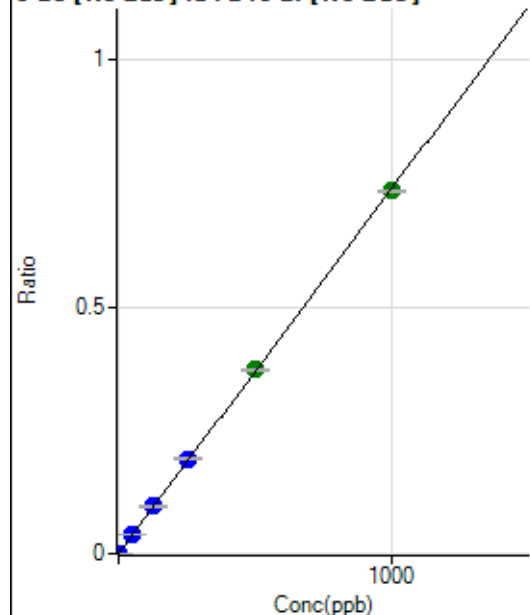


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7050622 MS.b\
Analysis File: P7050622 MS.batch.bin
DA Date-Time: 2022-07-20 11:46:50
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2022-05-06 11:45:28
2	004CAL.S.d	S02	2022-05-06 11:48:22
3	005CAL.S.d	S03	2022-05-06 11:51:14
4	006CAL.S.d	S04	2022-05-06 11:54:01
5	007CAL.S.d	S05	2022-05-06 11:56:46
6	008CAL.S.d	S06	2022-05-06 11:59:33
7	009CAL.S.d	S07	2022-05-06 12:02:18
8	010CAL.S.d	S08	2022-05-06 12:05:05

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	36.67	0.0000	P	10.3
2	☐	1.000	1.064	2664.70	0.0008	P	4.8
3	☐	50.000	51.344	130660.02	0.0379	P	1.3
4	☐	125.000	129.556	322318.49	0.0957	P	2.4
5	☐	250.000	260.068	628279.30	0.1920	P	1.7
6	☐	500.000	504.208	1218064.61	0.3722	A	1.0
7	☐	1000.000	994.742	2363501.63	0.7344	A	0.4
8	☐			515.57	0.0002	P	5.3

$$y = 7.3826\text{E-}004 * x + 1.0995\text{E-}005$$

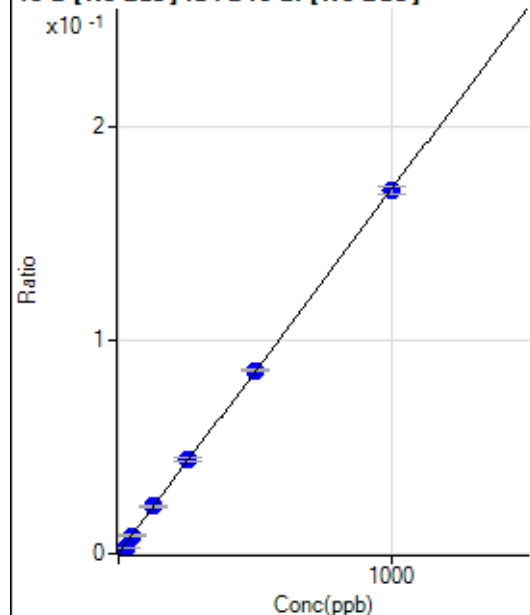
$$R = 0.9999$$

$$DL = 0.004611$$

$$BEC = 0.01489$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	430.57	0.0001	P	10.9
2	☐	25.000	14.683	8808.27	0.0026	P	6.7
3	☐	50.000	49.213	29350.43	0.0085	P	4.8
4	☐	125.000	129.156	74610.49	0.0221	P	4.6
5	☐	250.000	259.094	144962.68	0.0443	P	3.2
6	☐	500.000	503.294	281162.32	0.0859	P	1.6
7	☐	1000.000	995.857	546845.36	0.1699	P	2.2
8	☐			15916.89	0.0054	P	8.0

$$y = 1.7047\text{E-}004 * x + 1.2889\text{E-}004$$

$$R = 0.9999$$

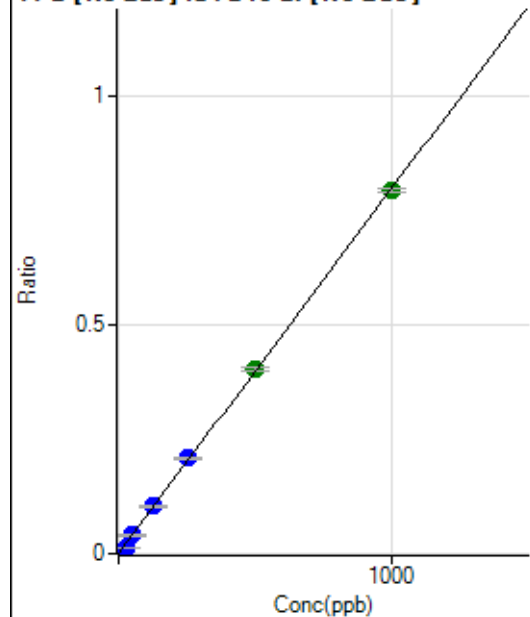
$$DL = 0.2478$$

$$BEC = 0.7561$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1975.17	0.0006	P	2.3
2	☐	25.000	14.651	41063.34	0.0123	P	5.0
3	☐	50.000	50.394	140431.82	0.0408	P	4.9
4	☐	125.000	128.923	348226.53	0.1034	P	4.3
5	☐	250.000	260.523	681585.35	0.2083	P	3.5
6	☐	500.000	506.254	1322439.87	0.4041	A	2.0
7	☐	1000.000	993.991	2552185.58	0.7929	A	1.2
8	☐			75110.91	0.0254	P	7.7

$$y = 7.9712\text{E-}004 * x + 5.9193\text{E-}004$$

$$R = 0.9998$$

$$DL = 0.05211$$

$$BEC = 0.7426$$

Weight: <None>

Min Conc: 0

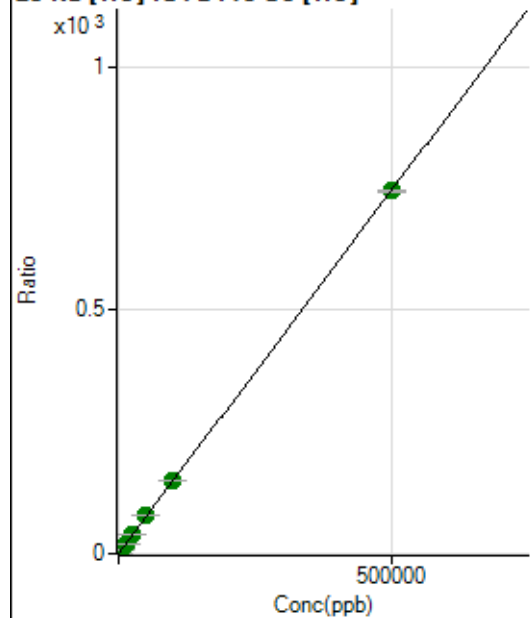
12 C [No Gas] No available calibration points



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

12 C [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	20196.83	0.0337	P	0.4
2	☐	500.000	490.462	463466.05	0.7653	P	0.7
3	☐	5000.000	5229.410	4744801.96	7.8351	A	0.1
4	☐	12500.000	12990.687	11656443.20	19.4137	A	0.7
5	☐	25000.000	25811.445	22890700.28	38.5403	A	0.8
6	☐	50000.000	52133.304	43782195.42	77.8084	A	1.1
7	☐	100000.00	101505.98	86681291.75	151.4648	A	0.6
8	☐	500000.00	499430.34	442604613.60	745.1060	A	0.9

$$y = 0.0015 * x + 0.0337$$

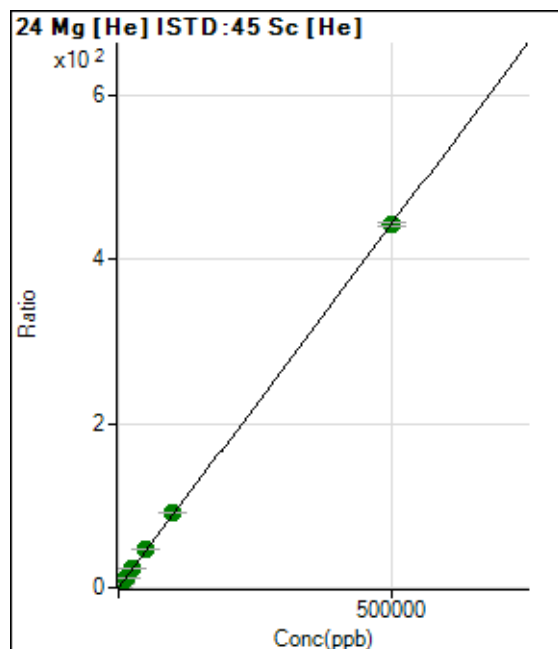
$$R = 1.0000$$

$$DL = 0.2902$$

$$BEC = 22.56$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	422.24	0.0007	P	9.8
2	☐	500.000	508.573	273471.63	0.4516	P	1.1
3	☐	5000.000	5355.174	2875474.37	4.7487	A	1.9
4	☐	12500.000	13327.987	7095734.88	11.8175	A	1.2
5	☐	25000.000	26403.123	13904627.40	23.4102	A	0.3
6	☐	50000.000	52620.645	26252777.44	46.6551	A	0.8
7	☐	100000.00	103017.64	52271727.55	91.3380	A	0.3
8	☐	500000.00	499039.99	262839905.88	442.4586	A	1.0

$$y = 8.8662\text{E-}004 * x + 7.0354\text{E-}004$$

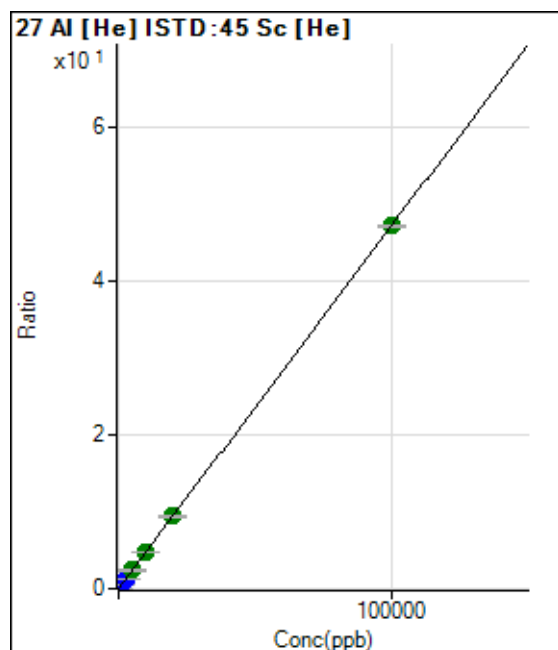
$$R = 1.0000$$

$$DL = 0.2323$$

$$BEC = 0.7935$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	166.67	0.0003	P	24.7
2	☐	20.000	19.658	5784.55	0.0095	P	3.2
3	☐	1000.000	1030.596	294528.45	0.4864	P	1.0
4	☐	2500.000	2553.584	723342.61	1.2047	P	0.9
5	☐	5000.000	5073.643	1421418.90	2.3934	A	1.7
6	☐	10000.000	10233.244	2716185.85	4.8270	A	0.7
7	☐	20000.000	19920.089	5377230.21	9.3960	A	0.5
8	☐	100000.00	99987.330	28016830.26	47.1615	A	0.6

$$y = 4.7167\text{E-}004 * x + 2.7750\text{E-}004$$

$$R = 1.0000$$

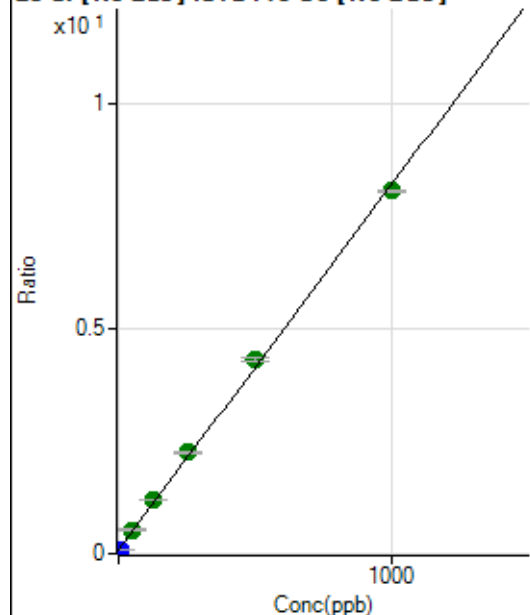
$$DL = 0.4363$$

$$BEC = 0.5883$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	627990.34	0.0842	P	2.1
2	☐	10.000	1.200	709390.83	0.0940	P	0.4
3	☐	50.000	55.144	4100065.76	0.5324	A	2.7
4	☐	125.000	138.874	9002562.88	1.2129	A	0.6
5	☐	250.000	266.398	16549757.14	2.2494	A	1.0
6	☐	500.000	521.700	30707516.66	4.3243	A	1.1
7	☐	1000.000	983.147	56871299.88	8.0746	A	0.2
8	☐			968907.28	0.1354	P	1.6

$$y = 0.0081 * x + 0.0842$$

$$R = 0.9993$$

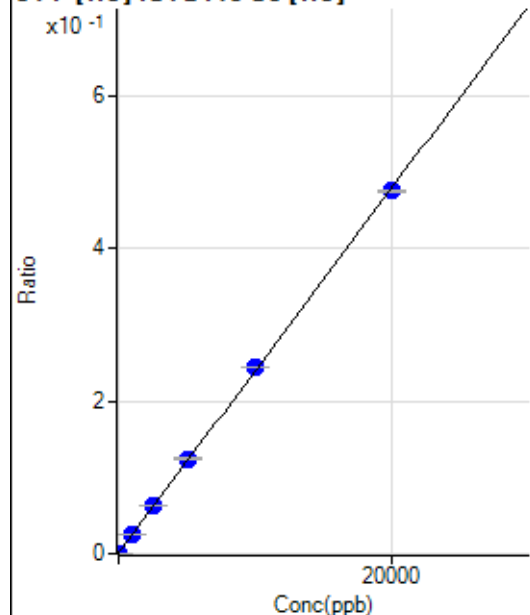
$$DL = 0.6414$$

$$BEC = 10.36$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-8.293	375.02	0.0006	P	10.2
2	☐	0.000	8.293	619.47	0.0010	P	17.2
3	☐	1000.000	1030.442	15419.19	0.0255	P	2.8
4	☐	2500.000	2604.176	37889.16	0.0631	P	1.3
5	☐	5000.000	5147.498	73599.65	0.1239	P	2.4
6	☐	10000.000	10176.368	137401.87	0.2442	P	0.3
7	☐	20000.000	19860.397	272277.84	0.4758	P	0.7
8	☐			488.91	0.0008	P	11.4

$$y = 2.3914E-005 * x + 8.2325E-004$$

$$R = 0.9999$$

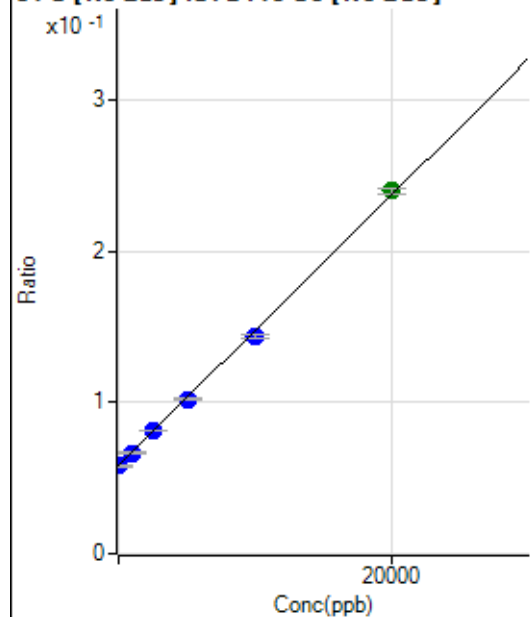
$$DL = 15$$

$$BEC = 34.43$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-9.361	431249.81	0.0578	P	2.3
2	☐	0.000	9.361	437877.70	0.0580	P	1.7
3	☐	1000.000	953.719	512044.86	0.0665	P	2.5
4	☐	2500.000	2609.565	603815.56	0.0814	P	0.3
5	☐	5000.000	4883.937	748736.72	0.1018	P	1.3
6	☐	10000.000	9528.507	1018716.04	0.1435	P	1.4
7	☐	20000.000	20253.381	1688298.78	0.2397	A	1.6
8	☐			342227.65	0.0478	P	0.5

$$y = 8.9762\text{E-}006 * x + 0.0579$$

R = 0.9995

DL = 387.8

BEC = 6454

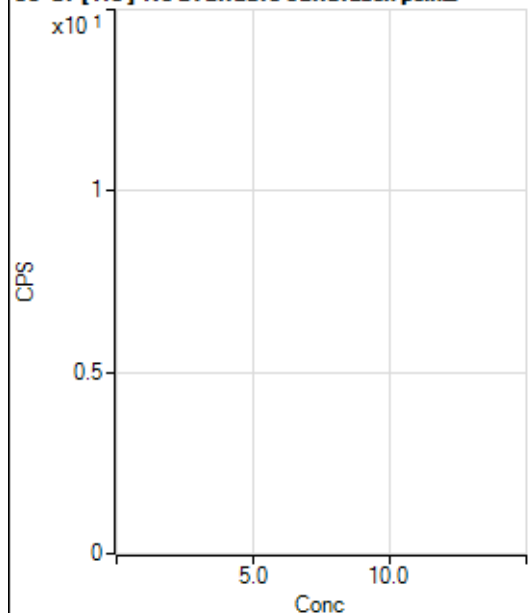
Weight: <None>

Min Conc: 0

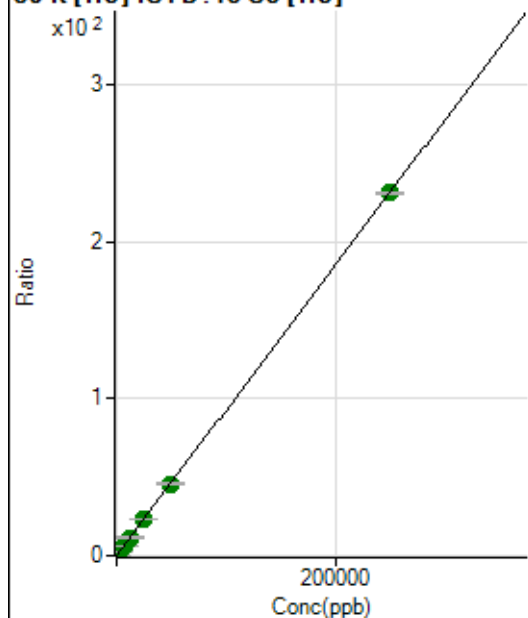
35 Cl [No Gas] No available calibration points



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

35 Cl [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	59528.04	0.0992	P	0.7
2	☐	500.000	506.376	343086.50	0.5666	P	0.4
3	☐	2500.000	2557.791	1489613.84	2.4599	A	0.6
4	☐	6250.000	6299.776	3550648.34	5.9135	A	0.9
5	☐	12500.000	12476.897	6898386.79	11.6147	A	1.4
6	☐	25000.000	24916.211	12996095.17	23.0954	A	0.1
7	☐	50000.000	49475.885	26189353.54	45.7626	A	0.7
8	☐	250000.00	250112.52	137182478.07	230.9387	A	0.8

$$y = 9.2294\text{E-}004 * x + 0.0992$$

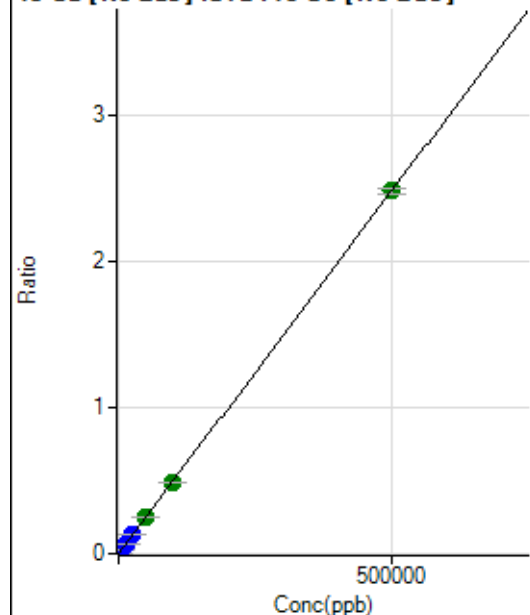
$$R = 1.0000$$

$$DL = 2.257$$

$$BEC = 107.5$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	163.89	0.0000	P	13.4
2	☐	500.000	501.830	18995.65	0.0025	P	3.8
3	☐	5000.000	5288.516	202659.42	0.0263	P	2.3
4	☐	12500.000	13091.092	483206.05	0.0651	P	0.2
5	☐	25000.000	26060.052	953327.48	0.1296	P	1.4
6	☐	50000.000	49515.822	1748249.43	0.2462	A	0.8
7	☐	100000.00	98072.650	3434149.17	0.4876	A	0.9
8	☐	500000.00	500363.22	17805687.03	2.4875	A	1.9

$$y = 4.9713E-006 * x + 2.1988E-005$$

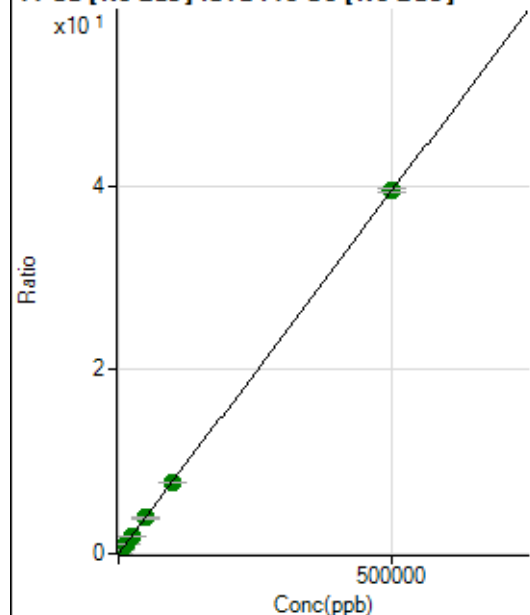
$$R = 1.0000$$

$$DL = 1.777$$

$$BEC = 4.423$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	16195.37	0.0022	P	2.9
2	☐	500.000	497.538	312276.73	0.0414	P	0.6
3	☐	5000.000	5001.043	3050742.62	0.3962	A	3.0
4	☐	12500.000	12248.812	7178625.16	0.9672	A	0.6
5	☐	25000.000	24447.325	14187774.80	1.9282	A	0.5
6	☐	50000.000	49089.999	27480071.45	3.8696	A	0.6
7	☐	100000.00	98287.119	54553038.72	7.7456	A	0.2
8	☐	500000.00	500467.48	282249667.42	39.4307	A	0.9

$$y = 7.8783E-005 * x + 0.0022$$

$$R = 1.0000$$

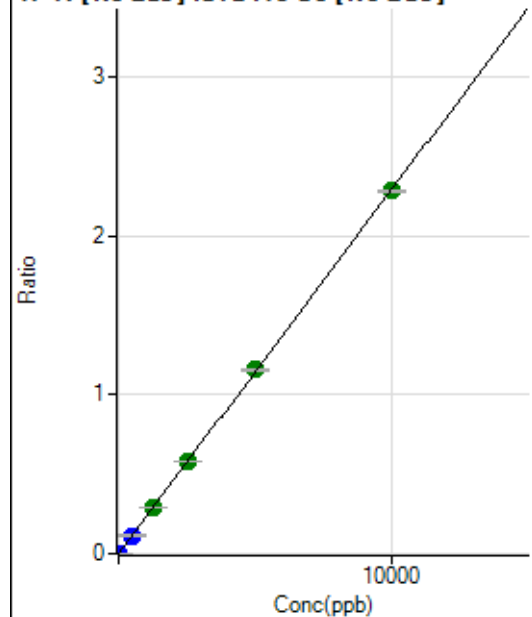
$$DL = 2.379$$

$$BEC = 27.57$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	180.56	0.0000	P	11.2
2	☐	5.000	4.825	8527.63	0.0011	P	3.0
3	☐	500.000	495.836	874962.66	0.1136	P	3.5
4	☐	1250.000	1248.627	2123641.54	0.2861	A	0.9
5	☐	2500.000	2515.219	4240780.91	0.5763	A	0.3
6	☐	5000.000	5054.002	8223536.64	1.1580	A	0.6
7	☐	10000.000	9969.574	16089658.87	2.2843	A	0.6
8	☐			3450.50	0.0005	P	4.0

$$y = 2.2913\text{E-}004 * x + 2.4205\text{E-}005$$

$$R = 1.0000$$

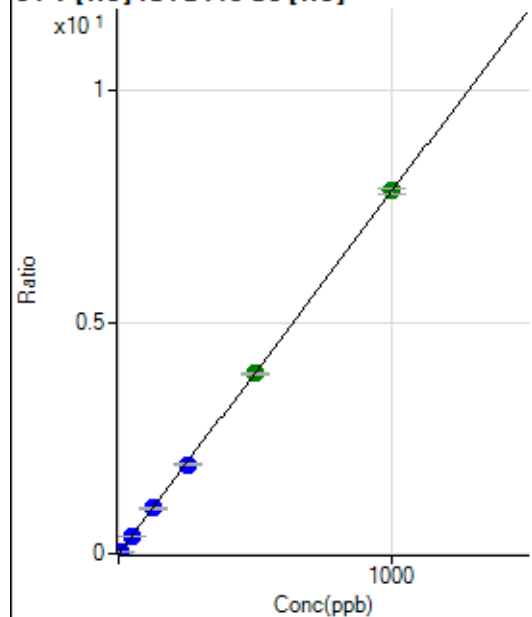
$$DL = 0.03548$$

$$BEC = 0.1056$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	62.22	0.0001	P	19.3
2	☐	5.000	4.879	23172.32	0.0383	P	2.5
3	☐	50.000	50.035	237102.34	0.3915	P	1.1
4	☐	125.000	124.858	586567.30	0.9769	P	0.6
5	☐	250.000	246.688	1146315.35	1.9301	P	0.8
6	☐	500.000	497.808	2191675.43	3.8947	A	0.7
7	☐	1000.000	1001.941	4486007.61	7.8387	A	1.5
8	☐			1247.84	0.0021	P	4.5

$$y = 0.0078 * x + 1.0375\text{E-}004$$

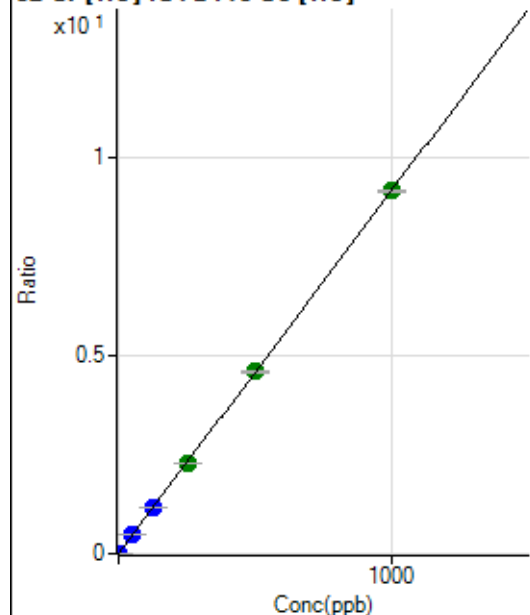
$$R = 1.0000$$

$$DL = 0.007675$$

$$BEC = 0.01326$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2243.52	0.0037	P	4.5
2	☐	2.000	1.888	12739.90	0.0210	P	1.4
3	☐	50.000	50.972	285142.67	0.4709	P	0.4
4	☐	125.000	125.987	695471.58	1.1583	P	0.9
5	☐	250.000	248.699	1355931.01	2.2829	A	0.2
6	☐	500.000	501.149	2586384.15	4.5964	A	0.7
7	☐	1000.000	999.579	5244548.22	9.1641	A	0.6
8	☐			51296.92	0.0864	P	0.8

$$y = 0.0092 * x + 0.0037$$

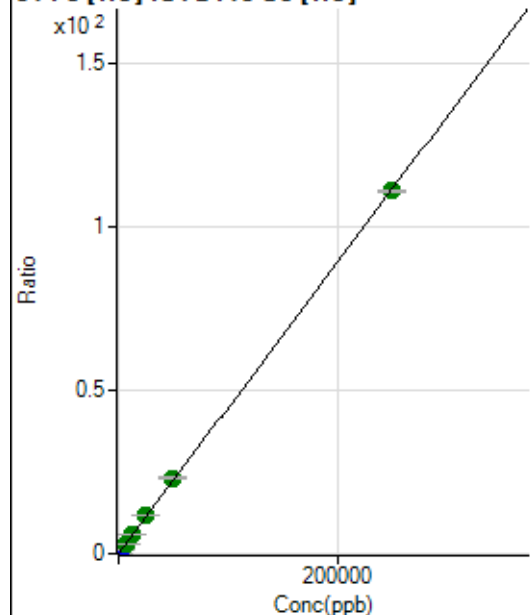
$$R = 1.0000$$

$$DL = 0.05507$$

$$BEC = 0.408$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1698.51	0.0028	P	6.4
2	☐	50.000	52.628	15874.60	0.0262	P	4.0
3	☐	2500.000	2711.242	731417.51	1.2078	P	0.7
4	☐	6250.000	6581.793	1757988.59	2.9280	A	1.1
5	☐	12500.000	13190.216	3483330.19	5.8649	A	1.1
6	☐	25000.000	26122.054	6534534.10	11.6122	A	0.5
7	☐	50000.000	52148.446	13265263.34	23.1791	A	0.4
8	☐	250000.00	249413.18	65846217.23	110.8490	A	0.8

$$y = 4.4443E-004 * x + 0.0028$$

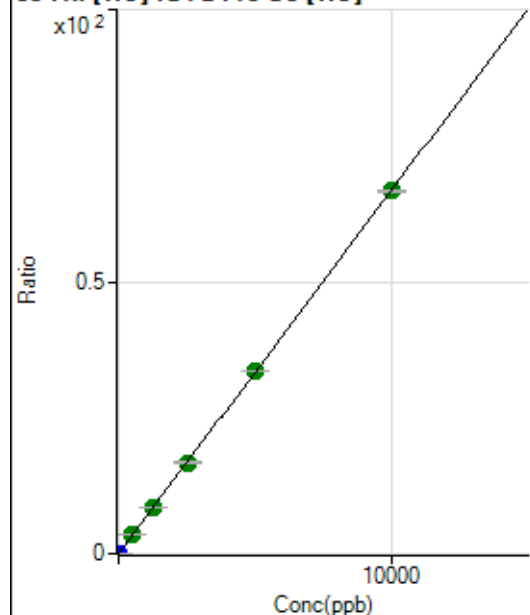
$$R = 1.0000$$

$$DL = 1.225$$

$$BEC = 6.37$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	397.79	0.0007	P	5.3
2	☐	1.000	1.017	4515.16	0.0075	P	2.9
3	☐	500.000	508.968	2060005.07	3.4019	A	1.2
4	☐	1250.000	1276.362	5121597.14	8.5301	A	1.1
5	☐	2500.000	2512.722	9973806.86	16.7922	A	0.8
6	☐	5000.000	5019.015	18874268.19	33.5407	A	0.5
7	☐	10000.000	9983.568	38181531.10	66.7168	A	0.8
8	☐			30066.76	0.0506	P	2.4

$$y = 0.0067 * x + 6.6285E-004$$

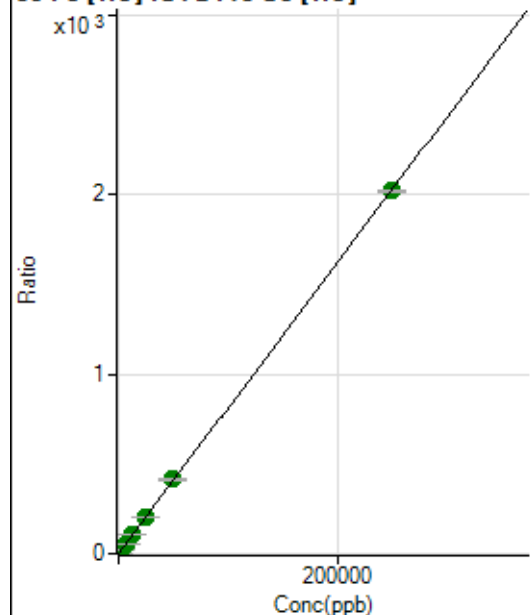
$$R = 1.0000$$

$$DL = 0.01588$$

$$BEC = 0.09919$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	15396.99	0.0257	P	3.4
2	☐	50.000	51.259	266597.32	0.4402	P	0.4
3	☐	2500.000	2611.046	12803750.98	21.1436	A	0.9
4	☐	6250.000	6555.740	31851300.25	53.0479	A	0.6
5	☐	12500.000	12974.237	62340621.30	104.9601	A	1.4
6	☐	25000.000	25745.729	117187406.32	208.2548	A	0.2
7	☐	50000.000	51123.049	236644884.92	413.5043	A	1.1
8	☐	250000.00	249668.35	1199542767.5	2,019.320	A	0.5

$$y = 0.0081 * x + 0.0257$$

$$R = 1.0000$$

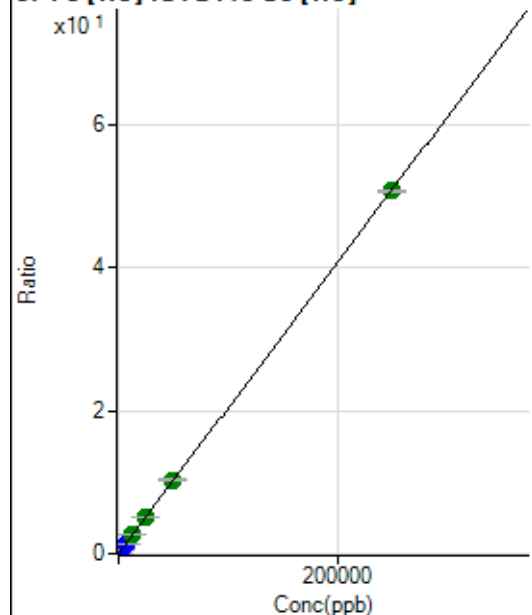
$$DL = 0.3199$$

$$BEC = 3.173$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	514.83	0.0009	P	2.0
2	☐	50.000	51.819	6892.42	0.0114	P	0.9
3	☐	2500.000	2630.106	323978.48	0.5350	P	1.0
4	☐	6250.000	6503.785	793578.25	1.3217	P	1.1
5	☐	12500.000	12877.393	1553853.12	2.6162	A	2.7
6	☐	25000.000	25503.730	2915179.35	5.1805	A	0.3
7	☐	50000.000	50738.212	5897533.99	10.3054	A	1.9
8	☐	250000.00	249775.46	30135936.79	50.7284	A	0.6

$$y = 2.0309\text{E-}004 * x + 8.5789\text{E-}004$$

$$R = 1.0000$$

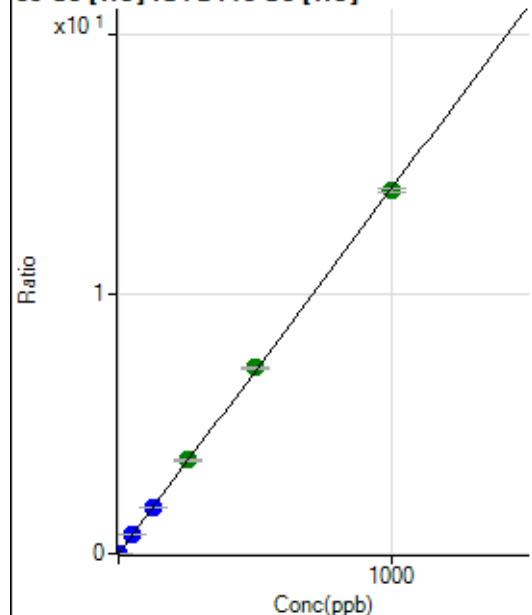
$$DL = 0.2551$$

$$BEC = 4.224$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	171.12	0.0003	P	4.3
2	☐	1.000	0.985	8570.29	0.0142	P	2.5
3	☐	50.000	51.422	438320.19	0.7238	P	0.7
4	☐	125.000	126.747	1071006.39	1.7837	P	0.2
5	☐	250.000	255.697	2137096.81	3.5981	A	1.3
6	☐	500.000	509.207	4031829.70	7.1652	A	0.7
7	☐	1000.000	993.683	8001691.62	13.9821	A	1.2
8	☐			24204.07	0.0407	P	1.6

$$y = 0.0141 * x + 2.8517\text{E-}004$$

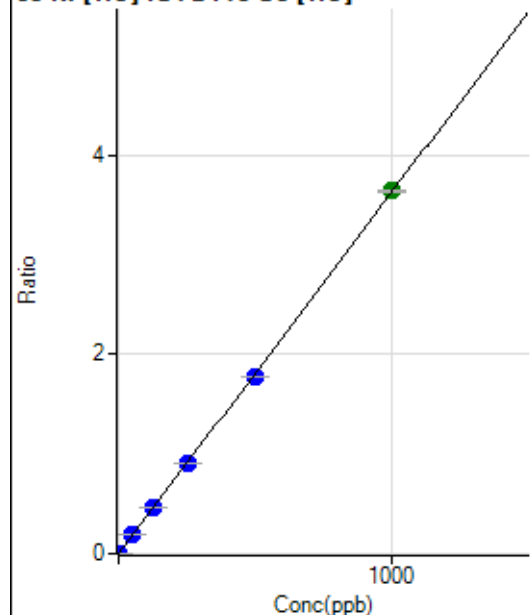
$$R = 0.9999$$

$$DL = 0.00262$$

$$BEC = 0.02027$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	225.56	0.0004	P	12.4
2	☐	1.000	1.050	2530.24	0.0042	P	3.1
3	☐	50.000	52.278	114914.05	0.1898	P	0.4
4	☐	125.000	127.896	278414.24	0.4637	P	0.8
5	☐	250.000	248.849	535672.60	0.9019	P	0.8
6	☐	500.000	489.617	998314.06	1.7741	P	0.1
7	☐	1000.000	1005.003	2083800.58	3.6412	A	0.6
8	☐			18845.23	0.0317	P	1.9

$$y = 0.0036 * x + 3.7571E-004$$

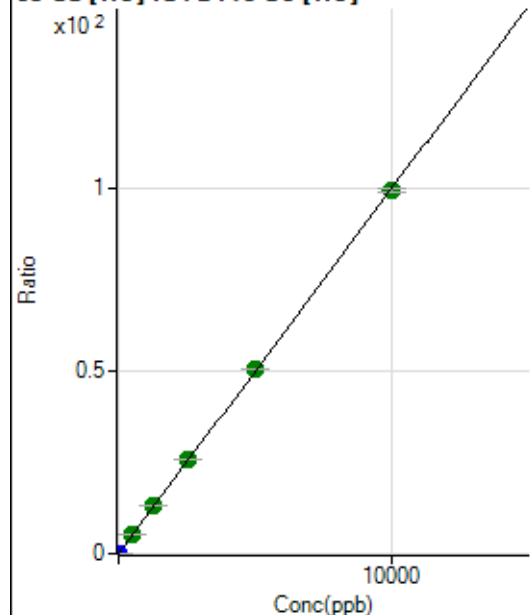
$$R = 0.9999$$

$$DL = 0.03865$$

$$BEC = 0.1037$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	878.92	0.0015	P	12.2
2	☐	2.000	2.031	13171.41	0.0218	P	1.6
3	☐	500.000	533.519	3228417.42	5.3311	A	0.1
4	☐	1250.000	1313.574	7879678.63	13.1236	A	0.9
5	☐	2500.000	2577.999	15297406.44	25.7547	A	1.7
6	☐	5000.000	5057.319	28429096.24	50.5221	A	0.5
7	☐	10000.000	9942.218	56839468.04	99.3204	A	1.0
8	☐			25163.45	0.0424	P	2.1

$$y = 0.0100 * x + 0.0015$$

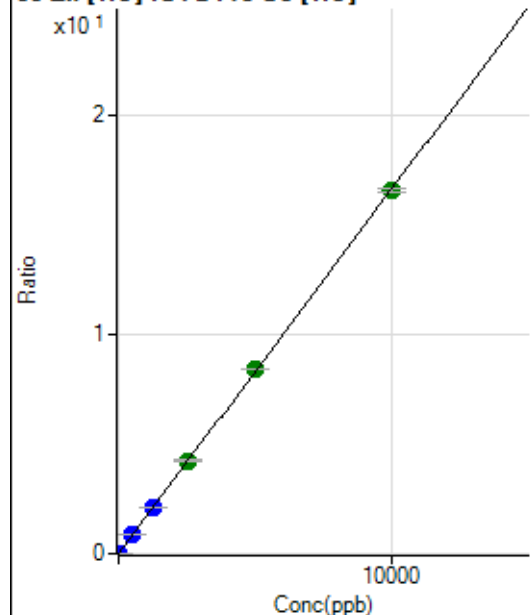
$$R = 0.9999$$

$$DL = 0.05389$$

$$BEC = 0.1466$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	492.24	0.0008	P	11.0
2	☐	2.000	2.168	2682.49	0.0044	P	1.3
3	☐	500.000	518.199	522876.40	0.8635	P	1.3
4	☐	1250.000	1270.066	1269975.46	2.1151	P	0.6
5	☐	2500.000	2546.847	2518780.26	4.2406	A	1.4
6	☐	5000.000	5057.045	4737803.78	8.4194	A	0.6
7	☐	10000.000	9956.347	9485838.19	16.5754	A	0.9
8	☐			28582.97	0.0481	P	0.3

$$y = 0.0017 * x + 8.2002E-004$$

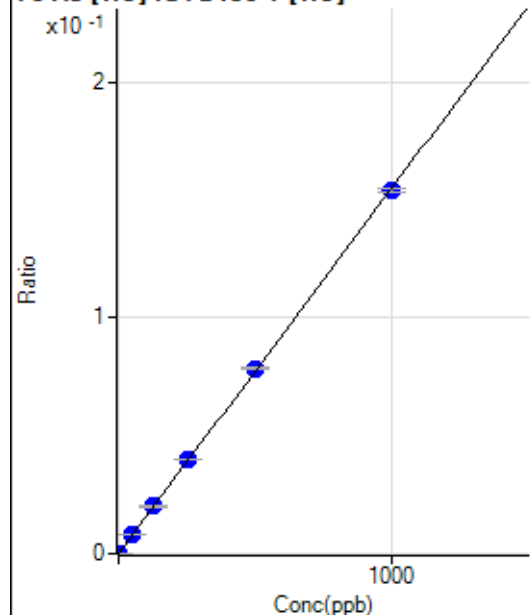
$$R = 1.0000$$

$$DL = 0.1629$$

$$BEC = 0.4926$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	31.48	0.0000	P	21.5
2	☐	1.000	1.058	674.71	0.0002	P	3.5
3	☐	50.000	52.515	31723.29	0.0081	P	0.9
4	☐	125.000	129.644	78575.82	0.0201	P	1.8
5	☐	250.000	257.476	154215.94	0.0399	P	1.4
6	☐	500.000	507.524	290744.93	0.0786	P	1.1
7	☐	1000.000	993.663	585865.68	0.1538	P	1.0
8	☐			355.56	0.0001	P	18.1

$$y = 1.5476E-004 * x + 8.0697E-006$$

$$R = 0.9999$$

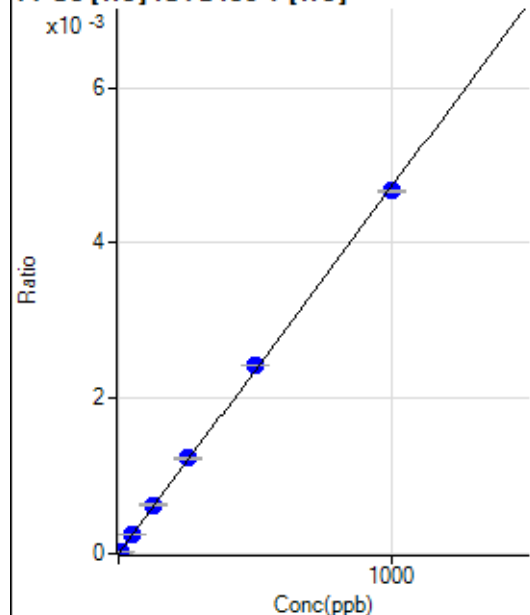
$$DL = 0.0336$$

$$BEC = 0.05214$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	3.33	0.0000	P	99.3
2	☐	5.000	4.919	94.44	0.0000	P	15.3
3	☐	50.000	52.439	968.93	0.0002	P	5.4
4	☐	125.000	132.263	2449.12	0.0006	P	3.8
5	☐	250.000	260.845	4769.71	0.0012	P	2.7
6	☐	500.000	514.572	8998.36	0.0024	P	0.6
7	☐	1000.000	988.973	17798.59	0.0047	P	0.4
8	☐			5.55	0.0000	P	69.2

$$y = 4.7227\text{E-}006 * x + 8.4525\text{E-}007$$

R = 0.9998

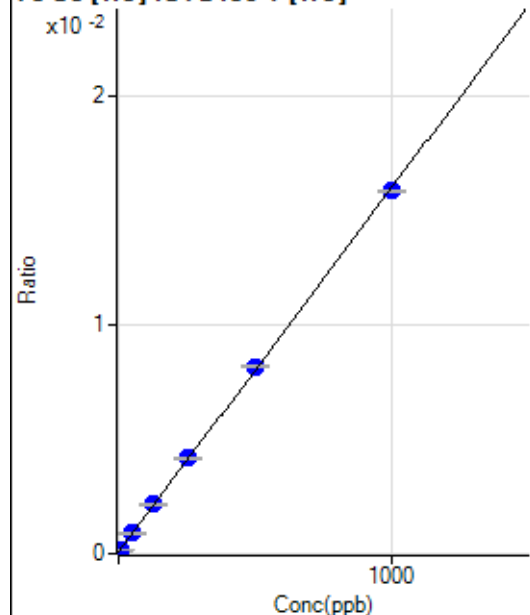
DL = 0.533

BEC = 0.179

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	269.14	0.0001	P	8.3
2	☐	5.000	4.712	565.45	0.0001	P	4.7
3	☐	50.000	51.805	3483.76	0.0009	P	3.7
4	☐	125.000	130.987	8428.97	0.0022	P	2.1
5	☐	250.000	258.037	16153.88	0.0042	P	1.4
6	☐	500.000	510.250	30305.57	0.0082	P	0.6
7	☐	1000.000	992.029	60398.73	0.0159	P	0.5
8	☐			318.52	0.0001	P	10.7

$$y = 1.5910\text{E-}005 * x + 6.9036\text{E-}005$$

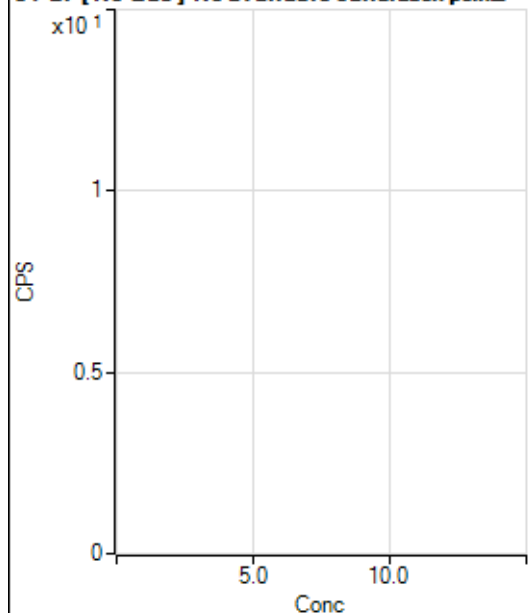
R = 0.9999

DL = 1.087

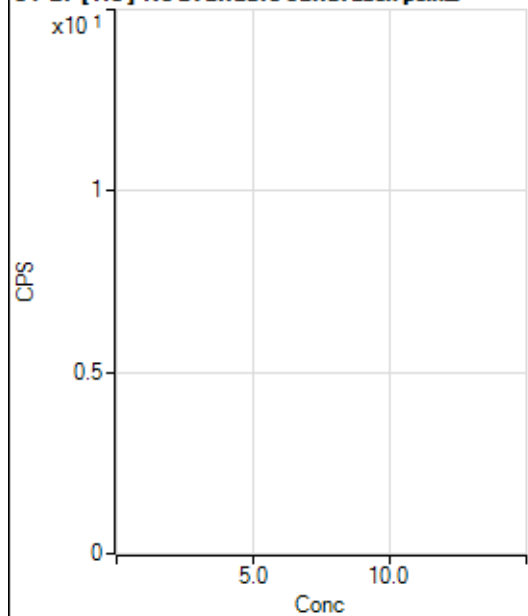
BEC = 4.339

Weight: <None>

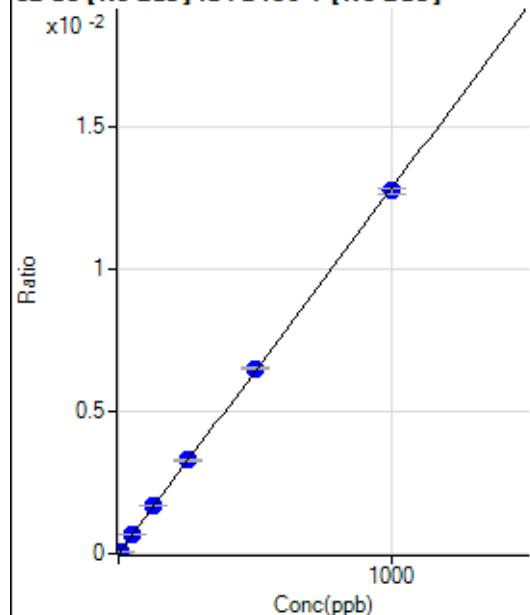
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			11157.24		P	3.1
2	☐			11193.41		P	2.6
3	☐			11707.76		P	4.8
4	☐			11162.82		P	2.3
5	☐			11012.69		P	4.0
6	☐			10392.79		P	5.4
7	☐			10301.06		P	1.7
8	☐			11435.30		P	3.1

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			66.73		P	70.9
2	☐			76.74		P	61.6
3	☐			90.09		P	19.2
4	☐			46.71		P	12.4
5	☐			93.43		P	22.3
6	☐			90.09		P	29.4
7	☐			116.79		P	55.1
8	☐			126.80		P	24.1

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	-60.95	0.0000	P	-177.
2	☐	5.000	5.717	1116.21	0.0001	P	9.6
3	☐	50.000	51.483	10758.62	0.0007	P	1.8
4	☐	125.000	130.764	26781.26	0.0017	P	1.2
5	☐	250.000	257.084	52405.14	0.0033	P	1.5
6	☐	500.000	507.917	100584.06	0.0065	P	1.2
7	☐	1000.000	993.472	195890.69	0.0128	P	1.4
8	☐			105.77	0.0000	P	222.7

$$y = 1.2838\text{E-}005 * x - 3.8065\text{E-}006$$

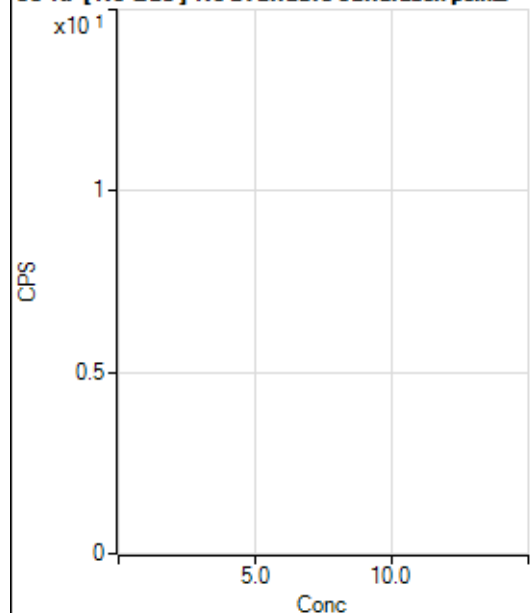
$$R = 0.9999$$

$$DL = 1.575$$

$$BEC = -0.2965$$

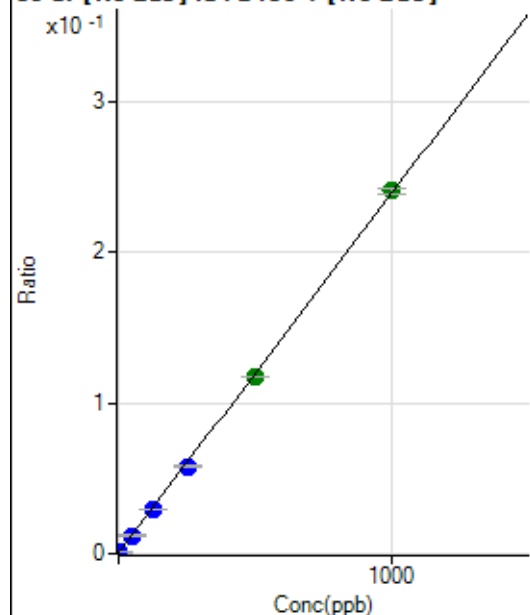
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			4522.96		P	3.0
2	☐			4806.39		P	3.9
3	☐			4957.55		P	2.0
4	☐			4789.72		P	1.7
5	☐			4656.34		P	3.2
6	☐			4773.04		P	5.0
7	☐			4081.72		P	2.7
8	☐			4900.86		P	1.7

