	19255767	19322183	0.36	cps
Molybdenum	98-1	49040470	49219396	49346382	49202083	0.31	cps
Neodymium	150-1	373	393	440	402	8.51	cps
Neodymium	150-2	103	77	100	93	15.56	cps
Nickel	60-2	1129688	1137339	1124240	1130422	0.58	cps
Phosphorus	31-2	156049	158051	158643	157581	0.86	cps
Potassium	39-2	15089752	15354646	15054182	15166193	1.08	cps
Rhodium	103-1	10956273	10940711	10994399	10963794	0.25	cps
Rhodium	103-2	6689768	6747000	6655362	6697377	0.69	cps
Scandium	45-1	8079379	8156162	8082462	8106001	0.54	cps
Scandium	45-2	662036	657196	664791	661341	0.58	cps
Selenium	82-1	112382	112928	112948	112752	0.28	cps
Selenium	77-2	10280	10207	10497	10328	1.46	cps
Selenium	78-2	34260	34707	34950	34639	1.01	cps
Silicon	28-1	36077617	35431266	35703662	35737515	0.91	cps
Silver	107-1	7654294	7670244	7722250	7682262	0.46	cps
Silver	109-1	7319058	7369399	7382029	7356829	0.45	cps
Sodium	23-2	48545321	49335751	49921412	49267495	1.40	cps
Strontium	86-1	2117095	2132015	2111792	2120301	0.49	cps
Strontium	88-1	18257917	18173561	18236308	18222595	0.24	cps
Sulfur	34-1	1017383	1007354	1008037	1010925	0.55	cps
Terbium	159-1	14693716	14600826	14572191	14622244	0.43	cps
Terbium	159-2	9422073	9403690	9399447	9408404	0.13	cps
Thallium	203-1	5604987	5767591	5661670	5678083	1.45	cps
Thallium	205-1	13192295	13447622	13344104	13328007	0.96	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146270BS	Instrumnet Name :	P7
Client Sample ID :	PB146270BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:51:43	DataFile Name :	050LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	19637995	19636312	19986251	19753519	1.02	cps
Tin	118-1	4919899	4963580	4910601	4931360	0.57	cps
Titanium	47-1	8913669	9082155	8958305	8984710	0.97	cps
Uranium	238-1	17940520	17819602	18190031	17983384	1.05	cps
Vanadium	51-2	2546840	2532950	2547631	2542474	0.32	cps
Yttrium	89-1	18261468	18273009	18205340	18246606	0.20	cps
Yttrium	89-2	4380739	4406903	4398100	4395247	0.30	cps
Zinc	66-2	5426813	5344113	5339296	5370074	0.92	cps
Zirconium	90-1	11089728	11252387	11202879	11181665	0.75	cps
Zirconium	91-1	2477542	2478602	2481135	2479093	0.07	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146269BL	Instrumnet Name :	P7
Client Sample ID :	PB146269BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:54:18	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	278	233	250	254	8.85	cps
Antimony	121-1	3134	3042	3676	3284	10.43	cps
Arsenic	75-2	37	41	35	38	7.50	cps
Barium	135-1	833	525	633	664	23.56	cps
Barium	137-1	1358	825	867	1017	29.18	cps
Beryllium	9-1	140	113	143	132	12.44	cps
Bismuth	209-1	8146691	8273478	9385359	8601842	7.92	cps
Bismuth	209-2	6936556	6902029	6936744	6925110	0.29	cps
Boron	10-1	6518	5801	5526	5949	8.61	cps
Boron	11-1	29721	26340	23602	26554	11.54	cps
Bromine	81-1	12672	13265	12164	12700	4.34	cps
Bromine	81-2	170	160	160	164	3.53	cps
Cadmium	111-1	502	377	444	441	14.23	cps
Cadmium	106-1	5326	4751	5768	5282	9.66	cps
Cadmium	108-1	17	38	46	33	45.06	cps
Calcium	43-1	450	400	442	431	6.22	cps
Calcium	44-1	22359	21307	21699	21789	2.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3414	3317	3204	3312	3.17	cps
Cobalt	59-2	293	320	343	319	7.85	cps
Copper	63-2	2364	2090	2214	2222	6.16	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	20	13	20	18	21.66	cps
Erbium	164-1	67	83	117	89	28.64	cps
Erbium	164-2	50	53	63	56	12.49	cps
Gadolinium	160-1	42	75	58	58	28.57	cps
Gadolinium	160-2	157	233	193	194	19.72	cps
Holmium	165-1	12403246	12664351	14468321	13178639	8.53	cps
Holmium	165-2	9333168	9260386	9406637	9333397	0.78	cps
Indium	115-1	10412255	10605867	12128622	11048915	8.51	cps