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	7638.30	0.0005	P	6.9
2	☐	1.000	0.894	11126.73	0.0007	P	2.5
3	☐	50.000	48.187	196051.67	0.0120	P	3.0
4	☐	125.000	121.850	472518.82	0.0296	P	1.7
5	☐	250.000	241.029	921839.05	0.0580	P	1.2
6	☐	500.000	491.082	1815953.51	0.1176	A	0.3
7	☐	1000.000	1007.186	3699289.97	0.2408	A	1.4
8	☐			32667.38	0.0021	P	2.1

$$y = 2.3859\text{E-}004 * x + 4.8039\text{E-}004$$

$$R = 0.9999$$

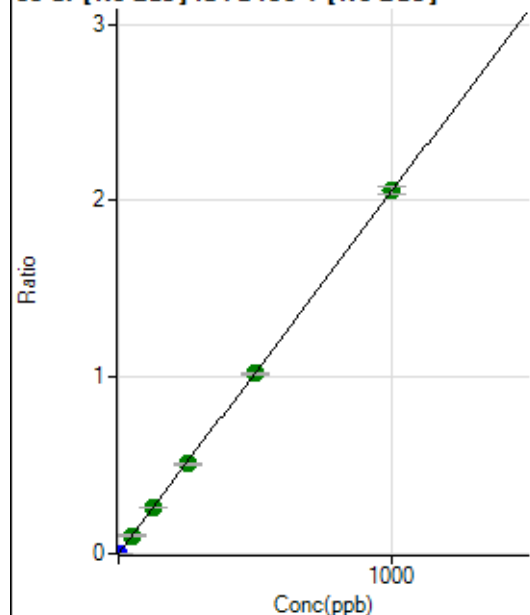
$$DL = 0.4144$$

$$BEC = 2.013$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	405.57	0.0000	P	11.4
2	☐	1.000	0.942	31409.37	0.0020	P	1.7
3	☐	50.000	50.149	1684158.76	0.1029	A	2.7
4	☐	125.000	125.405	4113302.13	0.2572	A	0.7
5	☐	250.000	247.437	8068543.84	0.5075	A	1.1
6	☐	500.000	497.462	15749608.17	1.0204	A	0.7
7	☐	1000.000	1001.852	31569578.48	2.0549	A	2.0
8	☐			217104.81	0.0139	P	0.7

$$y = 0.0021 * x + 2.5516\text{E-}005$$

$$R = 1.0000$$

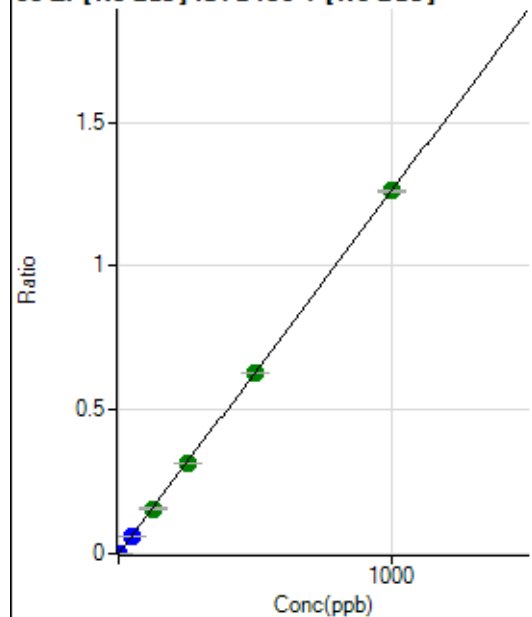
$$DL = 0.004245$$

$$BEC = 0.01244$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1041.73	0.0001	P	10.0
2	☐	1.000	0.927	19802.66	0.0012	P	0.7
3	☐	50.000	48.603	1004822.32	0.0614	P	2.5
4	☐	125.000	124.522	2513206.59	0.1572	A	1.5
5	☐	250.000	250.306	5021559.31	0.3158	A	0.3
6	☐	500.000	499.947	9736566.45	0.6308	A	0.1
7	☐	1000.000	1000.080	19385696.27	1.2617	A	0.7
8	☐			11315.75	0.0007	P	1.4

$$y = 0.0013 * x + 6.5523E-005$$

$$R = 1.0000$$

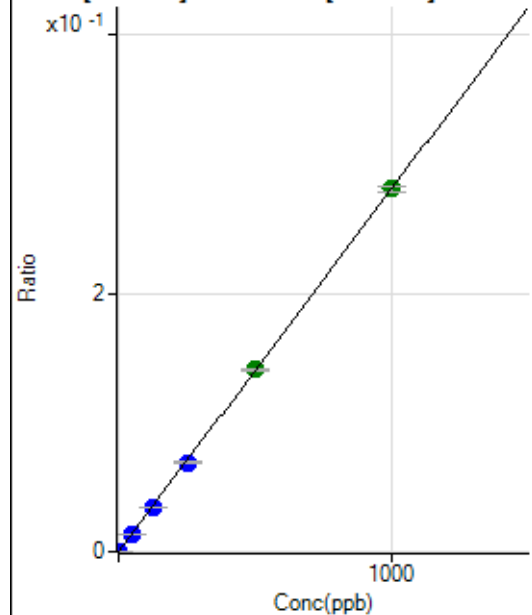
$$DL = 0.0156$$

$$BEC = 0.05194$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	163.89	0.0000	P	21.6
2	☐	1.000	0.955	4470.25	0.0003	P	5.3
3	☐	50.000	48.773	224473.41	0.0137	P	2.6
4	☐	125.000	122.994	552656.83	0.0346	P	1.3
5	☐	250.000	246.457	1100837.03	0.0693	P	1.4
6	☐	500.000	502.195	2178006.52	0.1411	A	0.6
7	☐	1000.000	1000.101	4316850.44	0.2810	A	1.6
8	☐			2394.72	0.0002	P	13.0

$$y = 2.8094E-004 * x + 1.0310E-005$$

$$R = 1.0000$$

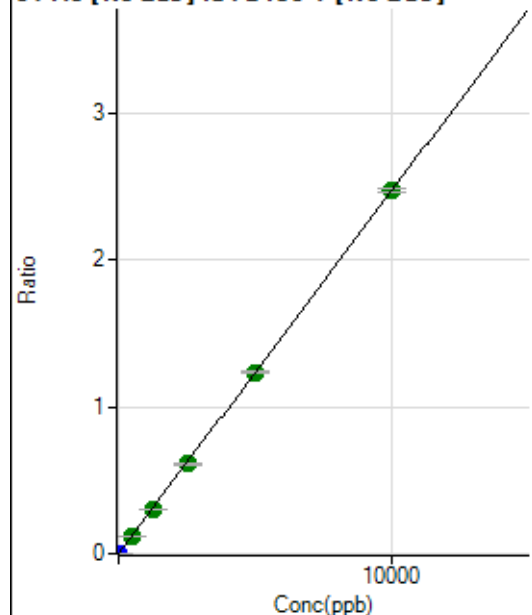
$$DL = 0.02381$$

$$BEC = 0.0367$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	413.90	0.0000	P	23.5
2	☐	5.000	5.711	23060.21	0.0014	P	2.5
3	☐	500.000	496.083	2008156.27	0.1227	A	1.9
4	☐	1250.000	1241.358	4907477.67	0.3069	A	0.4
5	☐	2500.000	2481.143	9751045.10	0.6134	A	1.4
6	☐	5000.000	5007.686	19108726.30	1.2380	A	0.4
7	☐	10000.000	10002.147	37991147.38	2.4727	A	1.2
8	☐			15136.00	0.0010	P	4.5

$$y = 2.4721\text{E-}004 * x + 2.6033\text{E-}005$$

$$R = 1.0000$$

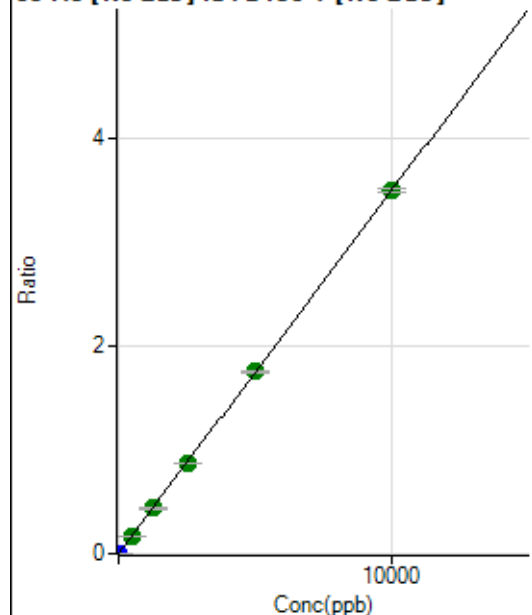
$$DL = 0.07438$$

$$BEC = 0.1053$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	158.34	0.0000	P	15.3
2	☐	5.000	5.014	28224.95	0.0018	P	2.2
3	☐	500.000	497.347	2841740.49	0.1736	A	2.1
4	☐	1250.000	1246.586	6956477.37	0.4351	A	1.2
5	☐	2500.000	2498.033	13860322.36	0.8718	A	0.4
6	☐	5000.000	5010.176	26988904.42	1.7486	A	0.9
7	☐	10000.000	9995.963	53597936.96	3.4886	A	1.0
8	☐			18681.79	0.0012	P	0.4

$$y = 3.4900\text{E-}004 * x + 9.9695\text{E-}006$$

$$R = 1.0000$$

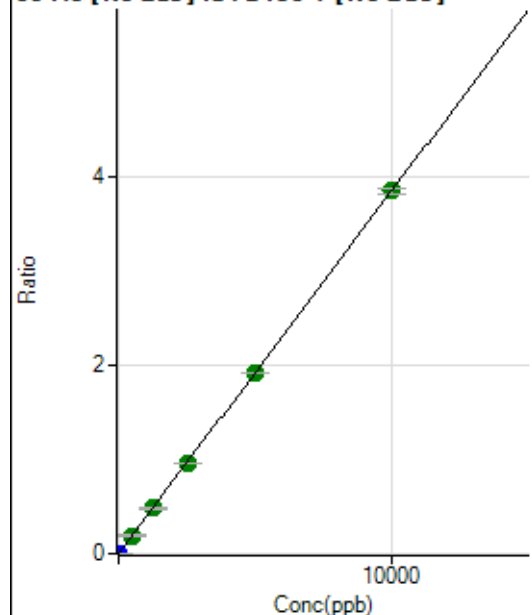
$$DL = 0.01313$$

$$BEC = 0.02857$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	227.79	0.0000	P	40.1
2	☐	5.000	5.020	31231.14	0.0019	P	0.4
3	☐	500.000	503.227	3171660.94	0.1938	A	2.8
4	☐	1250.000	1247.837	7681586.63	0.4804	A	1.3
5	☐	2500.000	2500.640	15305480.90	0.9627	A	0.6
6	☐	5000.000	4984.300	29619157.61	1.9189	A	0.6
7	☐	10000.000	10007.799	59196604.10	3.8530	A	1.4
8	☐			26532.90	0.0017	P	3.4

$$y = 3.8500\text{E-}004 * x + 1.4262\text{E-}005$$

$$R = 1.0000$$

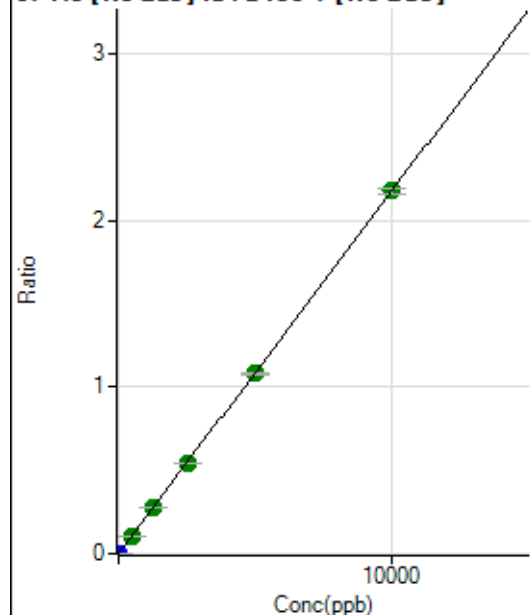
$$DL = 0.04452$$

$$BEC = 0.03704$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	116.67	0.0000	P	30.0
2	☐	5.000	4.869	17121.57	0.0011	P	0.8
3	☐	500.000	493.823	1760373.54	0.1075	A	2.0
4	☐	1250.000	1253.863	4365220.76	0.2730	A	0.9
5	☐	2500.000	2489.476	8616398.37	0.5420	A	1.4
6	☐	5000.000	4975.032	16719368.78	1.0832	A	1.0
7	☐	10000.000	10014.941	33501919.50	2.1805	A	1.3
8	☐			11376.96	0.0007	P	1.6

$$y = 2.1773\text{E-}004 * x + 7.3145\text{E-}006$$

$$R = 1.0000$$

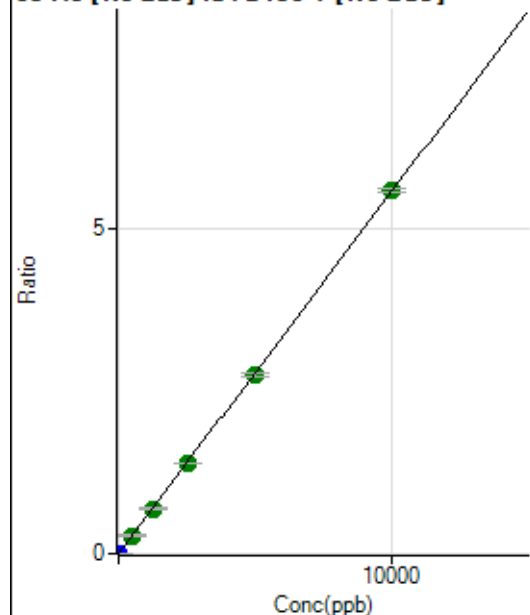
$$DL = 0.03027$$

$$BEC = 0.0336$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	225.01	0.0000	P	11.0
2	☐	5.000	4.860	43738.30	0.0027	P	0.4
3	☐	500.000	499.171	4561424.02	0.2787	A	2.6
4	☐	1250.000	1247.460	11133969.26	0.6963	A	1.4
5	☐	2500.000	2495.083	22141663.34	1.3928	A	0.7
6	☐	5000.000	4954.596	42685391.93	2.7657	A	1.8
7	☐	10000.000	10024.290	85969196.37	5.5956	A	1.2
8	☐			29190.83	0.0019	P	3.1

$$y = 5.5820\text{E-}004 * x + 1.4159\text{E-}005$$

$$R = 1.0000$$

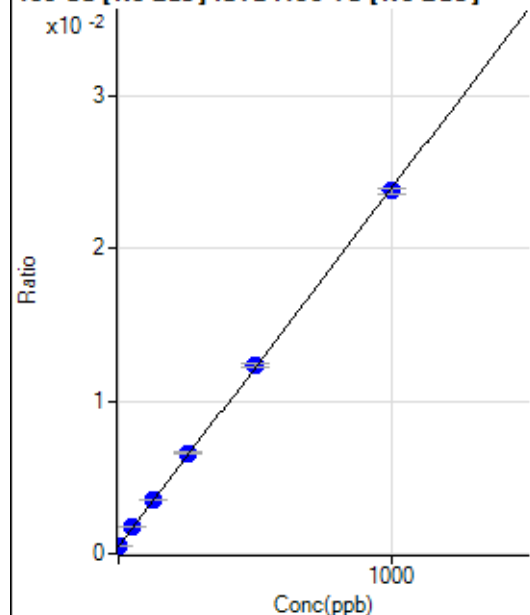
$$DL = 0.008345$$

$$BEC = 0.02537$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	5720.70	0.0005	P	5.1
2	☐	1.000	2.261	6446.04	0.0005	P	2.5
3	☐	50.000	53.947	21989.34	0.0017	P	2.6
4	☐	125.000	131.300	44622.11	0.0035	P	2.2
5	☐	250.000	260.695	82691.44	0.0066	P	2.0
6	☐	500.000	506.790	154523.12	0.0123	P	2.4
7	☐	1000.000	992.945	300375.73	0.0237	P	1.9
8	☐			5792.99	0.0005	P	2.3

$$y = 2.3446\text{E-}005 * x + 4.6676\text{E-}004$$

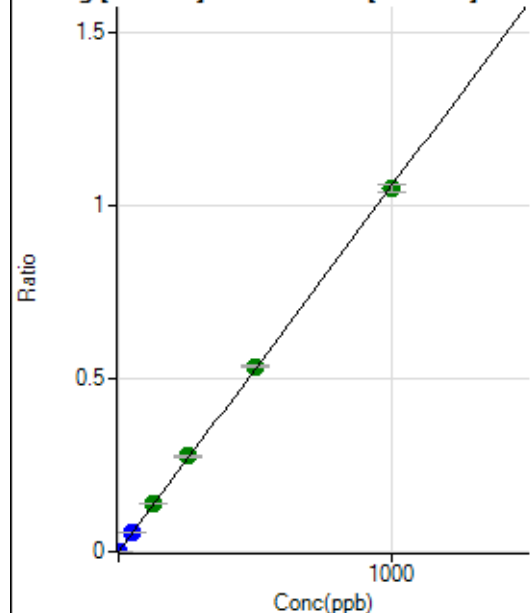
$$R = 0.9999$$

$$DL = 3.043$$

$$BEC = 19.91$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	80.56	0.0000	P	25.5
2	☐	1.000	0.877	11582.80	0.0009	P	13.7
3	☐	50.000	52.506	704709.77	0.0555	P	1.7
4	☐	125.000	132.547	1762874.23	0.1401	A	0.8
5	☐	250.000	262.507	3486056.63	0.2774	A	2.2
6	☐	500.000	506.237	6693689.56	0.5349	A	1.0
7	☐	1000.000	992.686	13266636.67	1.0489	A	2.1
8	☐			5217.78	0.0004	P	8.1

$$y = 0.0011 * x + 6.5614E-006$$

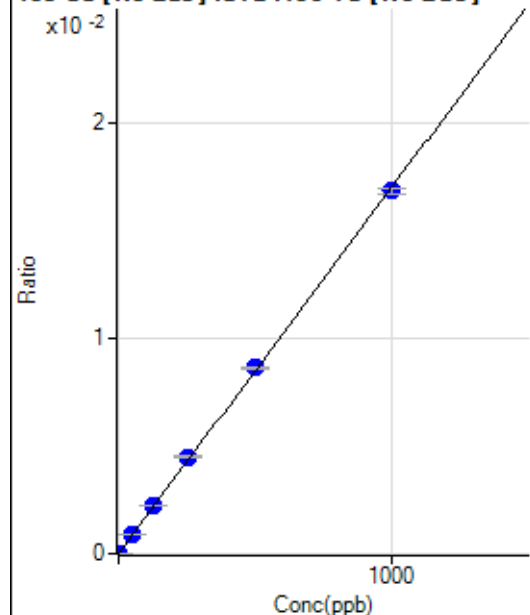
$$R = 0.9999$$

$$DL = 0.004751$$

$$BEC = 0.00621$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	52.78	0.0000	P	4.7
2	☐	1.000	1.156	297.23	0.0000	P	5.4
3	☐	50.000	53.112	11526.92	0.0009	P	3.2
4	☐	125.000	132.823	28490.63	0.0023	P	1.1
5	☐	250.000	264.827	56678.30	0.0045	P	1.5
6	☐	500.000	507.418	108075.62	0.0086	P	0.8
7	☐	1000.000	991.451	213398.67	0.0169	P	1.3
8	☐			166.67	0.0000	P	12.3

$$y = 1.7011E-005 * x + 4.3048E-006$$

$$R = 0.9998$$

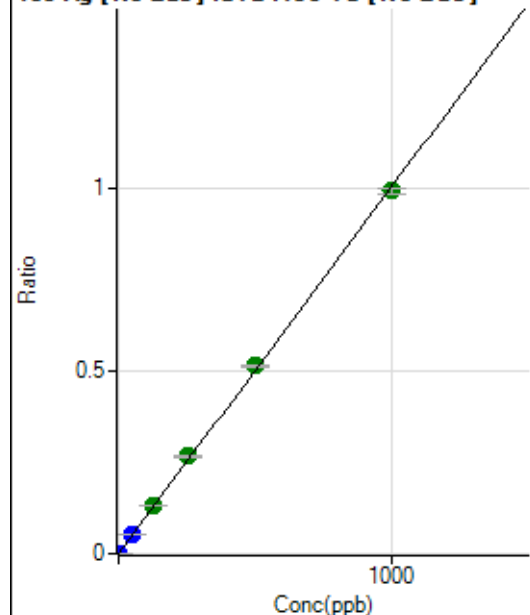
$$DL = 0.03579$$

$$BEC = 0.2531$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	19.45	0.0000	P	26.2
2	☐	1.000	0.880	10968.36	0.0009	P	11.4
3	☐	50.000	52.626	670128.23	0.0528	P	1.2
4	☐	125.000	132.633	1673343.49	0.1330	A	1.3
5	☐	250.000	265.635	3347040.74	0.2663	A	1.5
6	☐	500.000	511.294	6414183.69	0.5125	A	0.7
7	☐	1000.000	989.359	12545527.19	0.9918	A	1.6
8	☐			4984.32	0.0004	P	2.8

$$y = 0.0010 * x + 1.5895E-006$$

$$R = 0.9998$$

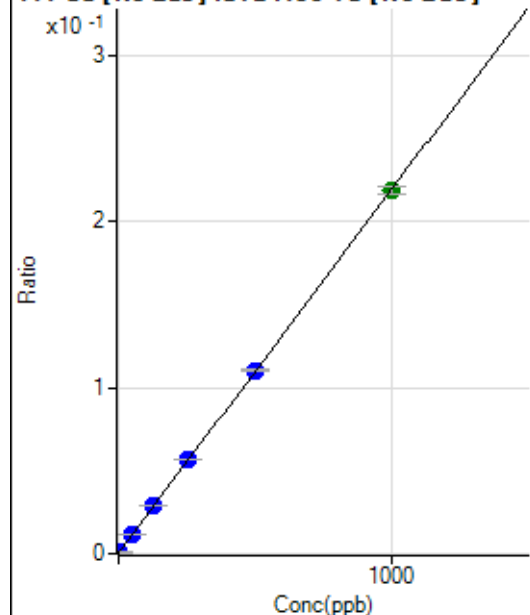
$$DL = 0.001244$$

$$BEC = 0.001586$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	4003.66	0.0003	P	5.4
2	☐	1.000	1.162	7204.50	0.0006	P	2.3
3	☐	50.000	52.563	150248.20	0.0118	P	1.3
4	☐	125.000	130.770	364261.80	0.0289	P	1.2
5	☐	250.000	257.195	711522.63	0.0566	P	1.3
6	☐	500.000	501.678	1377919.01	0.1101	P	0.8
7	☐	1000.000	996.512	2762348.39	0.2184	A	2.2
8	☐			5025.97	0.0004	P	1.4

$$y = 2.1883E-004 * x + 3.2667E-004$$

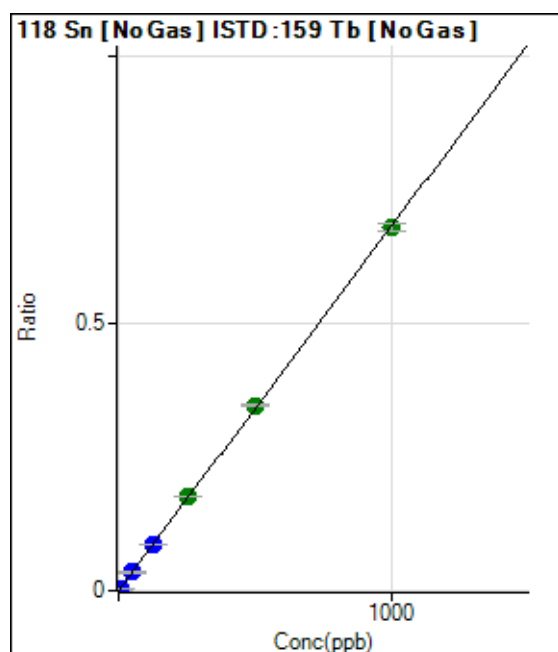
$$R = 1.0000$$

$$DL = 0.241$$

$$BEC = 1.493$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1797.39	0.0001	P	7.3
2	☐	5.000	4.840	42700.07	0.0034	P	3.0
3	☐	50.000	50.466	438240.56	0.0345	P	2.6
4	☐	125.000	125.047	1073413.78	0.0853	P	1.3
5	☐	250.000	256.501	2197155.78	0.1748	A	0.6
6	☐	500.000	506.521	4317750.49	0.3450	A	1.1
7	☐	1000.000	995.086	8571858.01	0.6777	A	2.1
8	☐			28411.95	0.0023	P	4.1

$$y = 6.8089\text{E-}004 * x + 1.4665\text{E-}004$$

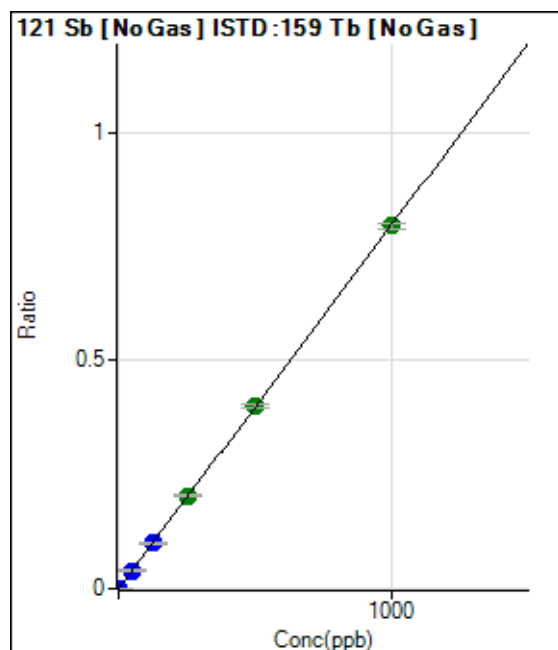
$$R = 0.9999$$

$$DL = 0.04707$$

$$BEC = 0.2154$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	55.56	0.0000	P	53.5
2	☐	2.000	1.942	19266.20	0.0016	P	1.7
3	☐	50.000	49.764	504122.77	0.0397	P	2.3
4	☐	125.000	124.580	1250655.99	0.0994	P	1.0
5	☐	250.000	254.992	2556270.22	0.2034	A	2.0
6	☐	500.000	502.110	5011628.80	0.4005	A	1.7
7	☐	1000.000	997.762	10066409.17	0.7958	A	1.9
8	☐			7368.77	0.0006	P	4.7

$$y = 7.9761\text{E-}004 * x + 4.5404\text{E-}006$$

$$R = 1.0000$$

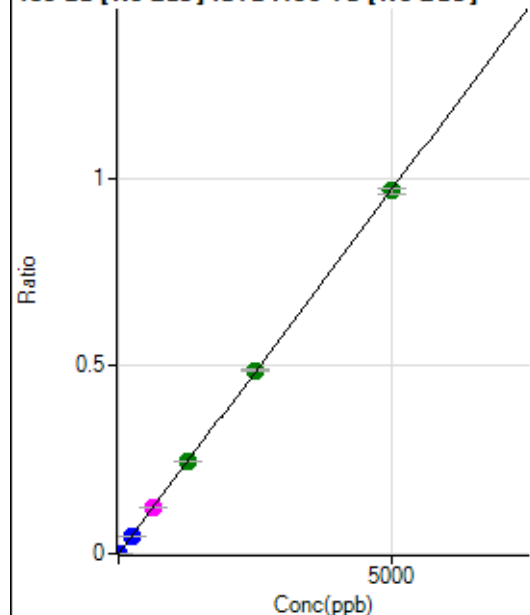
$$DL = 0.009144$$

$$BEC = 0.005692$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	36.11	0.0000	P	66.6
2	☐	10.000	9.425	22704.70	0.0018	P	4.3
3	☐	250.000	245.922	605779.65	0.0477	P	1.6
4	☐	625.000	626.750	1529982.73	0.1216	M	1.5
5	☐	1250.000	1267.394	3089576.22	0.2458	A	1.1
6	☐	2500.000	2515.000	6103853.22	0.4877	A	1.0
7	☐	5000.000	4988.138	12237399.14	0.9674	A	1.8
8	☐			6879.62	0.0006	P	1.0

$$y = 1.9394\text{E-}004 * x + 2.9436\text{E-}006$$

$$R = 1.0000$$

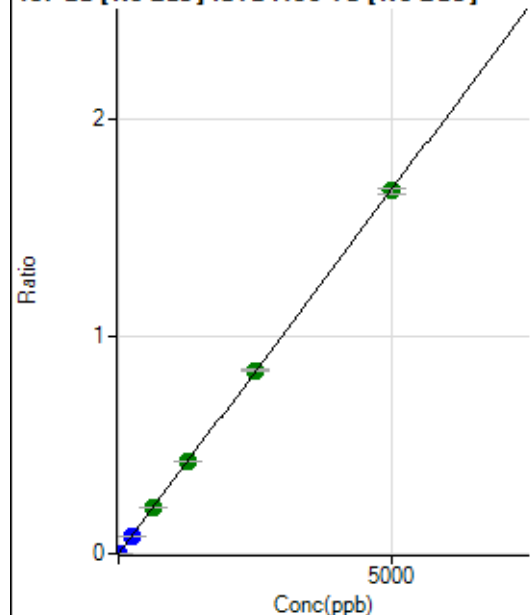
$$DL = 0.03033$$

$$BEC = 0.01518$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	75.00	0.0000	P	12.0
2	☐	10.000	9.480	39533.44	0.0032	P	2.5
3	☐	250.000	245.850	1048001.45	0.0825	P	1.6
4	☐	625.000	637.356	2692043.29	0.2139	A	1.2
5	☐	1250.000	1268.113	5349422.08	0.4256	A	1.3
6	☐	2500.000	2520.879	10587023.41	0.8460	A	1.2
7	☐	5000.000	4983.696	21156802.21	1.6725	A	1.7
8	☐			12266.76	0.0010	P	0.9

$$y = 3.3560\text{E-}004 * x + 6.1206\text{E-}006$$

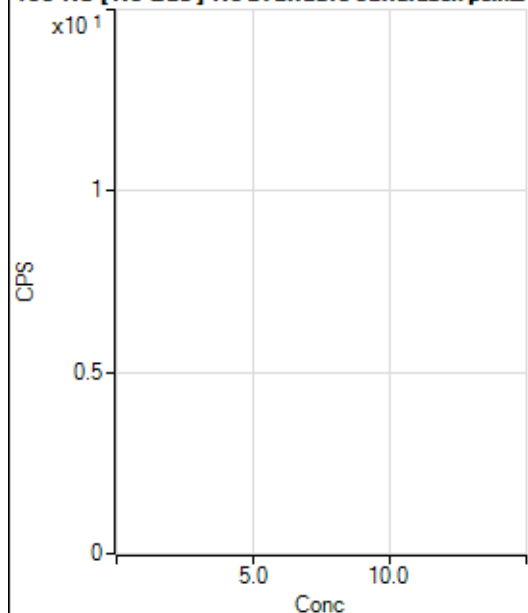
$$R = 1.0000$$

$$DL = 0.006539$$

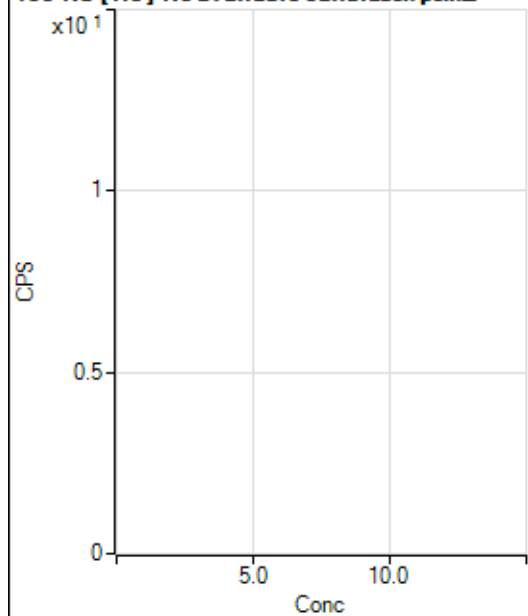
$$BEC = 0.01824$$

Weight: <None>

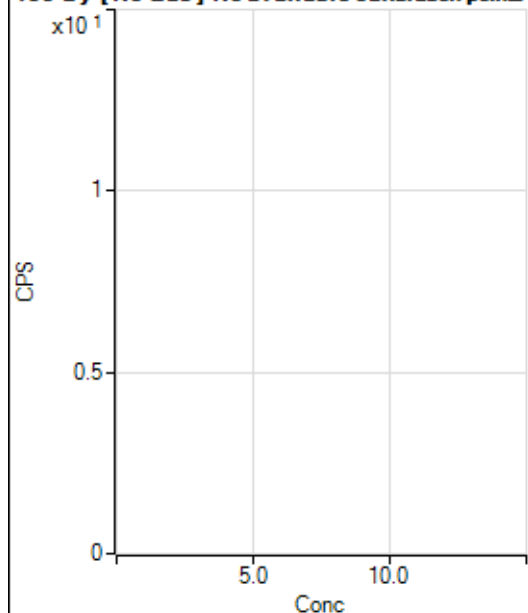
Min Conc: 0

150 Nd [No Gas] No available calibration points

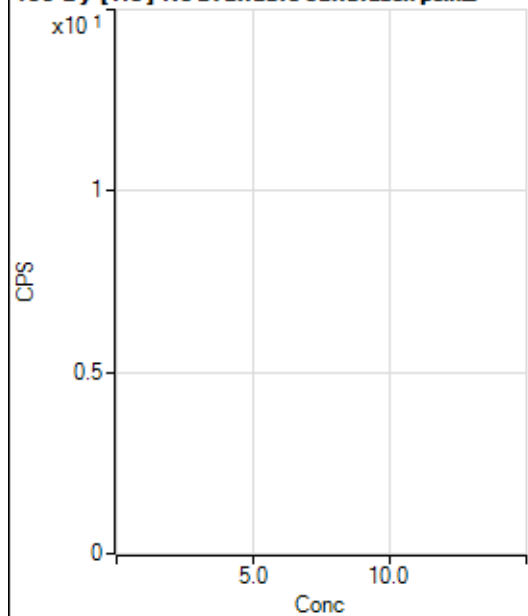
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			0.00		P	
2	☐			4.44		P	173.2
3	☐			62.22		P	30.9
4	☐			113.34		P	15.6
5	☐			215.56		P	3.6
6	☐			377.79		P	12.0
7	☐			826.71		P	5.8
8	☐			142.22		P	2.7

150 Nd [He] No available calibration points

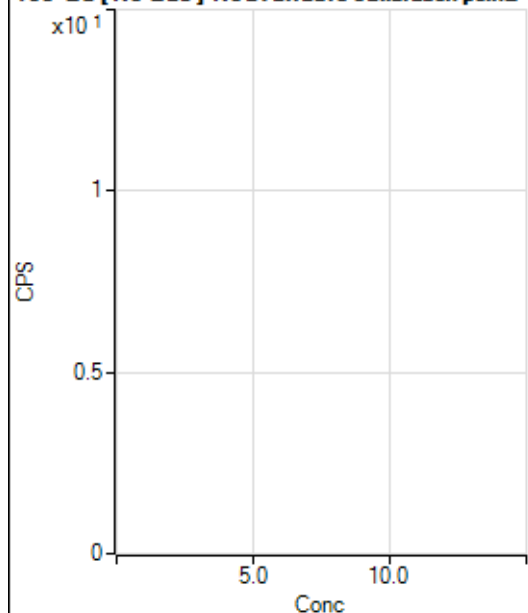
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			0.00		P	
2	☐			2.22		P	173.2
3	☐			16.67		P	40.0
4	☐			17.78		P	10.8
5	☐			41.11		P	12.4
6	☐			77.78		P	25.1
7	☐			160.00		P	9.1
8	☐			77.78		P	13.1

156 Dy [No Gas] No available calibration points

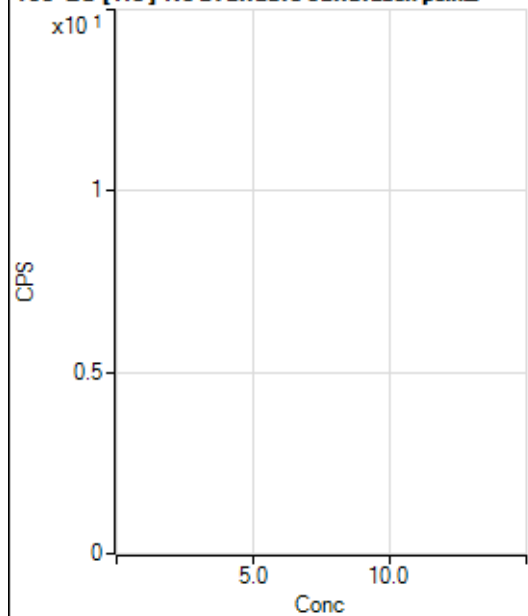
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			19.44		P	65.5
2	☐			13.89		P	34.7
3	☐			55.56		P	17.3
4	☐			88.89		P	27.1
5	☐			194.45		P	13.8
6	☐			375.02		P	13.9
7	☐			547.25		P	14.5
8	☐			1352.88		P	12.0

156 Dy [He] No available calibration points

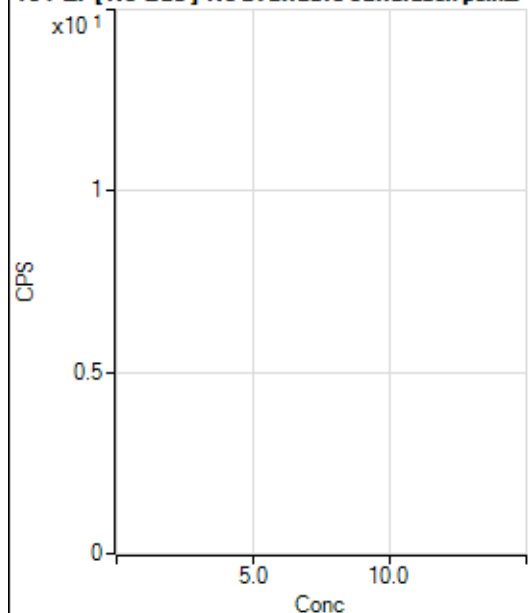
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			13.33		P	25.0
2	☐			12.22		P	15.7
3	☐			43.33		P	15.4
4	☐			64.45		P	6.0
5	☐			154.45		P	11.9
6	☐			274.45		P	9.7
7	☐			613.35		P	4.2
8	☐			771.14		P	10.2

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

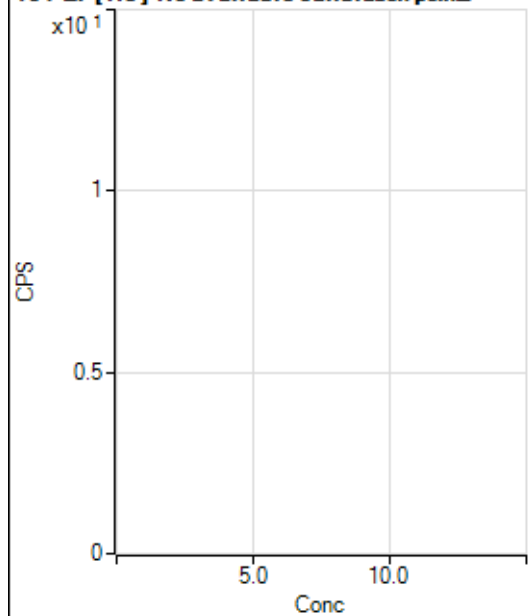
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			55.56		P	17.3
2	☐			97.22		P	42.3
3	☐			125.01		P	23.1
4	☐			155.56		P	39.5
5	☐			186.12		P	6.8
6	☐			313.90		P	5.5
7	☐			505.58		P	14.2
8	☐			858.38		P	2.9

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			170.01		P	14.8
2	☐			195.56		P	9.4
3	☐			206.67		P	8.1
4	☐			220.01		P	22.0
5	☐			300.01		P	12.0
6	☐			335.56		P	4.1
7	☐			526.68		P	7.0
8	☐			793.37		P	14.7

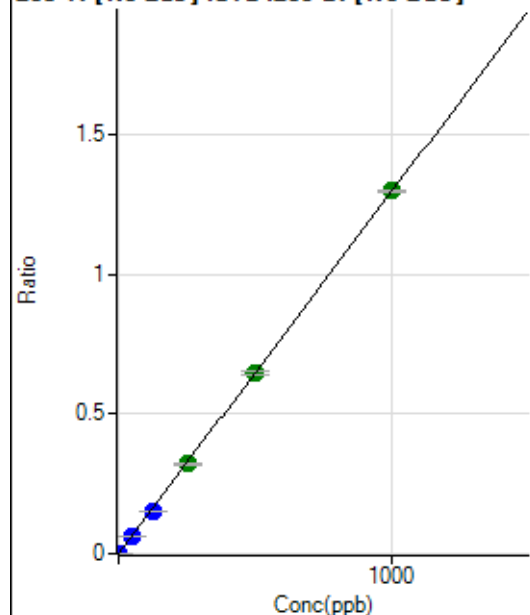
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			77.78		P	22.3
2	☐			58.34		P	57.1
3	☐			75.00		P	11.1
4	☐			108.34		P	40.7
5	☐			108.34		P	20.4
6	☐			147.23		P	51.4
7	☐			241.67		P	9.1
8	☐			169.45		P	32.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			48.89		P	10.4
2	☐			76.67		P	24.2
3	☐			62.22		P	34.9
4	☐			75.55		P	14.2
5	☐			98.89		P	19.5
6	☐			115.56		P	4.4
7	☐			143.34		P	23.6
8	☐			112.22		P	16.4

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	800.05	0.0001	P	19.7
2	☐	1.000	0.858	9564.69	0.0012	P	1.3
3	☐	50.000	46.411	484874.72	0.0602	P	2.8
4	☐	125.000	117.442	1201375.99	0.1521	P	0.6
5	☐	250.000	247.879	2527237.10	0.3208	A	0.8
6	☐	500.000	498.569	5017146.34	0.6452	A	1.5
7	☐	1000.000	1002.370	10145463.68	1.2971	A	0.3
8	☐			5245.62	0.0008	P	3.3

$$y = 0.0013 * x + 1.0374E-004$$

$$R = 1.0000$$

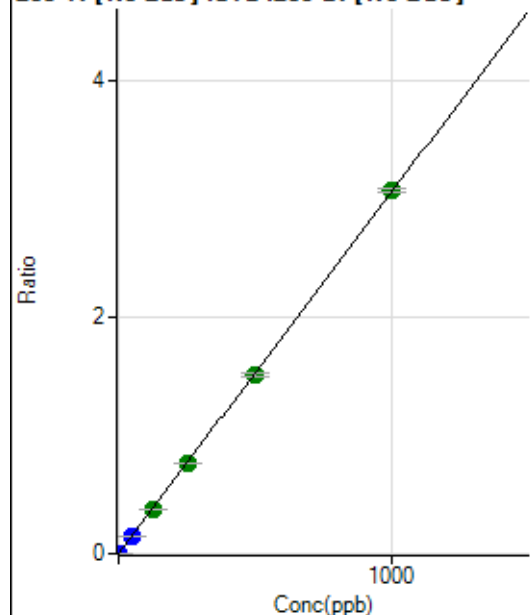
$$DL = 0.04747$$

$$BEC = 0.08017$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1855.73	0.0002	P	1.6
2	☐	1.000	0.908	23760.10	0.0030	P	0.8
3	☐	50.000	46.365	1144410.70	0.1420	P	3.1
4	☐	125.000	124.107	2999461.16	0.3797	A	0.8
5	☐	250.000	248.290	5981139.67	0.7593	A	0.6
6	☐	500.000	494.567	11759061.98	1.5123	A	1.2
7	☐	1000.000	1003.437	23997670.85	3.0680	A	1.1
8	☐			12322.59	0.0018	P	6.4

$$y = 0.0031 * x + 2.4006E-004$$

$$R = 1.0000$$

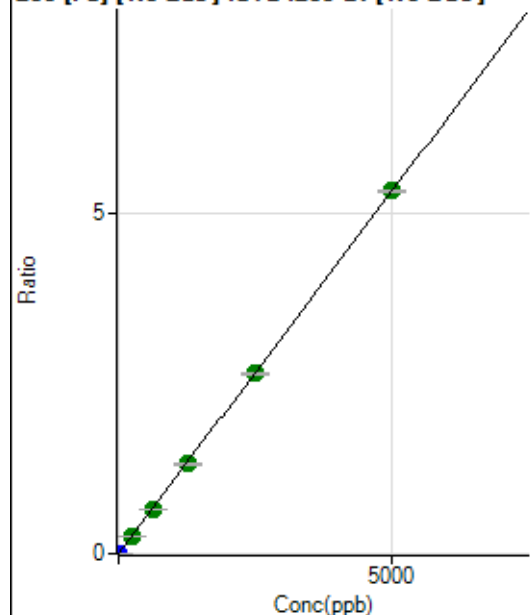
$$DL = 0.003678$$

$$BEC = 0.07852$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	487.05	0.0001	P	9.9
2	☐	1.000	0.869	7791.25	0.0010	P	2.6
3	☐	250.000	246.387	2118099.27	0.2628	A	2.7
4	☐	625.000	620.186	5224732.93	0.6613	A	1.0
5	☐	1250.000	1238.566	10402771.53	1.3207	A	0.9
6	☐	2500.000	2484.962	20603629.86	2.6497	A	0.5
7	☐	5000.000	5011.160	41792904.64	5.3433	A	0.3
8	☐			13189.87	0.0019	P	0.7

$$y = 0.0011 * x + 6.3078E-005$$

$$R = 1.0000$$

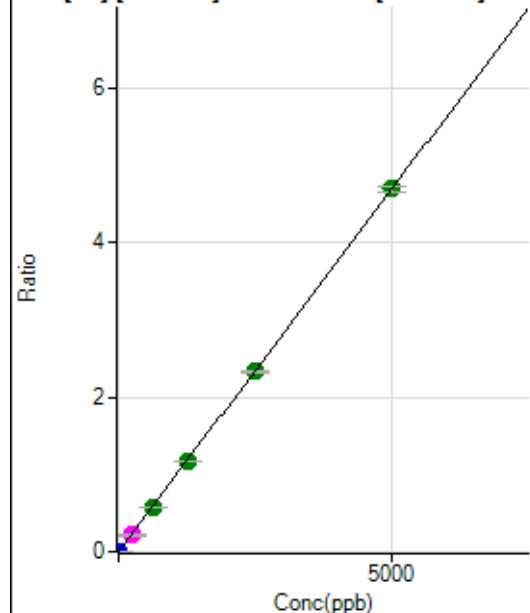
$$DL = 0.01753$$

$$BEC = 0.05916$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	340.75	0.0000	P	3.4
2	☐	1.000	0.875	6798.09	0.0009	P	4.5
3	☐	250.000	228.055	1723070.35	0.2135	M	4.2
4	☐	625.000	620.200	4586881.53	0.5806	A	0.3
5	☐	1250.000	1242.345	9160032.49	1.1629	A	1.1
6	☐	2500.000	2490.661	18128502.03	2.3314	A	0.9
7	☐	5000.000	5008.281	36665888.32	4.6880	A	1.4
8	☐			11099.11	0.0016	P	3.5

$$y = 9.3604E-004 * x + 4.4095E-005$$

$$R = 1.0000$$

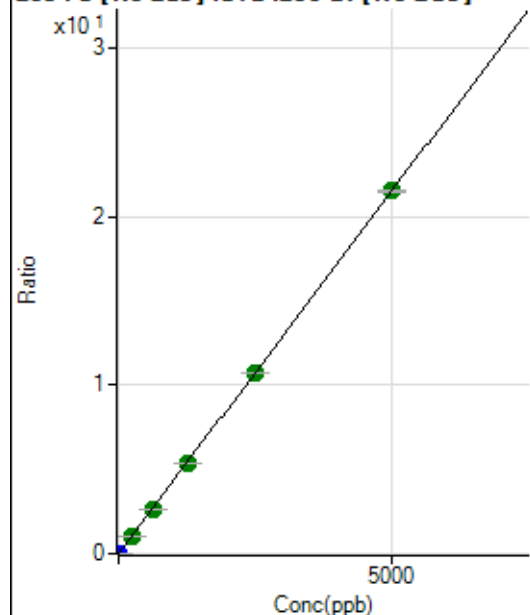
$$DL = 0.004855$$

$$BEC = 0.04711$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1831.56	0.0002	P	4.8
2	☐	1.000	0.881	31724.44	0.0040	P	0.8
3	☐	250.000	242.343	8406450.11	1.0427	A	1.3
4	☐	625.000	619.149	21042603.14	2.6635	A	0.5
5	☐	1250.000	1244.850	42179556.61	5.3550	A	0.5
6	☐	2500.000	2489.384	83266144.46	10.7083	A	0.5
7	☐	5000.000	5007.710	168482626.45	21.5409	A	0.8
8	☐			51625.96	0.0075	P	1.0

$$y = 0.0043 * x + 2.3705E-004$$

$$R = 1.0000$$

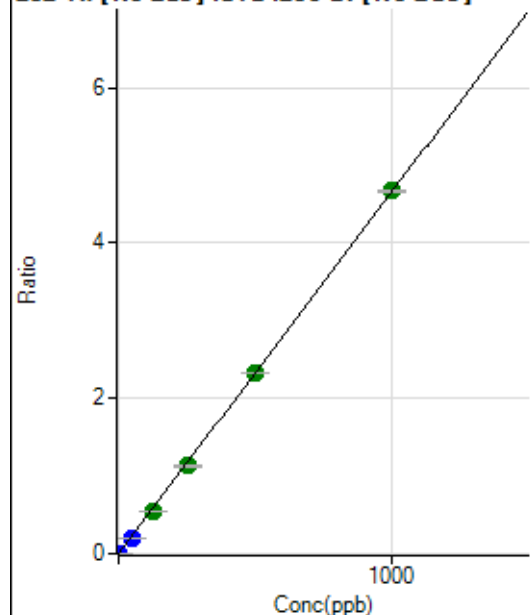
$$DL = 0.007985$$

$$BEC = 0.05511$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	109.26	0.0000	P	23.8
2	☐	1.000	0.790	29083.86	0.0037	P	2.6
3	☐	50.000	40.994	1538307.30	0.1909	P	2.9
4	☐	125.000	119.069	4379394.34	0.5543	A	0.7
5	☐	250.000	242.052	8875954.94	1.1269	A	0.6
6	☐	500.000	499.141	18068933.62	2.3237	A	0.5
7	☐	1000.000	1003.608	36543360.31	4.6722	A	0.7
8	☐			3933.98	0.0006	P	1.9

$$y = 0.0047 * x + 1.4133E-005$$

$$R = 0.9999$$

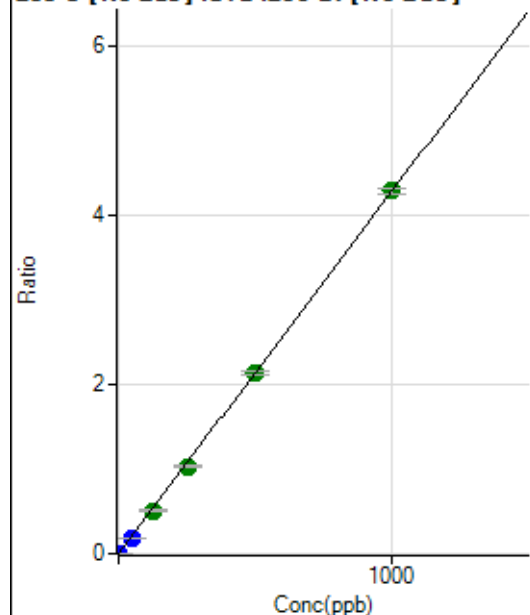
$$DL = 0.002165$$

$$BEC = 0.003036$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	102.78	0.0000	P	7.7
2	☐	1.000	0.820	27732.71	0.0035	P	2.6
3	☐	50.000	41.625	1436419.79	0.1782	P	1.6
4	☐	125.000	119.511	4041360.55	0.5115	A	0.6
5	☐	250.000	241.850	8153688.64	1.0352	A	1.5
6	☐	500.000	500.237	16648959.57	2.1411	A	1.6
7	☐	1000.000	1003.024	33577854.22	4.2931	A	1.2
8	☐			4556.47	0.0007	P	7.0

$$y = 0.0043 * x + 1.3283E-005$$

$$R = 0.9999$$

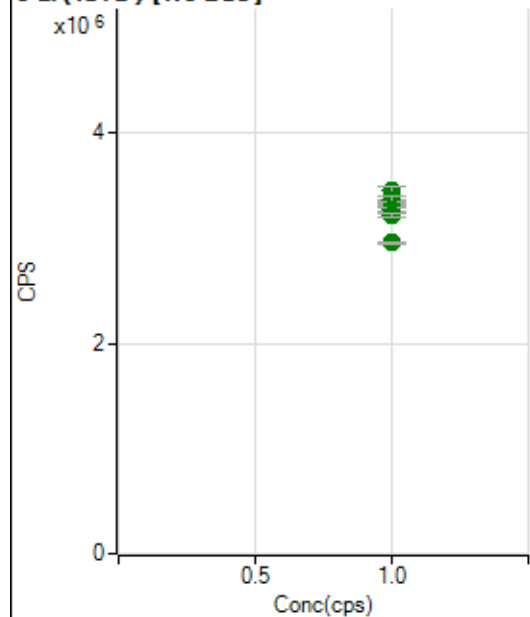
$$DL = 0.0007134$$

$$BEC = 0.003103$$

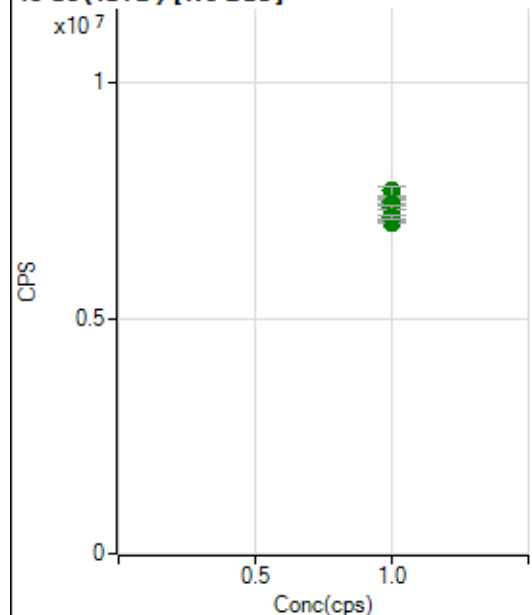
Weight: <None>

Min Conc: 0

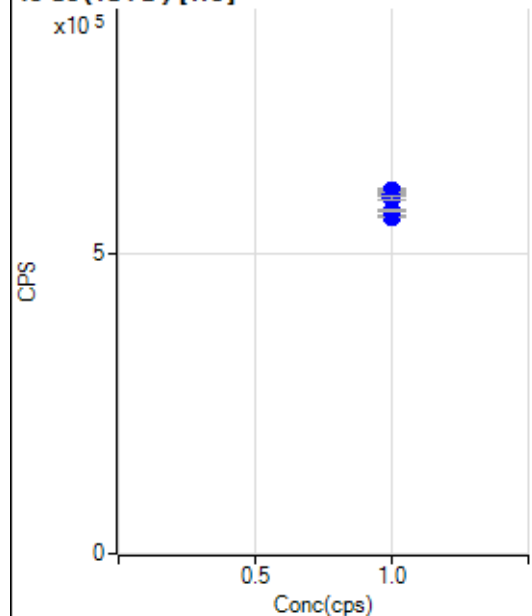
6 Li (ISTD) [No Gas]



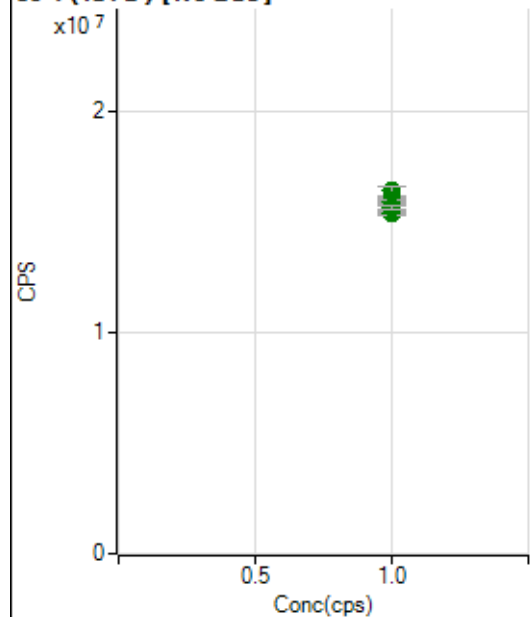
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3337653.81		A	1.7
2	☐	1.000		3346757.10		A	1.3
3	☐	1.000		3446593.77		A	2.3
4	☐	1.000		3370217.24		A	1.3
5	☐	1.000		3272519.81		A	1.0
6	☐	1.000		3272309.12		A	0.9
7	☐	1.000		3218331.96		A	1.5
8	☐	1.000		2953760.48		A	0.6

45 Sc (ISTD) [No Gas]

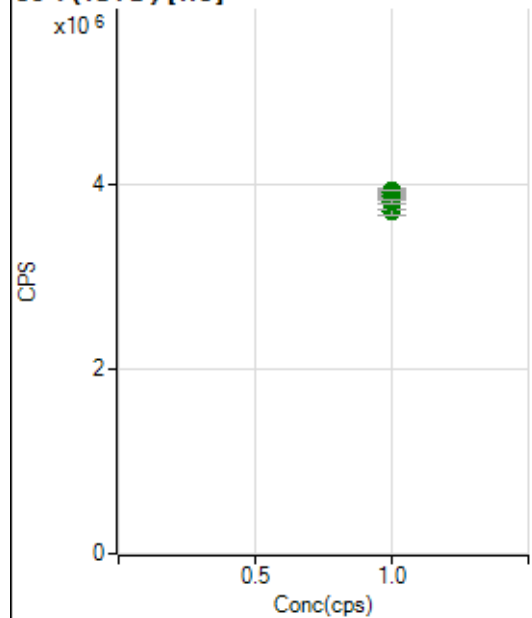
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		7457806.97		A	2.2
2	☐	1.000		7548412.18		A	0.4
3	☐	1.000		7704682.18		A	2.7
4	☐	1.000		7422290.72		A	0.2
5	☐	1.000		7358101.97		A	1.2
6	☐	1.000		7101351.42		A	0.4
7	☐	1.000		7043226.01		A	1.0
8	☐	1.000		7157874.61		A	1.4

45 Sc (ISTD) [He]

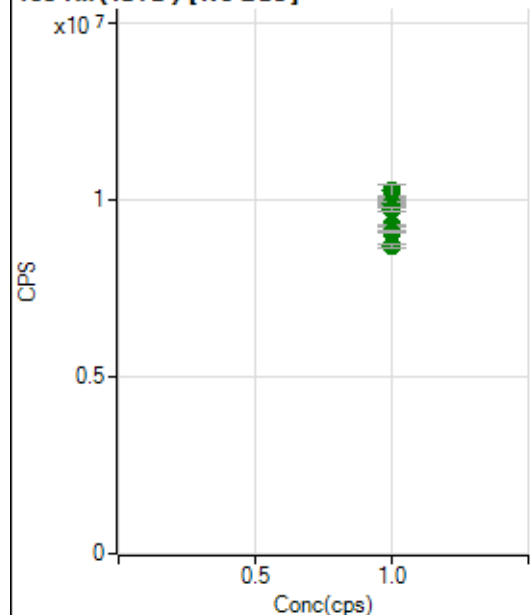
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		600104.77		P	0.5
2	☐	1.000		605588.56		P	1.2
3	☐	1.000		605577.83		P	0.7
4	☐	1.000		600438.70		P	0.7
5	☐	1.000		593960.06		P	0.9
6	☐	1.000		562716.99		P	0.8
7	☐	1.000		572292.01		P	0.2
8	☐	1.000		594044.34		P	0.8

89 Y (ISTD) [No Gas]

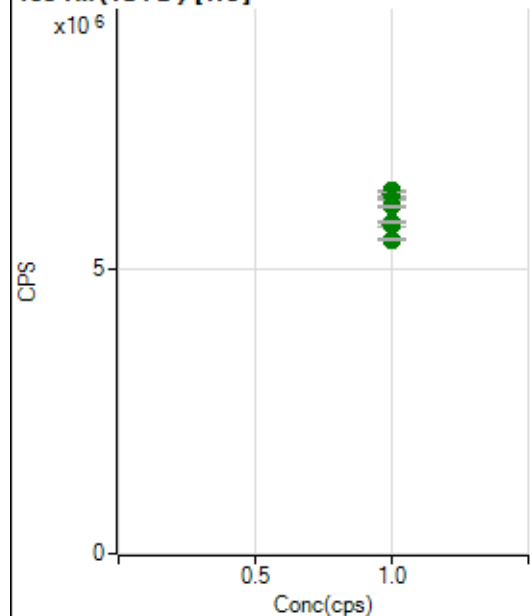
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		15906665.46		A	1.6
2	☐	1.000		16039678.65		A	0.3
3	☐	1.000		16376157.53		A	2.4
4	☐	1.000		15990408.65		A	0.9
5	☐	1.000		15898563.51		A	1.4
6	☐	1.000		15435608.24		A	1.0
7	☐	1.000		15364270.74		A	0.7
8	☐	1.000		15611892.68		A	1.0

89 Y (ISTD) [He]

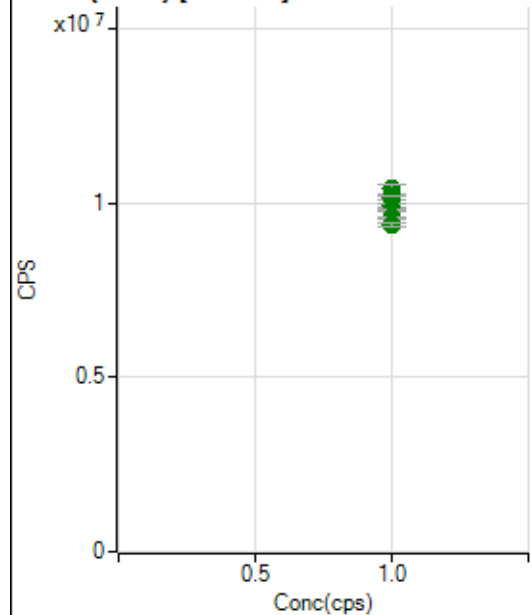
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3901932.48		A	1.7
2	☐	1.000		3925412.89		A	0.8
3	☐	1.000		3899612.27		A	0.4
4	☐	1.000		3915642.55		A	1.9
5	☐	1.000		3869915.46		A	1.3
6	☐	1.000		3701673.35		A	1.5
7	☐	1.000		3809907.72		A	1.2
8	☐	1.000		3930906.64		A	0.2

103 Rh (ISTD) [No Gas]

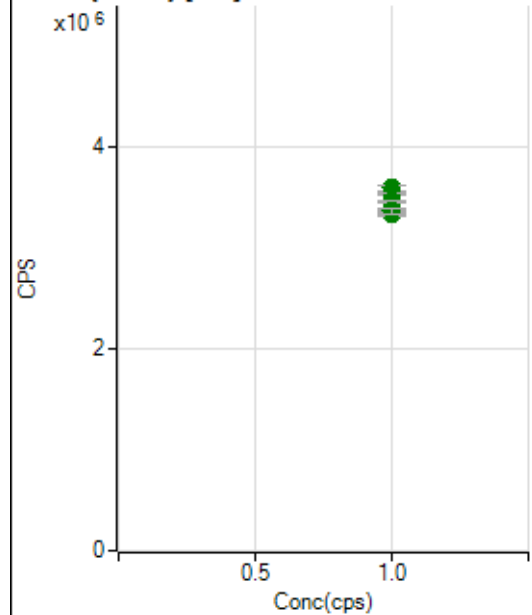
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		9928580.69		A	1.1
2	☐	1.000		10094901.38		A	0.8
3	☐	1.000		10255321.37		A	3.4
4	☐	1.000		9907971.38		A	0.9
5	☐	1.000		9717730.90		A	1.1
6	☐	1.000		9274275.07		A	1.0
7	☐	1.000		9091503.06		A	0.7
8	☐	1.000		8695839.87		A	0.8

103 Rh (ISTD) [He]

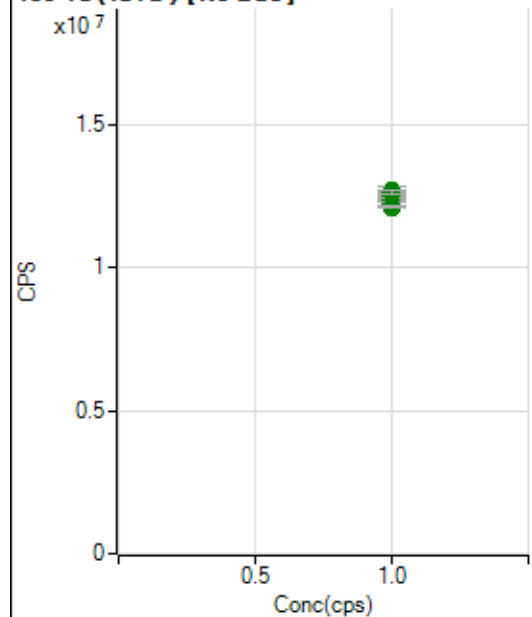
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		6265594.28		A	0.9
2	☐	1.000		6369823.24		A	0.4
3	☐	1.000		6308807.61		A	1.1
4	☐	1.000		6206403.31		A	0.2
5	☐	1.000		6095899.01		A	0.5
6	☐	1.000		5779632.83		A	1.0
7	☐	1.000		5822583.04		A	0.6
8	☐	1.000		5517282.45		A	0.9

115 In (ISTD) [No Gas]

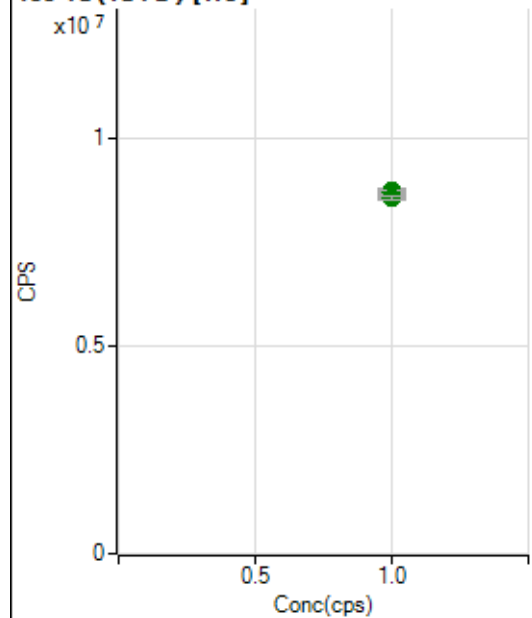
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		10166613.05		A	1.4
2	☐	1.000		10213645.51		A	0.2
3	☐	1.000		10413393.99		A	2.4
4	☐	1.000		10203165.58		A	0.2
5	☐	1.000		9955410.35		A	1.0
6	☐	1.000		9804976.88		A	0.7
7	☐	1.000		9580988.18		A	0.7
8	☐	1.000		9400960.38		A	1.3

115 In (ISTD) [He]

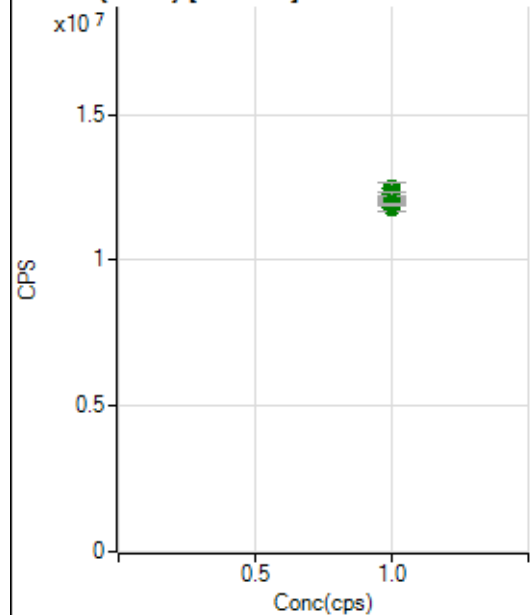
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3530102.14		A	0.9
2	☐	1.000		3592759.28		A	1.4
3	☐	1.000		3553257.34		A	0.4
4	☐	1.000		3542098.14		A	0.4
5	☐	1.000		3458161.28		A	0.7
6	☐	1.000		3328785.72		A	1.1
7	☐	1.000		3333906.00		A	1.6
8	☐	1.000		3362087.89		A	1.5

159 Tb (ISTD) [No Gas]

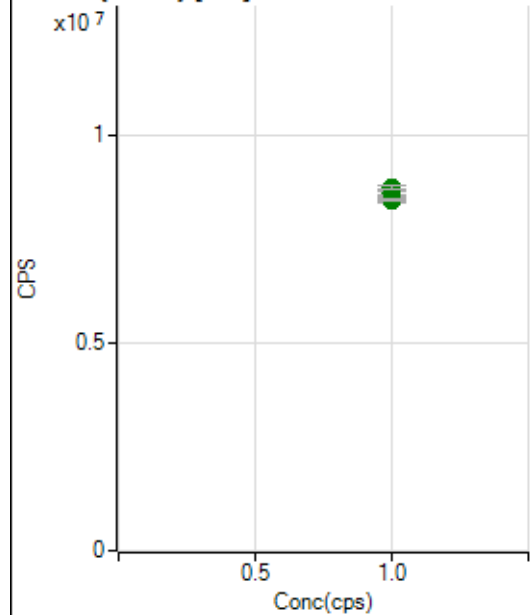
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		12262382.18		A	1.6
2	☐	1.000		12403679.26		A	1.0
3	☐	1.000		12704442.59		A	2.6
4	☐	1.000		12586291.76		A	1.0
5	☐	1.000		12570412.73		A	1.2
6	☐	1.000		12514551.20		A	0.8
7	☐	1.000		12650684.40		A	1.3
8	☐	1.000		12140513.43		A	0.2

159 Tb (ISTD) [He]

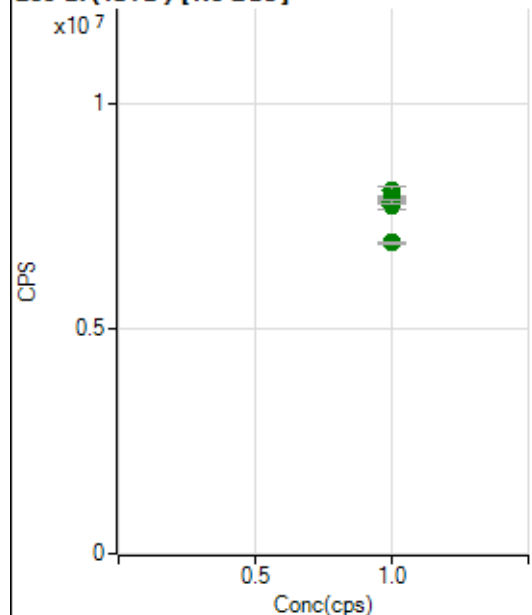
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		8541982.65		A	0.9
2	☐	1.000		8627223.97		A	0.9
3	☐	1.000		8706538.06		A	0.5
4	☐	1.000		8663551.12		A	0.1
5	☐	1.000		8725396.33		A	1.3
6	☐	1.000		8592480.29		A	0.9
7	☐	1.000		8688968.97		A	1.3
8	☐	1.000		8545731.75		A	1.1

165 Ho (ISTD) [No Gas]

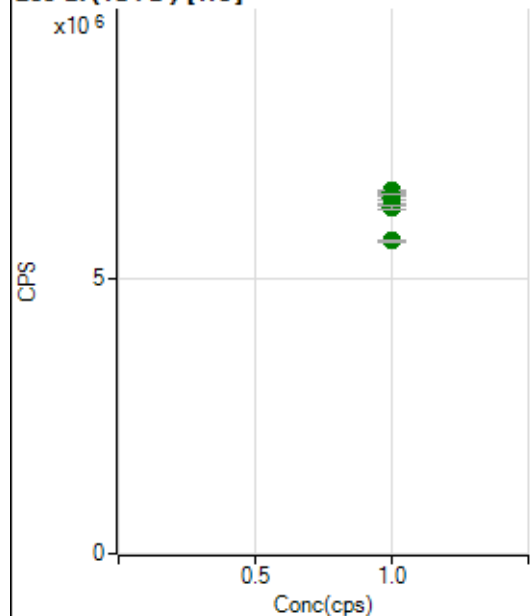
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		11830351.63		A	2.2
2	☐	1.000		11944303.71		A	1.0
3	☐	1.000		12441663.70		A	3.5
4	☐	1.000		12118844.40		A	0.1
5	☐	1.000		12098441.07		A	0.8
6	☐	1.000		12092823.57		A	0.5
7	☐	1.000		12263755.10		A	0.7
8	☐	1.000		11912506.77		A	0.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		8445385.43		A	1.3
2	☐	1.000		8588783.62		A	1.4
3	☐	1.000		8537675.71		A	1.2
4	☐	1.000		8524687.51		A	1.2
5	☐	1.000		8628294.94		A	1.6
6	☐	1.000		8556732.51		A	0.3
7	☐	1.000		8743098.69		A	1.1
8	☐	1.000		8464766.19		A	0.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		7730714.40		A	1.9
2	☐	1.000		7875593.70		A	1.0
3	☐	1.000		8064039.39		A	2.7
4	☐	1.000		7900505.65		A	0.8
5	☐	1.000		7876773.01		A	0.3
6	☐	1.000		7775862.52		A	0.2
7	☐	1.000		7821503.29		A	0.6
8	☐	1.000		6909188.44		A	0.7

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		6532546.71		A	0.7
2	☐	1.000		6611590.80		A	0.3
3	☐	1.000		6580164.62		A	1.1
4	☐	1.000		6518033.86		A	0.5
5	☐	1.000		6496299.21		A	1.4
6	☐	1.000		6366258.86		A	0.7
7	☐	1.000		6309039.70		A	0.9
8	☐	1.000		5700857.69		A	0.2

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P7050622 MS.b
Acq. Date-Time 2022-05-06 10:58:34
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		11887	118869.09			0.406	5.000
24		110741	1107405.66			0.879	5.000
25		14593	145926.76			0.593	5.000
26		16658	166578.95			0.818	5.000
59		27296	272956.32			0.781	5.000
113		11796	117962.41			0.705	5.000
115		33265	332653.03			1.242	5.000
206		15053	150527.04			0.666	5.000
207		12808	128083.76			0.826	5.000
208		31140	311397.45			0.665	5.000
220		0	2.40			40.074	

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

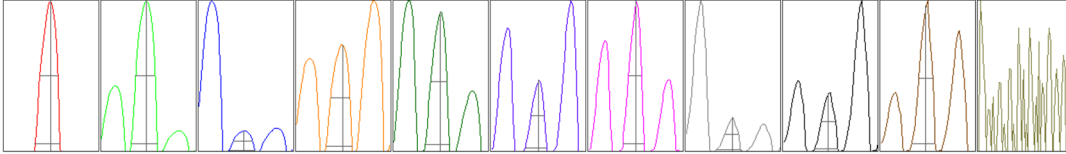
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	11903	11905	11948	11855	11823
24	110476	111524	111980	109955	109767
25	14674	14667	14596	14563	14463
26	16775	16759	16726	16563	16466
59	27413	27478	27403	27234	26950
113	11881	11861	11815	11744	11681
115	33761	33511	33346	32978	32730
206	15072	15164	15080	15059	14889
207	12812	12980	12789	12767	12694
208	31179	31437	31180	31018	30884

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	22310.26	9.00	8.90 - 9.10	
24	189834.56	23.95	23.90 - 24.10	
25	24857.23	24.95	24.90 - 25.10	
26	28560.85	26.00	25.90 - 26.10	
59	55295.39	59.00	58.90 - 59.10	
113	28166.51	113.05	112.90 - 113.10	
115	81203.75	115.05	114.90 - 115.10	
206	34571.27	206.00	205.90 - 206.10	
207	27887.11	206.95	206.90 - 207.10	
208	70366.02	207.95	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.56	0.775	0.900	
24	0.61	0.821	0.900	
25	0.61	0.789	0.900	
26	0.61	0.821	0.900	
59	0.51	0.762	0.900	
113	0.42	0.681	0.900	
115	0.42	0.678	0.900	
206	0.45	0.745	0.900	
207	0.46	0.728	0.900	
208	0.44	0.748	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	7.7 V	Deflect	14.0 V
Extract 2	-125.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-60 V	Cell Exit	-50 V		

Cell Parameters

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

QP Parameters

Mass Gain	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
---------	---------	---------	--------

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		9195	91954.05			0.224	
89		45530	455300.03			0.280	
205		54001	540014.55			0.731	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	9162	9201	9201	9196	9218
89	45455	45512	45739	45407	45538
205	54374	54439	53639	53602	53953

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	8.8 V	Deflect	3.0 V
-----------	-------	------------	-------	---------	-------

US EPA Tune Check Report

Extract 2	-140.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-65 V	Cell Exit	-60 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	3.9 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	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		
EM					
Discriminator	3.1 mV	Analog HV	2167 V	Pulse HV	1420 V