Indium	115-2	4035076	4065615	4052464	4051052	0.38	cps
Iron	56-2	21777	20192	20281	20750	4.29	cps
Iron	57-2	622	506	567	565	10.33	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146269BL	Instrumnet Name :	P7
Client Sample ID :	PB146269BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:54:18	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2112	2162	2162	2146	1.35	cps
Krypton	83-1	5354	5604	5551	5503	2.39	cps
Lead	206-1	3651	2689	2545	2962	20.30	cps
Lead	207-1	2784	2389	2372	2515	9.25	cps
Lead	208-1	13987	10368	10707	11687	17.10	cps
Lithium	6-1	2556928	2536475	2844813	2646072	6.52	cps
Magnesium	24-2	1778	1456	1467	1567	11.68	cps
Manganese	55-2	1170	1240	1030	1147	9.33	cps
Molybdenum	94-1	3325	2350	2275	2650	22.11	cps
Molybdenum	95-1	4668	2717	3017	3467	30.29	cps
Molybdenum	96-1	4751	3434	3667	3951	17.79	cps
Molybdenum	97-1	2817	1700	1600	2039	33.13	cps
Molybdenum	98-1	6935	4267	4751	5318	26.73	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	350	300	317	322	7.90	cps
Phosphorus	31-2	192	242	233	222	12.05	cps
Potassium	39-2	61734	59901	59969	60535	1.72	cps
Rhodium	103-1	9856851	10164239	11384687	10468593	7.72	cps
Rhodium	103-2	7116498	7070424	6942697	7043206	1.28	cps
Scandium	45-1	7042077	7022191	8064566	7376278	8.08	cps
Scandium	45-2	661743	660390	660291	660808	0.12	cps
Selenium	82-1	186	-73	-33	27	516.74	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	339	293	319	317	7.33	cps
Silicon	28-1	685454	669391	662203	672349	1.77	cps
Silver	107-1	2759	1925	2009	2231	20.58	cps
Silver	109-1	2284	1725	1658	1889	18.17	cps
Sodium	23-2	29540	28443	28571	28851	2.08	cps
Strontium	86-1	8719	8936	9195	8950	2.66	cps
Strontium	88-1	2300	1767	1959	2009	13.45	cps
Sulfur	34-1	318057	317361	325097	320172	1.34	cps
Terbium	159-1	12736589	12888007	14908224	13510940	8.97	cps
Terbium	159-2	9526943	9396799	9433847	9452530	0.71	cps
Thallium	203-1	1850	1533	1492	1625	12.06	cps
Thallium	205-1	4117	3776	3526	3806	7.81	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146269BL	Instrumnet Name :	P7
Client Sample ID :	PB146269BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:54:18	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	2489	1406	1656	1850	30.66	cps
Tin	118-1	2175	1892	1959	2009	7.38	cps
Titanium	47-1	1217	800	758	925	27.40	cps
Uranium	238-1	1909	1100	1142	1383	32.90	cps
Vanadium	51-2	147	160	147	151	5.09	cps
Yttrium	89-1	15853451	16464481	18719488	17012473	8.87	cps
Yttrium	89-2	4488397	4434258	4404751	4442469	0.95	cps
Zinc	66-2	650	500	650	600	14.43	cps
Zirconium	90-1	2475	1733	1934	2047	18.74	cps
Zirconium	91-1	492	433	517	481	8.90	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146269BS	Instrumnet Name :	P7
Client Sample ID :	PB146269BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:57:13	DataFile Name :	052LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3095316	3053802	3025906	3058342	1.14	cps
Antimony	121-1	5595468	5695143	5677077	5655896	0.94	cps
Arsenic	75-2	328236	327777	325083	327032	0.52	cps
Barium	135-1	6897594	6941652	7011024	6950090	0.82	cps
Barium	137-1	11852187	11924281	12025734	11934067	0.73	cps
Beryllium	9-1	1028287	1063140	1044694	1045374	1.67	cps
Bismuth	209-1	9024707	8746139	8921501	8897449	1.58	cps
Bismuth	209-2	6857533	6743504	6796721	6799253	0.84	cps
Boron	10-1	254422	268715	273043	265394	3.67	cps
Boron	11-1	1205489	1237574	1286569	1243211	3.28	cps
Bromine	81-1	12781	12197	11963	12314	3.42	cps
Bromine	81-2	50	90	100	80	33.07	cps
Cadmium	111-1	1399348	1422980	1428845	1417058	1.10	cps
Cadmium	106-1	166888	169472	167358	167906	0.82	cps
Cadmium	108-1	118988	117757	118256	118334	0.52	cps