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 11:45:28	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.02	-0.15	0.14	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	-0.01	0.01	0.00	N/A	ppb
Barium	135-1	0.01	-0.01	0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.04	0.09	-0.06	0.00	N/A	ppb
Boron	11-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.06	0.04	-0.09	0.00	N/A	ppb
Cadmium	106-1	0.66	0.51	-1.17	0.00	N/A	ppb
Cadmium	108-1	0.01	-0.01	0.00	0.00	N/A	ppb
Calcium	43-1	0.61	-0.57	-0.03	0.00	N/A	ppb
Calcium	44-1	0.32	0.58	-0.90	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.02	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.02	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	-0.12	0.09	0.02	0.00	N/A	ppb
Iron	57-2	0.10	-0.05	-0.05	0.00	N/A	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 11:45:28	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.04	0.39	-0.43	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.07	-0.01	0.08	0.00	N/A	ppb
Manganese	55-2	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	94-1	-0.01	0.03	-0.02	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.00	0.02	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.00	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	-0.01	0.01	0.00	N/A	ppb
Phosphorus	31-2	-5.45	-8.72	-10.71	-8.29		ppb
Potassium	39-2	-0.66	-0.16	0.82	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.49	-0.55	0.06	0.00	N/A	ppb
Selenium	77-2	0.18	0.00	-0.18	0.00	N/A	ppb
Selenium	78-2	-0.42	0.25	0.17	0.00	N/A	ppb
Silicon	28-1	0.17	0.06	-0.24	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	0.01	0.09	-0.10	0.00	N/A	ppb
Strontium	86-1	0.01	0.13	-0.14	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	66.04	89.39	-183.52	-9.36		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.02	0.00	-0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 11:45:28	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	0.02	-0.01	-0.01	0.00	N/A	ppb
Titanium	47-1	-0.01	0.01	0.00	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.03	-0.04	0.06	0.00	N/A	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	N/A	ppb
Zirconium	91-1	0.01	-0.01	0.00	0.00	N/A	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 11:48:22	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.14	20.39	19.45	19.66	3.31	ppb
Antimony	121-1	1.93	1.98	1.91	1.94	1.67	ppb
Arsenic	75-2	1.07	1.09	1.01	1.06	3.72	ppb
Barium	135-1	9.30	9.88	9.09	9.42	4.35	ppb
Barium	137-1	9.64	9.60	9.20	9.48	2.54	ppb
Beryllium	9-1	1.01	1.11	1.07	1.06	4.90	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	13.67	14.63	15.75	14.68	7.09	ppb
Boron	11-1	13.81	14.81	15.33	14.65	5.26	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.17	1.22	1.10	1.16	5.30	ppb
Cadmium	106-1	2.61	2.56	1.61	2.26	24.80	ppb
Cadmium	108-1	1.24	1.09	1.13	1.16	6.57	ppb
Calcium	43-1	482.98	501.32	521.20	501.83	3.81	ppb
Calcium	44-1	499.21	493.62	499.78	497.54	0.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.91	1.85	1.90	1.89	1.66	ppb
Cobalt	59-2	0.96	0.98	1.01	0.99	2.55	ppb
Copper	63-2	2.07	2.03	2.00	2.03	1.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	51.51	51.23	51.04	51.26	0.47	ppb
Iron	57-2	52.16	51.21	52.09	51.82	1.03	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 11:48:22	DataFile Name :	004CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	55.22	52.03	50.62	52.63	4.48	ppb
Krypton	83-1						cps
Lead	206-1	0.84	0.89	0.88	0.87	2.78	ppb
Lead	207-1	0.92	0.84	0.86	0.88	4.75	ppb
Lead	208-1	0.89	0.88	0.88	0.88	0.88	ppb
Lithium	6-1				100		%
Magnesium	24-2	514.91	506.62	504.19	508.57	1.10	ppb
Manganese	55-2	1.00	0.99	1.05	1.02	3.19	ppb
Molybdenum	94-1	5.61	5.64	5.88	5.71	2.55	ppb
Molybdenum	95-1	5.05	4.89	5.10	5.01	2.24	ppb
Molybdenum	96-1	5.01	5.04	5.01	5.02	0.39	ppb
Molybdenum	97-1	4.86	4.91	4.84	4.87	0.82	ppb
Molybdenum	98-1	4.87	4.87	4.84	4.86	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	1.02	1.09	1.05	3.38	ppb
Phosphorus	31-2	0.55	15.15	9.18	8.29	88.51	ppb
Potassium	39-2	508.97	504.19	505.96	506.38	0.48	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	6.32	5.40	5.43	5.72	9.08	ppb
Selenium	77-2	5.78	4.27	4.70	4.92	15.82	ppb
Selenium	78-2	4.51	5.21	4.42	4.71	9.11	ppb
Silicon	28-1	1.19	1.16	1.25	1.20	3.84	ppb
Silver	107-1	0.75	0.90	0.98	0.88	13.78	ppb
Silver	109-1	0.77	0.89	0.97	0.88	11.43	ppb
Sodium	23-2	494.29	489.51	487.59	490.46	0.70	ppb
Strontium	86-1	0.87	0.84	0.98	0.89	8.05	ppb
Strontium	88-1	0.93	0.94	0.96	0.94	1.72	ppb
Sulfur	34-1	-70.58	-32.63	131.29	9.36	1146.05	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.85	0.87	0.85	0.86	1.40	ppb
Thallium	205-1	0.90	0.91	0.92	0.91	0.89	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 11:48:22	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.80	0.80	0.77	0.79	2.60	ppb
Tin	118-1	4.69	5.00	4.83	4.84	3.12	ppb
Titanium	47-1	4.66	4.91	4.91	4.83	3.03	ppb
Uranium	238-1	0.84	0.83	0.80	0.82	2.60	ppb
Vanadium	51-2	5.02	4.78	4.84	4.88	2.53	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	2.15	2.15	2.21	2.17	1.59	ppb
Zirconium	90-1	0.93	0.92	0.92	0.93	0.77	ppb
Zirconium	91-1	0.98	0.99	0.89	0.96	5.52	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 11:51:14	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1024.65	1042.52	1024.62	1030.60	1.00	ppb
Antimony	121-1	50.49	50.36	48.44	49.76	2.31	ppb
Arsenic	75-2	52.55	52.99	52.00	52.51	0.94	ppb
Barium	135-1	249.21	247.07	241.49	245.92	1.62	ppb
Barium	137-1	249.01	247.12	241.42	245.85	1.61	ppb
Beryllium	9-1	50.94	52.14	50.96	51.34	1.34	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	46.65	51.43	49.56	49.21	4.89	ppb
Boron	11-1	48.00	53.04	50.14	50.39	5.01	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	53.08	52.88	51.73	52.56	1.38	ppb
Cadmium	106-1	55.67	54.25	51.92	53.95	3.50	ppb
Cadmium	108-1	54.70	53.36	51.27	53.11	3.25	ppb
Calcium	43-1	5293.44	5406.10	5166.01	5288.52	2.27	ppb
Calcium	44-1	5109.96	5065.35	4827.82	5001.04	3.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.90	50.83	51.18	50.97	0.36	ppb
Cobalt	59-2	51.13	51.85	51.28	51.42	0.74	ppb
Copper	63-2	533.84	533.14	533.57	533.52	0.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	2617.27	2630.49	2585.38	2611.05	0.89	ppb
Iron	57-2	2606.60	2657.76	2625.96	2630.11	0.98	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 11:51:14	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2732.22	2702.59	2698.92	2711.24	0.67	ppb
Krypton	83-1						cps
Lead	206-1	248.07	252.13	238.96	246.39	2.74	ppb
Lead	207-1	221.55	223.46	239.15	228.05	4.24	ppb
Lead	208-1	242.92	245.20	238.90	242.34	1.32	ppb
Lithium	6-1				103		%
Magnesium	24-2	5320.66	5471.64	5273.23	5355.17	1.93	ppb
Manganese	55-2	504.46	515.64	506.80	508.97	1.16	ppb
Molybdenum	94-1	500.95	502.05	485.25	496.08	1.89	ppb
Molybdenum	95-1	497.98	507.66	486.40	497.35	2.14	ppb
Molybdenum	96-1	515.80	505.74	488.14	503.23	2.78	ppb
Molybdenum	97-1	503.75	493.82	483.90	493.82	2.01	ppb
Molybdenum	98-1	510.44	502.44	484.63	499.17	2.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.04	52.40	52.39	52.28	0.40	ppb
Phosphorus	31-2	1014.93	1064.99	1011.40	1030.44	2.91	ppb
Potassium	39-2	2543.40	2575.96	2554.01	2557.79	0.65	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	52.42	51.49	50.54	51.48	1.83	ppb
Selenium	77-2	52.46	55.26	49.60	52.44	5.39	ppb
Selenium	78-2	52.07	49.59	53.75	51.80	4.05	ppb
Silicon	28-1	56.34	55.98	53.11	55.14	3.21	ppb
Silver	107-1	52.84	53.16	51.52	52.51	1.65	ppb
Silver	109-1	52.74	53.20	51.94	52.63	1.22	ppb
Sodium	23-2	5233.56	5221.91	5232.76	5229.41	0.12	ppb
Strontium	86-1	48.80	49.27	46.49	48.19	3.09	ppb
Strontium	88-1	50.82	51.04	48.59	50.15	2.70	ppb
Sulfur	34-1	1060.05	1060.17	740.94	953.72	19.32	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	47.07	47.23	44.93	46.41	2.77	ppb
Thallium	205-1	46.99	47.38	44.72	46.37	3.10	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 11:51:14	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	41.53	41.81	39.64	40.99	2.89	ppb
Tin	118-1	50.77	51.58	49.04	50.47	2.57	ppb
Titanium	47-1	506.25	505.53	475.72	495.84	3.51	ppb
Uranium	238-1	41.98	42.02	40.87	41.62	1.56	ppb
Vanadium	51-2	49.77	50.66	49.67	50.03	1.09	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	511.79	525.11	517.70	518.20	1.29	ppb
Zirconium	90-1	48.70	49.76	47.35	48.60	2.49	ppb
Zirconium	91-1	48.89	49.98	47.45	48.77	2.60	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 11:54:01	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2529.29	2571.71	2559.75	2553.58	0.86	ppb
Antimony	121-1	123.17	125.16	125.41	124.58	0.98	ppb
Arsenic	75-2	131.75	127.13	130.04	129.64	1.80	ppb
Barium	135-1	637.34	622.02	620.89	626.75	1.47	ppb
Barium	137-1	632.08	633.98	646.01	637.36	1.18	ppb
Beryllium	9-1	126.03	131.82	130.82	129.56	2.39	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	122.48	130.90	134.09	129.16	4.65	ppb
Boron	11-1	122.55	131.27	132.95	128.92	4.33	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	129.31	130.55	132.45	130.77	1.21	ppb
Cadmium	106-1	128.55	135.03	130.31	131.30	2.55	ppb
Cadmium	108-1	131.96	131.95	134.55	132.82	1.13	ppb
Calcium	43-1	13068.39	13077.68	13127.21	13091.09	0.24	ppb
Calcium	44-1	12165.31	12285.58	12295.54	12248.81	0.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	125.32	127.27	125.36	125.99	0.89	ppb
Cobalt	59-2	126.90	126.88	126.46	126.75	0.19	ppb
Copper	63-2	1300.55	1320.08	1320.10	1313.57	0.86	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				101		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	6548.17	6597.19	6521.85	6555.74	0.58	ppb
Iron	57-2	6452.54	6582.31	6476.51	6503.79	1.06	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 11:54:01	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	6500.00	6636.30	6609.07	6581.79	1.10	ppb
Krypton	83-1						cps
Lead	206-1	620.71	613.84	626.01	620.19	0.98	ppb
Lead	207-1	621.98	619.64	618.97	620.20	0.25	ppb
Lead	208-1	619.48	615.87	622.09	619.15	0.50	ppb
Lithium	6-1				101		%
Magnesium	24-2	13206.00	13267.66	13510.30	13327.99	1.21	ppb
Manganese	55-2	1275.59	1290.25	1263.25	1276.36	1.06	ppb
Molybdenum	94-1	1236.98	1241.36	1245.73	1241.36	0.35	ppb
Molybdenum	95-1	1233.94	1242.64	1263.17	1246.59	1.20	ppb
Molybdenum	96-1	1242.04	1235.30	1266.17	1247.84	1.30	ppb
Molybdenum	97-1	1245.93	1248.55	1267.11	1253.86	0.92	ppb
Molybdenum	98-1	1247.00	1230.43	1264.95	1247.46	1.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	127.18	129.12	127.39	127.90	0.83	ppb
Phosphorus	31-2	2640.36	2574.55	2597.62	2604.18	1.28	ppb
Potassium	39-2	6323.91	6342.33	6233.09	6299.78	0.93	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	129.65	130.13	132.51	130.76	1.17	ppb
Selenium	77-2	127.60	131.55	137.63	132.26	3.82	ppb
Selenium	78-2	130.76	128.24	133.97	130.99	2.19	ppb
Silicon	28-1	139.32	137.84	139.46	138.87	0.65	ppb
Silver	107-1	133.04	133.27	131.33	132.55	0.80	ppb
Silver	109-1	132.39	131.06	134.45	132.63	1.29	ppb
Sodium	23-2	12888.11	13061.49	13022.46	12990.69	0.70	ppb
Strontium	86-1	120.20	121.12	124.23	121.85	1.73	ppb
Strontium	88-1	125.39	124.52	126.30	125.41	0.71	ppb
Sulfur	34-1	2623.18	2581.34	2624.18	2609.57	0.94	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	117.13	116.93	118.27	117.44	0.62	ppb
Thallium	205-1	123.69	123.40	125.24	124.11	0.80	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 11:54:01	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	118.08	119.46	119.66	119.07	0.72	ppb
Tin	118-1	123.21	125.49	126.44	125.05	1.33	ppb
Titanium	47-1	1252.07	1236.44	1257.37	1248.63	0.87	ppb
Uranium	238-1	119.91	118.70	119.93	119.51	0.59	ppb
Vanadium	51-2	124.61	125.64	124.32	124.86	0.55	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	1266.50	1278.49	1265.20	1270.07	0.58	ppb
Zirconium	90-1	123.84	126.58	123.14	124.52	1.46	ppb
Zirconium	91-1	121.93	122.25	124.80	122.99	1.28	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 11:56:46	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5144.51	4976.87	5099.55	5073.64	1.71	ppb
Antimony	121-1	249.19	257.88	257.91	254.99	1.97	ppb
Arsenic	75-2	253.50	258.40	260.53	257.48	1.40	ppb
Barium	135-1	1255.89	1263.39	1282.90	1267.39	1.10	ppb
Barium	137-1	1253.26	1265.07	1286.01	1268.11	1.31	ppb
Beryllium	9-1	263.10	262.19	254.92	260.07	1.72	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	250.68	267.17	259.44	259.09	3.18	ppb
Boron	11-1	250.55	268.39	262.63	260.52	3.50	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	253.35	260.16	258.08	257.20	1.36	ppb
Cadmium	106-1	257.08	267.32	257.69	260.69	2.20	ppb
Cadmium	108-1	261.07	268.86	264.55	264.83	1.47	ppb
Calcium	43-1	25839.18	25864.83	26476.15	26060.05	1.38	ppb
Calcium	44-1	24507.55	24312.62	24521.81	24447.33	0.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	249.18	248.61	248.30	248.70	0.18	ppb
Cobalt	59-2	258.50	256.53	252.06	255.70	1.29	ppb
Copper	63-2	2602.22	2604.38	2527.40	2578.00	1.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	13133.88	13011.00	12777.84	12974.24	1.39	ppb
Iron	57-2	13152.84	12994.25	12485.08	12877.39	2.71	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 11:56:46	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	13362.45	13104.42	13103.77	13190.22	1.13	ppb
Krypton	83-1						cps
Lead	206-1	1226.38	1242.49	1246.83	1238.57	0.87	ppb
Lead	207-1	1228.26	1243.82	1254.95	1242.34	1.08	ppb
Lead	208-1	1237.77	1248.85	1247.93	1244.85	0.49	ppb
Lithium	6-1				98		%
Magnesium	24-2	26377.76	26334.11	26497.50	26403.12	0.32	ppb
Manganese	55-2	2528.29	2520.39	2489.48	2512.72	0.82	ppb
Molybdenum	94-1	2446.59	2514.53	2482.30	2481.14	1.37	ppb
Molybdenum	95-1	2487.96	2509.65	2496.49	2498.03	0.44	ppb
Molybdenum	96-1	2483.16	2512.97	2505.78	2500.64	0.62	ppb
Molybdenum	97-1	2450.02	2510.48	2507.93	2489.48	1.37	ppb
Molybdenum	98-1	2475.42	2506.15	2503.68	2495.08	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	250.65	249.37	246.53	248.85	0.85	ppb
Phosphorus	31-2	5262.24	5162.95	5017.31	5147.50	2.39	ppb
Potassium	39-2	12650.53	12481.67	12298.49	12476.90	1.41	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	252.98	260.33	257.94	257.08	1.46	ppb
Selenium	77-2	256.27	257.46	268.80	260.85	2.65	ppb
Selenium	78-2	254.28	261.74	258.09	258.04	1.44	ppb
Silicon	28-1	264.03	265.84	269.33	266.40	1.01	ppb
Silver	107-1	256.24	267.30	263.99	262.51	2.16	ppb
Silver	109-1	262.56	270.12	264.23	265.64	1.50	ppb
Sodium	23-2	25821.85	25590.46	26022.02	25811.44	0.84	ppb
Strontium	86-1	237.94	241.62	243.53	241.03	1.18	ppb
Strontium	88-1	244.62	247.59	250.10	247.44	1.11	ppb
Sulfur	34-1	4771.40	4827.75	5052.66	4883.94	3.05	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	246.10	247.57	249.96	247.88	0.79	ppb
Thallium	205-1	249.98	246.80	248.08	248.29	0.64	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 11:56:46	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	240.70	243.77	241.69	242.05	0.65	ppb
Tin	118-1	254.77	257.67	257.07	256.50	0.60	ppb
Titanium	47-1	2523.72	2512.58	2509.36	2515.22	0.30	ppb
Uranium	238-1	241.48	245.73	238.34	241.85	1.53	ppb
Vanadium	51-2	248.94	244.86	246.27	246.69	0.84	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	2567.10	2568.08	2505.36	2546.85	1.41	ppb
Zirconium	90-1	250.92	249.55	250.45	250.31	0.28	ppb
Zirconium	91-1	242.43	248.66	248.28	246.46	1.42	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 11:59:33	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10175.42	10208.33	10315.98	10233.24	0.72	ppb
Antimony	121-1	495.95	512.01	498.37	502.11	1.72	ppb
Arsenic	75-2	501.10	510.42	511.06	507.52	1.10	ppb
Barium	135-1	2513.00	2542.16	2489.84	2515.00	1.04	ppb
Barium	137-1	2500.02	2554.58	2508.04	2520.88	1.17	ppb
Beryllium	9-1	503.90	499.37	509.36	504.21	0.99	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	499.26	497.97	512.65	503.29	1.62	ppb
Boron	11-1	500.68	500.13	517.96	506.25	2.00	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	497.15	504.91	502.98	501.68	0.80	ppb
Cadmium	106-1	492.55	514.97	512.85	506.79	2.44	ppb
Cadmium	108-1	504.05	505.97	512.24	507.42	0.84	ppb
Calcium	43-1	49079.64	49569.76	49898.07	49515.82	0.83	ppb
Calcium	44-1	48768.69	49218.08	49283.23	49090.00	0.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	497.11	501.98	504.36	501.15	0.74	ppb
Cobalt	59-2	504.99	510.63	512.00	509.21	0.73	ppb
Copper	63-2	5036.71	5084.24	5051.01	5057.32	0.48	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				102		%
Holmium	165-2				101		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	25693.83	25793.63	25749.72	25745.73	0.19	ppb
Iron	57-2	25580.14	25483.36	25447.69	25503.73	0.27	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 11:59:33	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	26253.27	26007.43	26105.46	26122.05	0.47	ppb
Krypton	83-1						cps
Lead	206-1	2473.68	2483.58	2497.63	2484.96	0.48	ppb
Lead	207-1	2466.39	2510.22	2495.38	2490.66	0.90	ppb
Lead	208-1	2476.55	2501.13	2490.47	2489.38	0.50	ppb
Lithium	6-1				98		%
Magnesium	24-2	52286.36	53113.34	52462.24	52620.64	0.83	ppb
Manganese	55-2	5036.55	4989.33	5031.16	5019.02	0.51	ppb
Molybdenum	94-1	5020.45	4985.62	5016.99	5007.69	0.38	ppb
Molybdenum	95-1	5059.34	4974.33	4996.86	5010.18	0.88	ppb
Molybdenum	96-1	5016.80	4959.20	4976.90	4984.30	0.59	ppb
Molybdenum	97-1	5028.28	4963.46	4933.35	4975.03	0.98	ppb
Molybdenum	98-1	5051.63	4874.31	4937.85	4954.60	1.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	489.23	490.13	489.49	489.62	0.09	ppb
Phosphorus	31-2	10140.21	10182.52	10206.38	10176.37	0.33	ppb
Potassium	39-2	24878.67	24953.24	24916.71	24916.21	0.15	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	82-1	512.80	501.43	509.51	507.92	1.15	ppb
Selenium	77-2	511.13	515.47	517.11	514.57	0.60	ppb
Selenium	78-2	509.22	507.71	513.82	510.25	0.62	ppb
Silicon	28-1	528.24	517.90	518.96	521.70	1.09	ppb
Silver	107-1	500.58	507.60	510.53	506.24	1.01	ppb
Silver	109-1	507.77	510.88	515.23	511.29	0.73	ppb
Sodium	23-2	51680.18	52792.13	51927.60	52133.30	1.12	ppb
Strontium	86-1	491.88	489.33	492.04	491.08	0.31	ppb
Strontium	88-1	497.56	493.94	500.89	497.46	0.70	ppb
Sulfur	34-1	9774.08	9471.06	9340.38	9528.51	2.33	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	490.03	504.39	501.29	498.57	1.52	ppb
Thallium	205-1	487.99	498.34	497.38	494.57	1.16	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 11:59:33	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	497.00	498.27	502.16	499.14	0.54	ppb
Tin	118-1	502.76	513.08	503.72	506.52	1.12	ppb
Titanium	47-1	5073.00	5019.78	5069.23	5054.00	0.59	ppb
Uranium	238-1	491.46	501.48	507.77	500.24	1.64	ppb
Vanadium	51-2	501.24	494.56	497.62	497.81	0.67	ppb
Yttrium	89-1				97		%
Yttrium	89-2				95		%
Zinc	66-2	5074.96	5076.24	5019.94	5057.05	0.64	ppb
Zirconium	90-1	499.52	500.57	499.75	499.95	0.11	ppb
Zirconium	91-1	499.33	505.04	502.21	502.19	0.57	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 12:02:18	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19955.25	19812.09	19992.92	19920.09	0.48	ppb
Antimony	121-1	977.69	1014.25	1001.35	997.76	1.86	ppb
Arsenic	75-2	988.27	1005.54	987.19	993.66	1.04	ppb
Barium	135-1	4892.96	5004.04	5067.41	4988.14	1.77	ppb
Barium	137-1	4883.94	5034.67	5032.48	4983.70	1.73	ppb
Beryllium	9-1	998.59	990.36	995.28	994.74	0.42	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	971.06	1004.12	1012.40	995.86	2.20	ppb
Boron	11-1	984.12	990.81	1007.05	993.99	1.19	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	977.49	1019.89	992.16	996.51	2.16	ppb
Cadmium	106-1	973.21	1011.06	994.56	992.95	1.91	ppb
Cadmium	108-1	977.45	1003.21	993.69	991.45	1.31	ppb
Calcium	43-1	97170.46	98981.57	98065.93	98072.65	0.92	ppb
Calcium	44-1	98375.78	98455.00	98030.58	98287.12	0.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1006.65	995.05	997.04	999.58	0.62	ppb
Cobalt	59-2	998.04	980.67	1002.34	993.68	1.15	ppb
Copper	63-2	9915.28	9861.92	10049.45	9942.22	0.97	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				94		%
Indium	115-2				94		%
Iron	56-2	50518.92	51294.75	51555.48	51123.05	1.05	ppb
Iron	57-2	51187.40	49639.24	51388.00	50738.21	1.89	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 12:02:18	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	52113.55	52351.10	51980.69	52148.45	0.36	ppb
Krypton	83-1						cps
Lead	206-1	4999.32	5008.18	5025.98	5011.16	0.27	ppb
Lead	207-1	4945.09	5085.66	4994.10	5008.28	1.42	ppb
Lead	208-1	4964.23	5032.34	5026.56	5007.71	0.75	ppb
Lithium	6-1				96		%
Magnesium	24-2	103128.09	102624.84	103300.00	103017.65	0.34	ppb
Manganese	55-2	9890.82	10024.37	10035.51	9983.57	0.81	ppb
Molybdenum	94-1	9888.36	9999.56	10118.51	10002.15	1.15	ppb
Molybdenum	95-1	9886.15	10085.54	10016.19	9995.96	1.01	ppb
Molybdenum	96-1	9847.54	10068.57	10107.29	10007.80	1.40	ppb
Molybdenum	97-1	9885.78	10020.03	10139.01	10014.94	1.27	ppb
Molybdenum	98-1	9884.25	10100.33	10088.29	10024.29	1.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1003.93	999.08	1012.00	1005.00	0.65	ppb
Phosphorus	31-2	19854.83	20010.19	19716.17	19860.40	0.74	ppb
Potassium	39-2	49813.97	49103.36	49510.32	49475.89	0.72	ppb
Rhodium	103-1				92		%
Rhodium	103-2				93		%
Scandium	45-1				94		%
Scandium	45-2				95		%
Selenium	82-1	978.06	1005.35	997.01	993.47	1.41	ppb
Selenium	77-2	987.75	985.39	993.79	988.97	0.44	ppb
Selenium	78-2	997.19	986.71	992.19	992.03	0.53	ppb
Silicon	28-1	985.68	980.78	982.99	983.15	0.25	ppb
Silver	107-1	973.55	1015.51	989.00	992.69	2.14	ppb
Silver	109-1	971.73	1000.71	995.64	989.36	1.56	ppb
Sodium	23-2	101846.76	100796.90	101874.28	101505.98	0.61	ppb
Strontium	86-1	997.64	1022.87	1001.05	1007.19	1.36	ppb
Strontium	88-1	988.77	1024.42	992.36	1001.85	1.96	ppb
Sulfur	34-1	20734.61	20108.95	19916.58	20253.38	2.11	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	1005.72	1000.35	1001.04	1002.37	0.29	ppb
Thallium	205-1	1000.64	994.12	1015.55	1003.44	1.09	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 12:02:18	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	996.89	1010.20	1003.73	1003.61	0.66	ppb
Tin	118-1	975.15	1016.07	994.03	995.09	2.06	ppb
Titanium	47-1	9909.91	9971.67	10027.14	9969.57	0.59	ppb
Uranium	238-1	991.74	1016.34	1000.99	1003.02	1.24	ppb
Vanadium	51-2	1019.31	990.47	996.04	1001.94	1.53	ppb
Yttrium	89-1				97		%
Yttrium	89-2				98		%
Zinc	66-2	9970.85	9856.55	10041.64	9956.35	0.94	ppb
Zirconium	90-1	993.79	999.04	1007.41	1000.08	0.69	ppb
Zirconium	91-1	981.64	1011.56	1007.10	1000.10	1.61	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 12:05:05	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100021.93	99381.99	100558.07	99987.33	0.59	ppb
Antimony	121-1	0.79	0.72	0.76	0.76	4.74	ppb
Arsenic	75-2	0.64	0.53	0.43	0.53	19.83	ppb
Barium	135-1	2.94	2.88	2.90	2.91	1.04	ppb
Barium	137-1	3.02	2.97	2.98	2.99	0.93	ppb
Beryllium	9-1	0.21	0.24	0.21	0.22	5.64	ppb
Bismuth	209-1				89		%
Bismuth	209-2				87		%
Boron	10-1	33.59	30.34	28.61	30.85	8.20	ppb
Boron	11-1	33.59	31.18	28.69	31.15	7.86	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.37	0.41	0.42	0.40	6.70	ppb
Cadmium	106-1	-0.10	0.77	0.66	0.44	107.23	ppb
Cadmium	108-1	0.45	0.65	0.55	0.55	17.87	ppb
Calcium	43-1	490655.12	509872.35	500562.19	500363.22	1.92	ppb
Calcium	44-1	495399.26	504059.27	501943.91	500467.48	0.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.10	8.97	8.97	9.01	0.84	ppb
Cobalt	59-2	2.83	2.92	2.89	2.88	1.60	ppb
Copper	63-2	4.17	4.11	4.00	4.09	2.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				92		%
Indium	115-2				95		%
Iron	56-2	249203.06	251077.80	248724.19	249668.35	0.50	ppb
Iron	57-2	248887.04	248951.61	251487.75	249775.47	0.59	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 12:05:05	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	250286.78	250854.39	247098.38	249413.19	0.81	ppb
Krypton	83-1						cps
Lead	206-1	1.74	1.73	1.72	1.73	0.67	ppb
Lead	207-1	1.62	1.74	1.65	1.67	3.55	ppb
Lead	208-1	1.67	1.70	1.67	1.68	1.04	ppb
Lithium	6-1				88		%
Magnesium	24-2	494059.89	503798.98	499261.11	499039.99	0.98	ppb
Manganese	55-2	7.64	7.51	7.28	7.48	2.47	ppb
Molybdenum	94-1	4.02	3.68	3.75	3.82	4.67	ppb
Molybdenum	95-1	3.42	3.40	3.39	3.40	0.44	ppb
Molybdenum	96-1	4.33	4.55	4.26	4.38	3.42	ppb
Molybdenum	97-1	3.31	3.37	3.26	3.31	1.58	ppb
Molybdenum	98-1	3.44	3.30	3.23	3.32	3.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.70	8.79	8.47	8.65	1.93	ppb
Phosphorus	31-2	3.29	-4.35	1.01	-0.02		ppb
Potassium	39-2	249878.26	252273.05	248186.26	250112.52	0.82	ppb
Rhodium	103-1				88		%
Rhodium	103-2				88		%
Scandium	45-1				96		%
Scandium	45-2				99		%
Selenium	82-1	-0.51	1.64	1.31	0.82	141.82	ppb
Selenium	77-2	0.36	0.00	0.00	0.12	172.40	ppb
Selenium	78-2	1.34	0.25	0.67	0.75	72.61	ppb
Silicon	28-1	5.99	6.50	6.38	6.29	4.30	ppb
Silver	107-1	0.39	0.44	0.37	0.40	8.24	ppb
Silver	109-1	0.41	0.41	0.39	0.41	2.85	ppb
Sodium	23-2	501084.64	502680.36	494526.04	499430.35	0.87	ppb
Strontium	86-1	6.56	6.77	6.94	6.76	2.78	ppb
Strontium	88-1	6.78	6.72	6.81	6.77	0.67	ppb
Sulfur	34-1	-1103.32	-1118.46	-1158.56	-1126.78		ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.49	0.50	0.53	0.51	3.86	ppb
Thallium	205-1	0.54	0.51	0.47	0.50	7.38	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 12:05:05	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.12	0.12	0.12	0.12	1.98	ppb
Tin	118-1	3.08	3.22	3.37	3.22	4.42	ppb
Titanium	47-1	1.90	2.06	2.04	2.00	4.23	ppb
Uranium	238-1	0.16	0.14	0.15	0.15	7.14	ppb
Vanadium	51-2	0.27	0.25	0.25	0.26	4.73	ppb
Yttrium	89-1				98		%
Yttrium	89-2				101		%
Zinc	66-2	28.37	28.52	28.34	28.41	0.33	ppb
Zirconium	90-1	0.53	0.53	0.51	0.52	1.55	ppb
Zirconium	91-1	0.52	0.44	0.58	0.51	13.91	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	ICV18	Instrumnet Name :	P7
Client Sample ID :	ICV18	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 12:35:36	DataFile Name :	011ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	494.62	499.26	493.91	495.93	0.59	ppb
Antimony	121-1	200.32	203.22	200.36	201.30	0.83	ppb
Arsenic	75-2	200.02	207.41	202.46	203.30	1.85	ppb
Barium	135-1	96.92	97.34	97.47	97.24	0.30	ppb
Barium	137-1	96.38	96.38	98.63	97.13	1.33	ppb
Beryllium	9-1	98.82	98.95	98.07	98.61	0.48	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	10-1	465.80	486.53	491.26	481.20	2.81	ppb
Boron	11-1	472.68	492.95	490.69	485.44	2.29	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	109.06	108.51	110.27	109.28	0.83	ppb
Cadmium	106-1	182.00	183.78	189.62	185.13	2.15	ppb
Cadmium	108-1	178.36	180.27	177.26	178.63	0.85	ppb
Calcium	43-1	2260.70	2320.76	2382.70	2321.39	2.63	ppb
Calcium	44-1	2050.94	2094.07	2144.12	2096.38	2.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	98.34	98.62	98.00	98.32	0.31	ppb
Cobalt	59-2	98.04	98.81	98.71	98.52	0.42	ppb
Copper	63-2	96.11	97.14	96.36	96.54	0.56	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				107		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	56-2	1994.88	1986.06	1969.38	1983.44	0.65	ppb
Iron	57-2	1955.94	1974.60	1949.11	1959.88	0.67	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	ICV18	Instrumnet Name :	P7
Client Sample ID :	ICV18	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 12:35:36	DataFile Name :	011ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2075.39	2075.08	2078.19	2076.22	0.08	ppb
Krypton	83-1						cps
Lead	206-1	182.21	186.18	187.83	185.41	1.56	ppb
Lead	207-1	170.70	173.25	171.72	171.89	0.75	ppb
Lead	208-1	187.35	191.18	191.11	189.88	1.15	ppb
Lithium	6-1				104		%
Magnesium	24-2	1163.70	1147.16	1134.08	1148.31	1.29	ppb
Manganese	55-2	96.04	96.09	95.88	96.00	0.12	ppb
Molybdenum	94-1	5017.62	5099.60	5136.21	5084.48	1.19	ppb
Molybdenum	95-1	5045.12	5060.14	5139.51	5081.59	1.00	ppb
Molybdenum	96-1	5069.63	5054.69	5109.60	5077.98	0.56	ppb
Molybdenum	97-1	5037.62	5056.22	5088.80	5060.88	0.51	ppb
Molybdenum	98-1	5000.42	4989.72	5098.76	5029.63	1.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.41	105.38	105.02	105.27	0.21	ppb
Phosphorus	31-2	-19.81	-7.19	-14.23	-13.74		ppb
Potassium	39-2	1887.04	1900.21	1907.41	1898.22	0.54	ppb
Rhodium	103-1				110		%
Rhodium	103-2				105		%
Scandium	45-1				110		%
Scandium	45-2				107		%
Selenium	82-1	201.71	203.25	208.01	204.32	1.61	ppb
Selenium	77-2	206.76	215.37	215.65	212.59	2.38	ppb
Selenium	78-2	206.74	208.40	205.15	206.76	0.79	ppb
Silicon	28-1	73.12	75.11	77.19	75.14	2.70	ppb
Silver	107-1	50.29	51.50	50.72	50.84	1.20	ppb
Silver	109-1	50.58	50.54	50.79	50.64	0.26	ppb
Sodium	23-2	1990.71	2005.81	1965.61	1987.38	1.02	ppb
Strontium	86-1	515.57	511.04	537.82	521.48	2.75	ppb
Strontium	88-1	512.63	521.46	527.39	520.49	1.43	ppb
Sulfur	34-1	-726.69	-756.22	-724.64	-735.85		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	199.94	204.43	201.78	202.05	1.12	ppb
Thallium	205-1	199.75	204.07	201.50	201.77	1.08	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	ICV18	Instrumnet Name :	P7
Client Sample ID :	ICV18	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 12:35:36	DataFile Name :	011ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	11.61	ppb
Tin	118-1	542.89	547.11	549.96	546.65	0.65	ppb
Titanium	47-1	4868.46	4901.13	4968.65	4912.74	1.04	ppb
Uranium	238-1	473.94	488.29	487.06	483.10	1.65	ppb
Vanadium	51-2	93.65	94.86	93.80	94.11	0.70	ppb
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	191.75	192.09	191.03	191.62	0.28	ppb
Zirconium	90-1	496.83	509.11	509.26	505.07	1.41	ppb
Zirconium	91-1	496.94	510.90	508.95	505.60	1.50	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 12:55:13	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.49	21.09	21.17	21.25	0.99	ppb
Antimony	121-1	2.02	1.93	1.96	1.97	2.35	ppb
Arsenic	75-2	1.03	1.10	1.01	1.05	4.63	ppb
Barium	135-1	9.97	9.60	9.84	9.80	1.93	ppb
Barium	137-1	9.61	9.38	9.60	9.53	1.40	ppb
Beryllium	9-1	1.00	1.03	1.08	1.04	4.18	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Boron	10-1	24.81	24.78	26.68	25.42	4.29	ppb
Boron	11-1	25.08	25.56	26.50	25.71	2.81	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.97	1.15	1.08	1.07	8.70	ppb
Cadmium	106-1	0.46	1.69	0.91	1.02	60.91	ppb
Cadmium	108-1	1.13	0.76	1.04	0.98	20.14	ppb
Calcium	43-1	514.78	489.21	502.57	502.19	2.55	ppb
Calcium	44-1	510.03	500.60	502.32	504.32	1.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.96	1.90	1.91	1.92	1.62	ppb
Cobalt	59-2	1.03	0.99	1.00	1.00	1.96	ppb
Copper	63-2	2.00	2.03	2.02	2.01	0.86	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				108		%
Indium	115-1				109		%
Indium	115-2				112		%
Iron	56-2	50.50	50.80	50.34	50.55	0.47	ppb
Iron	57-2	50.20	50.33	49.61	50.05	0.77	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 12:55:13	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	53.77	55.41	51.68	53.62	3.48	ppb
Krypton	83-1						cps
Lead	206-1	0.91	0.89	0.86	0.89	2.60	ppb
Lead	207-1	0.96	0.83	0.87	0.89	7.84	ppb
Lead	208-1	0.92	0.86	0.88	0.89	3.06	ppb
Lithium	6-1				102		%
Magnesium	24-2	500.98	497.67	490.58	496.41	1.07	ppb
Manganese	55-2	1.01	1.01	1.02	1.01	0.88	ppb
Molybdenum	94-1	5.63	5.73	5.51	5.62	1.97	ppb
Molybdenum	95-1	4.89	4.89	4.90	4.89	0.17	ppb
Molybdenum	96-1	4.98	4.92	4.95	4.95	0.64	ppb
Molybdenum	97-1	4.87	4.83	4.90	4.86	0.71	ppb
Molybdenum	98-1	4.96	4.75	4.81	4.84	2.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	1.03	0.99	1.02	2.56	ppb
Phosphorus	31-2	3.13	14.49	11.21	9.61	60.87	ppb
Potassium	39-2	499.91	513.83	498.47	504.07	1.68	ppb
Rhodium	103-1				111		%
Rhodium	103-2				110		%
Scandium	45-1				112		%
Scandium	45-2				111		%
Selenium	82-1	4.79	5.42	6.18	5.46	12.76	ppb
Selenium	77-2	6.44	3.24	4.17	4.62	35.60	ppb
Selenium	78-2	5.18	5.73	5.33	5.42	5.23	ppb
Silicon	28-1	1.65	1.36	1.43	1.48	10.37	ppb
Silver	107-1	0.91	1.00	1.04	0.98	6.52	ppb
Silver	109-1	0.93	1.03	1.04	1.00	5.90	ppb
Sodium	23-2	487.92	489.52	484.45	487.30	0.53	ppb
Strontium	86-1	1.21	1.23	1.26	1.23	2.13	ppb
Strontium	88-1	0.97	0.94	0.95	0.95	1.39	ppb
Sulfur	34-1	-368.12	-499.41	-431.91	-433.15		ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	0.87	0.83	0.88	0.86	3.24	ppb
Thallium	205-1	0.88	0.86	0.89	0.88	1.36	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 12:55:13	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.79	0.76	0.79	0.78	2.15	ppb
Tin	118-1	4.75	4.88	5.00	4.88	2.57	ppb
Titanium	47-1	5.29	4.78	4.78	4.95	5.96	ppb
Uranium	238-1	1.06	1.01	1.01	1.03	2.80	ppb
Vanadium	51-2	4.82	4.73	4.73	4.76	1.10	ppb
Yttrium	89-1				112		%
Yttrium	89-2				112		%
Zinc	66-2	2.23	2.42	2.45	2.37	5.06	ppb
Zirconium	90-1	0.94	0.93	0.96	0.94	1.63	ppb
Zirconium	91-1	0.96	0.94	0.97	0.96	1.84	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	ICB18	Instrumnet Name :	P7
Client Sample ID :	ICB18	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:00:32	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.40	0.28	0.11	0.26	54.36	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	0.47	ppb
Arsenic	75-2	-0.02	-0.02	-0.01	-0.02		ppb
Barium	135-1	0.03	0.03	0.00	0.02	71.41	ppb
Barium	137-1	0.01	0.00	0.00	0.00	59.74	ppb
Beryllium	9-1	0.00	0.01	0.01	0.01	57.82	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	10-1	1.35	1.13	1.05	1.18	13.19	ppb
Boron	11-1	1.18	0.99	1.07	1.08	9.03	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.13	-0.06	-0.15	-0.12		ppb
Cadmium	106-1	-1.94	-0.86	-1.95	-1.58		ppb
Cadmium	108-1	-0.03	-0.01	0.08	0.01	535.63	ppb
Calcium	43-1	1.37	0.93	3.02	1.77	62.10	ppb
Calcium	44-1	5.55	5.00	4.63	5.06	9.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.04	-0.01	0.00	-0.01		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.00	-0.01	0.00	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				111		%
Iron	56-2	0.09	-0.09	-0.07	-0.02		ppb
Iron	57-2	0.01	0.04	-0.31	-0.09		ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	ICB18	Instrumnet Name :	P7
Client Sample ID :	ICB18	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:00:32	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.50	-0.41	-0.95	-0.28		ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.03	0.02	0.02	14.50	ppb
Lead	207-1	0.03	0.03	0.04	0.03	20.73	ppb
Lead	208-1	0.02	0.02	0.03	0.03	25.55	ppb
Lithium	6-1				104		%
Magnesium	24-2	0.24	0.02	0.00	0.09	154.19	ppb
Manganese	55-2	-0.03	-0.04	-0.04	-0.04		ppb
Molybdenum	94-1	-0.02	0.00	0.01	-0.01		ppb
Molybdenum	95-1	0.00	0.00	0.01	0.00	111.61	ppb
Molybdenum	96-1	0.02	0.01	0.01	0.02	29.21	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	98-1	0.00	0.01	0.01	0.01	119.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.03	0.00	0.01	103.87	ppb
Phosphorus	31-2	-14.32	-12.29	-14.80	-13.80		ppb
Potassium	39-2	-0.50	0.29	0.44	0.08	643.42	ppb
Rhodium	103-1				111		%
Rhodium	103-2				110		%
Scandium	45-1				113		%
Scandium	45-2				110		%
Selenium	82-1	-0.42	1.20	0.57	0.45	181.80	ppb
Selenium	77-2	-0.18	-0.18	-0.01	-0.12		ppb
Selenium	78-2	0.05	0.11	0.03	0.06	66.61	ppb
Silicon	28-1	0.47	0.38	0.52	0.46	15.75	ppb
Silver	107-1	0.02	0.01	0.01	0.01	27.48	ppb
Silver	109-1	0.01	0.01	0.02	0.01	15.83	ppb
Sodium	23-2	4.96	4.30	4.16	4.47	9.55	ppb
Strontium	86-1	0.08	0.02	0.09	0.06	64.07	ppb
Strontium	88-1	0.00	0.00	0.01	0.01	41.82	ppb
Sulfur	34-1	-419.42	-413.65	-361.28	-398.12		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	-0.02	-0.01	-0.02	-0.02		ppb
Thallium	205-1	-0.01	0.00	-0.01	-0.01		ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	ICB18	Instrumnet Name :	P7
Client Sample ID :	ICB18	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:00:32	DataFile Name :	015CCBE.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	-0.12	-0.14	-0.12	-0.13		ppb
Titanium	47-1	-0.03	0.00	-0.04	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	11202.30	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	74.57	ppb
Yttrium	89-1				111		%
Yttrium	89-2				110		%
Zinc	66-2	-0.05	-0.04	-0.12	-0.07		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.02	0.00	0.01	0.01	123.14	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	ICSA18	Instrumnet Name :	P7
Client Sample ID :	ICSA18	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:03:25	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97387.29	96392.08	98141.07	97306.81	0.90	ppb
Antimony	121-1	1.07	1.10	1.11	1.09	1.98	ppb
Arsenic	75-2	0.31	0.25	0.38	0.32	20.67	ppb
Barium	135-1	1.45	1.51	1.31	1.42	7.04	ppb
Barium	137-1	1.37	1.45	1.42	1.41	2.58	ppb
Beryllium	9-1	0.26	0.26	0.28	0.27	4.70	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	1.60	1.51	1.35	1.49	8.55	ppb
Boron	11-1	1.27	1.38	1.39	1.34	4.89	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.46	0.40	0.38	0.41	10.69	ppb
Cadmium	106-1	-0.21	-0.52	-1.84	-0.86		ppb
Cadmium	108-1	14.42	12.96	13.57	13.65	5.38	ppb
Calcium	43-1	94721.99	96696.34	96790.75	96069.70	1.22	ppb
Calcium	44-1	94543.36	96594.02	96128.90	95755.43	1.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.43	19.59	19.27	19.43	0.81	ppb
Cobalt	59-2	1.15	1.20	1.21	1.18	2.74	ppb
Copper	63-2	7.17	7.28	7.19	7.21	0.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	99287.63	102649.55	101103.23	101013.47	1.67	ppb
Iron	57-2	100151.89	99891.89	100811.18	100284.99	0.47	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	ICSA18	Instrumnet Name :	P7
Client Sample ID :	ICSA18	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:03:25	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	99608.27	102585.27	100892.22	101028.59	1.48	ppb
Krypton	83-1						cps
Lead	206-1	4.22	4.31	4.29	4.28	1.05	ppb
Lead	207-1	3.82	3.88	3.86	3.85	0.77	ppb
Lead	208-1	3.96	4.02	3.99	3.99	0.75	ppb
Lithium	6-1				96		%
Magnesium	24-2	98310.92	98006.18	98511.46	98276.18	0.26	ppb
Manganese	55-2	7.44	7.52	7.46	7.47	0.60	ppb
Molybdenum	94-1	1561.65	1572.26	1598.97	1577.63	1.22	ppb
Molybdenum	95-1	1901.51	1931.12	1972.23	1934.96	1.84	ppb
Molybdenum	96-1	1889.57	1907.89	1944.38	1913.95	1.46	ppb
Molybdenum	97-1	1911.32	1944.38	1930.26	1928.65	0.86	ppb
Molybdenum	98-1	1903.62	1931.44	1953.31	1929.46	1.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.24	5.33	5.22	5.26	1.11	ppb
Phosphorus	31-2	98306.39	97041.43	100189.12	98512.31	1.61	ppb
Potassium	39-2	96459.55	97470.62	97848.33	97259.50	0.74	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	82-1	0.88	-0.72	0.42	0.19	427.17	ppb
Selenium	77-2	-0.18	0.16	-0.01	-0.01		ppb
Selenium	78-2	-0.29	-0.27	0.73	0.06	1053.52	ppb
Silicon	28-1	2.55	2.59	2.66	2.60	2.25	ppb
Silver	107-1	0.09	0.06	0.06	0.07	28.45	ppb
Silver	109-1	0.09	0.06	0.07	0.07	22.35	ppb
Sodium	23-2	100557.33	100002.86	101175.88	100578.69	0.58	ppb
Strontium	86-1	31.71	32.46	33.16	32.45	2.23	ppb
Strontium	88-1	32.49	32.42	33.21	32.71	1.34	ppb
Sulfur	34-1	92222.23	93617.43	92383.39	92741.02	0.82	ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.12	0.17	0.17	0.15	20.98	ppb
Thallium	205-1	0.13	0.16	0.18	0.16	16.89	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	ICSA18	Instrumnet Name :	P7
Client Sample ID :	ICSA18	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:03:25	DataFile Name :	016ICSA.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	0.01	0.00	0.02	0.01	112.53	ppb
Titanium	47-1	1944.93	1981.88	1993.52	1973.44	1.29	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	2.81	ppb
Vanadium	51-2	0.17	0.14	0.13	0.15	13.19	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	13.40	13.68	13.18	13.42	1.88	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	54.79	ppb
Zirconium	91-1	0.01	0.01	0.02	0.01	40.97	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	ICSAB18	Instrumnet Name :	P7
Client Sample ID :	ICSAB18	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:06:14	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97393.96	95956.30	97002.95	96784.40	0.77	ppb
Antimony	121-1	20.39	20.45	20.33	20.39	0.29	ppb
Arsenic	75-2	19.96	19.71	20.50	20.06	2.00	ppb
Barium	135-1	20.35	20.46	20.79	20.53	1.11	ppb
Barium	137-1	20.54	20.87	20.24	20.55	1.52	ppb
Beryllium	9-1	20.44	20.30	21.24	20.66	2.47	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	33.79	34.03	36.28	34.70	3.97	ppb
Boron	11-1	34.59	35.23	37.92	35.91	4.92	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	20.45	20.21	20.06	20.24	0.96	ppb
Cadmium	106-1	24.58	24.74	22.29	23.87	5.76	ppb
Cadmium	108-1	33.41	35.84	33.63	34.29	3.93	ppb
Calcium	43-1	97162.28	98235.39	97983.27	97793.65	0.57	ppb
Calcium	44-1	97297.09	97980.03	97061.84	97446.32	0.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.42	38.36	38.62	38.47	0.35	ppb
Cobalt	59-2	20.50	20.57	20.48	20.52	0.22	ppb
Copper	63-2	25.79	25.62	25.77	25.73	0.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	101679.76	100635.72	99864.32	100726.60	0.90	ppb
Iron	57-2	100354.95	98157.60	99321.77	99278.10	1.11	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	ICSAB18	Instrumnet Name :	P7
Client Sample ID :	ICSAB18	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:06:14	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	100806.59	99195.61	101309.34	100437.18	1.10	ppb
Krypton	83-1						cps
Lead	206-1	22.58	22.76	22.91	22.75	0.73	ppb
Lead	207-1	20.73	21.43	21.04	21.07	1.68	ppb
Lead	208-1	21.56	21.95	21.71	21.74	0.91	ppb
Lithium	6-1				96		%
Magnesium	24-2	97384.91	96402.17	97932.01	97239.69	0.80	ppb
Manganese	55-2	26.67	26.68	26.55	26.63	0.26	ppb
Molybdenum	94-1	1726.05	1682.98	1724.54	1711.19	1.43	ppb
Molybdenum	95-1	1993.83	1952.76	1999.75	1982.11	1.29	ppb
Molybdenum	96-1	1952.04	1905.40	1963.53	1940.32	1.59	ppb
Molybdenum	97-1	1972.39	1940.73	1997.46	1970.20	1.44	ppb
Molybdenum	98-1	1990.86	1961.86	1986.35	1979.69	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.26	24.52	24.64	24.47	0.79	ppb
Phosphorus	31-2	98390.95	97476.49	97309.51	97725.65	0.60	ppb
Potassium	39-2	97785.10	97422.18	97282.17	97496.48	0.27	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	82-1	20.08	21.24	19.49	20.27	4.39	ppb
Selenium	77-2	20.81	20.52	15.83	19.05	14.68	ppb
Selenium	78-2	18.89	18.76	19.05	18.90	0.79	ppb
Silicon	28-1	10.81	11.01	11.66	11.16	4.00	ppb
Silver	107-1	18.70	18.96	18.72	18.79	0.76	ppb
Silver	109-1	18.83	18.98	18.85	18.88	0.42	ppb
Sodium	23-2	102260.21	99917.64	101171.19	101116.35	1.16	ppb
Strontium	86-1	85.11	83.76	85.22	84.70	0.96	ppb
Strontium	88-1	89.15	87.63	88.16	88.31	0.88	ppb
Sulfur	34-1	93575.77	93861.98	93707.15	93714.97	0.15	ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	18.71	19.33	19.45	19.16	2.07	ppb
Thallium	205-1	18.91	19.28	18.98	19.06	1.03	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	ICSAB18	Instrumnet Name :	P7
Client Sample ID :	ICSAB18	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:06:14	DataFile Name :	017ICSB.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	52.80	52.98	53.05	52.94	0.24	ppb
Titanium	47-1	2035.69	2019.42	2038.93	2031.35	0.51	ppb
Uranium	238-1	53.44	52.90	52.53	52.95	0.86	ppb
Vanadium	51-2	19.19	19.37	19.20	19.25	0.51	ppb
Yttrium	89-1				107		%
Yttrium	89-2				107		%
Zinc	66-2	32.40	32.41	32.85	32.55	0.79	ppb
Zirconium	90-1	52.45	51.91	52.07	52.14	0.53	ppb
Zirconium	91-1	52.20	51.24	51.54	51.66	0.94	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	CCV58	Instrumnet Name :	P7
Client Sample ID :	CCV58	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:08:59	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50026.51	50414.83	51220.12	50553.82	1.20	ppb
Antimony	121-1	525.33	534.66	537.42	532.47	1.19	ppb
Arsenic	75-2	479.66	493.53	493.84	489.01	1.66	ppb
Barium	135-1	2483.56	2525.79	2523.02	2510.79	0.94	ppb
Barium	137-1	2495.55	2540.81	2504.78	2513.71	0.95	ppb
Beryllium	9-1	499.56	507.15	504.31	503.67	0.76	ppb
Bismuth	209-1				96		%
Bismuth	209-2				94		%
Boron	10-1	516.85	549.37	551.19	539.14	3.58	ppb
Boron	11-1	531.25	544.27	573.55	549.69	3.94	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	499.12	505.84	503.65	502.87	0.68	ppb
Cadmium	106-1	507.60	504.15	513.88	508.54	0.97	ppb
Cadmium	108-1	502.43	518.56	513.74	511.58	1.62	ppb
Calcium	43-1	235508.73	239381.24	240151.98	238347.31	1.04	ppb
Calcium	44-1	235869.47	242592.38	238839.92	239100.59	1.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	492.52	493.00	485.86	490.46	0.81	ppb
Cobalt	59-2	479.96	484.14	492.62	485.57	1.33	ppb
Copper	63-2	5028.17	5023.51	5088.90	5046.86	0.72	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				105		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	122942.22	124634.96	122623.81	123400.33	0.88	ppb
Iron	57-2	122510.77	123193.37	124556.41	123420.18	0.84	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	CCV58	Instrumnet Name :	P7
Client Sample ID :	CCV58	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:08:59	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	124904.67	123065.95	121979.32	123316.65	1.20	ppb
Krypton	83-1						cps
Lead	206-1	2501.85	2543.50	2559.54	2534.96	1.17	ppb
Lead	207-1	2527.22	2535.77	2537.15	2533.38	0.21	ppb
Lead	208-1	2517.70	2531.59	2538.40	2529.23	0.42	ppb
Lithium	6-1				94		%
Magnesium	24-2	250413.37	251708.81	252285.51	251469.23	0.38	ppb
Manganese	55-2	4855.05	4904.71	4867.86	4875.87	0.53	ppb
Molybdenum	94-1	4922.93	5042.92	5019.03	4994.96	1.27	ppb
Molybdenum	95-1	4936.04	5021.37	5013.07	4990.16	0.94	ppb
Molybdenum	96-1	4965.20	5063.79	5046.17	5025.06	1.05	ppb
Molybdenum	97-1	4956.22	5010.30	5007.70	4991.41	0.61	ppb
Molybdenum	98-1	4982.46	4995.25	4970.04	4982.58	0.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	486.94	494.22	494.60	491.92	0.88	ppb
Phosphorus	31-2	9976.89	10200.28	10177.39	10118.19	1.21	ppb
Potassium	39-2	121943.27	123347.54	124702.04	123330.95	1.12	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	507.73	505.65	513.12	508.83	0.76	ppb
Selenium	77-2	517.69	527.49	532.51	525.89	1.43	ppb
Selenium	78-2	512.67	519.95	537.78	523.47	2.47	ppb
Silicon	28-1	574.58	584.55	588.56	582.56	1.24	ppb
Silver	107-1	523.99	528.28	523.39	525.22	0.51	ppb
Silver	109-1	522.35	529.36	520.50	524.07	0.89	ppb
Sodium	23-2	247811.69	249683.33	249590.81	249028.61	0.42	ppb
Strontium	86-1	494.46	497.42	501.73	497.87	0.73	ppb
Strontium	88-1	498.85	494.70	499.50	497.68	0.52	ppb
Sulfur	34-1	7840.29	8089.06	8144.23	8024.53	2.02	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	508.00	508.50	506.79	507.76	0.17	ppb
Thallium	205-1	506.27	511.56	515.89	511.24	0.94	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	CCV58	Instrumnet Name :	P7
Client Sample ID :	CCV58	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:08:59	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	510.46	512.95	515.08	512.83	0.45	ppb
Tin	118-1	496.70	513.69	510.33	506.91	1.77	ppb
Titanium	47-1	4835.82	4934.68	4950.82	4907.11	1.27	ppb
Uranium	238-1	505.44	507.84	508.44	507.24	0.31	ppb
Vanadium	51-2	500.92	491.19	497.27	496.46	0.99	ppb
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	4974.96	4999.29	5089.63	5021.29	1.20	ppb
Zirconium	90-1	495.80	502.77	502.47	500.35	0.79	ppb
Zirconium	91-1	503.59	502.99	502.08	502.89	0.15	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	CCB58	Instrumnet Name :	P7
Client Sample ID :	CCB58	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:19:49	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.02	1.74	2.09	1.95	9.59	ppb
Antimony	121-1	0.06	0.07	0.07	0.07	8.23	ppb
Arsenic	75-2	-0.02	-0.02	-0.02	-0.02		ppb
Barium	135-1	0.03	0.02	0.02	0.02	24.85	ppb
Barium	137-1	0.00	0.01	0.01	0.01	43.06	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	31.44	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Boron	10-1	2.36	1.66	1.69	1.90	20.63	ppb
Boron	11-1	2.22	2.10	2.08	2.13	3.44	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.10	-0.09	-0.06	-0.08		ppb
Cadmium	106-1	-1.32	-1.49	-1.02	-1.28		ppb
Cadmium	108-1	0.04	-0.11	-0.14	-0.07		ppb
Calcium	43-1	2.14	4.15	5.84	4.04	45.77	ppb
Calcium	44-1	9.64	10.00	9.06	9.57	4.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.01	-0.02	-0.02		ppb
Cobalt	59-2	0.00	0.01	0.01	0.00	96.07	ppb
Copper	63-2	0.08	0.06	0.07	0.07	14.18	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				108		%
Indium	115-1				110		%
Indium	115-2				110		%
Iron	56-2	2.33	2.53	2.53	2.46	4.69	ppb
Iron	57-2	1.96	2.19	2.08	2.08	5.40	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	CCB58	Instrumnet Name :	P7
Client Sample ID :	CCB58	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:19:49	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2.37	2.94	2.76	2.69	10.95	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.08	0.07	0.07	9.12	ppb
Lead	207-1	0.08	0.09	0.09	0.09	5.71	ppb
Lead	208-1	0.07	0.08	0.08	0.08	7.19	ppb
Lithium	6-1				102		%
Magnesium	24-2	3.87	3.94	3.57	3.79	5.28	ppb
Manganese	55-2	0.00	0.01	0.02	0.01	113.29	ppb
Molybdenum	94-1	0.09	0.07	0.05	0.07	23.78	ppb
Molybdenum	95-1	0.08	0.04	0.07	0.06	37.66	ppb
Molybdenum	96-1	0.10	0.07	0.05	0.07	30.00	ppb
Molybdenum	97-1	0.05	0.04	0.05	0.05	9.01	ppb
Molybdenum	98-1	0.08	0.06	0.06	0.07	17.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.00	0.00		ppb
Phosphorus	31-2	-16.19	-14.54	-15.16	-15.30		ppb
Potassium	39-2	8.78	6.35	8.48	7.87	16.85	ppb
Rhodium	103-1				110		%
Rhodium	103-2				109		%
Scandium	45-1				110		%
Scandium	45-2				108		%
Selenium	82-1	0.53	1.56	0.52	0.87	68.26	ppb
Selenium	77-2	-0.01	-0.18	-0.18	-0.12		ppb
Selenium	78-2	-0.36	-0.09	-0.03	-0.16		ppb
Silicon	28-1	1.08	1.00	0.91	1.00	8.37	ppb
Silver	107-1	0.02	0.02	0.01	0.02	23.97	ppb
Silver	109-1	0.02	0.01	0.02	0.02	28.29	ppb
Sodium	23-2	21.25	20.38	20.80	20.81	2.11	ppb
Strontium	86-1	-0.15	0.08	0.01	-0.02		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	31.38	ppb
Sulfur	34-1	-606.65	-674.46	-670.63	-650.58		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.08	0.06	0.06	0.07	11.04	ppb
Thallium	205-1	0.08	0.07	0.08	0.08	5.29	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	CCB58	Instrumnet Name :	P7
Client Sample ID :	CCB58	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:19:49	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	35.80	ppb
Tin	118-1	-0.14	-0.12	-0.12	-0.12		ppb
Titanium	47-1	0.02	0.02	0.00	0.02	68.69	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	71.11	ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	49.51	ppb
Yttrium	89-1				112		%
Yttrium	89-2				109		%
Zinc	66-2	-0.10	-0.05	-0.07	-0.08		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	114.50	ppb
Zirconium	91-1	0.02	0.03	0.01	0.02	61.18	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:29:22	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.66	20.09	21.50	21.08	4.09	ppb
Antimony	121-1	1.87	1.91	2.02	1.93	4.13	ppb
Arsenic	75-2	1.06	0.99	1.02	1.02	3.18	ppb
Barium	135-1	9.53	9.46	9.44	9.48	0.47	ppb
Barium	137-1	9.18	9.32	9.48	9.33	1.60	ppb
Beryllium	9-1	1.07	1.00	1.06	1.04	3.74	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Boron	10-1	22.77	24.18	24.67	23.87	4.12	ppb
Boron	11-1	23.24	24.67	26.25	24.72	6.11	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.04	0.98	1.05	1.02	3.68	ppb
Cadmium	106-1	0.28	0.26	0.87	0.47	74.01	ppb
Cadmium	108-1	0.83	1.09	1.07	1.00	14.59	ppb
Calcium	43-1	506.03	494.56	516.07	505.55	2.13	ppb
Calcium	44-1	495.38	504.43	493.50	497.77	1.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.96	1.92	1.92	1.93	1.23	ppb
Cobalt	59-2	1.01	0.97	1.01	0.99	2.28	ppb
Copper	63-2	2.01	2.03	2.01	2.02	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				108		%
Indium	115-1				112		%
Indium	115-2				111		%
Iron	56-2	51.56	51.37	51.70	51.55	0.32	ppb
Iron	57-2	49.95	53.13	50.40	51.16	3.37	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:29:22	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	51.38	51.70	54.40	52.49	3.17	ppb
Krypton	83-1						cps
Lead	206-1	0.91	0.88	0.82	0.87	5.05	ppb
Lead	207-1	0.86	0.91	0.87	0.88	2.77	ppb
Lead	208-1	0.89	0.90	0.86	0.88	2.09	ppb
Lithium	6-1				101		%
Magnesium	24-2	505.84	494.52	496.30	498.88	1.22	ppb
Manganese	55-2	1.03	1.01	1.05	1.03	1.74	ppb
Molybdenum	94-1	5.45	5.71	5.58	5.58	2.35	ppb
Molybdenum	95-1	4.65	4.79	4.91	4.78	2.68	ppb
Molybdenum	96-1	4.78	4.76	4.95	4.83	2.19	ppb
Molybdenum	97-1	4.72	4.93	4.72	4.79	2.58	ppb
Molybdenum	98-1	4.70	4.81	4.84	4.78	1.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.91	0.94	0.97	0.94	3.16	ppb
Phosphorus	31-2	-5.12	9.94	-0.63	1.39	554.49	ppb
Potassium	39-2	524.78	518.99	516.22	520.00	0.84	ppb
Rhodium	103-1				113		%
Rhodium	103-2				110		%
Scandium	45-1				114		%
Scandium	45-2				109		%
Selenium	82-1	4.40	6.79	6.62	5.94	22.45	ppb
Selenium	77-2	5.40	5.16	6.81	5.79	15.42	ppb
Selenium	78-2	5.80	4.62	5.58	5.34	11.72	ppb
Silicon	28-1	1.83	1.95	1.68	1.82	7.43	ppb
Silver	107-1	0.76	0.95	0.99	0.90	13.63	ppb
Silver	109-1	0.82	0.90	0.97	0.89	8.26	ppb
Sodium	23-2	497.36	498.58	500.51	498.82	0.32	ppb
Strontium	86-1	1.03	1.05	1.03	1.04	0.87	ppb
Strontium	88-1	0.93	0.93	0.93	0.93	0.41	ppb
Sulfur	34-1	-519.27	-595.71	-640.75	-585.25		ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	0.86	0.96	0.87	0.90	5.59	ppb
Thallium	205-1	0.92	0.88	0.90	0.90	2.14	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:29:22	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.71	0.76	0.76	0.75	3.68	ppb
Tin	118-1	4.71	4.89	4.94	4.85	2.49	ppb
Titanium	47-1	4.74	4.81	5.00	4.85	2.74	ppb
Uranium	238-1	0.99	1.02	0.98	1.00	2.46	ppb
Vanadium	51-2	4.85	4.71	4.76	4.77	1.45	ppb
Yttrium	89-1				114		%
Yttrium	89-2				111		%
Zinc	66-2	2.33	2.43	2.22	2.33	4.52	ppb
Zirconium	90-1	0.93	0.90	0.96	0.93	3.02	ppb
Zirconium	91-1	0.94	0.90	0.96	0.93	3.03	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1645-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT1-	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:32:14	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.95	5.88	5.76	5.53	9.14	ppb
Antimony	121-1	0.25	0.25	0.27	0.26	4.83	ppb
Arsenic	75-2	0.30	0.24	0.20	0.25	20.72	ppb
Barium	135-1	1.15	1.19	1.15	1.16	2.32	ppb
Barium	137-1	1.20	1.24	1.18	1.20	2.50	ppb
Beryllium	9-1	0.29	0.24	0.26	0.26	8.21	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	10-1	3.60	3.66	3.39	3.55	4.05	ppb
Boron	11-1	3.48	3.75	3.84	3.69	5.05	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.32	0.37	0.19	0.29	31.80	ppb
Cadmium	106-1	0.69	1.65	-0.70	0.55	215.80	ppb
Cadmium	108-1	0.40	0.16	0.20	0.25	50.82	ppb
Calcium	43-1	29.59	29.90	29.81	29.77	0.54	ppb
Calcium	44-1	31.99	32.17	32.45	32.20	0.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.22	0.27	0.28	0.26	13.22	ppb
Cobalt	59-2	0.27	0.24	0.25	0.25	4.99	ppb
Copper	63-2	0.49	0.54	0.51	0.51	4.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				108		%
Indium	115-1				111		%
Indium	115-2				110		%
Iron	56-2	13.51	13.41	13.29	13.40	0.82	ppb
Iron	57-2	12.40	11.47	12.85	12.24	5.79	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1645-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT1-	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:32:14	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	14.06	12.30	13.30	13.22	6.68	ppb
Krypton	83-1						cps
Lead	206-1	0.24	0.24	0.24	0.24	1.33	ppb
Lead	207-1	0.24	0.27	0.27	0.26	7.03	ppb
Lead	208-1	0.25	0.25	0.24	0.25	1.41	ppb
Lithium	6-1				99		%
Magnesium	24-2	26.24	27.09	25.73	26.35	2.60	ppb
Manganese	55-2	0.58	0.53	0.57	0.56	4.28	ppb
Molybdenum	94-1	1.43	1.43	1.41	1.42	0.75	ppb
Molybdenum	95-1	1.15	1.25	1.25	1.22	4.83	ppb
Molybdenum	96-1	1.26	1.34	1.19	1.26	6.03	ppb
Molybdenum	97-1	1.19	1.29	1.25	1.24	3.94	ppb
Molybdenum	98-1	1.23	1.29	1.26	1.26	2.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.20	0.24	0.25	0.23	12.01	ppb
Phosphorus	31-2	-1.76	-10.98	-3.04	-5.26		ppb
Potassium	39-2	17.47	17.87	17.92	17.75	1.39	ppb
Rhodium	103-1				112		%
Rhodium	103-2				109		%
Scandium	45-1				113		%
Scandium	45-2				109		%
Selenium	82-1	3.74	2.11	3.47	3.11	28.07	ppb
Selenium	77-2	2.76	2.27	3.31	2.78	18.69	ppb
Selenium	78-2	2.82	3.37	3.45	3.21	10.62	ppb
Silicon	28-1	0.91	0.80	0.87	0.86	6.36	ppb
Silver	107-1	0.21	0.25	0.25	0.24	10.07	ppb
Silver	109-1	0.22	0.23	0.25	0.23	7.37	ppb
Sodium	23-2	38.44	37.71	37.95	38.03	0.98	ppb
Strontium	86-1	0.18	0.18	0.28	0.21	27.86	ppb
Strontium	88-1	0.23	0.24	0.25	0.24	2.89	ppb
Sulfur	34-1	-483.97	-558.88	-494.97	-512.61		ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	0.28	0.26	0.25	0.26	4.68	ppb
Thallium	205-1	0.25	0.25	0.27	0.26	4.19	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1645-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT1-	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:32:14	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.20	0.20	0.21	0.20	3.11	ppb
Tin	118-1	0.10	0.10	0.12	0.10	10.48	ppb
Titanium	47-1	1.04	1.09	1.31	1.15	12.62	ppb
Uranium	238-1	0.21	0.20	0.21	0.21	2.98	ppb
Vanadium	51-2	0.26	0.25	0.23	0.25	5.11	ppb
Yttrium	89-1				113		%
Yttrium	89-2				110		%
Zinc	66-2	0.66	0.83	0.73	0.74	11.11	ppb
Zirconium	90-1	0.24	0.24	0.24	0.24	0.70	ppb
Zirconium	91-1	0.25	0.28	0.26	0.26	5.08	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1645-02	Instrumnet Name :	P7
Client Sample ID :	LOQ-SOIL-02-QT1-2022	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:36:02	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.78	21.13	22.34	22.08	3.87	ppb
Antimony	121-1	1.99	1.99	2.00	1.99	0.29	ppb
Arsenic	75-2	1.08	1.05	1.11	1.08	2.84	ppb
Barium	135-1	9.02	9.78	9.52	9.44	4.08	ppb
Barium	137-1	9.39	9.74	9.43	9.52	1.98	ppb
Beryllium	9-1	1.08	1.05	1.10	1.08	2.35	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Boron	10-1	22.82	23.38	25.40	23.87	5.69	ppb
Boron	11-1	23.36	24.28	26.05	24.57	5.57	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.05	1.08	1.00	1.04	4.23	ppb
Cadmium	106-1	-0.02	1.32	0.76	0.69	97.77	ppb
Cadmium	108-1	1.11	0.95	0.92	1.00	10.35	ppb
Calcium	43-1	486.05	480.86	494.04	486.98	1.36	ppb
Calcium	44-1	492.28	500.46	499.54	497.43	0.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.01	1.92	1.94	1.96	2.50	ppb
Cobalt	59-2	1.01	1.00	0.99	1.00	0.98	ppb
Copper	63-2	2.00	2.03	2.01	2.01	0.72	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				108		%
Holmium	165-2				108		%
Indium	115-1				111		%
Indium	115-2				110		%
Iron	56-2	50.89	50.47	51.55	50.97	1.06	ppb
Iron	57-2	49.24	52.64	52.86	51.58	3.93	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1645-02	Instrumnet Name :	P7
Client Sample ID :	LOQ-SOIL-02-QT1-2022	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:36:02	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	55.38	53.68	51.84	53.63	3.31	ppb
Krypton	83-1						cps
Lead	206-1	0.84	0.91	0.94	0.90	5.67	ppb
Lead	207-1	0.86	0.85	0.88	0.86	1.66	ppb
Lead	208-1	0.85	0.87	0.90	0.87	2.53	ppb
Lithium	6-1				103		%
Magnesium	24-2	511.66	499.05	508.09	506.27	1.28	ppb
Manganese	55-2	1.07	1.02	1.04	1.04	2.58	ppb
Molybdenum	94-1	5.19	5.63	5.65	5.49	4.74	ppb
Molybdenum	95-1	4.57	4.76	5.03	4.78	4.84	ppb
Molybdenum	96-1	4.85	4.94	4.85	4.88	1.02	ppb
Molybdenum	97-1	4.70	5.10	4.91	4.90	4.09	ppb
Molybdenum	98-1	4.58	4.93	4.88	4.79	3.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.96	0.98	1.08	1.00	6.31	ppb
Phosphorus	31-2	10.51	7.83	-2.82	5.17	136.23	ppb
Potassium	39-2	530.28	520.73	523.17	524.73	0.95	ppb
Rhodium	103-1				111		%
Rhodium	103-2				108		%
Scandium	45-1				113		%
Scandium	45-2				109		%
Selenium	82-1	4.35	6.03	5.56	5.31	16.30	ppb
Selenium	77-2	5.99	4.89	7.62	6.17	22.26	ppb
Selenium	78-2	5.75	4.59	6.47	5.60	16.94	ppb
Silicon	28-1	2.00	2.01	2.08	2.03	2.18	ppb
Silver	107-1	0.79	0.92	1.05	0.92	14.12	ppb
Silver	109-1	0.82	0.95	0.99	0.92	9.96	ppb
Sodium	23-2	507.80	493.67	504.77	502.08	1.48	ppb
Strontium	86-1	0.87	0.96	0.98	0.94	6.07	ppb
Strontium	88-1	0.92	0.94	0.97	0.94	2.35	ppb
Sulfur	34-1	-348.00	-401.49	-367.92	-372.47		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.84	0.93	0.89	0.88	5.03	ppb
Thallium	205-1	0.86	0.93	0.93	0.91	4.55	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1645-02	Instrumnet Name :	P7
Client Sample ID :	LOQ-SOIL-02-QT1-2022	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:36:02	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.73	0.78	0.76	0.76	3.04	ppb
Tin	118-1	4.80	4.94	4.87	4.87	1.38	ppb
Titanium	47-1	5.06	4.89	5.04	4.99	1.84	ppb
Uranium	238-1	0.99	1.03	1.06	1.03	3.39	ppb
Vanadium	51-2	4.83	4.91	4.92	4.89	1.08	ppb
Yttrium	89-1				112		%
Yttrium	89-2				109		%
Zinc	66-2	2.06	2.16	2.45	2.22	9.19	ppb
Zirconium	90-1	0.88	0.89	0.94	0.90	3.21	ppb
Zirconium	91-1	0.92	0.98	0.95	0.95	2.69	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1645-16	Instrumnet Name :	P7
Client Sample ID :	LLOQ-SOIL-QT1-2022	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:38:54	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.52	20.33	19.96	19.94	2.02	ppb
Antimony	121-1	1.93	2.05	1.94	1.97	3.32	ppb
Arsenic	75-2	1.01	1.10	1.00	1.04	5.40	ppb
Barium	135-1	9.54	9.59	9.90	9.68	2.06	ppb
Barium	137-1	9.44	9.92	9.74	9.70	2.51	ppb
Beryllium	9-1	1.05	1.03	1.05	1.04	1.49	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	10-1	25.38	25.78	25.53	25.56	0.79	ppb
Boron	11-1	24.90	25.06	26.94	25.63	4.42	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.22	1.12	1.17	1.17	4.17	ppb
Cadmium	106-1	2.39	0.77	2.13	1.76	49.42	ppb
Cadmium	108-1	0.92	1.21	1.01	1.05	14.24	ppb
Calcium	43-1	492.57	491.34	502.70	495.54	1.26	ppb
Calcium	44-1	492.26	506.96	504.33	501.18	1.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.97	1.87	1.97	1.94	3.16	ppb
Cobalt	59-2	1.01	1.01	0.98	1.00	1.88	ppb
Copper	63-2	2.00	1.95	2.09	2.01	3.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				109		%
Indium	115-2				110		%
Iron	56-2	52.41	50.88	51.12	51.47	1.59	ppb
Iron	57-2	51.11	50.81	52.28	51.40	1.51	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1645-16	Instrumnet Name :	P7
Client Sample ID :	LLOQ-SOIL-QT1-2022	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:38:54	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	52.73	53.18	52.80	52.91	0.46	ppb
Krypton	83-1						cps
Lead	206-1	0.90	0.91	0.87	0.89	2.28	ppb
Lead	207-1	0.86	0.94	0.88	0.89	4.62	ppb
Lead	208-1	0.88	0.90	0.89	0.89	1.01	ppb
Lithium	6-1				102		%
Magnesium	24-2	512.66	507.48	507.55	509.23	0.58	ppb
Manganese	55-2	0.99	0.98	0.97	0.98	1.10	ppb
Molybdenum	94-1	5.77	5.86	5.73	5.79	1.15	ppb
Molybdenum	95-1	4.94	4.93	4.79	4.88	1.74	ppb
Molybdenum	96-1	4.77	5.08	4.81	4.89	3.39	ppb
Molybdenum	97-1	4.63	4.95	4.87	4.82	3.41	ppb
Molybdenum	98-1	4.78	4.91	4.91	4.87	1.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.98	1.04	1.03	1.02	3.07	ppb
Phosphorus	31-2	4.70	1.10	3.37	3.05	59.68	ppb
Potassium	39-2	523.70	515.98	518.76	519.48	0.75	ppb
Rhodium	103-1				110		%
Rhodium	103-2				109		%
Scandium	45-1				112		%
Scandium	45-2				109		%
Selenium	82-1	4.19	6.12	4.70	5.01	20.03	ppb
Selenium	77-2	6.46	3.96	4.93	5.12	24.59	ppb
Selenium	78-2	5.21	5.22	5.63	5.36	4.51	ppb
Silicon	28-1	2.14	2.19	2.06	2.13	3.08	ppb
Silver	107-1	0.86	0.97	1.04	0.96	9.38	ppb
Silver	109-1	0.88	1.02	1.03	0.98	8.62	ppb
Sodium	23-2	509.77	493.58	493.93	499.09	1.85	ppb
Strontium	86-1	0.86	0.92	0.91	0.90	3.45	ppb
Strontium	88-1	0.95	0.95	0.97	0.96	1.06	ppb
Sulfur	34-1	-275.15	-307.06	-376.18	-319.46		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.98	0.89	0.90	0.92	4.90	ppb
Thallium	205-1	0.89	0.97	0.94	0.93	4.38	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1645-16	Instrumnet Name :	P7
Client Sample ID :	LLOQ-SOIL-QT1-2022	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:38:54	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.78	0.78	0.78	0.78	0.35	ppb
Tin	118-1	4.85	4.95	4.79	4.87	1.70	ppb
Titanium	47-1	4.82	5.14	4.82	4.93	3.70	ppb
Uranium	238-1	1.06	1.07	1.07	1.07	0.50	ppb
Vanadium	51-2	4.79	4.82	4.89	4.83	1.07	ppb
Yttrium	89-1				111		%
Yttrium	89-2				109		%
Zinc	66-2	2.15	2.04	2.19	2.13	3.73	ppb
Zirconium	90-1	0.90	0.92	0.97	0.93	3.69	ppb
Zirconium	91-1	0.92	0.94	0.94	0.93	1.42	ppb

LB Number : LB121155 Operator : Jaswal
 Lab Sample ID : N1645-07 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired : 2022-05-06 13:41:49 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.79	6.02	4.93	5.58	10.26	ppb
Antimony	121-1	0.26	0.26	0.26	0.26	1.29	ppb
Arsenic	75-2	0.24	0.23	0.23	0.23	3.66	ppb
Barium	135-1	1.13	1.34	1.23	1.23	8.69	ppb
Barium	137-1	1.14	1.24	1.20	1.20	4.22	ppb
Beryllium	9-1	0.26	0.26	0.27	0.26	2.22	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	10-1	2.81	3.92	3.75	3.49	17.11	ppb
Boron	11-1	3.52	3.78	3.64	3.65	3.64	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.41	0.17	0.20	0.26	50.77	ppb
Cadmium	106-1	1.87	-0.87	-0.61	0.13	1148.68	ppb
Cadmium	108-1	0.31	0.46	0.21	0.33	38.07	ppb
Calcium	43-1	28.91	30.22	26.46	28.53	6.68	ppb
Calcium	44-1	28.38	33.05	32.01	31.15	7.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.25	0.27	0.22	0.25	11.03	ppb
Cobalt	59-2	0.23	0.25	0.26	0.25	5.63	ppb
Copper	63-2	0.49	0.48	0.52	0.50	4.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				108		%
Iron	56-2	13.34	13.41	13.72	13.49	1.50	ppb
Iron	57-2	10.59	11.21	12.34	11.38	7.79	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1645-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:41:49	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	13.91	14.68	15.69	14.76	6.05	ppb
Krypton	83-1						cps
Lead	206-1	0.24	0.24	0.21	0.23	7.55	ppb
Lead	207-1	0.25	0.22	0.20	0.23	10.34	ppb
Lead	208-1	0.24	0.24	0.22	0.23	3.55	ppb
Lithium	6-1				102		%
Magnesium	24-2	26.76	26.62	26.76	26.71	0.32	ppb
Manganese	55-2	0.51	0.50	0.52	0.51	2.45	ppb
Molybdenum	94-1	1.46	1.48	1.47	1.47	0.62	ppb
Molybdenum	95-1	1.25	1.22	1.28	1.25	2.40	ppb
Molybdenum	96-1	1.30	1.27	1.30	1.29	1.14	ppb
Molybdenum	97-1	1.32	1.25	1.26	1.28	2.91	ppb
Molybdenum	98-1	1.26	1.29	1.20	1.25	3.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.25	0.27	0.24	0.25	7.29	ppb
Phosphorus	31-2	-5.31	-10.47	-11.17	-8.98		ppb
Potassium	39-2	18.66	22.36	20.29	20.44	9.07	ppb
Rhodium	103-1				109		%
Rhodium	103-2				106		%
Scandium	45-1				111		%
Scandium	45-2				107		%
Selenium	82-1	3.47	3.71	2.17	3.12	26.52	ppb
Selenium	77-2	2.82	2.87	3.37	3.02	10.01	ppb
Selenium	78-2	2.65	2.78	3.27	2.90	11.21	ppb
Silicon	28-1	1.01	1.24	1.22	1.16	11.17	ppb
Silver	107-1	0.23	0.24	0.26	0.24	5.19	ppb
Silver	109-1	0.25	0.23	0.25	0.25	4.09	ppb
Sodium	23-2	34.06	34.80	33.99	34.29	1.31	ppb
Strontium	86-1	0.15	0.29	0.37	0.27	40.96	ppb
Strontium	88-1	0.23	0.23	0.24	0.23	1.77	ppb
Sulfur	34-1	-268.37	-239.68	-143.78	-217.28		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.24	0.25	0.24	0.24	3.25	ppb
Thallium	205-1	0.22	0.24	0.23	0.23	3.29	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1645-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:41:49	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.20	0.20	0.19	0.20	2.69	ppb
Tin	118-1	0.12	0.16	0.09	0.12	28.67	ppb
Titanium	47-1	1.08	1.37	1.22	1.22	11.76	ppb
Uranium	238-1	0.20	0.19	0.19	0.19	4.32	ppb
Vanadium	51-2	0.25	0.21	0.25	0.24	10.49	ppb
Yttrium	89-1				110		%
Yttrium	89-2				107		%
Zinc	66-2	0.56	0.54	0.46	0.52	10.40	ppb
Zirconium	90-1	0.24	0.23	0.23	0.23	1.53	ppb
Zirconium	91-1	0.24	0.23	0.24	0.24	2.43	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1645-10	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:50:45	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.23	5.24	5.59	5.35	3.79	ppb
Antimony	121-1	0.24	0.22	0.25	0.24	6.35	ppb
Arsenic	75-2	0.25	0.24	0.25	0.25	1.84	ppb
Barium	135-1	1.27	1.22	1.19	1.22	3.39	ppb
Barium	137-1	1.30	1.19	1.16	1.22	6.25	ppb
Beryllium	9-1	0.27	0.23	0.24	0.25	8.91	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	10-1	2.16	2.31	2.29	2.25	3.70	ppb
Boron	11-1	2.41	2.69	2.57	2.56	5.52	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.36	0.27	0.29	0.31	15.01	ppb
Cadmium	106-1	1.06	0.58	0.86	0.84	28.86	ppb
Cadmium	108-1	0.21	0.13	0.31	0.22	41.51	ppb
Calcium	43-1	26.51	26.91	21.02	24.81	13.25	ppb
Calcium	44-1	27.00	28.66	27.54	27.73	3.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.22	0.31	0.25	0.26	17.95	ppb
Cobalt	59-2	0.25	0.26	0.24	0.25	3.82	ppb
Copper	63-2	0.50	0.54	0.51	0.52	4.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				113		%
Indium	115-2				111		%
Iron	56-2	12.97	13.45	13.16	13.19	1.81	ppb
Iron	57-2	11.80	12.99	13.28	12.69	6.18	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1645-10	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:50:45	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	12.67	13.92	13.77	13.45	5.08	ppb
Krypton	83-1						cps
Lead	206-1	0.25	0.22	0.25	0.24	8.06	ppb
Lead	207-1	0.24	0.26	0.23	0.25	6.09	ppb
Lead	208-1	0.24	0.24	0.25	0.24	1.38	ppb
Lithium	6-1				106		%
Magnesium	24-2	26.27	26.94	27.07	26.76	1.60	ppb
Manganese	55-2	0.48	0.49	0.47	0.48	2.51	ppb
Molybdenum	94-1	1.44	1.46	1.42	1.44	1.42	ppb
Molybdenum	95-1	1.17	1.25	1.23	1.22	3.60	ppb
Molybdenum	96-1	1.23	1.30	1.37	1.30	5.47	ppb
Molybdenum	97-1	1.21	1.27	1.12	1.20	6.60	ppb
Molybdenum	98-1	1.18	1.29	1.26	1.24	4.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.22	0.27	0.29	0.26	13.59	ppb
Phosphorus	31-2	-6.10	-8.94	-5.63	-6.89		ppb
Potassium	39-2	21.01	17.73	17.39	18.71	10.69	ppb
Rhodium	103-1				113		%
Rhodium	103-2				110		%
Scandium	45-1				116		%
Scandium	45-2				110		%
Selenium	82-1	2.29	2.73	2.75	2.59	10.17	ppb
Selenium	77-2	2.44	1.91	2.40	2.25	12.95	ppb
Selenium	78-2	3.00	2.75	3.76	3.17	16.54	ppb
Silicon	28-1	1.08	1.09	1.00	1.05	4.71	ppb
Silver	107-1	0.17	0.20	0.24	0.20	16.99	ppb
Silver	109-1	0.18	0.22	0.21	0.20	11.14	ppb
Sodium	23-2	31.18	32.16	30.66	31.33	2.44	ppb
Strontium	86-1	0.22	0.12	0.17	0.17	30.75	ppb
Strontium	88-1	0.25	0.26	0.25	0.25	2.12	ppb
Sulfur	34-1	-362.28	-379.49	-267.32	-336.36		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.22	0.25	0.25	0.24	7.23	ppb
Thallium	205-1	0.25	0.26	0.26	0.25	3.10	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1645-10	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:50:45	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.19	0.20	0.19	0.19	2.05	ppb
Tin	118-1	0.15	0.15	0.13	0.14	8.27	ppb
Titanium	47-1	1.40	1.19	1.31	1.30	7.94	ppb
Uranium	238-1	0.20	0.18	0.20	0.19	4.17	ppb
Vanadium	51-2	0.22	0.26	0.25	0.24	8.88	ppb
Yttrium	89-1				114		%
Yttrium	89-2				112		%
Zinc	66-2	0.42	0.62	0.42	0.49	23.81	ppb
Zirconium	90-1	0.23	0.23	0.21	0.22	5.43	ppb
Zirconium	91-1	0.23	0.23	0.25	0.24	5.94	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1645-08	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-02-QT1-20	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:56:52	DataFile Name :	029LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.34	19.43	20.95	20.24	3.78	ppb
Antimony	121-1	1.99	1.97	1.95	1.97	0.98	ppb
Arsenic	75-2	1.09	1.10	1.11	1.10	0.88	ppb
Barium	135-1	9.19	9.49	9.32	9.33	1.63	ppb
Barium	137-1	9.36	9.60	9.47	9.48	1.24	ppb
Beryllium	9-1	1.06	1.07	0.99	1.04	4.38	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Boron	10-1	22.40	22.33	25.23	23.32	7.11	ppb
Boron	11-1	23.09	24.12	24.34	23.85	2.79	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.07	1.07	1.18	1.11	5.28	ppb
Cadmium	106-1	0.89	1.68	2.35	1.64	44.44	ppb
Cadmium	108-1	1.16	1.34	0.93	1.14	17.84	ppb
Calcium	43-1	483.68	504.42	509.49	499.19	2.74	ppb
Calcium	44-1	485.19	501.01	495.99	494.06	1.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.91	1.91	1.94	1.92	0.78	ppb
Cobalt	59-2	1.00	0.99	0.99	0.99	0.65	ppb
Copper	63-2	2.04	2.01	2.06	2.04	1.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				109		%
Indium	115-1				112		%
Indium	115-2				113		%
Iron	56-2	51.48	50.89	51.69	51.36	0.81	ppb
Iron	57-2	51.03	52.45	48.77	50.75	3.65	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1645-08	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-02-QT1-20	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:56:52	DataFile Name :	029LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	52.08	49.83	52.74	51.55	2.96	ppb
Krypton	83-1						cps
Lead	206-1	0.91	0.89	0.91	0.90	1.24	ppb
Lead	207-1	0.85	0.90	0.83	0.86	4.20	ppb
Lead	208-1	0.87	0.88	0.87	0.87	0.67	ppb
Lithium	6-1				105		%
Magnesium	24-2	501.31	500.06	495.47	498.94	0.62	ppb
Manganese	55-2	1.05	1.01	0.96	1.01	4.10	ppb
Molybdenum	94-1	5.65	5.89	5.39	5.64	4.43	ppb
Molybdenum	95-1	4.71	4.81	4.65	4.72	1.72	ppb
Molybdenum	96-1	4.78	5.06	4.95	4.93	2.88	ppb
Molybdenum	97-1	4.85	4.75	4.71	4.77	1.56	ppb
Molybdenum	98-1	4.82	4.77	4.80	4.79	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	1.05	0.98	1.02	3.41	ppb
Phosphorus	31-2	0.19	9.82	3.42	4.48	109.40	ppb
Potassium	39-2	511.70	520.43	515.75	515.96	0.85	ppb
Rhodium	103-1				115		%
Rhodium	103-2				112		%
Scandium	45-1				117		%
Scandium	45-2				112		%
Selenium	82-1	5.40	5.29	5.68	5.46	3.69	ppb
Selenium	77-2	5.88	4.58	5.07	5.18	12.63	ppb
Selenium	78-2	5.73	6.73	5.23	5.90	12.96	ppb
Silicon	28-1	2.40	2.61	2.37	2.46	5.27	ppb
Silver	107-1	0.85	0.95	0.99	0.93	7.77	ppb
Silver	109-1	0.83	0.96	0.96	0.92	8.33	ppb
Sodium	23-2	493.78	493.98	494.67	494.14	0.09	ppb
Strontium	86-1	0.93	0.98	0.85	0.92	6.82	ppb
Strontium	88-1	0.95	0.94	0.95	0.95	0.51	ppb
Sulfur	34-1	-326.16	-194.26	-311.97	-277.47		ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	0.89	0.90	0.92	0.90	1.53	ppb
Thallium	205-1	0.85	0.88	0.90	0.88	2.57	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1645-08	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-02-QT1-20	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:56:52	DataFile Name :	029LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.74	0.75	0.76	0.75	1.21	ppb
Tin	118-1	4.77	4.93	5.03	4.91	2.68	ppb
Titanium	47-1	4.74	5.02	4.85	4.87	2.88	ppb
Uranium	238-1	0.90	0.93	0.95	0.93	3.12	ppb
Vanadium	51-2	4.86	4.87	4.86	4.86	0.12	ppb
Yttrium	89-1				115		%
Yttrium	89-2				114		%
Zinc	66-2	2.20	2.03	2.16	2.13	4.25	ppb
Zirconium	90-1	0.90	0.92	0.93	0.92	1.50	ppb
Zirconium	91-1	0.87	0.94	0.94	0.91	4.45	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1645-17	Instrumnet Name :	P7
Client Sample ID :	LLOQ-WATER-QT1-2022	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:59:47	DataFile Name :	030LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.10	22.06	22.48	22.55	2.31	ppb
Antimony	121-1	1.96	2.01	2.09	2.02	3.38	ppb
Arsenic	75-2	1.04	1.03	1.06	1.04	1.20	ppb
Barium	135-1	9.64	9.96	9.62	9.74	1.95	ppb
Barium	137-1	9.70	9.89	9.44	9.68	2.35	ppb
Beryllium	9-1	0.98	1.00	1.06	1.01	4.19	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	10-1	22.46	23.06	24.30	23.27	4.02	ppb
Boron	11-1	22.57	25.20	25.64	24.47	6.80	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.12	1.11	1.18	1.14	3.58	ppb
Cadmium	106-1	1.50	0.86	2.20	1.52	43.72	ppb
Cadmium	108-1	1.17	1.13	1.01	1.10	7.23	ppb
Calcium	43-1	502.59	476.06	516.07	498.24	4.09	ppb
Calcium	44-1	489.94	498.51	507.46	498.64	1.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.90	1.93	1.90	1.91	0.80	ppb
Cobalt	59-2	1.01	0.99	1.00	1.00	1.03	ppb
Copper	63-2	1.97	2.05	2.01	2.01	1.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				108		%
Indium	115-1				111		%
Indium	115-2				112		%
Iron	56-2	50.12	51.04	50.98	50.71	1.01	ppb
Iron	57-2	53.24	52.32	49.26	51.61	4.03	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1645-17	Instrumnet Name :	P7
Client Sample ID :	LLOQ-WATER-QT1-2022	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:59:47	DataFile Name :	030LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	50.51	53.20	52.01	51.90	2.59	ppb
Krypton	83-1						cps
Lead	206-1	0.84	0.90	0.90	0.88	3.71	ppb
Lead	207-1	0.84	0.86	0.90	0.87	3.30	ppb
Lead	208-1	0.86	0.89	0.90	0.88	2.22	ppb
Lithium	6-1				104		%
Magnesium	24-2	498.32	500.21	498.68	499.07	0.20	ppb
Manganese	55-2	1.04	1.01	0.98	1.01	3.05	ppb
Molybdenum	94-1	5.49	5.70	5.81	5.67	2.83	ppb
Molybdenum	95-1	4.75	4.85	4.83	4.81	1.07	ppb
Molybdenum	96-1	4.79	5.03	4.87	4.90	2.47	ppb
Molybdenum	97-1	4.63	4.76	4.68	4.69	1.45	ppb
Molybdenum	98-1	4.69	4.73	4.74	4.72	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	1.04	0.99	1.02	2.56	ppb
Phosphorus	31-2	7.24	1.74	9.86	6.28	66.05	ppb
Potassium	39-2	514.73	519.59	522.45	518.92	0.75	ppb
Rhodium	103-1				113		%
Rhodium	103-2				112		%
Scandium	45-1				116		%
Scandium	45-2				113		%
Selenium	82-1	4.92	4.70	6.26	5.30	15.95	ppb
Selenium	77-2	5.29	4.13	3.68	4.37	19.10	ppb
Selenium	78-2	5.30	5.83	5.86	5.66	5.57	ppb
Silicon	28-1	2.31	2.37	2.74	2.47	9.33	ppb
Silver	107-1	0.83	1.01	1.03	0.95	11.58	ppb
Silver	109-1	0.88	0.98	1.04	0.96	8.46	ppb
Sodium	23-2	485.38	485.52	483.22	484.71	0.27	ppb
Strontium	86-1	0.86	0.90	1.11	0.96	14.14	ppb
Strontium	88-1	0.95	0.96	0.96	0.96	0.39	ppb
Sulfur	34-1	-260.00	-203.49	-33.09	-165.53		ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	0.83	0.88	0.85	0.85	3.18	ppb
Thallium	205-1	0.85	0.88	0.86	0.86	1.71	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1645-17	Instrumnet Name :	P7
Client Sample ID :	LLOQ-WATER-QT1-2022	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:59:47	DataFile Name :	030LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.73	0.74	0.77	0.75	2.79	ppb
Tin	118-1	4.70	5.11	5.06	4.96	4.59	ppb
Titanium	47-1	4.68	5.26	5.06	5.00	5.88	ppb
Uranium	238-1	0.98	1.01	0.98	0.99	1.82	ppb
Vanadium	51-2	4.80	4.82	4.81	4.81	0.23	ppb
Yttrium	89-1				115		%
Yttrium	89-2				113		%
Zinc	66-2	2.09	2.36	2.12	2.19	6.82	ppb
Zirconium	90-1	0.90	0.95	0.97	0.94	4.15	ppb
Zirconium	91-1	0.94	0.96	0.96	0.95	1.11	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1645-11	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-05-QT1-20	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 14:08:30	DataFile Name :	033LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.54	20.23	18.73	19.50	3.84	ppb
Antimony	121-1	1.92	2.03	2.00	1.98	2.79	ppb
Arsenic	75-2	1.05	1.05	0.95	1.02	5.69	ppb
Barium	135-1	9.45	10.35	9.71	9.83	4.72	ppb
Barium	137-1	9.68	9.68	9.68	9.68	0.02	ppb
Beryllium	9-1	1.03	1.08	1.04	1.05	2.95	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Boron	10-1	23.90	25.78	25.40	25.03	3.98	ppb
Boron	11-1	24.40	25.26	26.68	25.45	4.54	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.12	1.20	1.25	1.19	5.63	ppb
Cadmium	106-1	0.77	2.72	2.29	1.93	53.09	ppb
Cadmium	108-1	0.90	1.13	1.11	1.04	12.07	ppb
Calcium	43-1	525.92	499.87	501.11	508.97	2.89	ppb
Calcium	44-1	507.15	506.09	498.44	503.90	0.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.93	1.92	1.93	1.92	0.33	ppb
Cobalt	59-2	1.02	1.03	1.01	1.02	1.06	ppb
Copper	63-2	1.96	2.06	2.06	2.03	2.79	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				107		%
Indium	115-1				110		%
Indium	115-2				111		%
Iron	56-2	50.44	51.22	50.68	50.78	0.78	ppb
Iron	57-2	49.52	52.60	51.04	51.05	3.02	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1645-11	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-05-QT1-20	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 14:08:30	DataFile Name :	033LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	49.70	52.37	53.50	51.86	3.76	ppb
Krypton	83-1						cps
Lead	206-1	0.90	0.92	0.88	0.90	2.41	ppb
Lead	207-1	0.87	0.87	0.88	0.87	0.54	ppb
Lead	208-1	0.89	0.88	0.87	0.88	1.15	ppb
Lithium	6-1				103		%
Magnesium	24-2	500.91	498.34	499.68	499.64	0.26	ppb
Manganese	55-2	0.98	0.98	0.98	0.98	0.24	ppb
Molybdenum	94-1	5.59	5.93	5.64	5.72	3.27	ppb
Molybdenum	95-1	4.97	4.73	4.77	4.83	2.67	ppb
Molybdenum	96-1	5.09	5.02	4.88	5.00	2.23	ppb
Molybdenum	97-1	4.97	4.97	4.91	4.95	0.75	ppb
Molybdenum	98-1	4.93	4.89	4.77	4.87	1.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	1.01	0.97	1.00	2.91	ppb
Phosphorus	31-2	3.86	9.38	13.51	8.91	54.31	ppb
Potassium	39-2	515.36	531.50	518.34	521.73	1.65	ppb
Rhodium	103-1				111		%
Rhodium	103-2				110		%
Scandium	45-1				114		%
Scandium	45-2				112		%
Selenium	82-1	4.81	3.82	3.15	3.93	21.20	ppb
Selenium	77-2	4.58	4.30	4.66	4.51	4.19	ppb
Selenium	78-2	5.07	4.89	4.44	4.80	6.78	ppb
Silicon	28-1	2.83	2.55	2.53	2.63	6.40	ppb
Silver	107-1	0.93	1.08	1.02	1.01	7.49	ppb
Silver	109-1	0.90	1.01	1.06	0.99	8.11	ppb
Sodium	23-2	490.65	492.39	491.64	491.56	0.18	ppb
Strontium	86-1	1.01	1.02	0.93	0.99	5.09	ppb
Strontium	88-1	0.97	0.97	0.97	0.97	0.17	ppb
Sulfur	34-1	8.52	-110.32	-195.34	-99.05		ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	0.86	0.91	0.89	0.89	2.73	ppb
Thallium	205-1	0.88	0.87	0.88	0.88	0.60	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1645-11	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-05-QT1-20	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 14:08:30	DataFile Name :	033LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.77	0.75	0.76	0.76	1.33	ppb
Tin	118-1	5.02	4.96	5.08	5.02	1.18	ppb
Titanium	47-1	4.97	5.07	4.72	4.92	3.64	ppb
Uranium	238-1	0.94	0.89	0.93	0.92	2.84	ppb
Vanadium	51-2	4.88	4.93	4.95	4.92	0.74	ppb
Yttrium	89-1				112		%
Yttrium	89-2				112		%
Zinc	66-2	2.01	2.11	2.19	2.10	4.34	ppb
Zirconium	90-1	1.01	0.93	0.94	0.96	4.76	ppb
Zirconium	91-1	0.97	0.98	0.97	0.97	0.69	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	CCV59	Instrumnet Name :	P7
Client Sample ID :	CCV59	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 14:14:20	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50540.77	50155.30	50774.93	50490.34	0.62	ppb
Antimony	121-1	523.38	527.67	544.13	531.73	2.06	ppb
Arsenic	75-2	487.85	488.00	489.45	488.43	0.18	ppb
Barium	135-1	2450.59	2521.21	2580.83	2517.54	2.59	ppb
Barium	137-1	2467.93	2515.53	2554.19	2512.55	1.72	ppb
Beryllium	9-1	506.02	511.29	511.91	509.74	0.63	ppb
Bismuth	209-1				96		%
Bismuth	209-2				92		%
Boron	10-1	513.62	543.16	555.18	537.32	3.98	ppb
Boron	11-1	527.07	567.57	562.45	552.37	3.99	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	496.28	502.51	509.87	502.89	1.35	ppb
Cadmium	106-1	508.63	518.29	526.19	517.70	1.70	ppb
Cadmium	108-1	510.76	520.80	528.52	520.03	1.71	ppb
Calcium	43-1	236799.39	236903.26	239285.28	237662.65	0.59	ppb
Calcium	44-1	237186.13	236155.06	239722.85	237688.01	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	498.34	496.97	495.38	496.90	0.30	ppb
Cobalt	59-2	491.02	482.98	484.07	486.02	0.90	ppb
Copper	63-2	5035.36	4979.07	5036.24	5016.89	0.65	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				103		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	125330.75	122790.32	123537.77	123886.28	1.05	ppb
Iron	57-2	123511.88	123465.08	123055.06	123344.01	0.20	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	CCV59	Instrumnet Name :	P7
Client Sample ID :	CCV59	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 14:14:20	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	126152.44	125548.63	124221.37	125307.48	0.79	ppb
Krypton	83-1						cps
Lead	206-1	2491.47	2554.00	2574.20	2539.89	1.70	ppb
Lead	207-1	2452.35	2532.30	2531.58	2505.41	1.83	ppb
Lead	208-1	2466.02	2541.98	2549.88	2519.29	1.84	ppb
Lithium	6-1				97		%
Magnesium	24-2	259572.39	259969.78	256321.56	258621.24	0.77	ppb
Manganese	55-2	4981.48	4943.65	4937.04	4954.06	0.48	ppb
Molybdenum	94-1	4925.84	4964.91	5047.44	4979.40	1.25	ppb
Molybdenum	95-1	4964.10	5010.19	4995.45	4989.92	0.47	ppb
Molybdenum	96-1	4944.68	5060.32	5021.21	5008.74	1.17	ppb
Molybdenum	97-1	4929.06	5029.37	4965.00	4974.48	1.02	ppb
Molybdenum	98-1	4970.73	5052.83	4952.28	4991.95	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	485.81	486.41	484.62	485.61	0.19	ppb
Phosphorus	31-2	10154.84	10132.48	10251.46	10179.59	0.62	ppb
Potassium	39-2	125036.96	124290.44	123936.84	124421.41	0.45	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				106		%
Scandium	45-2				101		%
Selenium	82-1	506.94	511.43	511.67	510.02	0.52	ppb
Selenium	77-2	535.55	537.76	522.76	532.02	1.52	ppb
Selenium	78-2	518.80	518.77	521.23	519.60	0.27	ppb
Silicon	28-1	587.20	588.86	591.66	589.24	0.38	ppb
Silver	107-1	515.99	530.45	541.07	529.17	2.38	ppb
Silver	109-1	527.13	528.28	536.24	530.55	0.93	ppb
Sodium	23-2	257456.44	249641.85	253266.26	253454.85	1.54	ppb
Strontium	86-1	486.24	496.86	495.37	492.83	1.17	ppb
Strontium	88-1	491.82	500.47	502.63	498.31	1.15	ppb
Sulfur	34-1	11232.14	11109.41	11181.36	11174.30	0.55	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	505.38	516.25	520.15	513.93	1.49	ppb
Thallium	205-1	503.00	510.89	519.61	511.16	1.63	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	CCV59	Instrumnet Name :	P7
Client Sample ID :	CCV59	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 14:14:20	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	494.32	511.58	520.26	508.72	2.60	ppb
Tin	118-1	494.17	508.69	512.44	505.10	1.91	ppb
Titanium	47-1	4865.73	4894.23	4887.40	4882.45	0.30	ppb
Uranium	238-1	501.76	505.14	517.46	508.12	1.63	ppb
Vanadium	51-2	511.63	500.30	499.51	503.81	1.35	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	5069.63	4983.14	4985.81	5012.86	0.98	ppb
Zirconium	90-1	499.86	502.72	504.88	502.49	0.50	ppb
Zirconium	91-1	500.76	507.07	500.43	502.75	0.74	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	CCB59	Instrumnet Name :	P7
Client Sample ID :	CCB59	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 14:22:38	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.12	0.83	0.59	0.85	31.39	ppb
Antimony	121-1	0.08	0.08	0.07	0.08	8.67	ppb
Arsenic	75-2	-0.01	0.00	-0.01	-0.01		ppb
Barium	135-1	0.03	0.01	0.02	0.02	29.28	ppb
Barium	137-1	0.02	0.02	0.01	0.02	26.43	ppb
Beryllium	9-1	0.02	0.01	0.02	0.02	37.21	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Boron	10-1	2.81	2.39	2.71	2.64	8.30	ppb
Boron	11-1	2.70	2.60	2.51	2.60	3.74	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.02	0.06	-0.01	0.01	574.71	ppb
Cadmium	106-1	-0.45	0.72	-0.24	0.01	7610.05	ppb
Cadmium	108-1	-0.05	-0.08	-0.16	-0.10		ppb
Calcium	43-1	1.04	6.81	3.77	3.87	74.52	ppb
Calcium	44-1	6.99	10.49	9.67	9.05	20.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.01	-0.01	-0.01		ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	197.61	ppb
Copper	63-2	0.06	0.03	0.04	0.04	38.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				108		%
Iron	56-2	1.31	1.27	1.15	1.24	7.04	ppb
Iron	57-2	0.53	1.27	1.31	1.04	42.20	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	CCB59	Instrumnet Name :	P7
Client Sample ID :	CCB59	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 14:22:38	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.89	1.15	0.27	0.77	59.00	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.07	0.05	0.06	17.56	ppb
Lead	207-1	0.07	0.05	0.07	0.06	16.01	ppb
Lead	208-1	0.06	0.06	0.05	0.06	8.83	ppb
Lithium	6-1				103		%
Magnesium	24-2	3.15	2.49	2.39	2.67	15.45	ppb
Manganese	55-2	0.00	0.02	0.01	0.01	85.23	ppb
Molybdenum	94-1	0.08	0.06	0.04	0.06	34.28	ppb
Molybdenum	95-1	0.08	0.04	0.04	0.05	46.89	ppb
Molybdenum	96-1	0.07	0.06	0.06	0.06	10.49	ppb
Molybdenum	97-1	0.10	0.04	0.07	0.07	44.83	ppb
Molybdenum	98-1	0.08	0.07	0.06	0.07	13.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.02	-0.01	0.00	1871.43	ppb
Phosphorus	31-2	-18.45	-7.96	-16.40	-14.27		ppb
Potassium	39-2	6.26	8.69	9.82	8.26	22.00	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				110		%
Scandium	45-2				106		%
Selenium	82-1	0.54	1.16	0.79	0.83	37.91	ppb
Selenium	77-2	-0.18	0.16	-0.01	-0.01		ppb
Selenium	78-2	0.88	-0.08	0.02	0.27	193.97	ppb
Silicon	28-1	1.44	1.76	1.71	1.63	10.52	ppb
Silver	107-1	0.02	0.03	0.02	0.02	19.93	ppb
Silver	109-1	0.01	0.02	0.01	0.01	14.72	ppb
Sodium	23-2	20.70	19.14	18.55	19.46	5.70	ppb
Strontium	86-1	-0.10	-0.03	0.03	-0.03		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	6.00	ppb
Sulfur	34-1	-460.72	-358.53	-412.16	-410.47		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	-0.01	0.01	0.01	0.01	163.83	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	58.89	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	CCB59	Instrumnet Name :	P7
Client Sample ID :	CCB59	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 14:22:38	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.01	0.01	0.00	21.54	ppb
Tin	118-1	-0.13	-0.14	-0.13	-0.13		ppb
Titanium	47-1	0.01	0.00	0.03	0.01	101.62	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	35.18	ppb
Vanadium	51-2	0.00	0.01	0.01	0.00	203.00	ppb
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	-0.07	-0.04	-0.10	-0.07		ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	41.21	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	16.45	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1331-01	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-QT1-2022-	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 14:39:26	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.87	7.99	7.62	7.83	2.36	ppb
Antimony	121-1	0.86	0.83	0.86	0.85	1.80	ppb
Arsenic	75-2	0.43	0.39	0.45	0.42	6.83	ppb
Barium	135-1	4.38	3.93	3.81	4.04	7.48	ppb
Barium	137-1	4.13	4.10	3.92	4.05	2.78	ppb
Beryllium	9-1	0.46	0.49	0.47	0.47	3.34	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Boron	10-1	6.24	6.85	7.03	6.71	6.18	ppb
Boron	11-1	6.54	6.86	6.77	6.72	2.47	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.33	0.32	0.43	0.36	17.51	ppb
Cadmium	106-1	-0.91	-1.11	-0.11	-0.71		ppb
Cadmium	108-1	0.58	0.27	0.18	0.34	62.12	ppb
Calcium	43-1	204.13	222.88	206.25	211.09	4.87	ppb
Calcium	44-1	223.75	209.27	207.80	213.61	4.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.85	0.80	0.78	0.81	4.32	ppb
Cobalt	59-2	0.41	0.42	0.41	0.41	1.21	ppb
Copper	63-2	0.85	0.82	0.79	0.82	3.97	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				110		%
Iron	56-2	83.48	81.82	82.57	82.62	1.01	ppb
Iron	57-2	83.47	78.41	80.94	80.94	3.13	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1331-01	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-QT1-2022-	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 14:39:26	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	84.42	86.35	81.70	84.16	2.77	ppb
Krypton	83-1						cps
Lead	206-1	0.38	0.40	0.41	0.40	3.24	ppb
Lead	207-1	0.40	0.38	0.37	0.38	4.58	ppb
Lead	208-1	0.40	0.38	0.38	0.39	2.36	ppb
Lithium	6-1				99		%
Magnesium	24-2	212.53	213.00	209.39	211.64	0.93	ppb
Manganese	55-2	0.45	0.41	0.40	0.42	7.10	ppb
Molybdenum	94-1	2.35	2.33	2.36	2.35	0.73	ppb
Molybdenum	95-1	2.06	2.03	2.02	2.04	0.91	ppb
Molybdenum	96-1	2.14	2.05	2.11	2.10	2.24	ppb
Molybdenum	97-1	2.13	2.05	1.94	2.04	4.73	ppb
Molybdenum	98-1	2.06	2.05	2.03	2.05	0.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.43	0.40	0.47	0.43	7.56	ppb
Phosphorus	31-2	-6.40	-9.22	-5.31	-6.98		ppb
Potassium	39-2	216.03	218.46	217.78	217.42	0.58	ppb
Rhodium	103-1				107		%
Rhodium	103-2				109		%
Scandium	45-1				109		%
Scandium	45-2				109		%
Selenium	82-1	2.64	1.72	3.45	2.60	33.38	ppb
Selenium	77-2	2.47	3.40	3.27	3.05	16.54	ppb
Selenium	78-2	1.92	2.08	2.35	2.12	10.37	ppb
Silicon	28-1	2.36	1.82	1.65	1.95	19.07	ppb
Silver	107-1	0.34	0.38	0.40	0.37	8.50	ppb
Silver	109-1	0.29	0.35	0.36	0.34	11.24	ppb
Sodium	23-2	212.67	211.69	212.32	212.23	0.24	ppb
Strontium	86-1	0.41	0.41	0.64	0.49	27.23	ppb
Strontium	88-1	0.42	0.41	0.39	0.41	3.54	ppb
Sulfur	34-1	36.49	-202.56	-331.32	-165.80		ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	0.37	0.35	0.36	0.36	2.83	ppb
Thallium	205-1	0.37	0.36	0.38	0.37	2.19	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1331-01	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-QT1-2022-	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 14:39:26	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.32	0.33	0.30	0.32	4.35	ppb
Tin	118-1	2.02	1.97	2.01	2.00	1.27	ppb
Titanium	47-1	2.31	2.20	1.85	2.12	11.33	ppb
Uranium	238-1	0.33	0.33	0.30	0.32	4.63	ppb
Vanadium	51-2	2.06	2.02	2.06	2.05	1.06	ppb
Yttrium	89-1				108		%
Yttrium	89-2				110		%
Zinc	66-2	0.97	1.00	0.84	0.94	8.93	ppb
Zirconium	90-1	0.39	0.40	0.40	0.39	1.63	ppb
Zirconium	91-1	0.40	0.36	0.37	0.38	5.62	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1331-03	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-QT1-2022-01	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 14:54:47	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.98	8.32	7.58	7.96	4.63	ppb
Antimony	121-1	0.86	0.84	0.80	0.83	3.52	ppb
Arsenic	75-2	0.44	0.37	0.45	0.42	10.76	ppb
Barium	135-1	3.93	3.80	4.01	3.91	2.73	ppb
Barium	137-1	4.13	3.89	3.93	3.98	3.15	ppb
Beryllium	9-1	0.42	0.45	0.42	0.43	4.52	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	10-1	5.71	6.06	6.00	5.92	3.14	ppb
Boron	11-1	5.89	6.41	6.65	6.32	6.20	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.42	0.37	0.34	0.38	11.55	ppb
Cadmium	106-1	-0.06	-0.96	-0.59	-0.54		ppb
Cadmium	108-1	0.54	0.32	0.64	0.50	31.95	ppb
Calcium	43-1	212.93	191.07	199.72	201.24	5.47	ppb
Calcium	44-1	205.56	205.31	199.45	203.44	1.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.76	0.79	0.76	0.77	2.03	ppb
Cobalt	59-2	0.42	0.40	0.41	0.41	2.37	ppb
Copper	63-2	0.85	0.83	0.81	0.83	1.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				111		%
Iron	56-2	82.60	81.53	81.41	81.84	0.81	ppb
Iron	57-2	84.38	76.88	81.90	81.05	4.71	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1331-03	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-QT1-2022-01	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 14:54:47	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	86.02	82.81	83.42	84.08	2.03	ppb
Krypton	83-1						cps
Lead	206-1	0.36	0.40	0.37	0.38	5.57	ppb
Lead	207-1	0.39	0.35	0.33	0.36	8.21	ppb
Lead	208-1	0.37	0.38	0.35	0.36	3.57	ppb
Lithium	6-1				103		%
Magnesium	24-2	208.19	202.94	201.10	204.08	1.80	ppb
Manganese	55-2	0.41	0.37	0.41	0.40	5.10	ppb
Molybdenum	94-1	2.32	2.17	2.31	2.27	3.81	ppb
Molybdenum	95-1	1.96	1.95	1.94	1.95	0.59	ppb
Molybdenum	96-1	1.90	2.10	2.04	2.01	5.12	ppb
Molybdenum	97-1	1.95	1.97	1.88	1.93	2.57	ppb
Molybdenum	98-1	1.97	1.91	1.93	1.94	1.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.41	0.44	0.42	0.42	4.43	ppb
Phosphorus	31-2	-12.51	-4.62	-10.72	-9.28		ppb
Potassium	39-2	214.42	211.97	212.74	213.05	0.59	ppb
Rhodium	103-1				110		%
Rhodium	103-2				110		%
Scandium	45-1				112		%
Scandium	45-2				110		%
Selenium	82-1	3.12	0.93	2.18	2.08	52.77	ppb
Selenium	77-2	2.44	1.91	1.63	1.99	20.50	ppb
Selenium	78-2	1.89	2.32	1.93	2.05	11.54	ppb
Silicon	28-1	2.14	1.90	1.70	1.91	11.47	ppb
Silver	107-1	0.31	0.35	0.37	0.34	9.48	ppb
Silver	109-1	0.31	0.39	0.37	0.35	12.09	ppb
Sodium	23-2	205.11	199.38	200.62	201.70	1.49	ppb
Strontium	86-1	0.43	0.31	0.28	0.34	23.94	ppb
Strontium	88-1	0.39	0.39	0.38	0.39	1.48	ppb
Sulfur	34-1	-52.23	-189.93	-357.29	-199.82		ppb
Terbium	159-1				106		%
Terbium	159-2				108		%
Thallium	203-1	0.33	0.37	0.36	0.35	6.22	ppb
Thallium	205-1	0.36	0.36	0.35	0.35	0.99	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1331-03	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-QT1-2022-01	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 14:54:47	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.30	0.30	0.30	0.30	0.52	ppb
Tin	118-1	1.97	1.91	1.93	1.94	1.56	ppb
Titanium	47-1	2.13	2.03	2.05	2.07	2.35	ppb
Uranium	238-1	0.29	0.30	0.30	0.30	1.70	ppb
Vanadium	51-2	2.01	1.92	1.95	1.96	2.30	ppb
Yttrium	89-1				111		%
Yttrium	89-2				111		%
Zinc	66-2	0.79	0.92	0.83	0.85	8.03	ppb
Zirconium	90-1	0.39	0.36	0.37	0.37	3.69	ppb
Zirconium	91-1	0.36	0.36	0.37	0.36	0.98	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB144322BL	Instrumnet Name :	P7
Client Sample ID :	PBW322	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 14:57:41	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.16	-0.07	-0.09	-0.11		ppb
Antimony	121-1	0.01	0.01	0.00	0.01	28.70	ppb
Arsenic	75-2	-0.01	-0.03	-0.01	-0.02		ppb
Barium	135-1	0.02	-0.01	0.01	0.01	168.51	ppb
Barium	137-1	-0.01	0.00	0.00	0.00		ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	0.44	0.65	0.53	0.54	19.34	ppb
Boron	11-1	0.49	0.48	0.41	0.46	9.66	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.02	0.07	0.01	0.03	100.91	ppb
Cadmium	106-1	0.23	0.88	0.11	0.40	102.37	ppb
Cadmium	108-1	0.02	-0.14	-0.01	-0.04		ppb
Calcium	43-1	1.31	-0.27	-0.03	0.34	253.42	ppb
Calcium	44-1	1.40	2.05	3.93	2.46	53.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.01	0.00	0.00		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.01	-0.01	0.00	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				108		%
Indium	115-1				110		%
Indium	115-2				110		%
Iron	56-2	-0.13	-0.26	-0.16	-0.19		ppb
Iron	57-2	0.47	-0.76	0.03	-0.09		ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB144322BL	Instrumnet Name :	P7
Client Sample ID :	PBW322	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 14:57:41	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-0.52	0.38	-0.48	-0.21		ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.02	0.01	44.41	ppb
Lead	207-1	0.03	0.02	0.02	0.02	13.79	ppb
Lead	208-1	0.01	0.02	0.02	0.02	21.85	ppb
Lithium	6-1				103		%
Magnesium	24-2	-0.15	-0.09	-0.13	-0.12		ppb
Manganese	55-2	0.01	-0.01	0.01	0.00	498.71	ppb
Molybdenum	94-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	95-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	96-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	97-1	0.00	0.01	0.00	0.00	118.16	ppb
Molybdenum	98-1	-0.01	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.00	0.00	0.00	239.87	ppb
Phosphorus	31-2	-18.02	-12.91	-15.48	-15.47		ppb
Potassium	39-2	6.27	2.85	2.79	3.97	50.16	ppb
Rhodium	103-1				110		%
Rhodium	103-2				110		%
Scandium	45-1				113		%
Scandium	45-2				110		%
Selenium	82-1	0.96	-0.20	-0.03	0.25	254.31	ppb
Selenium	77-2	-0.18	-0.18	-0.02	-0.12		ppb
Selenium	78-2	0.07	-0.18	0.65	0.18	238.23	ppb
Silicon	28-1	1.23	1.17	1.43	1.27	10.67	ppb
Silver	107-1	0.02	0.02	0.02	0.02	0.98	ppb
Silver	109-1	0.02	0.02	0.02	0.02	20.44	ppb
Sodium	23-2	5.77	4.65	4.80	5.07	12.02	ppb
Strontium	86-1	-0.09	-0.01	-0.10	-0.07		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-227.16	-191.35	-124.86	-181.12		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	-0.01	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.01	-0.02	-0.02	-0.01		ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB144322BL	Instrumnet Name :	P7
Client Sample ID :	PBW322	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 14:57:41	DataFile Name :	043CCBE.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	-0.13	-0.12	-0.13	-0.13		ppb
Titanium	47-1	0.03	-0.03	-0.03	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00		ppb
Yttrium	89-1				111		%
Yttrium	89-2				111		%
Zinc	66-2	0.05	0.03	-0.03	0.02	236.48	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	40.96	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB144322BS	Instrumnet Name :	P7
Client Sample ID :	LCS322	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:00:33	DataFile Name :	044LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.58	39.89	39.55	38.67	4.71	ppb
Antimony	121-1	3.66	3.72	3.64	3.67	1.14	ppb
Arsenic	75-2	2.05	1.96	1.95	1.99	2.79	ppb
Barium	135-1	17.72	17.72	18.02	17.82	0.97	ppb
Barium	137-1	18.00	18.32	17.49	17.94	2.36	ppb
Beryllium	9-1	1.80	1.85	1.86	1.84	1.64	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	10-1	26.63	28.39	29.25	28.09	4.75	ppb
Boron	11-1	27.12	29.12	29.88	28.71	4.96	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	2.14	2.23	2.21	2.20	2.22	ppb
Cadmium	106-1	3.73	3.97	3.96	3.89	3.43	ppb
Cadmium	108-1	1.63	1.78	1.67	1.69	4.49	ppb
Calcium	43-1	930.45	925.00	940.26	931.91	0.83	ppb
Calcium	44-1	939.90	948.61	932.24	940.25	0.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.90	3.83	3.96	3.89	1.64	ppb
Cobalt	59-2	1.90	1.94	1.98	1.94	2.00	ppb
Copper	63-2	3.82	3.76	3.88	3.82	1.48	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				108		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				111		%
Iron	56-2	378.48	377.35	391.07	382.30	1.99	ppb
Iron	57-2	372.81	378.35	384.62	378.59	1.56	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB144322BS	Instrumnet Name :	P7
Client Sample ID :	LCS322	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:00:33	DataFile Name :	044LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	388.99	392.55	392.80	391.44	0.54	ppb
Krypton	83-1						cps
Lead	206-1	1.67	1.77	1.73	1.72	2.71	ppb
Lead	207-1	1.66	1.72	1.63	1.67	2.94	ppb
Lead	208-1	1.67	1.72	1.68	1.69	1.61	ppb
Lithium	6-1				104		%
Magnesium	24-2	944.07	943.86	942.99	943.64	0.06	ppb
Manganese	55-2	1.85	1.91	1.90	1.88	1.75	ppb
Molybdenum	94-1	4.86	5.14	4.83	4.94	3.49	ppb
Molybdenum	95-1	2.03	2.05	2.10	2.06	1.81	ppb
Molybdenum	96-1	2.45	2.50	2.29	2.42	4.50	ppb
Molybdenum	97-1	2.17	2.12	2.12	2.14	1.39	ppb
Molybdenum	98-1	2.05	2.12	2.10	2.09	1.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.11	2.11	1.96	2.06	4.17	ppb
Phosphorus	31-2	-0.84	0.80	-4.04	-1.36		ppb
Potassium	39-2	972.81	977.20	988.14	979.38	0.81	ppb
Rhodium	103-1				111		%
Rhodium	103-2				110		%
Scandium	45-1				114		%
Scandium	45-2				112		%
Selenium	82-1	9.89	10.77	9.55	10.07	6.26	ppb
Selenium	77-2	8.72	13.67	9.34	10.58	25.48	ppb
Selenium	78-2	9.91	10.45	9.77	10.04	3.59	ppb
Silicon	28-1	3.63	3.84	3.71	3.73	2.95	ppb
Silver	107-1	1.71	1.82	1.86	1.80	4.37	ppb
Silver	109-1	1.70	1.90	1.93	1.84	6.77	ppb
Sodium	23-2	919.23	920.16	931.84	923.74	0.76	ppb
Strontium	86-1	1.95	1.97	1.84	1.92	3.69	ppb
Strontium	88-1	1.86	1.91	1.92	1.90	1.88	ppb
Sulfur	34-1	-293.28	-110.84	-159.47	-187.86		ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	1.75	1.67	1.68	1.70	2.36	ppb
Thallium	205-1	1.73	1.72	1.73	1.73	0.24	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB144322BS	Instrumnet Name :	P7
Client Sample ID :	LCS322	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:00:33	DataFile Name :	044LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	1.50	1.52	1.50	1.50	0.69	ppb
Tin	118-1	-0.11	-0.10	-0.08	-0.09		ppb
Titanium	47-1	9.17	9.16	9.44	9.26	1.69	ppb
Uranium	238-1	1.45	1.50	1.48	1.47	1.67	ppb
Vanadium	51-2	9.21	9.19	9.08	9.16	0.76	ppb
Yttrium	89-1				112		%
Yttrium	89-2				111		%
Zinc	66-2	9.35	9.38	9.21	9.31	1.02	ppb
Zirconium	90-1	1.79	1.81	1.81	1.80	0.63	ppb
Zirconium	91-1	1.90	1.83	2.02	1.92	5.04	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB144323BL	Instrumnet Name :	P7
Client Sample ID :	PBS323	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:03:27	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.17	-0.26	-0.05	-0.16		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	11.77	ppb
Arsenic	75-2	-0.02	0.00	-0.02	-0.01		ppb
Barium	135-1	0.00	0.00	-0.01	0.00		ppb
Barium	137-1	0.01	0.01	0.00	0.00	184.09	ppb
Beryllium	9-1	-0.01	0.00	-0.01	-0.01		ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	10-1	1.11	1.01	1.01	1.04	5.64	ppb
Boron	11-1	1.31	1.14	0.97	1.14	15.21	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.02	-0.06	0.05	-0.01		ppb
Cadmium	106-1	-0.24	-0.84	0.65	-0.14		ppb
Cadmium	108-1	-0.04	-0.07	-0.05	-0.05		ppb
Calcium	43-1	-1.28	-1.68	-0.44	-1.13		ppb
Calcium	44-1	3.59	3.63	4.01	3.74	6.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	0.02	-0.03	-0.01		ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	-0.02	0.00	-0.03	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				109		%
Iron	56-2	-0.16	-0.25	-0.10	-0.17		ppb
Iron	57-2	-0.59	0.08	0.44	-0.03		ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB144323BL	Instrumnet Name :	P7
Client Sample ID :	PBS323	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:03:27	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-0.32	-0.09	-0.70	-0.37		ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.01	0.01	14.86	ppb
Lead	207-1	0.02	0.03	0.02	0.02	12.67	ppb
Lead	208-1	0.01	0.02	0.01	0.01	9.05	ppb
Lithium	6-1				104		%
Magnesium	24-2	-0.03	0.31	0.11	0.13	129.63	ppb
Manganese	55-2	0.00	-0.01	-0.02	-0.01		ppb
Molybdenum	94-1	0.00	0.01	-0.01	0.00		ppb
Molybdenum	95-1	-0.01	0.00	-0.02	-0.01		ppb
Molybdenum	96-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	97-1	-0.03	0.01	-0.01	-0.01		ppb
Molybdenum	98-1	0.00	-0.01	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	0.03	0.01	382.02	ppb
Phosphorus	31-2	-16.34	-12.95	-18.91	-16.06		ppb
Potassium	39-2	4.27	4.80	6.52	5.20	22.68	ppb
Rhodium	103-1				112		%
Rhodium	103-2				109		%
Scandium	45-1				114		%
Scandium	45-2				109		%
Selenium	82-1	0.24	-0.37	-0.31	-0.15		ppb
Selenium	77-2	-0.02	-0.18	0.15	-0.01		ppb
Selenium	78-2	0.34	0.38	-0.52	0.06	803.65	ppb
Silicon	28-1	1.28	1.30	1.48	1.35	8.17	ppb
Silver	107-1	0.04	0.02	0.03	0.03	39.60	ppb
Silver	109-1	0.03	0.03	0.04	0.03	21.92	ppb
Sodium	23-2	5.45	5.21	4.65	5.10	8.04	ppb
Strontium	86-1	0.05	0.11	-0.12	0.02	712.15	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	71.56	ppb
Sulfur	34-1	-175.86	-207.61	-64.10	-149.19		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.02	-0.02	-0.01	-0.01		ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB144323BL	Instrumnet Name :	P7
Client Sample ID :	PBS323	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:03:27	DataFile Name :	045CCBE.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	-0.14	-0.13	-0.12	-0.13		ppb
Titanium	47-1	-0.03	0.03	0.02	0.01	616.28	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	0.00	0.00	0.00		ppb
Yttrium	89-1				112		%
Yttrium	89-2				110		%
Zinc	66-2	0.00	0.11	0.02	0.04	141.10	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	333.34	ppb
Zirconium	91-1	0.01	0.02	0.00	0.01	91.54	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB144323BS	Instrumnet Name :	P7
Client Sample ID :	LCS323	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:06:20	DataFile Name :	046LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.74	39.25	39.72	39.57	0.70	ppb
Antimony	121-1	3.79	3.76	3.86	3.80	1.44	ppb
Arsenic	75-2	2.07	1.98	2.06	2.04	2.18	ppb
Barium	135-1	18.48	17.73	18.54	18.25	2.48	ppb
Barium	137-1	18.29	18.22	18.24	18.25	0.18	ppb
Beryllium	9-1	1.94	1.84	1.97	1.92	3.44	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	27.04	28.80	28.50	28.11	3.34	ppb
Boron	11-1	28.63	28.67	30.18	29.16	3.03	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	2.08	2.00	2.20	2.09	4.74	ppb
Cadmium	106-1	3.09	1.43	3.73	2.75	43.08	ppb
Cadmium	108-1	1.91	1.69	2.12	1.91	11.46	ppb
Calcium	43-1	976.57	940.58	958.74	958.63	1.88	ppb
Calcium	44-1	947.87	945.53	952.95	948.79	0.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.01	3.93	3.85	3.93	2.05	ppb
Cobalt	59-2	2.02	1.97	1.94	1.98	1.87	ppb
Copper	63-2	3.83	3.92	3.86	3.87	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				107		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				109		%
Iron	56-2	401.27	389.52	393.06	394.62	1.53	ppb
Iron	57-2	392.64	379.26	382.39	384.76	1.82	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB144323BS	Instrumnet Name :	P7
Client Sample ID :	LCS323	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:06:20	DataFile Name :	046LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	400.40	391.41	394.07	395.29	1.17	ppb
Krypton	83-1						cps
Lead	206-1	1.73	1.83	1.71	1.76	3.69	ppb
Lead	207-1	1.64	1.74	1.65	1.68	3.00	ppb
Lead	208-1	1.68	1.74	1.68	1.70	2.22	ppb
Lithium	6-1				104		%
Magnesium	24-2	974.20	971.51	966.11	970.61	0.42	ppb
Manganese	55-2	1.96	1.90	1.92	1.93	1.47	ppb
Molybdenum	94-1	5.18	5.06	5.13	5.12	1.17	ppb
Molybdenum	95-1	2.10	2.06	2.15	2.10	2.00	ppb
Molybdenum	96-1	2.46	2.38	2.42	2.42	1.83	ppb
Molybdenum	97-1	2.11	2.02	2.08	2.07	2.24	ppb
Molybdenum	98-1	2.07	2.14	2.14	2.12	1.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.99	2.10	2.10	2.06	3.08	ppb
Phosphorus	31-2	-8.24	-3.57	-2.54	-4.78		ppb
Potassium	39-2	1011.40	988.78	996.50	998.89	1.15	ppb
Rhodium	103-1				111		%
Rhodium	103-2				107		%
Scandium	45-1				113		%
Scandium	45-2				109		%
Selenium	82-1	10.96	8.66	10.61	10.08	12.31	ppb
Selenium	77-2	10.86	10.04	6.98	9.29	22.02	ppb
Selenium	78-2	9.35	11.93	10.35	10.54	12.33	ppb
Silicon	28-1	3.97	3.85	3.77	3.87	2.62	ppb
Silver	107-1	1.76	1.95	1.93	1.88	5.61	ppb
Silver	109-1	1.78	1.88	1.95	1.87	4.58	ppb
Sodium	23-2	964.87	935.12	946.37	948.79	1.58	ppb
Strontium	86-1	1.94	1.98	1.81	1.91	4.74	ppb
Strontium	88-1	1.91	1.91	1.90	1.90	0.13	ppb
Sulfur	34-1	-2.79	-69.19	-58.27	-43.42		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	1.69	1.67	1.77	1.71	3.04	ppb
Thallium	205-1	1.68	1.76	1.72	1.72	2.42	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB144323BS	Instrumnet Name :	P7
Client Sample ID :	LCS323	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:06:20	DataFile Name :	046LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	1.49	1.55	1.53	1.52	1.96	ppb
Tin	118-1	-0.09	-0.09	-0.10	-0.10		ppb
Titanium	47-1	8.87	8.96	9.20	9.01	1.89	ppb
Uranium	238-1	1.45	1.49	1.50	1.48	1.90	ppb
Vanadium	51-2	9.51	9.32	9.36	9.40	1.06	ppb
Yttrium	89-1				111		%
Yttrium	89-2				109		%
Zinc	66-2	9.51	9.44	9.62	9.52	0.99	ppb
Zirconium	90-1	1.86	1.87	1.83	1.85	1.25	ppb
Zirconium	91-1	1.82	1.71	1.75	1.76	2.98	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB146268BL	Instrumnet Name :	P7
Client Sample ID :	PB146268BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:09:14	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.21	-0.17	-0.23	-0.20		ppb
Antimony	121-1	0.01	0.00	0.00	0.00	63.25	ppb
Arsenic	75-2	-0.02	-0.02	-0.02	-0.02		ppb
Barium	135-1	0.00	-0.01	0.01	0.00	373.77	ppb
Barium	137-1	0.00	0.00	-0.01	0.00		ppb
Beryllium	9-1	0.00	0.00	0.01	0.00	211.46	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	1.36	1.36	0.86	1.19	24.57	ppb
Boron	11-1	1.29	1.09	1.00	1.13	13.17	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.03	0.00	0.09	0.02	314.70	ppb
Cadmium	106-1	-0.33	0.08	1.23	0.33	246.44	ppb
Cadmium	108-1	-0.01	-0.05	0.02	-0.01		ppb
Calcium	43-1	0.31	0.01	1.37	0.56	127.65	ppb
Calcium	44-1	1.55	1.31	1.95	1.60	20.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.04	-0.01	-0.03		ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	-0.03	-0.01	-0.02	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				109		%
Iron	56-2	-0.20	-0.07	-0.14	-0.14		ppb
Iron	57-2	-0.76	-0.51	0.02	-0.42		ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB146268BL	Instrumnet Name :	P7
Client Sample ID :	PB146268BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:09:14	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-0.76	-0.90	-0.18	-0.62		ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.01	0.01	14.32	ppb
Lead	207-1	0.03	0.01	0.03	0.03	48.27	ppb
Lead	208-1	0.02	0.01	0.02	0.02	19.59	ppb
Lithium	6-1				105		%
Magnesium	24-2	-0.15	-0.21	0.03	-0.11		ppb
Manganese	55-2	-0.01	-0.01	-0.02	-0.01		ppb
Molybdenum	94-1	0.04	0.00	-0.01	0.01	330.61	ppb
Molybdenum	95-1	-0.01	-0.02	-0.01	-0.01		ppb
Molybdenum	96-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	97-1	-0.01	-0.02	-0.02	-0.02		ppb
Molybdenum	98-1	-0.01	-0.01	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.03	0.01	0.01	138.75	ppb
Phosphorus	31-2	-8.35	-9.96	-16.77	-11.69		ppb
Potassium	39-2	6.91	3.54	5.51	5.32	31.83	ppb
Rhodium	103-1				111		%
Rhodium	103-2				108		%
Scandium	45-1				113		%
Scandium	45-2				109		%
Selenium	82-1	1.22	0.39	0.64	0.75	56.52	ppb
Selenium	77-2	0.15	-0.18	-0.18	-0.07		ppb
Selenium	78-2	-0.10	1.03	-0.16	0.25	264.96	ppb
Silicon	28-1	1.36	1.56	1.53	1.48	7.35	ppb
Silver	107-1	0.04	0.04	0.02	0.03	29.09	ppb
Silver	109-1	0.04	0.03	0.02	0.03	27.02	ppb
Sodium	23-2	3.87	4.44	4.53	4.28	8.38	ppb
Strontium	86-1	-0.04	0.00	-0.03	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-86.21	3.31	-22.96	-35.28		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	-0.03	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.01	-0.01		ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB146268BL	Instrumnet Name :	P7
Client Sample ID :	PB146268BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:09:14	DataFile Name :	047CCBE.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	-0.15	-0.15	-0.14	-0.15		ppb
Titanium	47-1	-0.04	-0.02	-0.03	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	1552.98	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				110		%
Yttrium	89-2				109		%
Zinc	66-2	-0.07	0.01	-0.05	-0.04		ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb
Zirconium	91-1	0.00	0.01	0.00	0.00	235.01	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB146268BS	Instrumnet Name :	P7
Client Sample ID :	PB146268BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:12:06	DataFile Name :	048LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10429.09	10230.74	10340.51	10333.45	0.96	ppb
Antimony	121-1	498.90	512.54	523.01	511.48	2.36	ppb
Arsenic	75-2	515.37	506.32	500.80	507.50	1.45	ppb
Barium	135-1	2512.19	2553.39	2586.00	2550.53	1.45	ppb
Barium	137-1	2501.67	2550.63	2582.96	2545.09	1.61	ppb
Beryllium	9-1	503.43	508.09	514.99	508.84	1.14	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	10-1	470.25	486.63	503.85	486.91	3.45	ppb
Boron	11-1	483.37	508.71	526.13	506.07	4.25	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	499.44	509.41	516.54	508.47	1.69	ppb
Cadmium	106-1	510.15	517.12	533.96	520.41	2.35	ppb
Cadmium	108-1	511.59	521.13	535.78	522.83	2.33	ppb
Calcium	43-1	48716.75	50822.40	50072.10	49870.42	2.14	ppb
Calcium	44-1	48630.84	49739.83	49367.64	49246.11	1.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	508.57	505.11	505.19	506.29	0.39	ppb
Cobalt	59-2	517.93	510.56	509.55	512.68	0.89	ppb
Copper	63-2	5121.77	5114.83	5057.44	5098.01	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	26330.08	25966.02	25844.27	26046.79	0.97	ppb
Iron	57-2	26217.55	25728.39	25853.27	25933.07	0.98	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB146268BS	Instrumnet Name :	P7
Client Sample ID :	PB146268BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:12:06	DataFile Name :	048LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	26537.60	26329.36	26208.61	26358.52	0.63	ppb
Krypton	83-1						cps
Lead	206-1	2449.16	2540.10	2549.67	2512.98	2.21	ppb
Lead	207-1	2402.28	2506.79	2504.16	2471.08	2.41	ppb
Lead	208-1	2437.02	2514.47	2509.39	2486.96	1.74	ppb
Lithium	6-1				103		%
Magnesium	24-2	53344.08	52555.98	52363.37	52754.48	0.98	ppb
Manganese	55-2	5093.98	5009.22	5040.34	5047.85	0.85	ppb
Molybdenum	94-1	5005.57	4971.72	5035.86	5004.38	0.64	ppb
Molybdenum	95-1	4974.01	5000.01	5066.50	5013.51	0.95	ppb
Molybdenum	96-1	5001.95	5018.72	5067.29	5029.32	0.67	ppb
Molybdenum	97-1	4963.07	5000.07	5048.32	5003.82	0.85	ppb
Molybdenum	98-1	4951.35	5038.43	5031.36	5007.05	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.66	489.40	481.33	486.13	0.87	ppb
Phosphorus	31-2	10268.39	10212.47	10388.86	10289.91	0.88	ppb
Potassium	39-2	25672.93	25600.78	25395.74	25556.48	0.56	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				109		%
Scandium	45-2				103		%
Selenium	82-1	502.16	510.10	508.17	506.81	0.82	ppb
Selenium	77-2	523.18	522.06	508.49	517.91	1.58	ppb
Selenium	78-2	520.51	513.51	509.72	514.58	1.06	ppb
Silicon	28-1	524.34	531.99	530.11	528.81	0.75	ppb
Silver	107-1	525.61	516.46	540.02	527.37	2.25	ppb
Silver	109-1	523.48	534.22	543.44	533.71	1.87	ppb
Sodium	23-2	52029.33	51689.84	51550.74	51756.64	0.48	ppb
Strontium	86-1	496.09	502.66	497.97	498.91	0.68	ppb
Strontium	88-1	495.21	505.79	507.93	502.98	1.35	ppb
Sulfur	34-1	11468.93	11838.79	11532.87	11613.53	1.70	ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	491.51	505.08	517.39	504.66	2.56	ppb
Thallium	205-1	488.72	506.41	515.92	503.68	2.74	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB146268BS	Instrumnet Name :	P7
Client Sample ID :	PB146268BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:12:06	DataFile Name :	048LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	467.74	484.18	481.43	477.79	1.84	ppb
Tin	118-1	504.73	519.98	528.06	517.59	2.29	ppb
Titanium	47-1	4950.43	5046.41	5023.81	5006.88	1.00	ppb
Uranium	238-1	465.28	475.91	478.38	473.19	1.47	ppb
Vanadium	51-2	509.02	510.61	501.51	507.05	0.96	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	5125.62	5027.86	5059.02	5070.83	0.98	ppb
Zirconium	90-1	492.89	498.01	504.29	498.39	1.15	ppb
Zirconium	91-1	498.32	503.14	506.43	502.63	0.81	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB146267BL	Instrumnet Name :	P7
Client Sample ID :	PB146267BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:21:22	DataFile Name :	049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.06	-0.09	-0.01	-0.05		ppb
Antimony	121-1	0.09	0.08	0.08	0.08	6.99	ppb
Arsenic	75-2	0.00	-0.01	-0.03	-0.01		ppb
Barium	135-1	0.12	0.04	0.01	0.06	98.95	ppb
Barium	137-1	0.09	0.01	0.01	0.03	132.96	ppb
Beryllium	9-1	0.03	0.01	0.01	0.01	68.90	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	10-1	2.05	2.45	1.89	2.13	13.49	ppb
Boron	11-1	2.16	2.34	2.28	2.26	4.06	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.09	-0.09	0.02	-0.05		ppb
Cadmium	106-1	-1.73	-1.35	0.17	-0.97		ppb
Cadmium	108-1	-0.07	-0.09	-0.05	-0.07		ppb
Calcium	43-1	1.36	1.52	-0.23	0.88	109.47	ppb
Calcium	44-1	5.43	6.44	4.04	5.30	22.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.01	-0.02	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.00	0.01	0.03	0.01	106.59	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				104		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				109		%
Iron	56-2	-0.26	-0.01	-0.15	-0.14		ppb
Iron	57-2	-0.34	-0.25	-0.16	-0.25		ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB146267BL	Instrumnet Name :	P7
Client Sample ID :	PB146267BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:21:22	DataFile Name :	049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-1.15	-0.01	-0.32	-0.49		ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.06	0.04	0.08	50.17	ppb
Lead	207-1	0.13	0.07	0.06	0.09	45.61	ppb
Lead	208-1	0.13	0.06	0.05	0.08	52.65	ppb
Lithium	6-1				99		%
Magnesium	24-2	0.31	0.03	0.19	0.18	78.07	ppb
Manganese	55-2	0.00	0.04	0.03	0.02	100.21	ppb
Molybdenum	94-1	0.23	0.04	0.04	0.10	107.66	ppb
Molybdenum	95-1	0.21	0.07	0.03	0.10	93.94	ppb
Molybdenum	96-1	0.25	0.09	0.05	0.13	83.79	ppb
Molybdenum	97-1	0.18	0.03	0.06	0.09	84.55	ppb
Molybdenum	98-1	0.22	0.08	0.05	0.12	81.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.02	0.01	-0.01		ppb
Phosphorus	31-2	-15.66	-17.36	-11.85	-14.96		ppb
Potassium	39-2	-4.13	4.44	1.67	0.66	663.68	ppb
Rhodium	103-1				105		%
Rhodium	103-2				107		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	82-1	1.34	0.86	1.06	1.08	22.38	ppb
Selenium	77-2	-0.18	-0.18	-0.18	-0.18		ppb
Selenium	78-2	0.05	0.40	-0.32	0.04	879.24	ppb
Silicon	28-1	1.73	2.91	1.86	2.17	29.85	ppb
Silver	107-1	0.02	0.02	0.01	0.02	23.70	ppb
Silver	109-1	0.02	0.01	0.02	0.02	22.72	ppb
Sodium	23-2	4.78	6.85	6.34	5.99	18.01	ppb
Strontium	86-1	0.06	0.37	0.00	0.14	138.09	ppb
Strontium	88-1	0.02	0.01	0.01	0.01	85.80	ppb
Sulfur	34-1	-623.54	91.74	-432.83	-321.54		ppb
Terbium	159-1				104		%
Terbium	159-2				108		%
Thallium	203-1	0.01	0.01	-0.02	0.00	1045.57	ppb
Thallium	205-1	0.02	0.01	-0.01	0.00	480.28	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB146267BL	Instrumnet Name :	P7
Client Sample ID :	PB146267BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:21:22	DataFile Name :	049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.02	0.01	0.00	0.01	72.78	ppb
Tin	118-1	-0.12	-0.13	-0.14	-0.13		ppb
Titanium	47-1	0.19	0.01	0.05	0.08	111.66	ppb
Uranium	238-1	0.02	0.00	0.00	0.01	104.95	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				103		%
Yttrium	89-2				106		%
Zinc	66-2	-0.05	0.00	-0.01	-0.02		ppb
Zirconium	90-1	0.02	0.01	0.00	0.01	78.36	ppb
Zirconium	91-1	0.03	0.00	0.01	0.01	96.88	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB146267BS	Instrumnet Name :	P7
Client Sample ID :	PB146267BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:24:15	DataFile Name :	050LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10212.04	10208.35	10335.03	10251.81	0.70	ppb
Antimony	121-1	510.55	514.70	510.68	511.98	0.46	ppb
Arsenic	75-2	506.69	499.92	503.18	503.27	0.67	ppb
Barium	135-1	2530.47	2537.03	2517.75	2528.42	0.39	ppb
Barium	137-1	2502.70	2509.79	2512.40	2508.30	0.20	ppb
Beryllium	9-1	506.32	497.49	516.37	506.72	1.86	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	460.92	480.95	493.96	478.61	3.48	ppb
Boron	11-1	488.99	490.84	507.09	495.64	2.01	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	503.79	505.48	499.32	502.86	0.63	ppb
Cadmium	106-1	509.37	513.36	511.73	511.49	0.39	ppb
Cadmium	108-1	508.49	520.16	503.74	510.80	1.65	ppb
Calcium	43-1	48261.60	49988.33	49767.91	49339.28	1.90	ppb
Calcium	44-1	48220.14	49664.22	48958.57	48947.64	1.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	497.85	501.57	498.89	499.44	0.38	ppb
Cobalt	59-2	501.47	502.28	505.26	503.00	0.40	ppb
Copper	63-2	5058.55	5048.06	5054.53	5053.72	0.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	25846.41	25887.65	26398.62	26044.23	1.18	ppb
Iron	57-2	25609.73	25510.51	25797.94	25639.39	0.57	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB146267BS	Instrumnet Name :	P7
Client Sample ID :	PB146267BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:24:15	DataFile Name :	050LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	26017.09	26125.32	26147.77	26096.73	0.27	ppb
Krypton	83-1						cps
Lead	206-1	2448.86	2518.72	2522.91	2496.83	1.67	ppb
Lead	207-1	2399.80	2474.00	2461.58	2445.13	1.63	ppb
Lead	208-1	2429.24	2488.75	2477.19	2465.06	1.28	ppb
Lithium	6-1				100		%
Magnesium	24-2	52580.08	53034.64	52705.05	52773.26	0.44	ppb
Manganese	55-2	5019.05	5050.14	5102.66	5057.28	0.84	ppb
Molybdenum	94-1	4934.39	5033.97	5017.86	4995.41	1.07	ppb
Molybdenum	95-1	4912.80	5018.61	5010.30	4980.57	1.18	ppb
Molybdenum	96-1	4966.07	4998.44	5005.74	4990.09	0.42	ppb
Molybdenum	97-1	4973.32	4992.82	4966.52	4977.55	0.27	ppb
Molybdenum	98-1	4987.45	5001.21	4986.30	4991.66	0.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	472.93	481.60	480.97	478.50	1.01	ppb
Phosphorus	31-2	10308.55	10126.58	10235.41	10223.51	0.90	ppb
Potassium	39-2	25299.96	25525.62	25614.32	25479.97	0.64	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	82-1	499.11	501.64	506.08	502.28	0.70	ppb
Selenium	77-2	526.40	512.95	509.51	516.29	1.73	ppb
Selenium	78-2	510.35	506.29	506.78	507.81	0.44	ppb
Silicon	28-1	514.64	532.34	517.71	521.56	1.81	ppb
Silver	107-1	520.49	516.89	510.77	516.05	0.95	ppb
Silver	109-1	526.77	529.05	518.66	524.83	1.04	ppb
Sodium	23-2	51684.30	52082.17	52441.39	52069.29	0.73	ppb
Strontium	86-1	489.09	495.06	493.97	492.70	0.65	ppb
Strontium	88-1	488.57	501.07	497.83	495.82	1.31	ppb
Sulfur	34-1	10935.13	11359.88	11171.57	11155.53	1.91	ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	487.87	507.90	499.26	498.35	2.02	ppb
Thallium	205-1	486.60	506.03	504.90	499.17	2.19	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB146267BS	Instrumnet Name :	P7
Client Sample ID :	PB146267BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:24:15	DataFile Name :	050LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	466.41	481.84	481.89	476.71	1.87	ppb
Tin	118-1	513.61	514.55	512.40	513.52	0.21	ppb
Titanium	47-1	4965.37	5028.85	4940.00	4978.08	0.92	ppb
Uranium	238-1	462.25	477.26	463.46	467.66	1.78	ppb
Vanadium	51-2	495.00	500.11	503.03	499.38	0.81	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	5045.16	5043.44	5033.00	5040.53	0.13	ppb
Zirconium	90-1	493.88	499.76	498.77	497.47	0.63	ppb
Zirconium	91-1	501.67	502.97	506.15	503.59	0.46	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	CCV60	Instrumnet Name :	P7
Client Sample ID :	CCV60	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:33:51	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50894.00	50031.34	49723.89	50216.41	1.21	ppb
Antimony	121-1	510.50	528.98	521.07	520.18	1.78	ppb
Arsenic	75-2	489.62	490.82	477.40	485.95	1.53	ppb
Barium	135-1	2442.94	2509.38	2486.02	2479.45	1.36	ppb
Barium	137-1	2435.77	2537.01	2485.53	2486.11	2.04	ppb
Beryllium	9-1	505.82	514.06	503.32	507.73	1.11	ppb
Bismuth	209-1				96		%
Bismuth	209-2				92		%
Boron	10-1	509.04	540.97	552.90	534.30	4.24	ppb
Boron	11-1	530.19	558.18	561.49	549.95	3.13	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	484.37	502.70	496.60	494.56	1.89	ppb
Cadmium	106-1	502.32	518.15	514.34	511.61	1.61	ppb
Cadmium	108-1	510.86	519.74	512.01	514.20	0.94	ppb
Calcium	43-1	235176.96	238065.33	241554.23	238265.51	1.34	ppb
Calcium	44-1	234508.14	239572.09	239832.24	237970.82	1.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	494.01	499.85	489.78	494.55	1.02	ppb
Cobalt	59-2	480.98	490.22	484.48	485.23	0.96	ppb
Copper	63-2	4949.74	5017.39	4958.80	4975.31	0.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	122446.42	125580.64	122435.84	123487.63	1.47	ppb
Iron	57-2	122570.22	123679.93	122731.78	122993.97	0.49	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	CCV60	Instrumnet Name :	P7
Client Sample ID :	CCV60	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:33:51	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	123315.78	124763.48	122322.51	123467.26	0.99	ppb
Krypton	83-1						cps
Lead	206-1	2523.47	2541.87	2551.90	2539.08	0.57	ppb
Lead	207-1	2462.57	2494.67	2506.37	2487.87	0.91	ppb
Lead	208-1	2479.43	2498.66	2517.71	2498.60	0.77	ppb
Lithium	6-1				97		%
Magnesium	24-2	253355.12	253684.89	257033.11	254691.04	0.80	ppb
Manganese	55-2	4897.26	4990.80	4842.49	4910.18	1.53	ppb
Molybdenum	94-1	4932.95	4950.26	4964.60	4949.27	0.32	ppb
Molybdenum	95-1	4962.66	4964.84	4963.33	4963.61	0.02	ppb
Molybdenum	96-1	4996.86	4966.74	4990.85	4984.82	0.32	ppb
Molybdenum	97-1	4979.47	4935.57	4950.49	4955.17	0.45	ppb
Molybdenum	98-1	4974.24	4917.55	4958.07	4949.95	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	472.51	478.67	470.73	473.97	0.88	ppb
Phosphorus	31-2	10131.21	10177.41	10128.88	10145.83	0.27	ppb
Potassium	39-2	125176.36	127315.14	124291.71	125594.40	1.24	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				107		%
Scandium	45-2				103		%
Selenium	82-1	471.02	467.79	477.62	472.15	1.06	ppb
Selenium	77-2	493.66	486.09	496.07	491.94	1.06	ppb
Selenium	78-2	478.23	485.49	481.99	481.90	0.75	ppb
Silicon	28-1	568.97	584.76	593.15	582.30	2.11	ppb
Silver	107-1	505.91	520.80	521.72	516.14	1.72	ppb
Silver	109-1	510.86	518.28	518.75	515.96	0.86	ppb
Sodium	23-2	252630.63	256999.73	246417.50	252015.95	2.11	ppb
Strontium	86-1	490.37	491.28	486.87	489.51	0.48	ppb
Strontium	88-1	489.96	492.39	493.73	492.03	0.39	ppb
Sulfur	34-1	9823.48	10112.77	10245.38	10060.55	2.14	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	505.83	507.28	517.46	510.19	1.24	ppb
Thallium	205-1	507.84	509.85	514.54	510.75	0.67	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	CCV60	Instrumnet Name :	P7
Client Sample ID :	CCV60	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:33:51	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	493.39	496.50	499.69	496.53	0.63	ppb
Tin	118-1	494.00	511.71	501.13	502.28	1.77	ppb
Titanium	47-1	4754.68	4855.17	4857.20	4822.35	1.22	ppb
Uranium	238-1	482.70	490.07	496.41	489.73	1.40	ppb
Vanadium	51-2	496.71	495.30	497.08	496.37	0.19	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	4809.44	4809.57	4703.96	4774.32	1.28	ppb
Zirconium	90-1	496.48	494.69	502.56	497.91	0.83	ppb
Zirconium	91-1	505.92	495.67	504.16	501.92	1.09	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	CCB60	Instrumnet Name :	P7
Client Sample ID :	CCB60	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:39:53	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.31	0.49	0.64	0.48	34.70	ppb
Antimony	121-1	0.14	0.14	0.14	0.14	1.58	ppb
Arsenic	75-2	-0.01	-0.01	-0.02	-0.01		ppb
Barium	135-1	0.06	0.04	0.04	0.05	28.13	ppb
Barium	137-1	0.03	0.03	0.03	0.03	16.18	ppb
Beryllium	9-1	0.01	0.02	0.02	0.02	36.60	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	10-1	6.33	6.45	5.43	6.07	9.15	ppb
Boron	11-1	6.59	6.28	6.05	6.31	4.32	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.00	-0.11	0.00	-0.04		ppb
Cadmium	106-1	-0.29	-1.58	-0.38	-0.75		ppb
Cadmium	108-1	-0.01	0.04	-0.01	0.01	387.79	ppb
Calcium	43-1	2.99	0.52	2.87	2.13	65.41	ppb
Calcium	44-1	8.79	8.83	7.60	8.41	8.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	0.01	0.00	-0.01		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	17.55	ppb
Copper	63-2	0.06	0.07	0.05	0.06	23.53	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				107		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				108		%
Iron	56-2	0.98	0.89	1.01	0.96	6.19	ppb
Iron	57-2	1.84	1.74	0.91	1.50	34.07	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	CCB60	Instrumnet Name :	P7
Client Sample ID :	CCB60	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:39:53	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.65	0.02	0.20	0.29	111.35	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.12	0.11	0.11	2.99	ppb
Lead	207-1	0.13	0.13	0.12	0.13	7.31	ppb
Lead	208-1	0.12	0.12	0.11	0.12	3.35	ppb
Lithium	6-1				101		%
Magnesium	24-2	2.64	2.44	2.31	2.46	6.84	ppb
Manganese	55-2	0.05	0.02	0.04	0.04	34.51	ppb
Molybdenum	94-1	0.11	0.09	0.10	0.10	9.71	ppb
Molybdenum	95-1	0.10	0.10	0.09	0.10	6.50	ppb
Molybdenum	96-1	0.12	0.13	0.08	0.11	23.22	ppb
Molybdenum	97-1	0.12	0.11	0.09	0.11	16.38	ppb
Molybdenum	98-1	0.11	0.10	0.08	0.09	17.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	0.01	0.00	405.07	ppb
Phosphorus	31-2	-13.90	-7.27	-20.68	-13.95		ppb
Potassium	39-2	14.31	12.97	15.02	14.10	7.40	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				110		%
Scandium	45-2				107		%
Selenium	82-1	0.25	-0.02	-0.48	-0.08		ppb
Selenium	77-2	-0.18	-0.18	-0.01	-0.12		ppb
Selenium	78-2	0.13	-0.14	0.18	0.06	288.95	ppb
Silicon	28-1	1.89	1.99	1.59	1.82	11.43	ppb
Silver	107-1	0.04	0.04	0.03	0.04	8.06	ppb
Silver	109-1	0.03	0.04	0.04	0.04	16.09	ppb
Sodium	23-2	30.30	28.81	27.27	28.79	5.26	ppb
Strontium	86-1	0.14	-0.07	-0.03	0.01	882.87	ppb
Strontium	88-1	0.00	0.01	0.01	0.01	37.83	ppb
Sulfur	34-1	-752.48	-746.78	-823.08	-774.11		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.02	0.03	0.02	0.02	38.39	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	10.54	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	CCB60	Instrumnet Name :	P7
Client Sample ID :	CCB60	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:39:53	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.00	0.01	0.01	24.67	ppb
Tin	118-1	-0.13	-0.12	-0.13	-0.13		ppb
Titanium	47-1	0.04	0.07	0.06	0.06	26.96	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	41.84	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	101.58	ppb
Yttrium	89-1				108		%
Yttrium	89-2				108		%
Zinc	66-2	0.06	0.11	0.05	0.07	39.96	ppb
Zirconium	90-1	0.02	0.00	0.01	0.01	86.93	ppb
Zirconium	91-1	0.04	0.02	0.03	0.03	20.93	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB146320BL	Instrumnet Name :	P7
Client Sample ID :	PB146320BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:42:47	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.05	-0.02	0.23	0.09	148.81	ppb
Antimony	121-1	0.05	0.06	0.07	0.06	15.68	ppb
Arsenic	75-2	-0.02	-0.01	-0.02	-0.01		ppb
Barium	135-1	0.04	0.02	0.02	0.03	32.80	ppb
Barium	137-1	0.02	0.00	0.02	0.01	75.01	ppb
Beryllium	9-1	0.02	0.03	0.03	0.03	18.33	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	10-1	4.40	3.78	3.65	3.94	10.13	ppb
Boron	11-1	4.13	3.84	4.23	4.06	4.89	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.05	0.03	-0.01	0.03	111.74	ppb
Cadmium	106-1	0.56	0.22	-0.23	0.19	213.18	ppb
Cadmium	108-1	-0.09	-0.07	-0.11	-0.09		ppb
Calcium	43-1	2.04	1.28	-0.73	0.86	165.96	ppb
Calcium	44-1	10.09	10.78	11.54	10.80	6.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	0.04	-0.02	0.00		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	198.81	ppb
Copper	63-2	0.04	0.04	0.04	0.04	6.33	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				109		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				109		%
Iron	56-2	0.35	0.53	0.33	0.40	26.52	ppb
Iron	57-2	0.06	-0.06	0.23	0.08	183.48	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB146320BL	Instrumnet Name :	P7
Client Sample ID :	PB146320BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:42:47	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.24	0.11	-0.71	-0.12		ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.12	0.08	0.10	16.41	ppb
Lead	207-1	0.09	0.11	0.10	0.10	9.88	ppb
Lead	208-1	0.10	0.11	0.09	0.10	6.78	ppb
Lithium	6-1				101		%
Magnesium	24-2	1.58	1.24	1.55	1.46	12.79	ppb
Manganese	55-2	0.05	0.05	0.05	0.05	1.84	ppb
Molybdenum	94-1	0.12	0.05	0.04	0.07	67.54	ppb
Molybdenum	95-1	0.05	0.06	0.04	0.05	15.61	ppb
Molybdenum	96-1	0.08	0.06	0.04	0.06	37.32	ppb
Molybdenum	97-1	0.03	0.04	0.04	0.04	13.54	ppb
Molybdenum	98-1	0.07	0.04	0.06	0.06	26.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	-0.01	0.01	175.51	ppb
Phosphorus	31-2	-15.50	-11.68	-14.98	-14.05		ppb
Potassium	39-2	13.66	13.94	13.97	13.86	1.26	ppb
Rhodium	103-1				109		%
Rhodium	103-2				107		%
Scandium	45-1				110		%
Scandium	45-2				107		%
Selenium	82-1	-0.48	-0.22	-1.04	-0.58		ppb
Selenium	77-2	0.32	-0.18	-0.18	-0.01		ppb
Selenium	78-2	0.25	0.29	-0.11	0.15	152.60	ppb
Silicon	28-1	1.64	1.87	1.86	1.79	7.10	ppb
Silver	107-1	0.02	0.02	0.01	0.02	15.66	ppb
Silver	109-1	0.03	0.03	0.02	0.02	24.24	ppb
Sodium	23-2	28.28	26.97	25.33	26.86	5.50	ppb
Strontium	86-1	-0.01	0.02	-0.06	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	43.35	ppb
Sulfur	34-1	-753.27	-761.84	-691.84	-735.65		ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	0.01	0.00	0.00	0.01	103.47	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	55.67	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB146320BL	Instrumnet Name :	P7
Client Sample ID :	PB146320BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:42:47	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	20.07	ppb
Tin	118-1	-0.14	-0.15	-0.13	-0.14		ppb
Titanium	47-1	0.03	0.00	0.01	0.01	166.28	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	28.63	ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	63.72	ppb
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	0.04	0.03	0.09	0.05	60.48	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	240.19	ppb
Zirconium	91-1	0.01	0.03	0.00	0.01	109.56	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB146320BS	Instrumnet Name :	P7
Client Sample ID :	PB146320BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:45:41	DataFile Name :	055DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10141.73	10254.14	10160.03	10185.30	0.59	ppb
Antimony	121-1	523.83	521.64	499.14	514.87	2.65	ppb
Arsenic	75-2	504.89	505.48	503.45	504.61	0.21	ppb
Barium	135-1	2592.68	2572.22	2485.51	2550.14	2.23	ppb
Barium	137-1	2587.62	2578.04	2464.56	2543.41	2.69	ppb
Beryllium	9-1	517.73	504.81	493.45	505.33	2.40	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	450.81	487.64	481.63	473.36	4.17	ppb
Boron	11-1	483.94	506.47	503.71	498.04	2.47	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	523.60	512.16	492.70	509.49	3.07	ppb
Cadmium	106-1	536.06	526.90	508.82	523.93	2.65	ppb
Cadmium	108-1	532.54	525.10	504.13	520.59	2.83	ppb
Calcium	43-1	49507.26	49944.86	48085.56	49179.23	1.98	ppb
Calcium	44-1	49483.75	49329.04	46945.48	48586.09	2.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	504.34	501.66	499.17	501.72	0.51	ppb
Cobalt	59-2	500.88	502.06	500.93	501.29	0.13	ppb
Copper	63-2	5000.07	5031.92	4937.61	4989.86	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	25683.21	25745.73	25647.80	25692.24	0.19	ppb
Iron	57-2	25585.43	25317.03	25202.95	25368.47	0.77	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB146320BS	Instrumnet Name :	P7
Client Sample ID :	PB146320BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:45:41	DataFile Name :	055DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	26245.94	26230.83	26159.17	26211.98	0.18	ppb
Krypton	83-1						cps
Lead	206-1	2540.58	2544.69	2479.15	2521.48	1.46	ppb
Lead	207-1	2525.49	2471.00	2431.36	2475.95	1.91	ppb
Lead	208-1	2521.35	2497.52	2445.00	2487.96	1.57	ppb
Lithium	6-1				101		%
Magnesium	24-2	51901.89	52281.59	52301.75	52161.75	0.43	ppb
Manganese	55-2	5000.78	5015.97	5041.48	5019.41	0.41	ppb
Molybdenum	94-1	5075.35	4955.54	4829.54	4953.48	2.48	ppb
Molybdenum	95-1	5063.86	4955.46	4786.79	4935.37	2.83	ppb
Molybdenum	96-1	5093.01	5008.53	4793.19	4964.91	3.11	ppb
Molybdenum	97-1	5098.49	4980.50	4777.02	4952.01	3.28	ppb
Molybdenum	98-1	5061.55	4971.51	4794.31	4942.46	2.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	477.07	479.00	474.04	476.70	0.52	ppb
Phosphorus	31-2	10183.84	10142.20	10181.90	10169.31	0.23	ppb
Potassium	39-2	25349.81	25086.67	24976.85	25137.78	0.76	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				109		%
Scandium	45-2				106		%
Selenium	82-1	515.80	505.74	491.24	504.26	2.45	ppb
Selenium	77-2	519.23	511.14	509.28	513.22	1.03	ppb
Selenium	78-2	517.03	514.47	519.56	517.02	0.49	ppb
Silicon	28-1	512.75	524.17	493.94	510.29	2.99	ppb
Silver	107-1	538.28	534.64	515.09	529.34	2.36	ppb
Silver	109-1	549.29	535.38	512.56	532.41	3.48	ppb
Sodium	23-2	51121.58	51608.97	51313.50	51348.02	0.48	ppb
Strontium	86-1	505.70	501.67	480.89	496.09	2.68	ppb
Strontium	88-1	503.66	499.57	486.40	496.54	1.82	ppb
Sulfur	34-1	11221.69	10827.26	10011.73	10686.89	5.77	ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	509.00	516.54	495.58	507.04	2.09	ppb
Thallium	205-1	508.24	507.87	495.23	503.78	1.47	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB146320BS	Instrumnet Name :	P7
Client Sample ID :	PB146320BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:45:41	DataFile Name :	055DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	474.98	472.41	466.15	471.18	0.96	ppb
Tin	118-1	530.11	519.65	504.05	517.94	2.53	ppb
Titanium	47-1	5028.35	5072.50	4779.22	4960.02	3.19	ppb
Uranium	238-1	468.61	470.84	449.77	463.07	2.50	ppb
Vanadium	51-2	500.72	505.35	495.54	500.54	0.98	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	4983.17	5095.65	5013.77	5030.86	1.16	ppb
Zirconium	90-1	504.67	500.15	483.27	496.03	2.27	ppb
Zirconium	91-1	506.03	497.48	483.61	495.71	2.28	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	CCV61	Instrumnet Name :	P7
Client Sample ID :	CCV61	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:55:22	DataFile Name :	056CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50519.04	50128.04	50546.78	50397.95	0.46	ppb
Antimony	121-1	522.21	533.21	532.26	529.22	1.15	ppb
Arsenic	75-2	483.20	482.06	474.60	479.95	0.97	ppb
Barium	135-1	2521.55	2517.01	2555.04	2531.20	0.82	ppb
Barium	137-1	2490.42	2481.38	2511.52	2494.44	0.62	ppb
Beryllium	9-1	494.42	504.74	502.95	500.70	1.10	ppb
Bismuth	209-1				95		%
Bismuth	209-2				94		%
Boron	10-1	527.07	535.75	542.80	535.21	1.47	ppb
Boron	11-1	543.25	548.28	563.10	551.54	1.87	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	498.89	503.01	501.33	501.08	0.41	ppb
Cadmium	106-1	511.10	510.81	509.25	510.38	0.19	ppb
Cadmium	108-1	506.73	516.72	517.33	513.59	1.16	ppb
Calcium	43-1	242403.37	243531.70	246001.73	243978.93	0.75	ppb
Calcium	44-1	240080.50	241322.62	244737.25	242046.79	1.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	491.61	491.45	493.06	492.04	0.18	ppb
Cobalt	59-2	484.42	480.58	478.62	481.21	0.61	ppb
Copper	63-2	5002.59	4891.96	4961.00	4951.85	1.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				99		%
Indium	115-2				102		%
Iron	56-2	123809.03	121521.57	124090.18	123140.26	1.14	ppb
Iron	57-2	121152.78	122475.05	122612.39	122080.07	0.66	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	CCV61	Instrumnet Name :	P7
Client Sample ID :	CCV61	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:55:22	DataFile Name :	056CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	122088.72	122298.22	123496.46	122627.80	0.62	ppb
Krypton	83-1						cps
Lead	206-1	2589.39	2502.55	2534.16	2542.03	1.73	ppb
Lead	207-1	2524.42	2468.22	2488.13	2493.59	1.14	ppb
Lead	208-1	2550.64	2491.92	2512.08	2518.21	1.18	ppb
Lithium	6-1				96		%
Magnesium	24-2	259904.86	250403.62	255828.83	255379.11	1.87	ppb
Manganese	55-2	4874.46	4843.30	4871.73	4863.16	0.35	ppb
Molybdenum	94-1	4989.55	5016.58	5016.86	5007.67	0.31	ppb
Molybdenum	95-1	4994.48	5005.88	4957.58	4985.98	0.51	ppb
Molybdenum	96-1	4979.32	5041.68	4951.99	4991.00	0.92	ppb
Molybdenum	97-1	4975.27	5044.26	4951.64	4990.39	0.96	ppb
Molybdenum	98-1	4971.02	5075.54	5000.67	5015.74	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	476.78	468.49	475.90	473.72	0.96	ppb
Phosphorus	31-2	10129.77	10197.71	10043.74	10123.74	0.76	ppb
Potassium	39-2	123271.65	124704.27	124745.45	124240.46	0.68	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	477.57	479.71	476.12	477.80	0.38	ppb
Selenium	77-2	485.45	479.84	484.05	483.11	0.60	ppb
Selenium	78-2	478.15	485.72	473.07	478.98	1.33	ppb
Silicon	28-1	592.66	596.42	600.18	596.42	0.63	ppb
Silver	107-1	519.08	512.68	517.63	516.46	0.65	ppb
Silver	109-1	520.69	519.26	513.14	517.70	0.78	ppb
Sodium	23-2	251181.55	250992.18	252038.33	251404.02	0.22	ppb
Strontium	86-1	496.87	497.86	495.67	496.80	0.22	ppb
Strontium	88-1	499.48	503.15	494.80	499.14	0.84	ppb
Sulfur	34-1	10429.36	10276.45	10330.69	10345.50	0.75	ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	528.24	506.85	513.76	516.28	2.11	ppb
Thallium	205-1	521.74	503.57	507.08	510.80	1.89	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	CCV61	Instrumnet Name :	P7
Client Sample ID :	CCV61	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:55:22	DataFile Name :	056CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	500.20	490.95	506.35	499.17	1.55	ppb
Tin	118-1	502.52	507.22	514.57	508.10	1.20	ppb
Titanium	47-1	4836.24	4846.86	4954.23	4879.11	1.34	ppb
Uranium	238-1	497.23	483.73	497.20	492.72	1.58	ppb
Vanadium	51-2	504.50	494.45	499.31	499.42	1.01	ppb
Yttrium	89-1				103		%
Yttrium	89-2				105		%
Zinc	66-2	4794.16	4709.53	4713.72	4739.13	1.01	ppb
Zirconium	90-1	504.71	507.21	499.11	503.68	0.82	ppb
Zirconium	91-1	513.57	501.70	503.95	506.41	1.25	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	CCB61	Instrumnet Name :	P7
Client Sample ID :	CCB61	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 16:01:26	DataFile Name :	057CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.55	0.39	0.64	0.53	23.79	ppb
Antimony	121-1	0.13	0.13	0.16	0.14	11.91	ppb
Arsenic	75-2	-0.01	-0.01	0.00	-0.01		ppb
Barium	135-1	0.05	0.04	0.10	0.06	45.92	ppb
Barium	137-1	0.04	0.06	0.08	0.06	37.54	ppb
Beryllium	9-1	0.01	0.02	0.03	0.02	64.60	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	10-1	6.14	5.15	5.22	5.50	10.00	ppb
Boron	11-1	5.65	5.46	5.33	5.48	2.93	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.09	0.13	0.01	0.02	579.64	ppb
Cadmium	106-1	-1.60	1.46	-0.29	-0.14		ppb
Cadmium	108-1	-0.03	-0.03	-0.10	-0.05		ppb
Calcium	43-1	3.34	4.09	7.24	4.89	42.38	ppb
Calcium	44-1	10.07	10.98	10.44	10.50	4.37	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	0.01	176.01	ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	26.80	ppb
Copper	63-2	0.09	0.05	0.10	0.08	35.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				109		%
Iron	56-2	1.27	1.24	1.17	1.23	4.35	ppb
Iron	57-2	1.17	0.64	1.50	1.10	39.14	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	CCB61	Instrumnet Name :	P7
Client Sample ID :	CCB61	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 16:01:26	DataFile Name :	057CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1.05	0.62	1.86	1.17	53.80	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.12	0.14	0.13	6.43	ppb
Lead	207-1	0.14	0.13	0.16	0.14	8.14	ppb
Lead	208-1	0.13	0.13	0.14	0.13	6.84	ppb
Lithium	6-1				102		%
Magnesium	24-2	3.08	2.81	3.02	2.97	4.82	ppb
Manganese	55-2	0.09	0.07	0.06	0.07	20.71	ppb
Molybdenum	94-1	0.15	0.12	0.11	0.13	18.97	ppb
Molybdenum	95-1	0.16	0.10	0.10	0.12	28.31	ppb
Molybdenum	96-1	0.15	0.12	0.11	0.13	16.42	ppb
Molybdenum	97-1	0.13	0.12	0.13	0.13	6.73	ppb
Molybdenum	98-1	0.13	0.11	0.17	0.14	20.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.03	0.01	0.00		ppb
Phosphorus	31-2	-12.24	-11.38	-16.47	-13.36		ppb
Potassium	39-2	15.36	15.41	12.15	14.31	13.06	ppb
Rhodium	103-1				107		%
Rhodium	103-2				108		%
Scandium	45-1				109		%
Scandium	45-2				107		%
Selenium	82-1	0.61	0.48	0.52	0.54	12.55	ppb
Selenium	77-2	0.16	-0.18	-0.18	-0.07		ppb
Selenium	78-2	0.02	-0.03	0.30	0.10	183.07	ppb
Silicon	28-1	1.76	1.93	1.98	1.89	6.05	ppb
Silver	107-1	0.05	0.03	0.06	0.04	35.39	ppb
Silver	109-1	0.04	0.04	0.05	0.04	17.52	ppb
Sodium	23-2	29.50	30.04	29.14	29.56	1.53	ppb
Strontium	86-1	0.06	-0.04	0.00	0.01	717.26	ppb
Strontium	88-1	0.01	0.01	0.02	0.01	15.89	ppb
Sulfur	34-1	-900.84	-776.21	-785.86	-820.97		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.02	0.01	0.02	0.02	30.03	ppb
Thallium	205-1	0.02	0.02	0.03	0.02	21.56	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	CCB61	Instrumnet Name :	P7
Client Sample ID :	CCB61	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 16:01:26	DataFile Name :	057CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	30.04	ppb
Tin	118-1	-0.13	-0.12	-0.11	-0.12		ppb
Titanium	47-1	0.08	0.04	0.07	0.06	34.70	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	42.00	ppb
Vanadium	51-2	0.01	0.01	0.00	0.00	140.77	ppb
Yttrium	89-1				108		%
Yttrium	89-2				108		%
Zinc	66-2	0.08	0.13	0.10	0.10	24.66	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	54.57	ppb
Zirconium	91-1	0.06	0.02	0.01	0.03	99.37	ppb