Calcium	43-1	1875225	1865327	1866990	1869180	0.28	cps
Calcium	44-1	29251742	29797432	29416916	29488697	0.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2949658	2943452	2893988	2929033	1.04	cps
Cobalt	59-2	4520282	4474057	4500436	4498259	0.52	cps
Copper	63-2	32103090	32076243	32192755	32124030	0.19	cps
Dysprosium	156-1	258	308	400	322	22.30	cps
Dysprosium	156-2	323	320	283	309	7.19	cps
Erbium	164-1	175	183	208	189	9.18	cps
Erbium	164-2	107	107	97	103	5.59	cps
Gadolinium	160-1	367	342	250	319	19.23	cps
Gadolinium	160-2	347	383	340	357	6.54	cps
Holmium	165-1	14158548	13805996	14102788	14022444	1.35	cps
Holmium	165-2	9612689	9499836	9383266	9498597	1.21	cps
Indium	115-1	11327817	11039614	11178338	11181923	1.29	cps
Indium	115-2	3938927	3830638	3861027	3876864	1.44	cps
Iron	56-2	133033159	132240000	132027556	132433571	0.40	cps
Iron	57-2	3316032	3305685	3247308	3289675	1.13	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146269BS	Instrumnet Name :	P7
Client Sample ID :	PB146269BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:57:13	DataFile Name :	052LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	7445263	7378289	7287560	7370371	1.07	cps
Krypton	83-1	5021	5208	5048	5092	1.98	cps
Lead	206-1	22959987	23483013	23400280	23281093	1.21	cps
Lead	207-1	20024588	20661541	20380281	20355470	1.57	cps
Lead	208-1	92816973	94496603	94221313	93844963	0.96	cps
Lithium	6-1	2796900	2777979	2757612	2777497	0.71	cps
Magnesium	24-2	29738347	29563815	29175685	29492615	0.98	cps
Manganese	55-2	21589501	21536586	21184453	21436847	1.03	cps
Molybdenum	94-1	21263804	21348222	21403156	21338394	0.33	cps
Molybdenum	95-1	30211809	30319926	30284495	30272077	0.18	cps
Molybdenum	96-1	33296855	33361008	33573459	33410441	0.43	cps
Molybdenum	97-1	18759440	18849987	18956261	18855229	0.52	cps
Molybdenum	98-1	48333202	48492380	48141474	48322352	0.36	cps
Neodymium	150-1	400	447	387	411	7.66	cps
Neodymium	150-2	137	90	97	108	23.42	cps
Nickel	60-2	1111640	1118169	1115406	1115072	0.29	cps
Phosphorus	31-2	158413	155056	150864	154778	2.44	cps
Potassium	39-2	14884982	15062676	14614466	14854041	1.52	cps
Rhodium	103-1	10776244	10491208	10511314	10592922	1.50	cps
Rhodium	103-2	6731174	6655257	6647923	6678118	0.69	cps
Scandium	45-1	7877788	7666709	7688417	7744304	1.50	cps
Scandium	45-2	660883	658983	652844	657570	0.64	cps
Selenium	82-1	108877	110503	111568	110316	1.23	cps
Selenium	77-2	10030	10047	10150	10076	0.65	cps
Selenium	78-2	34616	34067	33644	34109	1.43	cps
Silicon	28-1	34692376	34089629	34460277	34414094	0.88	cps
Silver	107-1	7485900	7527074	7507276	7506750	0.27	cps
Silver	109-1	7166978	7197736	7252809	7205841	0.60	cps
Sodium	23-2	49232139	49383777	49073644	49229853	0.32	cps
Strontium	86-1	2057455	2069575	2107035	2078022	1.24	cps
Strontium	88-1	17825682	18182598	17926195	17978158	1.02	cps
Sulfur	34-1	946796	947028	968653	954159	1.32	cps
Terbium	159-1	14602797	14379107	14466777	14482894	0.78	cps
Terbium	159-2	9521910	9453187	9520089	9498395	0.41	cps
Thallium	203-1	5595000	5634190	5648729	5625973	0.49	cps
Thallium	205-1	13195081	13429255	13401085	13341807	0.96	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146269BS	Instrumnet Name :	P7
Client Sample ID :	PB146269BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 17:57:13	DataFile Name :	052LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	19710611	19922305	20078616	19903844	0.93	cps
Tin	118-1	4841743	4899667	4830845	4857418	0.76	cps
Titanium	47-1	8608984	8801847	8662606	8691146	1.15	cps
Uranium	238-1	17648106	18227934	18112381	17996140	1.71	cps
Vanadium	51-2	2508437	2492803	2482943	2494728	0.52	cps