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 11:45:28	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	172	122	206	167	25.17	cps
Antimony	121-1	83	25	58	56	52.68	cps
Arsenic	75-2	33	24	37	31	21.22	cps
Barium	135-1	50	8	50	36	66.62	cps
Barium	137-1	83	67	75	75	11.11	cps
Beryllium	9-1	40	37	33	37	9.10	cps
Bismuth	209-1	7569720	7777944	7844480	7730714	1.85	cps
Bismuth	209-2	6571784	6539380	6486476	6532547	0.66	cps
Boron	10-1	400	492	400	431	12.29	cps
Boron	11-1	1992	1975	1959	1975	0.84	cps
Bromine	81-1	10971	11555	10946	11157	3.09	cps
Bromine	81-2	30	120	50	67	70.89	cps
Cadmium	111-1	4095	4096	3820	4004	3.96	cps
Cadmium	106-1	5826	5860	5476	5721	3.71	cps
Cadmium	108-1	54	50	54	53	4.56	cps
Calcium	43-1	183	142	167	164	12.80	cps
Calcium	44-1	16109	16426	16051	16195	1.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2160	2340	2230	2244	4.05	cps
Cobalt	59-2	177	173	163	171	4.05	cps
Copper	63-2	760	960	917	879	11.97	cps
Dysprosium	156-1	17	8	33	19	65.47	cps
Dysprosium	156-2	13	17	10	13	25.01	cps
Erbium	164-1	58	92	83	78	22.31	cps
Erbium	164-2	43	53	50	49	10.42	cps
Gadolinium	160-1	50	67	50	56	17.32	cps
Gadolinium	160-2	173	143	193	170	14.80	cps
Holmium	165-1	11685714	11668881	12136459	11830352	2.24	cps
Holmium	165-2	8569905	8361241	8405010	8445385	1.30	cps
Indium	115-1	10058888	10112702	10328249	10166613	1.40	cps
Indium	115-2	3549675	3491960	3548671	3530102	0.94	cps
Iron	56-2	14863	15758	15569	15397	3.07	cps
Iron	57-2	528	506	511	515	2.25	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 11:45:28	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1712	1792	1592	1699	5.93	cps
Krypton	83-1	4534	4654	4381	4523	3.03	cps
Lead	206-1	528	483	450	487	8.01	cps
Lead	207-1	344	344	333	341	1.88	cps
Lead	208-1	1878	1850	1767	1832	3.16	cps
Lithium	6-1	3276791	3389063	3347107	3337654	1.70	cps
Magnesium	24-2	383	417	467	422	9.93	cps
Manganese	55-2	377	397	420	398	5.45	cps
Molybdenum	94-1	367	525	350	414	23.34	cps
Molybdenum	95-1	175	167	133	158	13.92	cps
Molybdenum	96-1	150	200	333	228	41.61	cps
Molybdenum	97-1	75	133	142	117	31.14	cps
Molybdenum	98-1	233	242	200	225	9.80	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	233	193	250	226	12.91	cps
Phosphorus	31-2	417	367	342	375	10.18	cps
Potassium	39-2	59274	59090	60220	59528	1.02	cps
Rhodium	103-1	9805970	9956945	10022827	9928581	1.12	cps
Rhodium	103-2	6307445	6197947	6291391	6265594	0.94	cps
Scandium	45-1	7329938	7404872	7638611	7457807	2.16	cps
Scandium	45-2	601260	596557	602497	600105	0.52	cps
Selenium	82-1	39	-173	-49	-61	-175.25	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	248	283	276	269	6.89	cps
Silicon	28-1	627798	627573	628600	627990	0.09	cps
Silver	107-1	58	100	83	81	26.03	cps
Silver	109-1	25	17	17	19	24.73	cps
Sodium	23-2	20247	20158	20186	20197	0.23	cps
Strontium	86-1	7552	8144	7219	7638	6.14	cps
Strontium	88-1	450	367	400	406	10.34	cps
Sulfur	34-1	428953	434890	429906	431250	0.74	cps
Terbium	159-1	12081591	12242134	12463421	12262382	1.56	cps
Terbium	159-2	8451490	8580131	8594327	8541983	0.92	cps
Thallium	203-1	958	758	683	800	17.77	cps
Thallium	205-1	1834	1834	1900	1856	2.07	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 11:45:28	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	100	139	89	109	24.03	cps
Tin	118-1	1917	1692	1784	1797	6.30	cps
Titanium	47-1	158	200	183	181	11.62	cps
Uranium	238-1	92	108	108	103	9.36	cps
Vanadium	51-2	63	73	50	62	18.81	cps
Yttrium	89-1	15666434	15891320	16162243	15906665	1.56	cps
Yttrium	89-2	3975259	3881751	3848788	3901932	1.68	cps
Zinc	66-2	467	453	557	492	11.42	cps
Zirconium	90-1	1017	1150	958	1042	9.43	cps
Zirconium	91-1	192	125	175	164	21.17	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 11:48:22	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5562	6051	5740	5785	4.28	cps
Antimony	121-1	19021	19572	19205	19266	1.46	cps
Arsenic	75-2	680	700	644	675	4.17	cps
Barium	135-1	22235	23745	22134	22705	3.98	cps
Barium	137-1	39873	39924	38804	39533	1.60	cps
Beryllium	9-1	2550	2744	2700	2665	3.81	cps
Bismuth	209-1	7870953	7799130	7956698	7875594	1.00	cps
Bismuth	209-2	6600068	6599131	6635573	6611591	0.31	cps
Boron	10-1	8294	8644	9486	8808	6.96	cps
Boron	11-1	39133	40863	43194	41063	4.96	cps
Bromine	81-1	11338	11380	10863	11193	2.57	cps
Bromine	81-2	40	60	130	77	61.64	cps
Cadmium	111-1	7156	7348	7109	7205	1.76	cps
Cadmium	106-1	6493	6518	6327	6446	1.62	cps
Cadmium	108-1	313	283	296	297	4.92	cps
Calcium	43-1	18345	19012	19630	18996	3.38	cps
Calcium	44-1	314214	310508	312108	312277	0.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12692	12665	12862	12740	0.84	cps
Cobalt	59-2	8286	8593	8833	8570	3.20	cps
Copper	63-2	13229	13269	13016	13171	1.04	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	13	10	13	12	15.73	cps
Erbium	164-1	58	92	25	58	57.14	cps
Erbium	164-2	73	97	60	77	24.21	cps
Gadolinium	160-1	50	125	117	97	42.28	cps
Gadolinium	160-2	183	217	187	196	9.39	cps
Holmium	165-1	11895388	11851829	12085694	11944304	1.04	cps
Holmium	165-2	8605839	8697646	8462866	8588784	1.38	cps
Indium	115-1	10207423	10193024	10240490	10213646	0.24	cps
Indium	115-2	3560097	3649348	3568832	3592759	1.37	cps
Iron	56-2	264420	269080	266292	266597	0.88	cps
Iron	57-2	6846	6885	6946	6892	0.73	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 11:48:22	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	16366	15875	15384	15875	3.09	cps
Krypton	83-1	4607	4981	4831	4806	3.91	cps
Lead	206-1	7558	7869	7947	7791	2.64	cps
Lead	207-1	7135	6485	6774	6798	4.79	cps
Lead	208-1	32004	31309	31860	31724	1.16	cps
Lithium	6-1	3373110	3295273	3371889	3346757	1.33	cps
Magnesium	24-2	273350	275148	271917	273472	0.59	cps
Manganese	55-2	4407	4461	4677	4515	3.17	cps
Molybdenum	94-1	22718	22810	23653	23060	2.23	cps
Molybdenum	95-1	28478	27551	28645	28225	2.09	cps
Molybdenum	96-1	31242	31401	31050	31231	0.56	cps
Molybdenum	97-1	17119	17294	16952	17122	1.00	cps
Molybdenum	98-1	43950	43833	43432	43738	0.62	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	2464	2500	2627	2530	3.39	cps
Phosphorus	31-2	500	725	633	619	18.27	cps
Potassium	39-2	340141	345269	343849	343087	0.77	cps
Rhodium	103-1	10137729	9997737	10149238	10094901	0.84	cps
Rhodium	103-2	6371607	6342675	6395188	6369823	0.41	cps
Scandium	45-1	7571008	7561982	7512247	7548412	0.42	cps
Scandium	45-2	597841	611597	607328	605589	1.16	cps
Selenium	82-1	1242	1052	1054	1116	9.75	cps
Selenium	77-2	110	83	90	94	14.70	cps
Selenium	78-2	550	602	544	565	5.60	cps
Silicon	28-1	711197	708018	708957	709391	0.23	cps
Silver	107-1	9770	11872	13106	11583	14.56	cps
Silver	109-1	9570	11063	12272	10968	12.34	cps
Sodium	23-2	460969	467217	462212	463466	0.71	cps
Strontium	86-1	11046	10929	11405	11127	2.23	cps
Strontium	88-1	31067	31242	31919	31409	1.43	cps
Sulfur	34-1	433776	435835	444022	437878	1.24	cps
Terbium	159-1	12301451	12371846	12537741	12403679	0.98	cps
Terbium	159-2	8646602	8695103	8539967	8627224	0.92	cps
Thallium	203-1	9495	9612	9587	9565	0.64	cps
Thallium	205-1	23546	23538	24197	23760	1.59	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 11:48:22	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	29594	29143	28514	29084	1.86	cps
Tin	118-1	41126	43901	43073	42700	3.34	cps
Titanium	47-1	8261	8686	8636	8528	2.73	cps
Uranium	238-1	28256	27747	27196	27733	1.91	cps
Vanadium	51-2	23532	22948	23038	23172	1.36	cps
Yttrium	89-1	16071391	16056443	15991202	16039679	0.27	cps
Yttrium	89-2	3906839	3963375	3906024	3925413	0.84	cps
Zinc	66-2	2630	2687	2730	2682	1.87	cps
Zirconium	90-1	20006	19714	19689	19803	0.89	cps
Zirconium	91-1	4593	4634	4184	4470	5.56	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 11:51:14	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	294188	295678	293720	294528	0.35	cps
Antimony	121-1	501587	505487	505295	504123	0.44	cps
Arsenic	75-2	31767	31875	31528	31723	0.56	cps
Barium	135-1	601917	602900	612522	605780	0.97	cps
Barium	137-1	1040783	1043571	1059650	1048001	0.97	cps
Beryllium	9-1	129531	129715	132734	130660	1.38	cps
Bismuth	209-1	7915386	7965751	8310981	8064039	2.67	cps
Bismuth	209-2	6504124	6594636	6641733	6580165	1.06	cps
Boron	10-1	27825	29971	30255	29350	4.53	cps
Boron	11-1	133784	144428	143083	140432	4.13	cps
Bromine	81-1	11113	11780	12230	11708	4.80	cps
Bromine	81-2	70	100	100	90	19.25	cps
Cadmium	111-1	148721	149701	152323	150248	1.24	cps
Cadmium	106-1	22067	21875	22025	21989	0.46	cps
Cadmium	108-1	11642	11476	11463	11527	0.87	cps
Calcium	43-1	199870	203898	204211	202659	1.19	cps
Calcium	44-1	3071580	3041594	3039053	3050743	0.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	286070	282197	287162	285143	0.92	cps
Cobalt	59-2	437865	438627	438469	438320	0.09	cps
Copper	63-2	3245203	3201555	3238494	3228417	0.73	cps
Dysprosium	156-1	67	50	50	56	17.32	cps
Dysprosium	156-2	50	43	37	43	15.38	cps
Erbium	164-1	83	75	67	75	11.11	cps
Erbium	164-2	40	63	83	62	34.85	cps
Gadolinium	160-1	108	108	158	125	23.09	cps
Gadolinium	160-2	223	190	207	207	8.07	cps
Holmium	165-1	12137259	12248587	12939144	12441664	3.49	cps
Holmium	165-2	8431374	8633652	8548002	8537676	1.19	cps
Indium	115-1	10171206	10401091	10667885	10413394	2.39	cps
Indium	115-2	3551925	3541494	3566353	3553257	0.35	cps
Iron	56-2	12893447	12801071	12716734	12803751	0.69	cps
Iron	57-2	322575	324899	324461	323978	0.38	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 11:51:14	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	740435	723524	730293	731418	1.16	cps
Krypton	83-1	4851	4978	5044	4958	1.98	cps
Lead	206-1	2094183	2141957	2118157	2118099	1.13	cps
Lead	207-1	1641848	1666522	1860842	1723070	6.96	cps
Lead	208-1	8272890	8403721	8542739	8406450	1.61	cps
Lithium	6-1	3443276	3369124	3527381	3446594	2.30	cps
Magnesium	24-2	2870287	2915858	2840278	2875474	1.32	cps
Manganese	55-2	2051244	2071210	2057562	2060005	0.50	cps
Molybdenum	94-1	2003771	2000710	2019987	2008156	0.52	cps
Molybdenum	95-1	2811588	2855606	2858027	2841740	0.92	cps
Molybdenum	96-1	3212608	3138305	3164070	3171661	1.19	cps
Molybdenum	97-1	1774335	1732941	1773845	1760374	1.35	cps
Molybdenum	98-1	4609407	4520406	4554459	4561424	0.98	cps
Neodymium	150-1	40	73	73	62	30.93	cps
Neodymium	150-2	10	23	17	17	39.99	cps
Nickel	60-2	114909	114312	115521	114914	0.53	cps
Phosphorus	31-2	15266	15800	15191	15419	2.15	cps
Potassium	39-2	1488410	1488388	1492043	1489614	0.14	cps
Rhodium	103-1	10092761	10020458	10652745	10255321	3.37	cps
Rhodium	103-2	6373221	6235493	6317709	6308808	1.10	cps
Scandium	45-1	7588791	7580523	7944733	7704682	2.70	cps
Scandium	45-2	608357	600965	607411	605578	0.66	cps
Selenium	82-1	10825	10592	10858	10759	1.35	cps
Selenium	77-2	970	1017	920	969	4.99	cps
Selenium	78-2	3502	3332	3617	3484	4.12	cps
Silicon	28-1	4114154	4087330	4098713	4100066	0.33	cps
Silver	107-1	695362	706770	711997	704710	1.21	cps
Silver	109-1	658482	671013	680890	670128	1.68	cps
Sodium	23-2	4770324	4701911	4762172	4744802	0.79	cps
Strontium	86-1	196136	197201	194818	196052	0.61	cps
Strontium	88-1	1686604	1687517	1678355	1684159	0.30	cps
Sulfur	34-1	511812	511262	513061	512045	0.18	cps
Terbium	159-1	12453526	12581979	13077823	12704443	2.59	cps
Terbium	159-2	8663745	8745688	8710181	8706538	0.47	cps
Thallium	203-1	482923	487650	484051	484875	0.51	cps
Thallium	205-1	1139076	1155813	1138343	1144411	0.86	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 11:51:14	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1530524	1550682	1533716	1538307	0.70	cps
Tin	118-1	432325	443773	438623	438241	1.31	cps
Titanium	47-1	880455	878252	866181	874963	0.88	cps
Uranium	238-1	1422455	1432715	1454089	1436420	1.12	cps
Vanadium	51-2	236935	238269	236103	237102	0.46	cps
Yttrium	89-1	16176572	16116760	16835141	16376158	2.43	cps
Yttrium	89-2	3901998	3883348	3913491	3899612	0.39	cps
Zinc	66-2	518810	525839	523980	522876	0.70	cps
Zirconium	90-1	995003	1012802	1006661	1004822	0.90	cps
Zirconium	91-1	222352	226459	224609	224473	0.92	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 11:54:01	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	720546	722845	726636	723343	0.43	cps
Antimony	121-1	1245261	1262477	1244230	1250656	0.82	cps
Arsenic	75-2	78876	78787	78065	78576	0.57	cps
Barium	135-1	1566650	1525547	1497752	1529983	2.27	cps
Barium	137-1	2688686	2690737	2696707	2692043	0.15	cps
Beryllium	9-1	318033	324527	324396	322318	1.15	cps
Bismuth	209-1	7929747	7940985	7830786	7900506	0.77	cps
Bismuth	209-2	6519525	6550452	6484124	6518034	0.51	cps
Boron	10-1	71799	74832	77200	74610	3.63	cps
Boron	11-1	335909	350881	357890	348227	3.22	cps
Bromine	81-1	11321	11296	10871	11163	2.27	cps
Bromine	81-2	50	50	40	47	12.37	cps
Cadmium	111-1	362802	365410	364574	364262	0.37	cps
Cadmium	106-1	44118	45940	43809	44622	2.58	cps
Cadmium	108-1	28507	28441	28524	28491	0.16	cps
Calcium	43-1	482896	483525	483197	483206	0.07	cps
Calcium	44-1	7137598	7212269	7186008	7178625	0.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	695768	697130	693517	695472	0.26	cps
Cobalt	59-2	1078374	1063794	1070852	1071006	0.68	cps
Copper	63-2	7845957	7857440	7935639	7879679	0.62	cps
Dysprosium	156-1	75	75	117	89	27.07	cps
Dysprosium	156-2	67	60	67	64	5.98	cps
Erbium	164-1	75	92	158	108	40.71	cps
Erbium	164-2	83	80	63	76	14.18	cps
Gadolinium	160-1	225	133	108	156	39.49	cps
Gadolinium	160-2	217	270	173	220	22.01	cps
Holmium	165-1	12125345	12106206	12124983	12118844	0.09	cps
Holmium	165-2	8493291	8637769	8443003	8524688	1.19	cps
Indium	115-1	10206304	10222998	10180195	10203166	0.21	cps
Indium	115-2	3542868	3557377	3526049	3542098	0.44	cps
Iron	56-2	31995429	31804514	31753958	31851300	0.40	cps
Iron	57-2	791827	796958	791950	793578	0.37	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 11:54:01	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1746069	1758849	1769048	1757989	0.65	cps
Krypton	83-1	4884	4727	4757	4790	1.74	cps
Lead	206-1	5248752	5197985	5227462	5224733	0.49	cps
Lead	207-1	4617063	4606209	4537373	4586882	0.94	cps
Lead	208-1	21132266	21039037	20956507	21042603	0.42	cps
Lithium	6-1	3417862	3334400	3358389	3370217	1.27	cps
Magnesium	24-2	7070581	7008762	7207861	7095735	1.44	cps
Manganese	55-2	5147666	5137311	5079814	5121597	0.71	cps
Molybdenum	94-1	4908480	4941373	4872581	4907478	0.70	cps
Molybdenum	95-1	6912055	6982691	6974685	6956477	0.56	cps
Molybdenum	96-1	7675046	7657395	7712318	7681587	0.37	cps
Molybdenum	97-1	4354014	4376901	4364747	4365221	0.26	cps
Molybdenum	98-1	11172312	11058466	11171130	11133969	0.59	cps
Neodymium	150-1	107	100	133	113	15.57	cps
Neodymium	150-2	20	17	17	18	10.81	cps
Nickel	60-2	278441	278896	277906	278414	0.18	cps
Phosphorus	31-2	38624	37171	37872	37889	1.92	cps
Potassium	39-2	3584269	3546545	3521130	3550648	0.89	cps
Rhodium	103-1	9990965	9918083	9814866	9907971	0.89	cps
Rhodium	103-2	6195455	6207158	6216597	6206403	0.17	cps
Scandium	45-1	7430377	7434777	7401718	7422291	0.24	cps
Scandium	45-2	603839	595778	601699	600439	0.70	cps
Selenium	82-1	26654	26836	26854	26781	0.41	cps
Selenium	77-2	2334	2490	2524	2449	4.14	cps
Selenium	78-2	8312	8443	8532	8429	1.32	cps
Silicon	28-1	9039309	8955238	9013141	9002563	0.48	cps
Silver	107-1	1781774	1780801	1726047	1762874	1.81	cps
Silver	109-1	1682111	1661443	1676476	1673343	0.64	cps
Sodium	23-2	11630370	11629211	11709748	11656443	0.40	cps
Strontium	86-1	468021	472995	476540	472519	0.91	cps
Strontium	88-1	4128325	4112663	4098918	4113302	0.36	cps
Sulfur	34-1	605383	602949	603114	603816	0.23	cps
Terbium	159-1	12674550	12646065	12438260	12586292	1.02	cps
Terbium	159-2	8674448	8666073	8650132	8663551	0.14	cps
Thallium	203-1	1202655	1202282	1199191	1201376	0.16	cps
Thallium	205-1	3000507	2997762	3000115	2999461	0.05	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 11:54:01	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	4359243	4416475	4362465	4379394	0.73	cps
Tin	118-1	1065190	1082361	1072691	1073414	0.80	cps
Titanium	47-1	2131832	2106479	2132614	2123642	0.70	cps
Uranium	238-1	4069889	4034416	4019777	4041361	0.64	cps
Vanadium	51-2	588726	585675	585301	586567	0.32	cps
Yttrium	89-1	16050036	16100491	15820699	15990409	0.93	cps
Yttrium	89-2	3866834	4002728	3877365	3915643	1.93	cps
Zinc	66-2	1273618	1268508	1267801	1269975	0.25	cps
Zirconium	90-1	2508548	2572222	2458850	2513207	2.26	cps
Zirconium	91-1	549978	553136	554857	552657	0.45	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 11:56:46	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1428462	1408011	1427783	1421419	0.82	cps
Antimony	121-1	2533737	2562639	2572435	2556270	0.79	cps
Arsenic	75-2	153916	154529	154202	154216	0.20	cps
Barium	135-1	3104861	3052637	3111230	3089576	1.04	cps
Barium	137-1	5361677	5289583	5397007	5349422	1.02	cps
Beryllium	9-1	631420	630600	622817	628279	0.76	cps
Bismuth	209-1	7896406	7854532	7879381	7876773	0.27	cps
Bismuth	209-2	6405663	6492366	6590869	6496299	1.43	cps
Boron	10-1	139323	148784	146782	144963	3.44	cps
Boron	11-1	651122	698878	694756	681585	3.88	cps
Bromine	81-1	10537	11088	11413	11013	4.02	cps
Bromine	81-2	100	70	110	93	22.30	cps
Cadmium	111-1	710904	713367	710298	711523	0.23	cps
Cadmium	106-1	82787	83901	81387	82691	1.52	cps
Cadmium	108-1	56669	57036	56330	56678	0.62	cps
Calcium	43-1	952999	951169	955815	953327	0.25	cps
Calcium	44-1	14338000	14182697	14042627	14187775	1.04	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1346370	1368655	1352768	1355931	0.85	cps
Cobalt	59-2	2141156	2164968	2105167	2137097	1.41	cps
Copper	63-2	15302105	15604028	14986086	15297406	2.02	cps
Dysprosium	156-1	183	175	225	194	13.78	cps
Dysprosium	156-2	137	153	173	154	11.89	cps
Erbium	164-1	92	133	100	108	20.35	cps
Erbium	164-2	110	110	77	99	19.46	cps
Gadolinium	160-1	175	200	183	186	6.84	cps
Gadolinium	160-2	310	260	330	300	12.02	cps
Holmium	165-1	12169667	11991542	12134114	12098441	0.78	cps
Holmium	165-2	8473237	8694215	8717433	8628295	1.56	cps
Indium	115-1	10072450	9922119	9871662	9955410	1.05	cps
Indium	115-2	3432443	3462640	3479401	3458161	0.69	cps
Iron	56-2	62541564	63126424	61353876	62340621	1.45	cps
Iron	57-2	1572852	1583234	1505474	1553853	2.72	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 11:56:46	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3497269	3494528	3458194	3483330	0.63	cps
Krypton	83-1	4634	4517	4817	4656	3.25	cps
Lead	206-1	10326214	10406352	10475749	10402772	0.72	cps
Lead	207-1	9078815	9145129	9256153	9160032	0.98	cps
Lead	208-1	42044675	42195853	42298142	42179557	0.30	cps
Lithium	6-1	3250617	3257688	3309255	3272520	0.98	cps
Magnesium	24-2	13766453	14003184	13944245	13904627	0.89	cps
Manganese	55-2	9945427	10101559	9874434	9973807	1.16	cps
Molybdenum	94-1	9769067	9798857	9685211	9751045	0.60	cps
Molybdenum	95-1	14024090	13806178	13750699	13860322	1.04	cps
Molybdenum	96-1	15440720	15250283	15225440	15305481	0.77	cps
Molybdenum	97-1	8615574	8615865	8617756	8616398	0.01	cps
Molybdenum	98-1	22317432	22051028	22056530	22141663	0.69	cps
Neodymium	150-1	207	220	220	216	3.57	cps
Neodymium	150-2	40	47	37	41	12.39	cps
Nickel	60-2	534706	542014	530298	535673	1.10	cps
Phosphorus	31-2	74557	74540	71702	73600	2.23	cps
Potassium	39-2	6930936	6968341	6795884	6898387	1.32	cps
Rhodium	103-1	9747475	9804690	9601027	9717731	1.08	cps
Rhodium	103-2	6109292	6119310	6059095	6095899	0.53	cps
Scandium	45-1	7417638	7396057	7260611	7358102	1.16	cps
Scandium	45-2	588619	599734	593527	593960	0.94	cps
Selenium	82-1	52394	52620	52201	52405	0.40	cps
Selenium	77-2	4751	4701	4858	4770	1.68	cps
Selenium	78-2	16140	16355	15966	16154	1.21	cps
Silicon	28-1	16541831	16602925	16504515	16549757	0.30	cps
Silver	107-1	3451410	3518749	3488010	3486057	0.97	cps
Silver	109-1	3355207	3373679	3312236	3347041	0.94	cps
Sodium	23-2	22694715	22916210	23061176	22890700	0.81	cps
Strontium	86-1	924654	916275	924589	921839	0.52	cps
Strontium	88-1	8103915	8005269	8096448	8068544	0.68	cps
Sulfur	34-1	747378	748945	749887	748737	0.17	cps
Terbium	159-1	12747649	12458784	12504806	12570413	1.23	cps
Terbium	159-2	8592261	8782829	8801099	8725396	1.33	cps
Thallium	203-1	2515388	2517001	2549322	2527237	0.76	cps
Thallium	205-1	6036861	5928514	5978044	5981140	0.91	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 11:56:46	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	8848354	8913943	8865567	8875955	0.38	cps
Tin	118-1	2213198	2187666	2190604	2197156	0.64	cps
Titanium	47-1	4289464	4258111	4174768	4240781	1.40	cps
Uranium	238-1	8161767	8261122	8038176	8153689	1.37	cps
Vanadium	51-2	1146421	1148921	1143604	1146315	0.23	cps
Yttrium	89-1	16151027	15762599	15782064	15898564	1.38	cps
Yttrium	89-2	3922522	3863427	3823797	3869915	1.28	cps
Zinc	66-2	2515965	2564445	2475931	2518780	1.76	cps
Zirconium	90-1	5113659	4963520	4987499	5021559	1.61	cps
Zirconium	91-1	1100200	1101321	1100989	1100837	0.05	cps