Yttrium	89-1	18159580	17450721	17914333	17841544	2.02	cps
Yttrium	89-2	4388172	4404686	4395606	4396155	0.19	cps
Zinc	66-2	5339536	5291503	5345799	5325613	0.56	cps
Zirconium	90-1	10885806	10980851	10994035	10953564	0.54	cps
Zirconium	91-1	2421877	2472920	2450129	2448309	1.04	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146321BL	Instrumnet Name :	P7
Client Sample ID :	PB146321BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 18:03:07	DataFile Name :	053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	244	283	256	261	7.67	cps
Antimony	121-1	1308	1300	1408	1339	4.50	cps
Arsenic	75-2	41	28	30	33	21.43	cps
Barium	135-1	158	158	75	131	36.85	cps
Barium	137-1	342	200	275	272	26.03	cps
Beryllium	9-1	73	73	53	67	17.32	cps
Bismuth	209-1	8912614	8982376	8968203	8954398	0.41	cps
Bismuth	209-2	6881675	6944194	6972686	6932852	0.67	cps
Boron	10-1	2367	2425	2350	2381	1.65	cps
Boron	11-1	11771	11680	11479	11644	1.28	cps
Bromine	81-1	12981	12656	13048	12895	1.63	cps
Bromine	81-2	140	150	180	157	13.29	cps
Cadmium	111-1	359	376	325	353	7.23	cps
Cadmium	106-1	5384	5668	5309	5454	3.47	cps
Cadmium	108-1	42	46	42	43	5.58	cps
Calcium	43-1	375	250	358	328	20.71	cps
Calcium	44-1	20640	20706	19964	20437	2.01	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3240	3227	3154	3207	1.46	cps
Cobalt	59-2	260	190	210	220	16.39	cps
Copper	63-2	1377	1263	1310	1317	4.33	cps
Dysprosium	156-1	33	33	33	33	0.00	cps
Dysprosium	156-2	13	7	7	9	43.25	cps
Erbium	164-1	92	108	117	106	12.06	cps
Erbium	164-2	57	70	73	67	13.22	cps
Gadolinium	160-1	67	83	100	83	20.00	cps
Gadolinium	160-2	197	153	207	186	15.28	cps
Holmium	165-1	13842750	13805024	13629320	13759031	0.83	cps
Holmium	165-2	9347637	9251255	9457745	9352212	1.10	cps
Indium	115-1	11554107	11621173	11693942	11623074	0.60	cps
Indium	115-2	4010193	3937898	4011558	3986550	1.06	cps
Iron	56-2	17282	17438	17232	17318	0.62	cps
Iron	57-2	506	506	606	539	10.71	cps

LB Number : LB121156 Operator : Jaswal
 Lab Sample ID : PB146321BL Instrumnet Name : P7
 Client Sample ID : PB146321BL Dilution Factor : 1
 Date & Time Acquired : 2022-05-07 18:03:07 DataFile Name : 053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1852	1762	1872	1829	3.21	cps
Krypton	83-1	5324	5278	5251	5284	0.70	cps
Lead	206-1	1439	1256	1539	1411	10.18	cps
Lead	207-1	1045	1122	1045	1070	4.20	cps
Lead	208-1	5506	5189	5301	5332	3.01	cps
Lithium	6-1	2751505	2765187	2770640	2762444	0.36	cps
Magnesium	24-2	928	806	806	846	8.34	cps
Manganese	55-2	620	633	567	607	5.81	cps
Molybdenum	94-1	958	808	817	861	9.79	cps
Molybdenum	95-1	892	842	858	864	2.95	cps
Molybdenum	96-1	1150	892	817	953	18.35	cps
Molybdenum	97-1	567	425	425	472	17.32	cps
Molybdenum	98-1	1500	1275	1367	1381	8.20	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	287	283	300	290	3.04	cps
Phosphorus	31-2	242	292	258	264	9.65	cps
Potassium	39-2	61165	60504	58680	60116	2.14	cps
Rhodium	103-1	11001697	11138584	11015330	11051870	0.68	cps
Rhodium	103-2	6927854	6870341	7031738	6943311	1.18	cps
Scandium	45-1	7956925	7849087	7824381	7876798	0.89	cps
Scandium	45-2	661024	658718	660379	660040	0.18	cps
Selenium	82-1	-16	62	-81	-12	-606.23	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	313	311	393	339	13.73	cps
Silicon	28-1	625525	628016	625177	626239	0.25	cps
Silver	107-1	633	567	550	583	7.56	cps
Silver	109-1	600	442	425	489	19.76	cps
Sodium	23-2	26356	26979	26885	26740	1.26	cps
Strontium	86-1	8169	8961	8878	8669	5.02	cps
Strontium	88-1	700	767	767	744	5.17	cps
Sulfur	34-1	311723	310949	309768	310814	0.32	cps
Terbium	159-1	14421694	14465312	14324522	14403843	0.50	cps
Terbium	159-2	9449638	9489783	9409399	9449606	0.43	cps