LB Number : LB121155 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired : 2022-05-06 11:59:33 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2724439	2694755	2729364	2716186	0.69	cps
Antimony	121-1	4992738	5077720	4964429	5011629	1.18	cps
Arsenic	75-2	291292	292479	288464	290745	0.71	cps
Barium	135-1	6151147	6129899	6030514	6103853	1.06	cps
Barium	137-1	10589528	10659534	10512009	10587023	0.70	cps
Beryllium	9-1	1207243	1218054	1228896	1218065	0.89	cps
Bismuth	209-1	7785561	7760878	7781149	7775863	0.17	cps
Bismuth	209-2	6365496	6319127	6414154	6366259	0.75	cps
Boron	10-1	276599	280885	286003	281162	1.67	cps
Boron	11-1	1297044	1319097	1351179	1322440	2.06	cps
Bromine	81-1	10637	9753	10788	10393	5.38	cps
Bromine	81-2	80	70	120	90	29.40	cps
Cadmium	111-1	1377227	1377831	1378699	1377919	0.05	cps
Cadmium	106-1	151646	155925	155999	154523	1.61	cps
Cadmium	108-1	108276	107071	108880	108076	0.85	cps
Calcium	43-1	1725988	1756147	1762614	1748249	1.12	cps
Calcium	44-1	27192240	27646124	27601851	27480071	0.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2587999	2576510	2594643	2586384	0.35	cps
Cobalt	59-2	4033448	4021007	4041034	4031830	0.25	cps
Copper	63-2	28560637	28424084	28302568	28429096	0.45	cps
Dysprosium	156-1	333	433	358	375	13.88	cps
Dysprosium	156-2	277	300	247	274	9.74	cps
Erbium	164-1	92	233	117	147	51.36	cps
Erbium	164-2	117	120	110	116	4.41	cps
Gadolinium	160-1	333	308	300	314	5.53	cps
Gadolinium	160-2	340	320	347	336	4.13	cps
Holmium	165-1	12023663	12135887	12118921	12092824	0.50	cps
Holmium	165-2	8568723	8528996	8572478	8556733	0.28	cps
Indium	115-1	9875516	9791573	9747841	9804977	0.66	cps
Indium	115-2	3366768	3322541	3297048	3328786	1.06	cps
Iron	56-2	117971853	116762014	116828353	117187406	0.58	cps
Iron	57-2	2949363	2896825	2899350	2915179	1.02	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 11:59:33	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	6624447	6470002	6509154	6534534	1.23	cps
Krypton	83-1	5048	4617	4654	4773	5.00	cps
Lead	206-1	20535659	20552455	20722775	20603630	0.50	cps
Lead	207-1	17974357	18235796	18175354	18128502	0.76	cps
Lead	208-1	82940752	83498266	83359416	83266144	0.35	cps
Lithium	6-1	3245110	3303898	3267920	3272309	0.91	cps
Magnesium	24-2	26314258	26353968	26090106	26252777	0.54	cps
Manganese	55-2	19104978	18659303	18858523	18874268	1.18	cps
Molybdenum	94-1	19012507	19228916	19084756	19108726	0.58	cps
Molybdenum	95-1	27048188	27084377	26834149	26988904	0.50	cps
Molybdenum	96-1	29586998	29786923	29483553	29619158	0.52	cps
Molybdenum	97-1	16770526	16859747	16527833	16719369	1.03	cps
Molybdenum	98-1	43195549	42448271	42412356	42685392	1.04	cps
Neodymium	150-1	413	327	393	378	12.01	cps
Neodymium	150-2	70	63	100	78	25.11	cps
Nickel	60-2	1006224	993879	994839	998314	0.69	cps
Phosphorus	31-2	138111	136732	137363	137402	0.50	cps
Potassium	39-2	13089816	12943971	12954498	12996095	0.63	cps
Rhodium	103-1	9378504	9228933	9215388	9274275	0.98	cps
Rhodium	103-2	5833555	5785148	5720196	5779633	0.98	cps
Scandium	45-1	7073328	7125768	7104958	7101351	0.37	cps
Scandium	45-2	567622	559628	560901	562717	0.76	cps
Selenium	82-1	100789	100371	100592	100584	0.21	cps
Selenium	77-2	9069	9016	8909	8998	0.91	cps
Selenium	78-2	30689	30162	30066	30306	1.11	cps
Silicon	28-1	30962997	30593899	30565655	30707517	0.72	cps
Silver	107-1	6675634	6668539	6736895	6693690	0.56	cps
Silver	109-1	6424491	6367616	6450444	6414184	0.66	cps
Sodium	23-2	43782101	44093813	43470672	43782195	0.71	cps
Strontium	86-1	1805113	1828944	1813803	1815954	0.66	cps
Strontium	88-1	15633598	15806110	15809117	15749608	0.64	cps
Sulfur	34-1	1030315	1018571	1007262	1018716	1.13	cps
Terbium	159-1	12621317	12433453	12488883	12514551	0.77	cps
Terbium	159-2	8505606	8623318	8648517	8592480	0.89	cps
Thallium	203-1	4937406	5065968	5048065	5017146	1.39	cps
Thallium	205-1	11617262	11825948	11833976	11759062	1.04	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 11:59:33	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	18013884	18002492	18190424	18068934	0.58	cps
Tin	118-1	4322492	4345457	4285303	4317750	0.70	cps
Titanium	47-1	8221974	8196035	8252601	8223537	0.34	cps
Uranium	238-1	16377292	16658327	16911259	16648960	1.60	cps
Vanadium	51-2	2225961	2165346	2183719	2191675	1.42	cps
Yttrium	89-1	15318468	15601079	15387278	15435608	0.95	cps
Yttrium	89-2	3755834	3702298	3646888	3701673	1.47	cps
Zinc	66-2	4795976	4729620	4687815	4737804	1.15	cps
Zirconium	90-1	9654364	9853189	9702147	9736566	1.07	cps
Zirconium	91-1	2149074	2213761	2171185	2178007	1.51	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 12:02:18	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5384269	5362053	5385369	5377230	0.24	cps
Antimony	121-1	9958673	10084182	10156372	10066409	0.99	cps
Arsenic	75-2	583107	585567	588923	585866	0.50	cps
Barium	135-1	12118169	12097102	12496927	12237399	1.84	cps
Barium	137-1	20931655	21062033	21476719	21156802	1.35	cps
Beryllium	9-1	2348341	2337778	2404386	2363502	1.51	cps
Bismuth	209-1	7815551	7773927	7875032	7821503	0.65	cps
Bismuth	209-2	6283330	6268054	6375735	6309040	0.92	cps
Boron	10-1	527691	547702	565143	546845	3.43	cps
Boron	11-1	2500686	2527172	2628698	2552186	2.65	cps
Bromine	81-1	10137	10279	10487	10301	1.71	cps
Bromine	81-2	90	70	190	117	55.11	cps
Cadmium	111-1	2735856	2786136	2765054	2762348	0.91	cps
Cadmium	106-1	297356	301311	302460	300376	0.89	cps
Cadmium	108-1	212400	212786	215011	213399	0.66	cps
Calcium	43-1	3375854	3456219	3470374	3434149	1.48	cps
Calcium	44-1	54175221	54493927	54989968	54553039	0.75	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5279195	5234407	5220043	5244548	0.59	cps
Cobalt	59-2	8033194	7917591	8054291	8001692	0.92	cps
Copper	63-2	56660057	56528111	57330236	56839468	0.76	cps
Dysprosium	156-1	467	550	625	547	14.48	cps
Dysprosium	156-2	643	600	597	613	4.24	cps
Erbium	164-1	217	258	250	242	9.12	cps
Erbium	164-2	173	107	150	143	23.60	cps
Gadolinium	160-1	492	583	442	506	14.21	cps
Gadolinium	160-2	487	560	533	527	7.05	cps
Holmium	165-1	12334771	12175424	12281071	12263755	0.66	cps
Holmium	165-2	8754721	8641849	8832727	8743099	1.10	cps
Indium	115-1	9500727	9638160	9604077	9580988	0.75	cps
Indium	115-2	3342238	3275285	3384195	3333906	1.65	cps
Iron	56-2	233740611	238058528	238135516	236644885	1.06	cps
Iron	57-2	5947160	5785007	5960434	5897534	1.66	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 12:02:18	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	13250173	13351424	13194193	13265263	0.60	cps
Krypton	83-1	4107	3961	4177	4082	2.71	cps
Lead	206-1	41662056	41513661	42202997	41792905	0.87	cps
Lead	207-1	36176952	37007167	36813545	36665888	1.18	cps
Lead	208-1	166892511	168281411	170273958	168482626	1.01	cps
Lithium	6-1	3185368	3197390	3272238	3218332	1.46	cps
Magnesium	24-2	52303822	52208366	52302994	52271728	0.10	cps
Manganese	55-2	37809274	38437422	38297898	38181531	0.86	cps
Molybdenum	94-1	37718385	37659641	38595415	37991147	1.38	cps
Molybdenum	95-1	53236203	53622326	53935281	53597937	0.65	cps
Molybdenum	96-1	58497464	59053226	60039122	59196604	1.32	cps
Molybdenum	97-1	33210333	33235160	34060265	33501919	1.44	cps
Molybdenum	98-1	85130860	85890510	86886219	85969196	1.02	cps
Neodymium	150-1	840	773	867	827	5.82	cps
Neodymium	150-2	143	170	167	160	9.08	cps
Nickel	60-2	2080639	2076932	2093830	2083801	0.43	cps
Phosphorus	31-2	272072	275039	269722	272278	0.98	cps
Potassium	39-2	26355930	26060518	26151612	26189354	0.58	cps
Rhodium	103-1	9037447	9080116	9156946	9091503	0.67	cps
Rhodium	103-2	5829589	5783236	5854924	5822583	0.62	cps
Scandium	45-1	6988053	7023508	7118117	7043226	0.95	cps
Scandium	45-2	572027	573783	571066	572292	0.24	cps
Selenium	82-1	193680	196564	197429	195891	1.00	cps
Selenium	77-2	17787	17514	18094	17799	1.63	cps
Selenium	78-2	60750	59331	61116	60399	1.56	cps
Silicon	28-1	56569751	56576999	57467149	56871300	0.91	cps
Silver	107-1	13136458	13375203	13288248	13266637	0.91	cps
Silver	109-1	12439882	12504820	12691879	12545527	1.04	cps
Sodium	23-2	86932760	86300949	86810166	86681292	0.39	cps
Strontium	86-1	3680115	3725200	3692555	3699290	0.63	cps
Strontium	88-1	31292739	32010304	31405692	31569578	1.22	cps
Sulfur	34-1	1705404	1674613	1684879	1688299	0.93	cps
Terbium	159-1	12770481	12465299	12716273	12650684	1.29	cps
Terbium	159-2	8566443	8702369	8798095	8688969	1.34	cps
Thallium	203-1	10171659	10063440	10201292	10145464	0.72	cps
Thallium	205-1	23911475	23629195	24452343	23997671	1.74	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 12:02:18	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	36271414	36560213	36798454	36543360	0.72	cps
Tin	118-1	8481156	8625778	8608640	8571858	0.92	cps
Titanium	47-1	15867522	16047408	16354047	16089659	1.53	cps
Uranium	238-1	33175753	33817739	33740071	33577854	1.04	cps
Vanadium	51-2	4561695	4446237	4450091	4486008	1.46	cps
Yttrium	89-1	15429501	15234154	15429158	15364271	0.73	cps
Yttrium	89-2	3812386	3762713	3854624	3809908	1.21	cps
Zinc	66-2	9495404	9415371	9546740	9485838	0.70	cps
Zirconium	90-1	19345415	19201448	19610225	19385696	1.07	cps
Zirconium	91-1	4255366	4329565	4365620	4316850	1.30	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 12:05:05	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27899871	27699590	28451029	28016830	1.39	cps
Antimony	121-1	7694	7035	7377	7369	4.47	cps
Arsenic	75-2	420	356	291	356	18.23	cps
Barium	135-1	6944	6835	6860	6880	0.83	cps
Barium	137-1	12372	12222	12206	12267	0.75	cps
Beryllium	9-1	503	543	500	516	4.68	cps
Bismuth	209-1	6959595	6863943	6904027	6909188	0.70	cps
Bismuth	209-2	5685776	5705006	5711791	5700858	0.24	cps
Boron	10-1	17393	15550	14807	15917	8.37	cps
Boron	11-1	81297	74638	69398	75111	7.94	cps
Bromine	81-1	11371	11813	11121	11435	3.07	cps
Bromine	81-2	100	160	120	127	24.12	cps
Cadmium	111-1	4936	5062	5079	5026	1.55	cps
Cadmium	106-1	5626	5901	5851	5793	2.53	cps
Cadmium	108-1	146	188	167	167	12.50	cps
Calcium	43-1	17287935	18034198	18094928	17805687	2.52	cps
Calcium	44-1	276632723	282551840	287564440	282249667	1.94	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51541	50782	51568	51297	0.87	cps
Cobalt	59-2	23679	24410	24523	24204	1.89	cps
Copper	63-2	25502	25155	24834	25163	1.33	cps
Dysprosium	156-1	1192	1517	1350	1353	12.01	cps
Dysprosium	156-2	710	743	860	771	10.22	cps
Erbium	164-1	167	117	225	169	32.00	cps
Erbium	164-2	133	103	100	112	16.36	cps
Gadolinium	160-1	858	833	883	858	2.91	cps
Gadolinium	160-2	663	827	890	793	14.74	cps
Holmium	165-1	11909285	11830116	11998119	11912507	0.71	cps
Holmium	165-2	8493005	8493863	8407431	8464766	0.59	cps
Indium	115-1	9294717	9534545	9373620	9400960	1.30	cps
Indium	115-2	3416266	3352091	3317907	3362088	1.49	cps
Iron	56-2	1191953982	1199977360	1206696960	1199542768	0.62	cps
Iron	57-2	29892906	29877169	30637735	30135937	1.44	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 12:05:05	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	65783128	65880511	65875013	65846217	0.08	cps
Krypton	83-1	4981	4817	4904	4901	1.67	cps
Lead	206-1	13357	13129	13084	13190	1.11	cps
Lead	207-1	10871	11455	10971	11099	2.81	cps
Lead	208-1	51762	51884	51233	51626	0.67	cps
Lithium	6-1	2970489	2933182	2957610	2953760	0.64	cps
Magnesium	24-2	259048534	263947456	265523728	262839906	1.28	cps
Manganese	55-2	30588	30050	29562	30067	1.71	cps
Molybdenum	94-1	15725	14691	14991	15136	3.52	cps
Molybdenum	95-1	18537	18788	18721	18682	0.69	cps
Molybdenum	96-1	25907	27702	25990	26533	3.82	cps
Molybdenum	97-1	11238	11622	11271	11377	1.87	cps
Molybdenum	98-1	29814	29171	28587	29191	2.10	cps
Neodymium	150-1	140	147	140	142	2.71	cps
Neodymium	150-2	80	87	67	78	13.09	cps
Nickel	60-2	18862	19046	18628	18845	1.11	cps
Phosphorus	31-2	533	425	508	489	11.60	cps
Potassium	39-2	136443903	137642774	137460757	137182478	0.47	cps
Rhodium	103-1	8613788	8720268	8753463	8695840	0.84	cps
Rhodium	103-2	5568151	5508147	5475549	5517282	0.85	cps
Scandium	45-1	7087440	7114726	7271458	7157875	1.39	cps
Scandium	45-2	591377	590912	599844	594044	0.85	cps
Selenium	82-1	-159	271	205	106	219.09	cps
Selenium	77-2	10	3	3	6	69.34	cps
Selenium	78-2	356	287	313	319	10.86	cps
Silicon	28-1	941784	975317	989621	968907	2.53	cps
Silver	107-1	5118	5693	4843	5218	8.32	cps
Silver	109-1	5059	5076	4818	4984	2.90	cps
Sodium	23-2	442097899	443157277	442558665	442604614	0.12	cps
Strontium	86-1	31559	32887	33555	32667	3.11	cps
Strontium	88-1	214788	216751	219776	217105	1.16	cps
Sulfur	34-1	340369	340713	345601	342228	0.86	cps
Terbium	159-1	12116047	12172866	12132627	12140513	0.24	cps
Terbium	159-2	8637176	8449763	8550257	8545732	1.10	cps
Thallium	203-1	5168	5126	5443	5246	3.28	cps
Thallium	205-1	13190	12264	11514	12323	6.81	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 12:05:05	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	4034	3828	3940	3934	2.62	cps
Tin	118-1	27193	28462	29581	28412	4.21	cps
Titanium	47-1	3259	3526	3567	3450	4.85	cps
Uranium	238-1	4918	4217	4534	4556	7.70	cps
Vanadium	51-2	1307	1213	1223	1248	4.11	cps
Yttrium	89-1	15422882	15701173	15711623	15611893	1.05	cps
Yttrium	89-2	3937764	3930722	3924234	3930907	0.17	cps
Zinc	66-2	28417	28537	28794	28583	0.67	cps
Zirconium	90-1	11288	11455	11205	11316	1.13	cps
Zirconium	91-1	2392	2084	2709	2395	13.05	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	ICV18	Instrumnet Name :	P7
Client Sample ID :	ICV18	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 12:35:36	DataFile Name :	011ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150390	150849	148876	150038	0.69	cps
Antimony	121-1	2135811	2171721	2138157	2148563	0.94	cps
Arsenic	75-2	129600	131329	130187	130372	0.67	cps
Barium	135-1	251286	252973	252941	252400	0.38	cps
Barium	137-1	432450	433456	442919	436275	1.32	cps
Beryllium	9-1	251967	252713	250570	251750	0.43	cps
Bismuth	209-1	8292021	8152872	8246401	8230431	0.86	cps
Bismuth	209-2	6893725	6834744	6852788	6860419	0.44	cps
Boron	10-1	274647	287310	290228	284062	2.92	cps
Boron	11-1	1303200	1361157	1355544	1339967	2.39	cps
Bromine	81-1	11989	12789	12005	12261	3.73	cps
Bromine	81-2	70	70	40	60	28.87	cps
Cadmium	111-1	323376	322511	327224	324371	0.77	cps
Cadmium	106-1	63280	63984	65725	64330	1.96	cps
Cadmium	108-1	40615	41146	40402	40721	0.94	cps
Calcium	43-1	94570	95290	94854	94905	0.38	cps
Calcium	44-1	1375227	1377926	1367536	1373563	0.39	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	582697	580657	575661	579671	0.62	cps
Cobalt	59-2	888423	889771	886684	888293	0.17	cps
Copper	63-2	619100	621835	615337	618757	0.53	cps
Dysprosium	156-1	8	42	50	33	66.15	cps
Dysprosium	156-2	13	17	27	19	36.75	cps
Erbium	164-1	117	67	100	94	26.96	cps
Erbium	164-2	63	57	63	61	6.29	cps
Gadolinium	160-1	100	92	58	83	26.45	cps
Gadolinium	160-2	250	203	210	221	11.42	cps
Holmium	165-1	13011221	12658213	12788318	12819251	1.39	cps
Holmium	165-2	9073016	9015884	8993675	9027525	0.45	cps
Indium	115-1	11017117	11019271	10769487	10935292	1.31	cps
Indium	115-2	3748835	3690557	3724132	3721175	0.79	cps
Iron	56-2	10404878	10293993	10183232	10294035	1.08	cps
Iron	57-2	256320	257137	253217	255558	0.81	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	ICV18	Instrumnet Name :	P7
Client Sample ID :	ICV18	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 12:35:36	DataFile Name :	011ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	595698	591874	591340	592971	0.40	cps
Krypton	83-1	5298	5344	5054	5232	2.98	cps
Lead	206-1	1611549	1618964	1652095	1627536	1.33	cps
Lead	207-1	1325314	1322507	1325827	1324549	0.13	cps
Lead	208-1	6684519	6706702	6780966	6724062	0.75	cps
Lithium	6-1	3453294	3458833	3460365	3457497	0.11	cps
Magnesium	24-2	664766	651213	642254	652744	1.74	cps
Manganese	55-2	413649	411294	409390	411444	0.52	cps
Molybdenum	94-1	21997189	22171235	21890247	22019557	0.64	cps
Molybdenum	95-1	31224037	31057310	30922753	31068033	0.49	cps
Molybdenum	96-1	34611742	34223613	33913535	34249630	1.02	cps
Molybdenum	97-1	19450245	19360183	19100906	19303778	0.94	cps
Molybdenum	98-1	49497874	48982447	49066382	49182234	0.56	cps
Neodymium	150-1	27	13	20	20	33.35	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	246124	244492	243087	244567	0.62	cps
Phosphorus	31-2	225	417	308	317	30.35	cps
Potassium	39-2	1185241	1185584	1186990	1185938	0.08	cps
Rhodium	103-1	11185323	10807737	10682554	10891871	2.40	cps
Rhodium	103-2	6650572	6546811	6550408	6582597	0.89	cps
Scandium	45-1	8398212	8243623	7992927	8211587	2.49	cps
Scandium	45-2	643865	639826	638295	640662	0.45	cps
Selenium	82-1	45853	45821	45973	45882	0.17	cps
Selenium	77-2	4091	4164	4234	4163	1.72	cps
Selenium	78-2	14057	13845	13845	13916	0.88	cps
Silicon	28-1	5698512	5726636	5687457	5704202	0.35	cps
Silver	107-1	710421	729084	717112	718872	1.32	cps
Silver	109-1	677856	678757	681160	679257	0.25	cps
Sodium	23-2	1933842	1936124	1893204	1921056	1.26	cps
Strontium	86-1	2189913	2152749	2220483	2187715	1.55	cps
Strontium	88-1	18646139	18810175	18649064	18701793	0.50	cps
Sulfur	34-1	431710	421578	411024	421437	2.45	cps
Terbium	159-1	13367271	13398047	13379082	13381467	0.12	cps
Terbium	159-2	9062437	8993789	9061386	9039204	0.44	cps
Thallium	203-1	2146104	2157421	2153936	2152487	0.27	cps
Thallium	205-1	5065867	5088465	5082046	5078793	0.23	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	ICV18	Instrumnet Name :	P7
Client Sample ID :	ICV18	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 12:35:36	DataFile Name :	011ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	506	589	589	561	8.57	cps
Tin	118-1	4943169	4993037	5011955	4982720	0.71	cps
Titanium	47-1	9368422	9257674	9099792	9241963	1.46	cps
Uranium	238-1	16820813	17039203	17191585	17017201	1.10	cps
Vanadium	51-2	471826	474915	468473	471738	0.68	cps
Yttrium	89-1	17733234	17586206	17239593	17519678	1.45	cps
Yttrium	89-2	4185604	4090465	4153896	4143322	1.17	cps
Zinc	66-2	206052	205129	203507	204896	0.63	cps
Zirconium	90-1	11116112	11296419	11077051	11163194	1.05	cps
Zirconium	91-1	2475928	2524407	2465196	2488510	1.27	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 12:55:13	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6957	6774	6896	6876	1.36	cps
Antimony	121-1	21383	20565	20824	20924	2.00	cps
Arsenic	75-2	733	776	722	744	3.81	cps
Barium	135-1	25657	24889	25331	25292	1.52	cps
Barium	137-1	42815	42088	42765	42556	0.95	cps
Beryllium	9-1	2544	2654	2750	2649	3.90	cps
Bismuth	209-1	8117471	8380056	8263592	8253706	1.59	cps
Bismuth	209-2	6920427	6835556	6932602	6896195	0.77	cps
Boron	10-1	14849	14932	15875	15219	3.74	cps
Boron	11-1	70143	71926	73717	71928	2.48	cps
Bromine	81-1	13089	13031	13156	13092	0.48	cps
Bromine	81-2	80	60	80	73	15.75	cps
Cadmium	111-1	7131	7722	7466	7440	3.98	cps
Cadmium	106-1	6326	6760	6468	6518	3.39	cps
Cadmium	108-1	313	229	292	278	15.61	cps
Calcium	43-1	21249	20765	21132	21048	1.20	cps
Calcium	44-1	348670	352091	350014	350259	0.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14500	14030	14277	14269	1.65	cps
Cobalt	59-2	9837	9393	9647	9625	2.31	cps
Copper	63-2	14297	14404	14520	14407	0.78	cps
Dysprosium	156-1	17	17	58	31	78.72	cps
Dysprosium	156-2	10	10	3	8	49.52	cps
Erbium	164-1	92	67	33	64	45.81	cps
Erbium	164-2	50	67	33	50	33.34	cps
Gadolinium	160-1	58	75	42	58	28.57	cps
Gadolinium	160-2	280	207	203	230	18.84	cps
Holmium	165-1	12596468	13115134	12865504	12859035	2.02	cps
Holmium	165-2	9150011	9227426	9063770	9147069	0.90	cps
Indium	115-1	10935068	11263963	11115839	11104956	1.48	cps
Indium	115-2	3921108	3930607	3971482	3941066	0.68	cps
Iron	56-2	290029	289228	290812	290023	0.27	cps
Iron	57-2	7385	7341	7346	7357	0.33	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 12:55:13	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	17859	18190	17338	17795	2.41	cps
Krypton	83-1	5975	6365	6151	6164	3.17	cps
Lead	206-1	8386	8464	8130	8327	2.10	cps
Lead	207-1	7663	6846	7085	7198	5.84	cps
Lead	208-1	33939	33150	33189	33426	1.33	cps
Lithium	6-1	3407191	3430901	3394292	3410795	0.54	cps
Magnesium	24-2	297254	292803	292751	294270	0.88	cps
Manganese	55-2	4944	4908	5044	4965	1.43	cps
Molybdenum	94-1	25014	25890	24980	25295	2.04	cps
Molybdenum	95-1	30274	30816	30950	30680	1.17	cps
Molybdenum	96-1	34116	34224	34541	34294	0.65	cps
Molybdenum	97-1	18838	18988	19313	19046	1.28	cps
Molybdenum	98-1	49100	47787	48598	48495	1.37	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	2784	2714	2674	2724	2.04	cps
Phosphorus	31-2	600	775	733	703	13.01	cps
Potassium	39-2	374561	379915	375804	376760	0.74	cps
Rhodium	103-1	10875794	11071702	11091212	11012903	1.08	cps
Rhodium	103-2	6938118	6904028	6922397	6921514	0.25	cps
Scandium	45-1	8232230	8461387	8384268	8359295	1.39	cps
Scandium	45-2	668161	662531	671975	667556	0.71	cps
Selenium	82-1	1018	1179	1359	1186	14.38	cps
Selenium	77-2	137	70	90	99	34.60	cps
Selenium	78-2	663	694	674	677	2.36	cps
Silicon	28-1	803984	806124	803666	804591	0.17	cps
Silver	107-1	12831	14140	14583	13851	6.58	cps
Silver	109-1	12431	13757	13899	13362	6.06	cps
Sodium	23-2	508845	506133	508266	507748	0.28	cps
Strontium	86-1	13590	13865	14065	13840	1.72	cps
Strontium	88-1	35460	35051	35627	35379	0.84	cps
Sulfur	34-1	449674	452220	453178	451691	0.40	cps
Terbium	159-1	13248694	13350935	13249896	13283175	0.44	cps
Terbium	159-2	9191642	9193107	9331624	9238791	0.87	cps
Thallium	203-1	10029	9854	10254	10046	2.00	cps
Thallium	205-1	23888	24155	24364	24136	0.99	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 12:55:13	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	30012	29845	30552	30137	1.23	cps
Tin	118-1	44812	46292	47078	46060	2.50	cps
Titanium	47-1	10179	9478	9378	9678	4.51	cps
Uranium	238-1	36953	36260	35976	36396	1.38	cps
Vanadium	51-2	25271	24607	24924	24934	1.33	cps
Yttrium	89-1	17652767	17934873	17986974	17858205	1.01	cps
Yttrium	89-2	4375245	4334131	4381195	4363524	0.59	cps
Zinc	66-2	3027	3214	3290	3177	4.26	cps
Zirconium	90-1	22192	22167	22927	22429	1.92	cps
Zirconium	91-1	4968	4901	5076	4982	1.77	cps

LB Number : LB121155 Operator : Jaswal
 Lab Sample ID : ICB18 Instrumnet Name : P7
 Client Sample ID : ICB18 Dilution Factor : 1
 Date & Time Acquired : 2022-05-06 13:00:32 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	306	272	217	265	16.96	cps
Antimony	121-1	167	167	167	167	0.00	cps
Arsenic	75-2	22	20	26	23	12.40	cps
Barium	135-1	125	125	50	100	43.30	cps
Barium	137-1	117	92	100	103	12.39	cps
Beryllium	9-1	43	53	60	52	16.07	cps
Bismuth	209-1	8101862	8151082	8149667	8134204	0.34	cps
Bismuth	209-2	6856971	6830373	6904943	6864096	0.55	cps
Boron	10-1	1233	1125	1067	1142	7.41	cps
Boron	11-1	5268	4826	4993	5029	4.44	cps
Bromine	81-1	13123	13240	13665	13343	2.14	cps
Bromine	81-2	60	70	90	73	20.83	cps
Cadmium	111-1	3947	4156	3909	4004	3.33	cps
Cadmium	106-1	5593	5926	5618	5712	3.25	cps
Cadmium	108-1	50	54	75	60	22.43	cps
Calcium	43-1	242	225	308	258	17.07	cps
Calcium	44-1	21917	21683	21141	21580	1.85	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2250	2410	2467	2376	4.73	cps
Cobalt	59-2	157	130	170	152	13.38	cps
Copper	63-2	957	900	943	933	3.17	cps
Dysprosium	156-1	8	42	17	22	78.07	cps
Dysprosium	156-2	10	20	7	12	56.76	cps
Erbium	164-1	92	100	83	92	9.09	cps
Erbium	164-2	57	40	63	53	22.53	cps
Gadolinium	160-1	100	33	58	64	52.72	cps
Gadolinium	160-2	200	213	237	217	8.57	cps
Holmium	165-1	12808735	12822651	12791482	12807623	0.12	cps
Holmium	165-2	9102659	8945313	9068765	9038912	0.92	cps
Indium	115-1	11293933	11261645	11336447	11297342	0.33	cps
Indium	115-2	3866527	3977735	3948984	3931082	1.47	cps
Iron	56-2	17377	16476	16476	16776	3.10	cps
Iron	57-2	567	572	522	554	4.95	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	ICB18	Instrumnet Name :	P7
Client Sample ID :	ICB18	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:00:32	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2012	1752	1582	1782	12.17	cps
Krypton	83-1	5698	5258	5218	5391	4.94	cps
Lead	206-1	678	739	711	709	4.31	cps
Lead	207-1	550	617	656	607	8.79	cps
Lead	208-1	2639	2800	3117	2852	8.52	cps
Lithium	6-1	3430066	3494275	3458929	3461090	0.93	cps
Magnesium	24-2	606	478	461	515	15.35	cps
Manganese	55-2	283	260	277	273	4.40	cps
Molybdenum	94-1	367	450	492	436	14.59	cps
Molybdenum	95-1	200	175	233	203	14.43	cps
Molybdenum	96-1	392	333	342	356	8.87	cps
Molybdenum	97-1	117	117	117	117	0.00	cps
Molybdenum	98-1	242	375	300	306	21.88	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	300	310	240	283	13.36	cps
Phosphorus	31-2	317	350	308	325	6.78	cps
Potassium	39-2	65031	65759	65424	65405	0.56	cps
Rhodium	103-1	10919762	11115898	11134127	11056596	1.07	cps
Rhodium	103-2	6802986	6947697	6916888	6889190	1.11	cps
Scandium	45-1	8398828	8449083	8333341	8393751	0.69	cps
Scandium	45-2	658628	661111	656889	658876	0.32	cps
Selenium	82-1	-163	204	62	34	540.97	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	298	307	298	301	1.77	cps
Silicon	28-1	739519	737710	737230	738153	0.16	cps
Silver	107-1	300	267	208	258	17.96	cps
Silver	109-1	175	217	233	208	14.42	cps
Sodium	23-2	27041	26495	26183	26573	1.63	cps
Strontium	86-1	8828	8553	8778	8719	1.68	cps
Strontium	88-1	633	625	792	683	13.74	cps
Sulfur	34-1	454906	458066	455709	456227	0.36	cps
Terbium	159-1	13275545	13269649	13341302	13295499	0.30	cps
Terbium	159-2	9194815	9244799	8996924	9145513	1.43	cps
Thallium	203-1	617	692	683	664	6.19	cps
Thallium	205-1	1725	1975	1600	1767	10.81	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	ICB18	Instrumnet Name :	P7
Client Sample ID :	ICB18	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:00:32	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	156	111	72	113	36.92	cps
Tin	118-1	875	708	825	803	10.65	cps
Titanium	47-1	150	208	133	164	24.03	cps
Uranium	238-1	92	92	142	108	26.65	cps
Vanadium	51-2	77	80	100	86	14.75	cps
Yttrium	89-1	17711862	17665988	17530192	17636014	0.54	cps
Yttrium	89-2	4273194	4340913	4286448	4300185	0.83	cps
Zinc	66-2	487	493	403	461	10.88	cps
Zirconium	90-1	1233	1117	1067	1139	7.51	cps
Zirconium	91-1	275	175	217	222	22.60	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	ICSA18	Instrumnet Name :	P7
Client Sample ID :	ICSA18	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:03:25	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28317160	27721902	28531952	28190338	1.49	cps
Antimony	121-1	11430	11839	11697	11655	1.78	cps
Arsenic	75-2	230	194	274	233	17.15	cps
Barium	135-1	3784	3959	3384	3709	7.95	cps
Barium	137-1	6235	6593	6343	6391	2.88	cps
Beryllium	9-1	663	643	707	671	4.82	cps
Bismuth	209-1	7787122	7792783	7773490	7784465	0.13	cps
Bismuth	209-2	6346349	6406495	6472802	6408549	0.99	cps
Boron	10-1	1308	1225	1158	1231	6.11	cps
Boron	11-1	5209	5368	5468	5348	2.44	cps
Bromine	81-1	12739	12806	13823	13123	4.63	cps
Bromine	81-2	210	200	140	184	20.65	cps
Cadmium	111-1	5714	5572	5382	5556	2.99	cps
Cadmium	106-1	6168	6101	5576	5949	5.45	cps
Cadmium	108-1	3334	3017	3096	3149	5.23	cps
Calcium	43-1	3764192	3780195	3788829	3777739	0.33	cps
Calcium	44-1	59555168	59857656	59647333	59686719	0.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	112065	111723	111159	111649	0.41	cps
Cobalt	59-2	10133	10444	10664	10414	2.56	cps
Copper	63-2	45051	45251	45148	45150	0.22	cps
Dysprosium	156-1	50	92	75	72	29.04	cps
Dysprosium	156-2	33	50	43	42	19.87	cps
Erbium	164-1	183	100	75	119	47.49	cps
Erbium	164-2	110	90	83	94	14.70	cps
Gadolinium	160-1	92	142	200	144	37.54	cps
Gadolinium	160-2	223	273	247	248	10.10	cps
Holmium	165-1	13137114	12848843	12776919	12920958	1.48	cps
Holmium	165-2	8973030	9149897	9103421	9075449	1.01	cps
Indium	115-1	10619911	10567312	10434080	10540434	0.91	cps
Indium	115-2	3612788	3625959	3625704	3621483	0.21	cps
Iron	56-2	495051000	506227400	504025978	501768126	1.18	cps
Iron	57-2	12539387	12370341	12619991	12509906	1.02	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	ICSA18	Instrumnet Name :	P7
Client Sample ID :	ICSA18	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:03:25	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	27291604	27800470	27639127	27577067	0.94	cps
Krypton	83-1	4898	5454	5424	5259	5.96	cps
Lead	206-1	35569	36293	36076	35979	1.03	cps
Lead	207-1	28207	28658	28402	28423	0.80	cps
Lead	208-1	134532	136639	135407	135526	0.78	cps
Lithium	6-1	3251152	3177922	3223253	3217443	1.15	cps
Magnesium	24-2	53733662	52982496	53835005	53517054	0.87	cps
Manganese	55-2	31042	31059	31152	31084	0.19	cps
Molybdenum	94-1	6586675	6609503	6585646	6593941	0.20	cps
Molybdenum	95-1	11321782	11460003	11466943	11416242	0.72	cps
Molybdenum	96-1	12411064	12489941	12470998	12457334	0.33	cps
Molybdenum	97-1	7099567	7198438	7001455	7099820	1.39	cps
Molybdenum	98-1	18128334	18332345	18164523	18208401	0.60	cps
Neodymium	150-1	33	33	53	40	28.87	cps
Neodymium	150-2	30	37	17	28	36.66	cps
Nickel	60-2	11925	12002	11891	11939	0.47	cps
Phosphorus	31-2	1449733	1415466	1477261	1447486	2.14	cps
Potassium	39-2	54942462	54911822	55724062	55192782	0.83	cps
Rhodium	103-1	10034301	10070935	9958209	10021148	0.57	cps
Rhodium	103-2	6114853	6203894	6151575	6156774	0.73	cps
Scandium	45-1	7993319	7863409	7873682	7910137	0.91	cps
Scandium	45-2	616460	609732	616365	614185	0.63	cps
Selenium	82-1	127	-221	26	-23	-784.17	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	261	267	328	285	12.97	cps
Silicon	28-1	838700	827793	833532	833342	0.65	cps
Silver	107-1	1392	958	858	1070	26.51	cps
Silver	109-1	1217	808	900	975	21.98	cps
Sodium	23-2	92499483	90985630	93054052	92179722	1.16	cps
Strontium	86-1	137278	139870	139810	138986	1.06	cps
Strontium	88-1	1137371	1131151	1135338	1134620	0.28	cps
Sulfur	34-1	7079940	7063353	6985363	7042886	0.72	cps
Terbium	159-1	13355235	13425761	13164799	13315265	1.01	cps
Terbium	159-2	8941100	9198683	9065047	9068277	1.42	cps
Thallium	203-1	1975	2534	2534	2347	13.73	cps
Thallium	205-1	4901	5793	6110	5601	11.19	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	ICSA18	Instrumnet Name :	P7
Client Sample ID :	ICSA18	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:03:25	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	94	106	94	98	6.54	cps
Tin	118-1	2017	1967	2084	2022	2.90	cps
Titanium	47-1	3562328	3570993	3596667	3576663	0.50	cps
Uranium	238-1	608	633	633	625	2.31	cps
Vanadium	51-2	890	740	710	780	12.36	cps
Yttrium	89-1	17060124	17003638	16659274	16907679	1.28	cps
Yttrium	89-2	4055074	4120640	4064268	4079994	0.87	cps
Zinc	66-2	14260	14390	14030	14227	1.28	cps
Zirconium	90-1	1192	1325	1358	1292	6.83	cps
Zirconium	91-1	242	217	267	242	10.35	cps