Thallium	203-1	1217	1083	1192	1164	6.09	cps
Thallium	205-1	2384	2625	2100	2370	11.09	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146321BL	Instrumnet Name :	P7
Client Sample ID :	PB146321BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 18:03:07	DataFile Name :	053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	522	517	550	530	3.37	cps
Tin	118-1	1567	1675	1467	1570	6.64	cps
Titanium	47-1	367	333	342	347	5.00	cps
Uranium	238-1	300	308	333	314	5.53	cps
Vanadium	51-2	97	80	117	98	18.78	cps
Yttrium	89-1	17785563	17907746	17886701	17860003	0.37	cps
Yttrium	89-2	4370550	4380152	4463651	4404784	1.16	cps
Zinc	66-2	413	450	473	446	6.79	cps
Zirconium	90-1	1367	1250	1608	1408	12.98	cps
Zirconium	91-1	175	308	275	253	27.45	cps

LB Number : LB121156 Operator : Jaswal
 Lab Sample ID : PB146321BS Instrumnet Name : P7
 Client Sample ID : PB146321BS Dilution Factor : 1
 Date & Time Acquired : 2022-05-07 18:06:00 DataFile Name : 054DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2968064	3007075	2933620	2969586	1.24	cps
Antimony	121-1	5623616	5691591	5608134	5641113	0.79	cps
Arsenic	75-2	324114	327302	321221	324212	0.94	cps
Barium	135-1	6867926	6877670	6936753	6894116	0.54	cps
Barium	137-1	11805915	11981404	12009965	11932428	0.93	cps
Beryllium	9-1	997547	1017117	1016684	1010449	1.11	cps
Bismuth	209-1	8752258	8854986	8957027	8854757	1.16	cps
Bismuth	209-2	6623877	6691745	6603481	6639701	0.70	cps
Boron	10-1	251012	261106	266984	259701	3.11	cps
Boron	11-1	1206082	1256037	1260406	1240842	2.43	cps
Bromine	81-1	11330	11730	12406	11822	4.60	cps
Bromine	81-2	50	130	80	87	46.63	cps
Cadmium	111-1	1403447	1408943	1416021	1409470	0.45	cps
Cadmium	106-1	166784	169532	165969	167429	1.12	cps
Cadmium	108-1	116546	118244	118075	117622	0.80	cps
Calcium	43-1	1848751	1834916	1862653	1848773	0.75	cps
Calcium	44-1	29447875	29935282	29540359	29641172	0.87	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2845174	2938609	2868060	2883948	1.69	cps
Cobalt	59-2	4489147	4463986	4514490	4489208	0.56	cps
Copper	63-2	32373464	31611282	31679705	31888150	1.32	cps
Dysprosium	156-1	275	367	358	333	15.21	cps
Dysprosium	156-2	317	307	317	313	1.84	cps
Erbium	164-1	258	133	117	169	45.70	cps
Erbium	164-2	123	113	150	129	14.71	cps
Gadolinium	160-1	242	292	350	294	18.42	cps
Gadolinium	160-2	373	380	280	344	16.23	cps
Holmium	165-1	14009265	14169795	14068684	14082581	0.58	cps
Holmium	165-2	9185106	9252894	9182876	9206959	0.43	cps
Indium	115-1	11368121	11209200	11170288	11249203	0.93	cps
Indium	115-2	3735029	3780499	3783245	3766258	0.72	cps
Iron	56-2	131604028	130947300	132405856	131652395	0.55	cps
Iron	57-2	3287842	3291544	3229155	3269514	1.07	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146321BS	Instrumnet Name :	P7
Client Sample ID :	PB146321BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 18:06:00	DataFile Name :	054DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	7270093	7355447	7288139	7304560	0.62	cps
Krypton	83-1	5101	5118	5034	5084	0.87	cps
Lead	206-1	22905971	23197530	23093022	23065508	0.64	cps
Lead	207-1	20080323	20272522	20252805	20201883	0.52	cps
Lead	208-1	91716091	93325133	93130245	92723823	0.95	cps
Lithium	6-1	2824885	2804593	2788661	2806047	0.65	cps
Magnesium	24-2	28995054	28875953	28823756	28898254	0.30	cps
Manganese	55-2	21313161	21304106	21077909	21231725	0.63	cps
Molybdenum	94-1	21496803	21339316	21618133	21484750	0.65	cps
Molybdenum	95-1	30262689	30259105	30248080	30256625	0.03	cps
Molybdenum	96-1	32830267	33627977	33591579	33349941	1.35	cps
Molybdenum	97-1	18612822	18896957	18964472	18824750	0.99	cps
Molybdenum	98-1	48145813	48423191	48434471	48334491	0.34	cps
Neodymium	150-1	427	493	407	442	10.26	cps
Neodymium	150-2	87	83	113	94	17.41	cps
Nickel	60-2	1092550	1096898	1106173	1098540	0.63	cps
Phosphorus	31-2	150972	151292	150074	150779	0.42	cps
Potassium	39-2	14619145	15074573	14618587	14770768	1.78	cps
Rhodium	103-1	10841125	10725574	10751225	10772642	0.56	cps
Rhodium	103-2	6475701	6538723	6519897	6511441	0.50	cps
Scandium	45-1	7780503	7763658	7762663	7768941	0.13	cps
Scandium	45-2	640405	648172	636727	641768	0.91	cps
Selenium	82-1	109673	110124	109432	109743	0.32	cps
Selenium	77-2	10047	10023	9853	9975	1.06	cps
Selenium	78-2	33848	34542	33915	34101	1.12	cps
Silicon	28-1	34151433	34061033	34470465	34227644	0.63	cps
Silver	107-1	7478933	7544657	7552478	7525356	0.54	cps
Silver	109-1	7151690	7184796	7305462	7213983	1.12	cps
Sodium	23-2	48326836	48574291	47940887	48280671	0.66	cps
Strontium	86-1	2047637	2115750	2084122	2082503	1.64	cps
Strontium	88-1	17599942	18006371	17849439	17818584	1.15	cps
Sulfur	34-1	946002	955187	944663	948617	0.60	cps
Terbium	159-1	14635413	14541378	14508950	14561914	0.45	cps
Terbium	159-2	9354870	9285808	9436062	9358914	0.80	cps
Thallium	203-1	5529212	5676620	5695446	5633759	1.62	cps
Thallium	205-1	13027092	13240752	13341195	13203013	1.21	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	PB146321BS	Instrumnet Name :	P7
Client Sample ID :	PB146321BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 18:06:00	DataFile Name :	054DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	19231157	19899208	19825262	19651876	1.86	cps
Tin	118-1	4877692	4853126	4795544	4842121	0.87	cps
Titanium	47-1	8594919	8622560	8608105	8608528	0.16	cps
Uranium	238-1	17965668	18008005	18082820	18018831	0.33	cps
Vanadium	51-2	2443060	2501888	2465023	2469990	1.20	cps
Yttrium	89-1	17781243	17905725	18011199	17899389	0.64	cps
Yttrium	89-2	4287214	4284736	4335321	4302424	0.66	cps
Zinc	66-2	5291107	5253998	5266351	5270485	0.36	cps
Zirconium	90-1	10954815	10908234	11075452	10979500	0.79	cps
Zirconium	91-1	2463123	2421639	2480122	2454961	1.23	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P7
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 18:08:37	DataFile Name :	055CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15411285	15289397	15453941	15384874	0.56	cps
Antimony	121-1	5782995	5777577	5827468	5796013	0.47	cps
Arsenic	75-2	318569	319096	316619	318095	0.41	cps
Barium	135-1	6726715	6755059	6844300	6775358	0.91	cps
Barium	137-1	11705442	11681072	11969046	11785187	1.36	cps
Beryllium	9-1	987581	994407	1003606	995198	0.81	cps
Bismuth	209-1	8374874	8159802	8225006	8253227	1.34	cps
Bismuth	209-2	6259646	6218043	6281873	6253187	0.52	cps
Boron	10-1	244437	245319	252571	247443	1.80	cps
Boron	11-1	1156060	1166496	1156216	1159591	0.52	cps
Bromine	81-1	11622	12481	12405	12169	3.91	cps
Bromine	81-2	100	160	100	120	28.87	cps
Cadmium	111-1	1383285	1395928	1395520	1391577	0.52	cps
Cadmium	106-1	165546	164727	167898	166057	0.99	cps
Cadmium	108-1	115489	114578	117312	115793	1.20	cps
Calcium	43-1	8837125	8923903	8945308	8902112	0.64	cps
Calcium	44-1	140325795	142297791	142422220	141681935	0.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2909805	2858661	2886511	2884992	0.89	cps
Cobalt	59-2	4371635	4319897	4381805	4357779	0.76	cps
Copper	63-2	31757279	31688524	31699082	31714961	0.12	cps
Dysprosium	156-1	775	817	808	800	2.76	cps
Dysprosium	156-2	557	700	670	642	11.77	cps
Erbium	164-1	133	183	233	183	27.27	cps
Erbium	164-2	153	137	127	139	9.70	cps
Gadolinium	160-1	650	700	500	617	16.88	cps
Gadolinium	160-2	563	663	567	598	9.50	cps
Holmium	165-1	13989936	13785409	13838194	13871179	0.77	cps
Holmium	165-2	9306576	9203197	9298550	9269441	0.62	cps
Indium	115-1	10671460	10702382	10756466	10710103	0.40	cps
Indium	115-2	3743840	3750406	3763978	3752741	0.27	cps
Iron	56-2	623073658	618489569	626544947	622702725	0.65	cps
Iron	57-2	15667755	15781056	15722803	15723871	0.36	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P7
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 18:08:37	DataFile Name :	055CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	34406079	34081748	34625776	34371201	0.80	cps
Krypton	83-1	5131	5098	4954	5061	1.86	cps
Lead	206-1	21993396	22187431	22743775	22308200	1.75	cps
Lead	207-1	19189244	19299866	19740847	19409986	1.50	cps
Lead	208-1	88180823	88364534	90512591	89019316	1.46	cps
Lithium	6-1	2655883	2673164	2669886	2666311	0.34	cps
Magnesium	24-2	140962089	140159842	140889048	140670326	0.32	cps
Manganese	55-2	20808811	20487648	20847101	20714520	0.95	cps
Molybdenum	94-1	21205092	21249141	20964504	21139579	0.72	cps
Molybdenum	95-1	29759602	29875885	29789431	29808306	0.20	cps
Molybdenum	96-1	32816255	32725918	33206713	32916296	0.78	cps
Molybdenum	97-1	18557625	18601411	18626367	18595134	0.19	cps
Molybdenum	98-1	47295016	47712523	47622485	47543341	0.46	cps
Neodymium	150-1	387	513	400	433	16.06	cps
Neodymium	150-2	90	100	133	108	21.06	cps
Nickel	60-2	1132887	1124244	1126222	1127784	0.40	cps
Phosphorus	31-2	152556	153044	151739	152446	0.43	cps
Potassium	39-2	72859595	72326287	72464631	72550171	0.38	cps
Rhodium	103-1	10060268	9914592	9944260	9973040	0.77	cps
Rhodium	103-2	6261109	6153119	6194631	6202953	0.88	cps
Scandium	45-1	7547492	7424645	7611172	7527770	1.26	cps
Scandium	45-2	653046	644126	646124	647765	0.72	cps
Selenium	82-1	107784	108865	109958	108869	1.00	cps
Selenium	77-2	10704	9990	10290	10328	3.47	cps
Selenium	78-2	35045	34731	34380	34719	0.96	cps
Silicon	28-1	30606227	30755214	31331358	30897600	1.24	cps
Silver	107-1	7250985	7143652	7377624	7257420	1.61	cps
Silver	109-1	7028312	6996098	7070937	7031783	0.53	cps
Sodium	23-2	234598305	232293505	230378644	232423485	0.91	cps
Strontium	86-1	1999006	2004881	2017659	2007182	0.48	cps
Strontium	88-1	17394472	17572319	17557615	17508135	0.56	cps
Sulfur	34-1	906687	902859	912454	907333	0.53	cps
Terbium	159-1	14416755	13995024	13994010	14135263	1.72	cps
Terbium	159-2	9357443	9258864	9406188	9340831	0.80	cps
Thallium	203-1	5473083	5422675	5471914	5455891	0.53	cps
Thallium	205-1	12774757	12611020	12930343	12772040	1.25	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P7
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 18:08:37	DataFile Name :	055CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	19722689	19492328	19781231	19665416	0.78	cps
Tin	118-1	4646372	4687788	4757419	4697193	1.19	cps
Titanium	47-1	8418479	8436674	8582640	8479264	1.06	cps
Uranium	238-1	17902576	18003349	18191184	18032370	0.81	cps
Vanadium	51-2	2478708	2518503	2501668	2499626	0.80	cps
Yttrium	89-1	17589988	17168174	17408954	17389039	1.22	cps
Yttrium	89-2	4316362	4313770	4350613	4326915	0.48	cps
Zinc	66-2	5224081	5220726	5247220	5230675	0.28	cps
Zirconium	90-1	10912286	10686570	10797188	10798681	1.05	cps
Zirconium	91-1	2408107	2401982	2439034	2416374	0.82	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P7
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 18:13:59	DataFile Name :	056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	317	233	361	304	21.36	cps
Antimony	121-1	1959	1934	2034	1975	2.64	cps
Arsenic	75-2	33	22	31	29	20.52	cps
Barium	135-1	192	142	208	181	19.22	cps
Barium	137-1	392	308	417	372	15.24	cps
Beryllium	9-1	93	77	123	98	24.19	cps
Bismuth	209-1	9129059	8981398	9140256	9083571	0.98	cps
Bismuth	209-2	6999325	7063967	7077287	7046860	0.59	cps
Boron	10-1	3367	2917	3259	3181	7.38	cps
Boron	11-1	16734	15483	15433	15883	4.64	cps
Bromine	81-1	12139	12739	12539	12472	2.45	cps
Bromine	81-2	130	160	110	133	18.87	cps
Cadmium	111-1	332	361	395	363	8.76	cps
Cadmium	106-1	5543	5776	5401	5573	3.40	cps
Cadmium	108-1	63	46	50	53	16.44	cps
Calcium	43-1	408	425	350	394	9.98	cps
Calcium	44-1	22542	22559	21449	22184	2.87	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3154	3027	3270	3150	3.86	cps
Cobalt	59-2	217	250	237	234	7.16	cps
Copper	63-2	1623	1813	1703	1713	5.57	cps
Dysprosium	156-1	17	25	33	25	33.32	cps
Dysprosium	156-2	13	7	10	10	33.30	cps
Erbium	164-1	142	67	92	100	38.19	cps
Erbium	164-2	73	67	53	64	15.80	cps
Gadolinium	160-1	75	50	67	64	19.92	cps
Gadolinium	160-2	180	197	217	198	9.28	cps
Holmium	165-1	14177001	14032979	13876587	14028856	1.07	cps
Holmium	165-2	9456754	9534035	9460128	9483639	0.46	cps
Indium	115-1	11789440	11802212	11870414	11820689	0.37	cps
Indium	115-2	4096476	4053687	4083763	4077975	0.54	cps
Iron	56-2	24698	24659	24453	24604	0.53	cps
Iron	57-2	811	767	711	763	6.57	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P7
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 18:13:59	DataFile Name :	056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2243	2413	2663	2439	8.67	cps
Krypton	83-1	5198	5234	5561	5331	3.75	cps
Lead	206-1	2034	2245	2039	2106	5.71	cps
Lead	207-1	1550	1617	1506	1558	3.59	cps
Lead	208-1	7757	7868	7540	7721	2.16	cps
Lithium	6-1	2840142	2758287	2860724	2819718	1.92	cps
Magnesium	24-2	2517	2239	2339	2365	5.95	cps
Manganese	55-2	777	730	820	776	5.80	cps
Molybdenum	94-1	1333	1200	1250	1261	5.34	cps
Molybdenum	95-1	1392	1150	1092	1211	13.13	cps
Molybdenum	96-1	1784	1392	1375	1517	15.24	cps
Molybdenum	97-1	942	700	583	742	24.64	cps
Molybdenum	98-1	2209	1950	1483	1881	19.54	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	317	290	273	293	7.45	cps
Phosphorus	31-2	200	308	325	278	24.43	cps
Potassium	39-2	65709	66370	66320	66133	0.56	cps
Rhodium	103-1	11329139	11234257	11260539	11274645	0.43	cps
Rhodium	103-2	7089145	7138288	7119357	7115597	0.35	cps
Scandium	45-1	7995632	7864587	7977329	7945849	0.89	cps
Scandium	45-2	664900	673756	663675	667444	0.82	cps
Selenium	82-1	70	275	-161	61	356.17	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	319	341	339	333	3.71	cps
Silicon	28-1	637220	638878	637557	637885	0.14	cps
Silver	107-1	708	708	608	675	8.55	cps
Silver	109-1	758	675	692	708	6.23	cps
Sodium	23-2	45896	46125	45634	45885	0.53	cps
Strontium	86-1	8786	8711	8694	8731	0.56	cps
Strontium	88-1	975	925	892	931	4.51	cps
Sulfur	34-1	310490	313177	314665	312777	0.68	cps
Terbium	159-1	14536046	14542411	14452676	14510377	0.35	cps
Terbium	159-2	9560554	9561286	9672577	9598139	0.67	cps
Thallium	203-1	1433	1275	1400	1370	6.10	cps
Thallium	205-1	3259	2850	3084	3064	6.69	cps

LB Number :	LB121156	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P7
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired :	2022-05-07 18:13:59	DataFile Name :	056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	722	694	572	663	12.04	cps
Tin	118-1	1433	1425	1383	1414	1.89	cps
Titanium	47-1	425	292	342	353	19.09	cps
Uranium	238-1	375	517	450	447	15.85	cps
Vanadium	51-2	157	117	97	123	24.77	cps
Yttrium	89-1	18157167	18456635	18355367	18323056	0.83	cps
Yttrium	89-2	4505367	4470269	4515230	4496956	0.53	cps
Zinc	66-2	590	623	647	620	4.59	cps
Zirconium	90-1	1367	1458	1317	1381	5.20	cps
Zirconium	91-1	300	350	358	336	9.39	cps