LB Number : LB121155 Operator : Jaswal
 Lab Sample ID : ICSAB18 Instrumnet Name : P7
 Client Sample ID : ICSAB18 Dilution Factor : 1
 Date & Time Acquired : 2022-05-06 13:06:14 DataFile Name : 017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28599410	28300859	28466462	28455577	0.53	cps
Antimony	121-1	217311	216769	216694	216925	0.16	cps
Arsenic	75-2	12911	12933	13180	13008	1.15	cps
Barium	135-1	52756	52749	53894	53133	1.24	cps
Barium	137-1	92166	93121	90832	92040	1.25	cps
Beryllium	9-1	48342	48886	48816	48681	0.61	cps
Bismuth	209-1	7927748	7853013	7921547	7900769	0.52	cps
Bismuth	209-2	6527205	6474717	6437485	6479802	0.70	cps
Boron	10-1	18854	19329	19638	19274	2.05	cps
Boron	11-1	90171	93482	95856	93170	3.06	cps
Bromine	81-1	13573	13673	13707	13651	0.51	cps
Bromine	81-2	160	160	260	194	29.86	cps
Cadmium	111-1	64125	63100	63003	63409	0.98	cps
Cadmium	106-1	13932	13907	13215	13685	2.98	cps
Cadmium	108-1	7648	8157	7698	7834	3.58	cps
Calcium	43-1	3851435	3892861	3816953	3853750	0.99	cps
Calcium	44-1	61134895	61546353	59934695	60871981	1.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	221538	222161	222509	222069	0.22	cps
Cobalt	59-2	179780	181147	179484	180137	0.49	cps
Copper	63-2	161319	160965	161086	161123	0.11	cps
Dysprosium	156-1	42	25	58	42	40.00	cps
Dysprosium	156-2	40	27	53	40	33.33	cps
Erbium	164-1	92	125	142	119	21.31	cps
Erbium	164-2	107	80	70	86	22.16	cps
Gadolinium	160-1	92	100	117	103	12.39	cps
Gadolinium	160-2	257	267	247	257	3.90	cps
Holmium	165-1	12824957	12795962	12800251	12807057	0.12	cps
Holmium	165-2	9136724	9099532	9205351	9147203	0.59	cps
Indium	115-1	10514970	10525075	10572089	10537378	0.29	cps
Indium	115-2	3673945	3683154	3663551	3673550	0.27	cps
Iron	56-2	511996078	508962122	502534900	507831034	0.95	cps
Iron	57-2	12689179	12465799	12550554	12568511	0.90	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	ICSAB18	Instrumnet Name :	P7
Client Sample ID :	ICSAB18	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:06:14	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	27893301	27567980	28014564	27825282	0.83	cps
Krypton	83-1	5014	4808	5214	5012	4.06	cps
Lead	206-1	191401	191061	194042	192168	0.85	cps
Lead	207-1	154160	157886	156373	156140	1.20	cps
Lead	208-1	737072	743376	741486	740645	0.44	cps
Lithium	6-1	3201965	3259767	3110349	3190693	2.36	cps
Magnesium	24-2	53754404	53445391	54021985	53740593	0.54	cps
Manganese	55-2	111351	111899	110817	111356	0.49	cps
Molybdenum	94-1	7228873	7179614	7261638	7223375	0.57	cps
Molybdenum	95-1	11787953	11759947	11886982	11811627	0.57	cps
Molybdenum	96-1	12731260	12658266	12875550	12755025	0.87	cps
Molybdenum	97-1	7274923	7291312	7407268	7324501	0.98	cps
Molybdenum	98-1	18825826	18896748	18884950	18869175	0.20	cps
Neodymium	150-1	27	47	40	38	26.95	cps
Neodymium	150-2	23	33	40	32	26.04	cps
Nickel	60-2	54947	55773	55767	55496	0.86	cps
Phosphorus	31-2	1465341	1458096	1448319	1457252	0.59	cps
Potassium	39-2	56247947	56285255	55923355	56152186	0.35	cps
Rhodium	103-1	10016809	9930189	10046144	9997714	0.60	cps
Rhodium	103-2	6232475	6258599	6181893	6224323	0.63	cps
Scandium	45-1	7973181	7970911	7835592	7926561	0.99	cps
Scandium	45-2	622562	625293	622165	623340	0.27	cps
Selenium	82-1	4302	4639	4196	4379	5.28	cps
Selenium	77-2	413	413	313	380	15.19	cps
Selenium	78-2	1541	1554	1543	1546	0.45	cps
Silicon	28-1	1372282	1384388	1402827	1386499	1.11	cps
Silver	107-1	263945	266139	264278	264787	0.45	cps
Silver	109-1	252076	252703	252414	252398	0.12	cps
Sodium	23-2	94996652	93228152	93925388	94050064	0.95	cps
Strontium	86-1	352120	353140	354499	353253	0.34	cps
Strontium	88-1	3098168	3101803	3080260	3093410	0.37	cps
Sulfur	34-1	7158975	7177414	7044676	7127021	1.01	cps
Terbium	159-1	13355629	13283788	13357151	13332189	0.31	cps
Terbium	159-2	9193144	9105681	9163195	9154007	0.49	cps
Thallium	203-1	192736	197221	200138	196698	1.90	cps
Thallium	205-1	460334	464837	461552	462241	0.50	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	ICSAB18	Instrumnet Name :	P7
Client Sample ID :	ICSAB18	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:06:14	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	117	100	117	111	8.66	cps
Tin	118-1	482120	481128	484464	482571	0.35	cps
Titanium	47-1	3719150	3688382	3660797	3689443	0.79	cps
Uranium	238-1	1813287	1778184	1781092	1790854	1.09	cps
Vanadium	51-2	93545	94809	93524	93959	0.78	cps
Yttrium	89-1	16940190	17255341	17031922	17075818	0.95	cps
Yttrium	89-2	4169448	4228168	4144718	4180778	1.03	cps
Zinc	66-2	34089	34246	34530	34288	0.65	cps
Zirconium	90-1	1121961	1131123	1119875	1124320	0.53	cps
Zirconium	91-1	248582	248587	246817	247995	0.41	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	CCV58	Instrumnet Name :	P7
Client Sample ID :	CCV58	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:08:59	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14645361	14677384	14771830	14698192	0.45	cps
Antimony	121-1	5373622	5448001	5532696	5451440	1.46	cps
Arsenic	75-2	306483	307959	304839	306427	0.51	cps
Barium	135-1	6176896	6257809	6315530	6250078	1.11	cps
Barium	137-1	10740664	10893488	10849957	10828036	0.73	cps
Beryllium	9-1	1170758	1181537	1163883	1172059	0.76	cps
Bismuth	209-1	7481914	7389966	7489073	7453651	0.74	cps
Bismuth	209-2	6143515	6168344	6092442	6134767	0.63	cps
Boron	10-1	280090	295927	294123	290047	2.99	cps
Boron	11-1	1346129	1370941	1431030	1382700	3.16	cps
Bromine	81-1	12506	12214	12622	12447	1.69	cps
Bromine	81-2	120	90	110	107	14.32	cps
Cadmium	111-1	1404900	1418312	1426777	1416663	0.78	cps
Cadmium	106-1	158612	156969	161535	159038	1.45	cps
Cadmium	108-1	109666	112751	112856	111757	1.62	cps
Calcium	43-1	9164667	9231755	9292498	9229640	0.69	cps
Calcium	44-1	145473928	148277007	146472649	146741195	0.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2803702	2790927	2724692	2773107	1.53	cps
Cobalt	59-2	4191722	4204886	4238325	4211644	0.57	cps
Copper	63-2	31176415	30975168	31083770	31078451	0.32	cps
Dysprosium	156-1	758	767	742	756	1.68	cps
Dysprosium	156-2	570	607	577	584	3.34	cps
Erbium	164-1	233	267	183	228	18.41	cps
Erbium	164-2	170	147	147	154	8.72	cps
Gadolinium	160-1	650	533	525	569	12.27	cps
Gadolinium	160-2	543	567	693	601	13.43	cps
Holmium	165-1	12451227	12441295	12536419	12476314	0.42	cps
Holmium	165-2	8854820	8822776	8795916	8824504	0.33	cps
Indium	115-1	10009894	10035523	10086920	10044112	0.39	cps
Indium	115-2	3567469	3522924	3470787	3520394	1.37	cps
Iron	56-2	617167747	622203414	606416391	615262517	1.31	cps
Iron	57-2	15443228	15443352	15467623	15451401	0.09	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	CCV58	Instrumnet Name :	P7
Client Sample ID :	CCV58	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:08:59	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	34455357	33760340	33148107	33787935	1.94	cps
Krypton	83-1	4858	5018	5104	4993	2.51	cps
Lead	206-1	19959482	20042384	20439274	20147047	1.27	cps
Lead	207-1	17699372	17540986	17785952	17675437	0.70	cps
Lead	208-1	81030138	80475979	81774678	81093598	0.80	cps
Lithium	6-1	3174387	3155637	3126013	3152012	0.77	cps
Magnesium	24-2	137800286	137746795	136766214	137437765	0.42	cps
Manganese	55-2	20137341	20230760	19890266	20086122	0.88	cps
Molybdenum	94-1	19971111	20509969	20463957	20315012	1.47	cps
Molybdenum	95-1	28268644	28830583	28854989	28651406	1.16	cps
Molybdenum	96-1	31368489	32072789	32041255	31827511	1.25	cps
Molybdenum	97-1	17707595	17946408	17982016	17878673	0.83	cps
Molybdenum	98-1	45638706	45872386	45755206	45755433	0.26	cps
Neodymium	150-1	400	393	460	418	8.79	cps
Neodymium	150-2	103	73	130	102	27.74	cps
Nickel	60-2	1095090	1105307	1095785	1098727	0.52	cps
Phosphorus	31-2	148592	151067	149314	149658	0.85	cps
Potassium	39-2	69914899	70328039	70432147	70225029	0.39	cps
Rhodium	103-1	9475388	9493950	9474265	9481201	0.12	cps
Rhodium	103-2	6090712	5906928	5768182	5921940	2.73	cps
Scandium	45-1	7827589	7757337	7783319	7789415	0.46	cps
Scandium	45-2	620661	617227	611433	616440	0.76	cps
Selenium	82-1	106900	106731	108581	107404	0.95	cps
Selenium	77-2	10097	10047	10033	10059	0.33	cps
Selenium	78-2	33959	33631	34401	33997	1.14	cps
Silicon	28-1	37213086	37507474	37886628	37535729	0.90	cps
Silver	107-1	7100247	7130877	7137863	7122996	0.28	cps
Silver	109-1	6715272	6779318	6734692	6743094	0.49	cps
Sodium	23-2	229477177	229930961	227687900	229032013	0.52	cps
Strontium	86-1	1943782	1960361	1982220	1962121	0.98	cps
Strontium	88-1	16790553	16693444	16897410	16793802	0.61	cps
Sulfur	34-1	1004310	1012618	1019865	1012264	0.77	cps
Terbium	159-1	12824390	12775176	12907159	12835575	0.52	cps
Terbium	159-2	8920577	8836099	8765404	8840693	0.88	cps
Thallium	203-1	4918806	4863149	4911854	4897936	0.62	cps
Thallium	205-1	11582426	11559601	11813710	11651912	1.21	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	CCV58	Instrumnet Name :	P7
Client Sample ID :	CCV58	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:08:59	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	17780239	17647439	17958211	17795296	0.88	cps
Tin	118-1	4339127	4470207	4486860	4432065	1.83	cps
Titanium	47-1	8673336	8771205	8829377	8757973	0.90	cps
Uranium	238-1	16186398	16063274	16297983	16182552	0.73	cps
Vanadium	51-2	2432364	2371954	2378767	2394361	1.38	cps
Yttrium	89-1	16409576	16451359	16492570	16451169	0.25	cps
Yttrium	89-2	4128335	4031599	3988301	4049411	1.77	cps
Zinc	66-2	5140796	5137355	5181071	5153074	0.47	cps
Zirconium	90-1	10265052	10435752	10455773	10385526	1.01	cps
Zirconium	91-1	2321768	2324933	2326532	2324411	0.10	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	CCB58	Instrumnet Name :	P7
Client Sample ID :	CCB58	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:19:49	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	800	711	822	778	7.56	cps
Antimony	121-1	717	767	850	778	8.66	cps
Arsenic	75-2	22	19	20	20	9.08	cps
Barium	135-1	108	83	92	94	13.48	cps
Barium	137-1	100	133	125	119	14.53	cps
Beryllium	9-1	53	70	60	61	13.73	cps
Bismuth	209-1	8395686	8344238	8491899	8410608	0.89	cps
Bismuth	209-2	6910104	6792496	6859698	6854099	0.86	cps
Boron	10-1	1767	1417	1417	1533	13.18	cps
Boron	11-1	7861	7794	7652	7769	1.37	cps
Bromine	81-1	12756	12597	12681	12678	0.63	cps
Bromine	81-2	50	60	60	57	10.19	cps
Cadmium	111-1	4022	4099	4217	4113	2.39	cps
Cadmium	106-1	5735	5776	5960	5824	2.06	cps
Cadmium	108-1	67	33	25	42	52.92	cps
Calcium	43-1	267	350	425	347	22.81	cps
Calcium	44-1	23961	24303	24053	24106	0.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2340	2367	2300	2336	1.44	cps
Cobalt	59-2	183	257	233	224	16.69	cps
Copper	63-2	1490	1353	1427	1423	4.81	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	13	7	7	9	43.25	cps
Erbium	164-1	58	133	83	92	41.66	cps
Erbium	164-2	77	40	87	68	36.25	cps
Gadolinium	160-1	83	117	58	86	33.99	cps
Gadolinium	160-2	170	227	233	210	16.57	cps
Holmium	165-1	12994180	12907919	12911046	12937715	0.38	cps
Holmium	165-2	9188919	9025358	9084263	9099513	0.91	cps
Indium	115-1	11119714	11276837	11228852	11208468	0.72	cps
Indium	115-2	3904002	3866835	3866941	3879259	0.55	cps
Iron	56-2	28906	29902	30002	29603	2.05	cps
Iron	57-2	817	844	833	832	1.68	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	CCB58	Instrumnet Name :	P7
Client Sample ID :	CCB58	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:19:49	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2523	2683	2643	2616	3.19	cps
Krypton	83-1	5191	5158	5458	5269	3.12	cps
Lead	206-1	1100	1200	1206	1169	5.08	cps
Lead	207-1	1000	1061	1078	1046	3.91	cps
Lead	208-1	4528	4806	4956	4763	4.56	cps
Lithium	6-1	3330865	3435058	3399638	3388520	1.56	cps
Magnesium	24-2	2689	2723	2517	2643	4.17	cps
Manganese	55-2	427	473	537	479	11.53	cps
Molybdenum	94-1	850	750	700	767	9.96	cps
Molybdenum	95-1	675	392	600	556	26.42	cps
Molybdenum	96-1	925	733	617	758	20.53	cps
Molybdenum	97-1	308	300	333	314	5.53	cps
Molybdenum	98-1	1042	800	875	906	13.66	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	250	223	247	240	6.05	cps
Phosphorus	31-2	283	308	300	297	4.28	cps
Potassium	39-2	69719	68111	69676	69169	1.32	cps
Rhodium	103-1	10829265	11035173	10891497	10918645	0.97	cps
Rhodium	103-2	6835584	6802530	6848199	6828771	0.35	cps
Scandium	45-1	8173287	8210382	8333201	8238957	1.02	cps
Scandium	45-2	649760	648342	651039	649714	0.21	cps
Selenium	82-1	54	285	52	131	102.67	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	269	287	296	284	4.98	cps
Silicon	28-1	760166	758480	763726	760790	0.35	cps
Silver	107-1	308	375	267	317	17.26	cps
Silver	109-1	242	175	300	239	26.18	cps
Sodium	23-2	42470	41528	42113	42037	1.13	cps
Strontium	86-1	7961	8778	8594	8444	5.08	cps
Strontium	88-1	900	700	942	847	15.25	cps
Sulfur	34-1	428954	425904	432561	429140	0.78	cps
Terbium	159-1	13156574	13374143	13459016	13329911	1.17	cps
Terbium	159-2	9209386	9164039	9216690	9196705	0.31	cps
Thallium	203-1	1692	1558	1558	1603	4.80	cps
Thallium	205-1	4067	3859	4109	4012	3.34	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	CCB58	Instrumnet Name :	P7
Client Sample ID :	CCB58	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:19:49	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	217	178	250	215	16.83	cps
Tin	118-1	717	883	883	828	11.62	cps
Titanium	47-1	242	233	208	228	7.62	cps
Uranium	238-1	225	125	208	186	28.79	cps
Vanadium	51-2	80	107	100	96	14.52	cps
Yttrium	89-1	17946252	17612257	17811548	17790019	0.94	cps
Yttrium	89-2	4236140	4246459	4324855	4269151	1.14	cps
Zinc	66-2	420	477	453	450	6.33	cps
Zirconium	90-1	1217	1150	1267	1211	4.83	cps
Zirconium	91-1	283	325	217	275	19.87	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:29:22	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6863	6435	6768	6689	3.36	cps
Antimony	121-1	20648	20924	21817	21130	2.89	cps
Arsenic	75-2	739	706	719	721	2.33	cps
Barium	135-1	25557	25181	24731	25156	1.64	cps
Barium	137-1	42631	42907	42974	42837	0.42	cps
Beryllium	9-1	2700	2520	2714	2645	4.08	cps
Bismuth	209-1	8342927	8290377	8509173	8380826	1.36	cps
Bismuth	209-2	6839635	6872622	6732057	6814771	1.08	cps
Boron	10-1	13515	14315	14807	14212	4.59	cps
Boron	11-1	64409	68234	73533	68725	6.67	cps
Bromine	81-1	13790	13849	13640	13760	0.78	cps
Bromine	81-2	110	70	40	73	47.89	cps
Cadmium	111-1	7639	7411	7506	7519	1.52	cps
Cadmium	106-1	6535	6477	6568	6527	0.71	cps
Cadmium	108-1	254	313	304	290	10.87	cps
Calcium	43-1	21566	20873	22141	21527	2.95	cps
Calcium	44-1	350136	352683	351279	351366	0.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14203	14103	13843	14050	1.32	cps
Cobalt	59-2	9463	9173	9383	9340	1.60	cps
Copper	63-2	14097	14354	14013	14155	1.25	cps
Dysprosium	156-1	17	17	42	25	57.73	cps
Dysprosium	156-2	17	7	13	12	41.65	cps
Erbium	164-1	108	75	100	94	18.37	cps
Erbium	164-2	53	57	63	58	8.81	cps
Gadolinium	160-1	33	50	92	58	51.51	cps
Gadolinium	160-2	157	253	213	208	23.38	cps
Holmium	165-1	13186335	13138372	12999346	13108017	0.74	cps
Holmium	165-2	9213510	9077839	8968055	9086468	1.35	cps
Indium	115-1	11513613	11312397	11359587	11395199	0.92	cps
Indium	115-2	3984322	3870347	3893529	3916066	1.54	cps
Iron	56-2	289535	291068	288372	289658	0.47	cps
Iron	57-2	7196	7685	7207	7363	3.79	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:29:22	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	16786	17027	17548	17121	2.27	cps
Krypton	83-1	5564	5091	5288	5314	4.48	cps
Lead	206-1	8620	8342	8014	8325	3.64	cps
Lead	207-1	7091	7391	7274	7252	2.09	cps
Lead	208-1	33856	33895	33512	33754	0.63	cps
Lithium	6-1	3369799	3368010	3416973	3384928	0.82	cps
Magnesium	24-2	293805	289743	286351	289966	1.29	cps
Manganese	55-2	4951	4898	4978	4942	0.82	cps
Molybdenum	94-1	24938	26040	25381	25453	2.18	cps
Molybdenum	95-1	29647	30433	31117	30399	2.42	cps
Molybdenum	96-1	33698	33414	34708	33940	2.00	cps
Molybdenum	97-1	18779	19572	18696	19016	2.54	cps
Molybdenum	98-1	47846	48866	49108	48607	1.38	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	2400	2504	2524	2476	2.67	cps
Phosphorus	31-2	458	700	525	561	22.24	cps
Potassium	39-2	381683	381479	374001	379054	1.15	cps
Rhodium	103-1	11378582	11124863	11158217	11220554	1.23	cps
Rhodium	103-2	6903098	6850445	6849849	6867797	0.45	cps
Scandium	45-1	8498454	8414538	8556920	8489971	0.84	cps
Scandium	45-2	654082	659782	649715	654526	0.77	cps
Selenium	82-1	957	1509	1467	1311	23.46	cps
Selenium	77-2	113	110	143	122	15.02	cps
Selenium	78-2	694	622	685	667	5.89	cps
Silicon	28-1	841991	841938	837433	840454	0.31	cps
Silver	107-1	11180	13890	14157	13076	12.60	cps
Silver	109-1	11346	12339	13073	12253	7.07	cps
Sodium	23-2	507332	512955	506995	509094	0.66	cps
Strontium	86-1	13198	13215	13114	13176	0.41	cps
Strontium	88-1	35009	35160	34858	35009	0.43	cps
Sulfur	34-1	452686	442442	446469	447199	1.15	cps
Terbium	159-1	13807160	13697051	13481641	13661951	1.21	cps
Terbium	159-2	9077215	9180488	9026686	9094796	0.86	cps
Thallium	203-1	10179	11105	10513	10599	4.42	cps
Thallium	205-1	25483	24364	25333	25060	2.42	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:29:22	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	27830	29556	30185	29190	4.18	cps
Tin	118-1	46317	47596	47345	47086	1.44	cps
Titanium	47-1	9437	9470	10004	9637	3.30	cps
Uranium	238-1	35390	36402	35642	35811	1.47	cps
Vanadium	51-2	24884	24403	24246	24511	1.36	cps
Yttrium	89-1	18158096	18105196	18070555	18111283	0.24	cps
Yttrium	89-2	4304087	4363067	4342364	4336506	0.69	cps
Zinc	66-2	3070	3214	2937	3074	4.50	cps
Zirconium	90-1	22534	21833	23077	22482	2.77	cps
Zirconium	91-1	4968	4776	5051	4932	2.86	cps

LB Number : LB121155 Operator : Jaswal
 Lab Sample ID : N1645-01 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-SOIL-01-QT1- Dilution Factor : 1
 Date & Time Acquired : 2022-05-06 13:32:14 DataFile Name : 021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1728	1995	1961	1895	7.67	cps
Antimony	121-1	2725	2800	3000	2842	5.00	cps
Arsenic	75-2	237	193	167	199	17.91	cps
Barium	135-1	3050	3192	3075	3106	2.44	cps
Barium	137-1	5543	5726	5460	5576	2.45	cps
Beryllium	9-1	737	637	677	683	7.37	cps
Bismuth	209-1	8250064	8303447	8250688	8268066	0.37	cps
Bismuth	209-2	6923403	6852621	6875119	6883715	0.53	cps
Boron	10-1	2450	2500	2359	2436	2.95	cps
Boron	11-1	11104	11888	12188	11727	4.77	cps
Bromine	81-1	13573	13315	14057	13648	2.76	cps
Bromine	81-2	70	60	130	87	43.68	cps
Cadmium	111-1	5370	5543	5013	5308	5.09	cps
Cadmium	106-1	6535	6877	6135	6516	5.70	cps
Cadmium	108-1	150	96	104	117	25.00	cps
Calcium	43-1	1417	1442	1433	1431	0.89	cps
Calcium	44-1	39319	39770	39828	39639	0.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3797	4084	4134	4005	4.54	cps
Cobalt	59-2	2694	2437	2500	2544	5.26	cps
Copper	63-2	4234	4461	4311	4335	2.66	cps
Dysprosium	156-1	8	8	33	17	86.62	cps
Dysprosium	156-2	10	17	17	14	26.66	cps
Erbium	164-1	25	83	92	67	54.49	cps
Erbium	164-2	60	40	73	58	29.04	cps
Gadolinium	160-1	50	75	58	61	20.83	cps
Gadolinium	160-2	220	207	213	213	3.12	cps
Holmium	165-1	13010688	12952356	12938592	12967212	0.30	cps
Holmium	165-2	9210708	8951680	9182380	9114923	1.56	cps
Indium	115-1	11251992	11210519	11317523	11260011	0.48	cps
Indium	115-2	3894447	3941079	3861111	3898879	1.03	cps
Iron	56-2	89252	87716	87235	88067	1.20	cps
Iron	57-2	2234	2084	2272	2197	4.54	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1645-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT1-	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:32:14	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	6007	5427	5727	5720	5.08	cps
Krypton	83-1	5348	5488	5264	5367	2.10	cps
Lead	206-1	2611	2606	2645	2621	0.80	cps
Lead	207-1	2195	2472	2411	2360	6.19	cps
Lead	208-1	10852	10930	10641	10807	1.38	cps
Lithium	6-1	3299376	3319679	3338836	3319297	0.59	cps
Magnesium	24-2	15853	16164	15408	15808	2.40	cps
Manganese	55-2	3010	2770	2917	2899	4.17	cps
Molybdenum	94-1	6860	6743	6718	6774	1.12	cps
Molybdenum	95-1	7427	7952	7986	7788	4.02	cps
Molybdenum	96-1	9028	9445	8469	8981	5.45	cps
Molybdenum	97-1	4826	5126	5001	4984	3.02	cps
Molybdenum	98-1	12723	13106	12914	12914	1.49	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	723	803	843	790	7.73	cps
Phosphorus	31-2	517	367	492	458	17.53	cps
Potassium	39-2	76283	75646	75822	75917	0.43	cps
Rhodium	103-1	11109898	11133987	11132601	11125495	0.12	cps
Rhodium	103-2	6835058	6956434	6739262	6843585	1.59	cps
Scandium	45-1	8378396	8449335	8421797	8416509	0.42	cps
Scandium	45-2	661502	653877	655164	656848	0.62	cps
Selenium	82-1	799	415	731	648	31.64	cps
Selenium	77-2	60	50	70	60	16.67	cps
Selenium	78-2	493	530	526	516	3.95	cps
Silicon	28-1	767742	766797	768936	767825	0.14	cps
Silver	107-1	3092	3726	3684	3501	10.12	cps
Silver	109-1	3025	3134	3492	3217	7.59	cps
Sodium	23-2	60195	58790	59146	59377	1.23	cps
Strontium	86-1	9462	9303	9820	9528	2.78	cps
Strontium	88-1	9145	9161	9570	9292	2.59	cps
Sulfur	34-1	448945	447066	450439	448817	0.38	cps
Terbium	159-1	13533673	13602866	13621005	13585848	0.34	cps
Terbium	159-2	9161674	9030028	9252686	9148129	1.22	cps
Thallium	203-1	3801	3617	3559	3659	3.45	cps
Thallium	205-1	8319	8294	8745	8453	2.99	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1645-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT1-	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:32:14	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	7819	7914	8264	7999	2.93	cps
Tin	118-1	2867	2917	3075	2953	3.68	cps
Titanium	47-1	2200	2309	2734	2414	11.68	cps
Uranium	238-1	7452	7152	7502	7369	2.57	cps
Vanadium	51-2	1397	1363	1263	1341	5.17	cps
Yttrium	89-1	18085292	17792231	17935476	17937666	0.82	cps
Yttrium	89-2	4323193	4317014	4244764	4294990	1.02	cps
Zinc	66-2	1273	1437	1333	1348	6.13	cps
Zirconium	90-1	6552	6460	6568	6527	0.89	cps
Zirconium	91-1	1450	1558	1492	1500	3.64	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1645-02	Instrumnet Name :	P7
Client Sample ID :	LOQ-SOIL-02-QT1-2022	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:36:02	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7180	6674	7035	6963	3.74	cps
Antimony	121-1	21125	21325	21667	21372	1.28	cps
Arsenic	75-2	743	733	763	746	2.03	cps
Barium	135-1	23236	25474	25048	24586	4.83	cps
Barium	137-1	41896	43927	42991	42938	2.37	cps
Beryllium	9-1	2730	2727	2837	2765	2.26	cps
Bismuth	209-1	8397642	8299076	8259242	8318653	0.86	cps
Bismuth	209-2	6856513	6813578	6893413	6854501	0.58	cps
Boron	10-1	13615	14215	15299	14376	5.94	cps
Boron	11-1	65104	68904	73291	69099	5.93	cps
Bromine	81-1	13298	13390	13356	13348	0.35	cps
Bromine	81-2	50	90	50	63	36.46	cps
Cadmium	111-1	7385	7565	7384	7444	1.40	cps
Cadmium	106-1	6185	6677	6568	6477	3.99	cps
Cadmium	108-1	308	275	271	285	7.22	cps
Calcium	43-1	20347	20314	20840	20500	1.44	cps
Calcium	44-1	341769	350286	349245	347100	1.34	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14460	13906	14007	14124	2.09	cps
Cobalt	59-2	9460	9393	9266	9373	1.05	cps
Copper	63-2	13970	14160	14020	14050	0.70	cps
Dysprosium	156-1	25	25	42	31	31.50	cps
Dysprosium	156-2	13	7	20	13	49.99	cps
Erbium	164-1	133	58	100	97	38.66	cps
Erbium	164-2	60	33	47	47	28.58	cps
Gadolinium	160-1	133	92	100	108	20.35	cps
Gadolinium	160-2	227	250	210	229	8.78	cps
Holmium	165-1	12768111	12830466	12856621	12818399	0.35	cps
Holmium	165-2	9084778	9060758	9192178	9112571	0.77	cps
Indium	115-1	11182348	11409973	11149342	11247221	1.26	cps
Indium	115-2	3896355	3857197	3861054	3871535	0.56	cps
Iron	56-2	284856	282702	287875	285145	0.91	cps
Iron	57-2	7074	7524	7541	7380	3.59	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1645-02	Instrumnet Name :	P7
Client Sample ID :	LOQ-SOIL-02-QT1-2022	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:36:02	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	17879	17388	16827	17365	3.03	cps
Krypton	83-1	5538	5181	5394	5371	3.34	cps
Lead	206-1	8064	8586	8803	8484	4.48	cps
Lead	207-1	7108	6952	7135	7065	1.40	cps
Lead	208-1	32827	32999	33834	33220	1.62	cps
Lithium	6-1	3388313	3454290	3431394	3424666	0.98	cps
Magnesium	24-2	295996	288755	293480	292744	1.26	cps
Manganese	55-2	5111	4884	4941	4979	2.37	cps
Molybdenum	94-1	23511	25172	25339	24674	4.10	cps
Molybdenum	95-1	28812	29672	31426	29970	4.44	cps
Molybdenum	96-1	33807	34032	33531	33790	0.74	cps
Molybdenum	97-1	18504	19847	19155	19169	3.50	cps
Molybdenum	98-1	46148	49150	48715	48005	3.38	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	2507	2550	2780	2612	5.62	cps
Phosphorus	31-2	700	658	492	617	17.88	cps
Potassium	39-2	383464	377773	378603	379947	0.81	cps
Rhodium	103-1	10898164	11134004	11083598	11038589	1.13	cps
Rhodium	103-2	6779528	6785458	6756878	6773955	0.22	cps
Scandium	45-1	8344874	8420270	8409857	8391667	0.49	cps
Scandium	45-2	651468	651564	650461	651164	0.09	cps
Selenium	82-1	935	1308	1202	1149	16.73	cps
Selenium	77-2	123	103	157	128	21.09	cps
Selenium	78-2	680	613	732	675	8.81	cps
Silicon	28-1	838282	846574	850355	845070	0.73	cps
Silver	107-1	11205	13098	15175	13159	15.09	cps
Silver	109-1	10871	12756	13498	12375	10.94	cps
Sodium	23-2	515446	501788	511716	509650	1.39	cps
Strontium	86-1	12372	12597	12722	12564	1.41	cps
Strontium	88-1	34441	34666	35744	34951	1.99	cps
Sulfur	34-1	457334	457423	459391	458050	0.25	cps
Terbium	159-1	13263359	13413969	13551849	13409726	1.08	cps
Terbium	159-2	8948067	8990465	9138878	9025803	1.11	cps
Thallium	203-1	9962	10796	10346	10368	4.03	cps
Thallium	205-1	24122	25591	25591	25102	3.38	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1645-02	Instrumnet Name :	P7
Client Sample ID :	LOQ-SOIL-02-QT1-2022	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:36:02	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	28715	30146	29255	29372	2.46	cps
Tin	118-1	45305	47044	46936	46428	2.10	cps
Titanium	47-1	9870	9637	9912	9806	1.51	cps
Uranium	238-1	35708	36795	37563	36689	2.54	cps
Vanadium	51-2	24660	25108	25104	24957	1.03	cps
Yttrium	89-1	17963646	17764045	17807343	17845011	0.59	cps
Yttrium	89-2	4233303	4315270	4253518	4267364	1.00	cps
Zinc	66-2	2770	2874	3190	2945	7.43	cps
Zirconium	90-1	21141	21191	22201	21511	2.78	cps
Zirconium	91-1	4851	5051	4918	4940	2.06	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1645-16	Instrumnet Name :	P7
Client Sample ID :	LLOQ-SOIL-QT1-2022	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:38:54	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6168	6485	6346	6333	2.51	cps
Antimony	121-1	20624	21633	20740	20999	2.63	cps
Arsenic	75-2	702	761	696	720	4.99	cps
Barium	135-1	24747	24588	25699	25011	2.40	cps
Barium	137-1	42389	44035	43751	43392	2.03	cps
Beryllium	9-1	2657	2640	2654	2650	0.33	cps
Bismuth	209-1	8208294	8205505	8189605	8201135	0.12	cps
Bismuth	209-2	6851373	6804379	6697239	6784330	1.16	cps
Boron	10-1	15024	15542	15074	15213	1.88	cps
Boron	11-1	68928	70678	74237	71281	3.79	cps
Bromine	81-1	13623	13682	13423	13576	1.00	cps
Bromine	81-2	60	20	80	53	57.28	cps
Cadmium	111-1	7924	7551	7789	7755	2.44	cps
Cadmium	106-1	6985	6402	6902	6763	4.67	cps
Cadmium	108-1	267	329	288	294	10.81	cps
Calcium	43-1	20640	20598	21282	20840	1.84	cps
Calcium	44-1	342118	351955	353748	349274	1.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14190	13700	14273	14054	2.21	cps
Cobalt	59-2	9463	9483	9196	9381	1.71	cps
Copper	63-2	13953	13770	14627	14117	3.20	cps
Dysprosium	156-1	42	17	50	36	48.03	cps
Dysprosium	156-2	13	20	10	14	35.26	cps
Erbium	164-1	100	75	92	89	14.32	cps
Erbium	164-2	73	60	63	66	10.58	cps
Gadolinium	160-1	75	42	67	61	28.38	cps
Gadolinium	160-2	240	213	263	239	10.47	cps
Holmium	165-1	12854028	12719405	12767006	12780146	0.53	cps
Holmium	165-2	8851752	8826283	8906462	8861499	0.46	cps
Indium	115-1	11161030	11191084	11021763	11124626	0.81	cps
Indium	115-2	3885441	3914860	3872825	3891042	0.55	cps
Iron	56-2	292282	287367	287500	289050	0.97	cps
Iron	57-2	7307	7346	7513	7389	1.48	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1645-16	Instrumnet Name :	P7
Client Sample ID :	LLOQ-SOIL-QT1-2022	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:38:54	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	17077	17398	17217	17231	0.93	cps
Krypton	83-1	5438	5221	5528	5395	2.92	cps
Lead	206-1	8408	8481	8125	8338	2.26	cps
Lead	207-1	6935	7558	7141	7211	4.40	cps
Lead	208-1	32989	33611	33217	33272	0.95	cps
Lithium	6-1	3372317	3436033	3364699	3391017	1.16	cps
Magnesium	24-2	296000	296220	295072	295764	0.21	cps
Manganese	55-2	4727	4761	4671	4720	0.96	cps
Molybdenum	94-1	25907	25548	25606	25687	0.75	cps
Molybdenum	95-1	30900	29956	29806	30221	1.96	cps
Molybdenum	96-1	32996	34082	33130	33403	1.77	cps
Molybdenum	97-1	18112	18771	18946	18609	2.36	cps
Molybdenum	98-1	47854	47678	48849	48127	1.31	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	2557	2727	2684	2656	3.33	cps
Phosphorus	31-2	608	558	592	586	4.34	cps
Potassium	39-2	378772	378235	378397	378468	0.07	cps
Rhodium	103-1	10949694	10824668	10979626	10917996	0.75	cps
Rhodium	103-2	6757474	6789160	6909976	6818870	1.18	cps
Scandium	45-1	8353633	8357501	8441669	8384268	0.59	cps
Scandium	45-2	650210	657326	654688	654075	0.55	cps
Selenium	82-1	891	1295	1003	1063	19.64	cps
Selenium	77-2	133	83	103	107	23.60	cps
Selenium	78-2	646	648	680	658	2.85	cps
Silicon	28-1	849192	852923	852590	851568	0.24	cps
Silver	107-1	12247	13649	14758	13551	9.29	cps
Silver	109-1	11830	13573	13840	13081	8.35	cps
Sodium	23-2	516367	506138	504451	508985	1.27	cps
Strontium	86-1	12239	12122	12381	12247	1.06	cps
Strontium	88-1	35285	34207	35711	35068	2.21	cps
Sulfur	34-1	463277	461098	460504	461626	0.32	cps
Terbium	159-1	13358577	13204794	13359084	13307485	0.67	cps
Terbium	159-2	9014800	9104667	8984869	9034779	0.69	cps
Thallium	203-1	11213	10338	10404	10652	4.58	cps
Thallium	205-1	24289	26309	25508	25369	4.01	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1645-16	Instrumnet Name :	P7
Client Sample ID :	LLOQ-SOIL-QT1-2022	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:38:54	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	29790	29923	29923	29879	0.26	cps
Tin	118-1	46074	46484	45539	46033	1.03	cps
Titanium	47-1	9437	10037	9520	9664	3.37	cps
Uranium	238-1	37446	37797	37455	37566	0.53	cps
Vanadium	51-2	24413	24847	25101	24787	1.40	cps
Yttrium	89-1	17828177	17311256	17735271	17624902	1.56	cps
Yttrium	89-2	4254496	4260707	4283269	4266157	0.35	cps
Zinc	66-2	2864	2767	2920	2850	2.72	cps
Zirconium	90-1	21458	21216	22827	21833	3.98	cps
Zirconium	91-1	4784	4768	4859	4804	1.02	cps

LB Number : LB121155 Operator : Jaswal
 Lab Sample ID : N1645-07 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired : 2022-05-06 13:41:49 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1945	1995	1678	1872	9.09	cps
Antimony	121-1	2725	2734	2817	2759	1.84	cps
Arsenic	75-2	193	180	181	185	3.80	cps
Barium	135-1	2900	3459	3184	3181	8.78	cps
Barium	137-1	5093	5560	5410	5354	4.45	cps
Beryllium	9-1	693	693	713	700	1.65	cps
Bismuth	209-1	8220657	8182946	8257931	8220511	0.46	cps
Bismuth	209-2	6807917	6901925	6809624	6839822	0.79	cps
Boron	10-1	2092	2700	2609	2467	13.30	cps
Boron	11-1	11688	12222	11863	11924	2.28	cps
Bromine	81-1	13657	12431	13031	13039	4.70	cps
Bromine	81-2	90	120	70	93	26.96	cps
Cadmium	111-1	5443	4774	4896	5038	7.07	cps
Cadmium	106-1	6668	5860	5985	6171	7.06	cps
Cadmium	108-1	125	158	104	129	21.15	cps
Calcium	43-1	1383	1417	1258	1353	6.17	cps
Calcium	44-1	36804	39293	38475	38191	3.32	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3891	3991	3697	3859	3.86	cps
Cobalt	59-2	2297	2420	2540	2419	5.03	cps
Copper	63-2	4131	4004	4287	4141	3.43	cps
Dysprosium	156-1	42	17	17	25	57.73	cps
Dysprosium	156-2	10	13	3	9	57.30	cps
Erbium	164-1	50	67	75	64	19.92	cps
Erbium	164-2	70	40	33	48	40.88	cps
Gadolinium	160-1	50	83	75	69	24.98	cps
Gadolinium	160-2	190	197	233	207	11.29	cps
Holmium	165-1	12684253	12664714	12734217	12694395	0.28	cps
Holmium	165-2	9036148	9084187	8786003	8968779	1.79	cps
Indium	115-1	11057110	10957424	11085125	11033220	0.61	cps
Indium	115-2	3797586	3830000	3764927	3797504	0.86	cps
Iron	56-2	86330	85849	88029	86736	1.32	cps
Iron	57-2	1945	2006	2167	2039	5.63	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1645-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:41:49	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	5827	5987	6318	6044	4.14	cps
Krypton	83-1	5141	5214	5644	5333	5.10	cps
Lead	206-1	2628	2611	2372	2537	5.64	cps
Lead	207-1	2289	2078	1939	2102	8.39	cps
Lead	208-1	10374	10218	9868	10154	2.55	cps
Lithium	6-1	3441176	3387649	3396349	3408391	0.84	cps
Magnesium	24-2	15792	15552	15742	15695	0.80	cps
Manganese	55-2	2614	2547	2670	2610	2.37	cps
Molybdenum	94-1	6785	6843	6793	6807	0.46	cps
Molybdenum	95-1	7811	7611	7977	7800	2.35	cps
Molybdenum	96-1	9036	8828	8986	8950	1.22	cps
Molybdenum	97-1	5159	4876	4934	4990	3.00	cps
Molybdenum	98-1	12547	12839	11972	12453	3.54	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	13	6	124.93	cps
Nickel	60-2	820	873	797	830	4.74	cps
Phosphorus	31-2	450	367	358	392	12.94	cps
Potassium	39-2	75252	76694	75973	75973	0.95	cps
Rhodium	103-1	10777876	10829598	10825932	10811135	0.27	cps
Rhodium	103-2	6707646	6647222	6618027	6657632	0.69	cps
Scandium	45-1	8349457	8226344	8195415	8257072	0.99	cps
Scandium	45-2	646381	639991	644270	643547	0.51	cps
Selenium	82-1	713	766	421	633	29.34	cps
Selenium	77-2	60	60	70	63	9.12	cps
Selenium	78-2	470	472	506	483	4.10	cps
Silicon	28-1	771749	776007	771665	773141	0.32	cps
Silver	107-1	3259	3467	3651	3459	5.67	cps
Silver	109-1	3334	3109	3350	3264	4.14	cps
Sodium	23-2	54597	54770	54357	54575	0.38	cps
Strontium	86-1	9053	9620	9945	9539	4.73	cps
Strontium	88-1	8811	8728	9011	8850	1.65	cps
Sulfur	34-1	463554	458837	464166	462185	0.63	cps
Terbium	159-1	13063028	13125048	13224003	13137359	0.62	cps
Terbium	159-2	9161955	9065329	9051565	9092950	0.66	cps
Thallium	203-1	3417	3534	3409	3453	2.02	cps
Thallium	205-1	7536	7869	7694	7700	2.17	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1645-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:41:49	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	7914	7647	7541	7701	2.49	cps
Tin	118-1	2992	3317	2717	3009	9.98	cps
Titanium	47-1	2267	2775	2492	2511	10.14	cps
Uranium	238-1	7236	6644	6835	6905	4.37	cps
Vanadium	51-2	1313	1107	1347	1256	10.36	cps
Yttrium	89-1	17527095	17476950	17480602	17494882	0.16	cps
Yttrium	89-2	4230336	4168063	4177697	4192032	0.80	cps
Zinc	66-2	1133	1100	1020	1084	5.37	cps
Zirconium	90-1	6368	6193	6268	6277	1.40	cps
Zirconium	91-1	1375	1317	1358	1350	2.23	cps

LB Number : LB121155 Operator : Jaswal
 Lab Sample ID : N1645-10 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
 Date & Time Acquired : 2022-05-06 13:50:45 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1789	1806	1939	1845	4.46	cps
Antimony	121-1	2584	2467	2809	2620	6.63	cps
Arsenic	75-2	200	198	204	201	1.41	cps
Barium	135-1	3292	3217	3150	3220	2.20	cps
Barium	137-1	5860	5435	5343	5546	4.97	cps
Beryllium	9-1	760	637	667	688	9.35	cps
Bismuth	209-1	8244237	8232270	8197951	8224819	0.29	cps
Bismuth	209-2	6889646	6825732	6824130	6846503	0.55	cps
Boron	10-1	1767	1817	1842	1808	2.11	cps
Boron	11-1	8936	9520	9361	9272	3.26	cps
Bromine	81-1	13990	13456	13273	13573	2.75	cps
Bromine	81-2	50	40	40	43	13.32	cps
Cadmium	111-1	5357	5194	5269	5274	1.55	cps
Cadmium	106-1	6502	6460	6585	6516	0.98	cps
Cadmium	108-1	104	88	129	107	19.61	cps
Calcium	43-1	1325	1342	1092	1253	11.16	cps
Calcium	44-1	37055	38165	37472	37564	1.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3744	4324	4027	4032	7.20	cps
Cobalt	59-2	2504	2624	2480	2536	3.03	cps
Copper	63-2	4207	4507	4354	4356	3.44	cps
Dysprosium	156-1	25	0	17	14	91.65	cps
Dysprosium	156-2	3	20	7	10	88.20	cps
Erbium	164-1	125	142	83	117	25.75	cps
Erbium	164-2	63	37	47	49	27.55	cps
Gadolinium	160-1	117	83	108	103	16.88	cps
Gadolinium	160-2	200	170	220	197	12.80	cps
Holmium	165-1	12773964	13062616	12972771	12936450	1.14	cps
Holmium	165-2	8971696	9191244	9011480	9058140	1.29	cps
Indium	115-1	11486723	11411221	11475962	11457969	0.36	cps
Indium	115-2	3889274	3927213	3896865	3904451	0.51	cps
Iron	56-2	85134	88213	87945	87097	1.96	cps
Iron	57-2	2122	2295	2367	2261	5.55	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1645-10	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:50:45	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	5517	5917	5957	5797	4.20	cps
Krypton	83-1	5554	5334	5484	5458	2.06	cps
Lead	206-1	2761	2434	2673	2623	6.47	cps
Lead	207-1	2250	2372	2134	2252	5.31	cps
Lead	208-1	10502	10596	10680	10593	0.84	cps
Lithium	6-1	3559202	3481450	3541995	3527549	1.16	cps
Magnesium	24-2	15647	16136	16442	16075	2.50	cps
Manganese	55-2	2534	2594	2524	2550	1.48	cps
Molybdenum	94-1	6927	7044	6885	6952	1.18	cps
Molybdenum	95-1	7594	8127	8027	7916	3.58	cps
Molybdenum	96-1	8828	9312	9854	9331	5.50	cps
Molybdenum	97-1	4901	5168	4559	4876	6.26	cps
Molybdenum	98-1	12239	13307	13039	12862	4.32	cps
Neodymium	150-1	0	20	0	7	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	770	900	950	873	10.64	cps
Phosphorus	31-2	442	400	458	433	6.93	cps
Potassium	39-2	77330	75847	76710	76629	0.97	cps
Rhodium	103-1	11018067	11254345	11402969	11225127	1.73	cps
Rhodium	103-2	6761948	7036457	6906291	6901565	1.99	cps
Scandium	45-1	8617587	8614308	8630059	8620651	0.10	cps
Scandium	45-2	652080	656338	665618	658012	1.05	cps
Selenium	82-1	464	568	575	536	11.59	cps
Selenium	77-2	53	43	53	50	11.55	cps
Selenium	78-2	504	494	565	521	7.34	cps
Silicon	28-1	801186	801838	796848	799957	0.34	cps
Silver	107-1	2509	2867	3534	2970	17.52	cps
Silver	109-1	2350	2950	2884	2728	12.06	cps
Sodium	23-2	52278	53582	52846	52902	1.24	cps
Strontium	86-1	9687	9236	9478	9467	2.38	cps
Strontium	88-1	9620	9962	9653	9745	1.93	cps
Sulfur	34-1	471175	469666	479214	473351	1.08	cps
Terbium	159-1	13223814	13446866	13522632	13397771	1.16	cps
Terbium	159-2	8936876	9062963	9070568	9023469	0.83	cps
Thallium	203-1	3209	3551	3476	3412	5.27	cps
Thallium	205-1	8169	8444	8503	8372	2.13	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1645-10	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:50:45	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	7358	7647	7436	7480	2.00	cps
Tin	118-1	3284	3367	3184	3278	2.80	cps
Titanium	47-1	2975	2567	2800	2781	7.37	cps
Uranium	238-1	7127	6585	6994	6902	4.09	cps
Vanadium	51-2	1190	1407	1390	1329	9.07	cps
Yttrium	89-1	18154379	18156695	18216702	18175925	0.19	cps
Yttrium	89-2	4313395	4382352	4383689	4359812	0.92	cps
Zinc	66-2	990	1220	1017	1076	11.70	cps
Zirconium	90-1	6543	6360	6018	6307	4.23	cps
Zirconium	91-1	1358	1350	1483	1397	5.35	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1645-08	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-02-QT1-20	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:56:52	DataFile Name :	029LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6657	6396	6829	6627	3.29	cps
Antimony	121-1	21333	21400	21049	21261	0.88	cps
Arsenic	75-2	782	793	796	790	0.98	cps
Barium	135-1	23896	25022	24363	24427	2.32	cps
Barium	137-1	42130	43785	42865	42927	1.93	cps
Beryllium	9-1	2760	2820	2630	2737	3.55	cps
Bismuth	209-1	8267234	8139844	8118449	8175176	0.98	cps
Bismuth	209-2	6844088	6884381	6968586	6899018	0.92	cps
Boron	10-1	13731	13865	15767	14454	7.88	cps
Boron	11-1	66109	69850	71163	69041	3.80	cps
Bromine	81-1	14057	13790	13481	13776	2.09	cps
Bromine	81-2	120	70	60	83	38.57	cps
Cadmium	111-1	7519	7623	7863	7668	2.30	cps
Cadmium	106-1	6527	6869	7027	6807	3.76	cps
Cadmium	108-1	321	367	271	319	15.01	cps
Calcium	43-1	21240	21716	22442	21799	2.78	cps
Calcium	44-1	353611	357496	362328	357812	1.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14340	14414	14457	14404	0.41	cps
Cobalt	59-2	9667	9610	9523	9600	0.75	cps
Copper	63-2	14704	14581	14841	14708	0.89	cps
Dysprosium	156-1	17	33	17	22	43.28	cps
Dysprosium	156-2	23	20	0	14	87.37	cps
Erbium	164-1	108	92	42	81	43.07	cps
Erbium	164-2	57	33	57	49	27.56	cps
Gadolinium	160-1	92	117	75	94	22.21	cps
Gadolinium	160-2	193	280	213	229	19.83	cps
Holmium	165-1	13091344	12883709	13000261	12991771	0.80	cps
Holmium	165-2	9136229	9139565	9216655	9164150	0.50	cps
Indium	115-1	11385470	11358524	11469490	11404495	0.51	cps
Indium	115-2	3981613	4039170	3983040	4001274	0.82	cps
Iron	56-2	298123	296202	298283	297536	0.39	cps
Iron	57-2	7569	7797	7235	7533	3.75	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1645-08	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-02-QT1-20	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:56:52	DataFile Name :	029LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	17518	16917	17659	17365	2.27	cps
Krypton	83-1	5351	5701	5478	5510	3.22	cps
Lead	206-1	8519	8225	8375	8373	1.76	cps
Lead	207-1	6919	7208	6663	6930	3.93	cps
Lead	208-1	33033	32671	32182	32629	1.31	cps
Lithium	6-1	3479189	3523877	3558859	3520642	1.13	cps
Magnesium	24-2	300241	300790	295756	298929	0.92	cps
Manganese	55-2	5158	5008	4771	4979	3.92	cps
Molybdenum	94-1	25932	27092	24880	25968	4.26	cps
Molybdenum	95-1	30099	30867	29906	30290	1.68	cps
Molybdenum	96-1	33764	35861	35193	34940	3.07	cps
Molybdenum	97-1	19380	19054	18904	19113	1.27	cps
Molybdenum	98-1	49259	48899	49318	49159	0.46	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	10	0	3	173.21	cps
Nickel	60-2	2730	2840	2650	2740	3.48	cps
Phosphorus	31-2	558	717	608	628	12.89	cps
Potassium	39-2	385416	392542	386642	388200	0.98	cps
Rhodium	103-1	11538574	11394477	11240274	11391109	1.31	cps
Rhodium	103-2	7043932	7056739	6983138	7027936	0.56	cps
Scandium	45-1	8753382	8584682	8784157	8707407	1.23	cps
Scandium	45-2	674431	677360	672185	674659	0.38	cps
Selenium	82-1	1192	1172	1266	1210	4.07	cps
Selenium	77-2	127	100	110	112	12.01	cps
Selenium	78-2	709	783	676	723	7.61	cps
Silicon	28-1	907769	904960	909156	907295	0.24	cps
Silver	107-1	12130	13724	14207	13354	8.14	cps
Silver	109-1	11121	13073	12973	12389	8.87	cps
Sodium	23-2	519517	521968	518675	520054	0.33	cps
Strontium	86-1	12789	13039	12522	12784	2.02	cps
Strontium	88-1	35986	35752	36011	35917	0.40	cps
Sulfur	34-1	481438	482323	484249	482670	0.30	cps
Terbium	159-1	13382086	13567847	13463071	13471001	0.69	cps
Terbium	159-2	9250752	9265360	9271369	9262494	0.11	cps
Thallium	203-1	10413	10296	10496	10401	0.97	cps
Thallium	205-1	23538	23855	24222	23871	1.43	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1645-08	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-02-QT1-20	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:56:52	DataFile Name :	029LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	28703	28475	28860	28679	0.67	cps
Tin	118-1	45430	47496	48106	47011	2.98	cps
Titanium	47-1	9720	10079	9970	9923	1.85	cps
Uranium	238-1	31790	32575	33202	32522	2.18	cps
Vanadium	51-2	25722	25869	25612	25734	0.50	cps
Yttrium	89-1	18216409	18281437	18317286	18271711	0.28	cps
Yttrium	89-2	4429139	4446876	4438203	4438073	0.20	cps
Zinc	66-2	3024	2840	2964	2943	3.18	cps
Zirconium	90-1	21942	22493	22668	22368	1.69	cps
Zirconium	91-1	4626	5001	5018	4881	4.54	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1645-17	Instrumnet Name :	P7
Client Sample ID :	LLOQ-WATER-QT1-2022	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:59:47	DataFile Name :	030LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7569	7207	7363	7380	2.46	cps
Antimony	121-1	21049	21400	22318	21589	3.03	cps
Arsenic	75-2	743	741	754	746	0.94	cps
Barium	135-1	25173	25682	24914	25256	1.55	cps
Barium	137-1	43844	44169	42322	43445	2.27	cps
Beryllium	9-1	2547	2624	2780	2650	4.49	cps
Bismuth	209-1	8362407	8239554	8228419	8276793	0.90	cps
Bismuth	209-2	6838906	6870624	6935349	6881626	0.71	cps
Boron	10-1	13756	14148	14949	14285	4.26	cps
Boron	11-1	64577	72076	73625	70093	6.90	cps
Bromine	81-1	14491	14115	14157	14254	1.44	cps
Bromine	81-2	70	110	100	93	22.30	cps
Cadmium	111-1	7691	7559	7811	7687	1.64	cps
Cadmium	106-1	6752	6468	6910	6710	3.34	cps
Cadmium	108-1	325	313	288	308	6.19	cps
Calcium	43-1	22017	20848	22158	21674	3.32	cps
Calcium	44-1	356132	361748	360963	359614	0.85	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14337	14444	14330	14370	0.44	cps
Cobalt	59-2	9827	9590	9737	9718	1.23	cps
Copper	63-2	14304	14781	14561	14548	1.64	cps
Dysprosium	156-1	17	42	8	22	78.07	cps
Dysprosium	156-2	27	7	10	14	74.18	cps
Erbium	164-1	58	67	50	58	14.29	cps
Erbium	164-2	93	37	67	66	43.24	cps
Gadolinium	160-1	83	83	100	89	10.82	cps
Gadolinium	160-2	173	190	203	189	7.96	cps
Holmium	165-1	12966214	12895795	12782504	12881504	0.72	cps
Holmium	165-2	9093242	9035748	9114325	9081105	0.45	cps
Indium	115-1	11258899	11488298	11157848	11301682	1.50	cps
Indium	115-2	4012297	3940418	3959570	3970762	0.94	cps
Iron	56-2	292030	295800	296387	294739	0.80	cps
Iron	57-2	7908	7747	7352	7669	3.73	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1645-17	Instrumnet Name :	P7
Client Sample ID :	LLOQ-WATER-QT1-2022	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:59:47	DataFile Name :	030LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	17127	17859	17558	17515	2.10	cps
Krypton	83-1	5614	5614	5458	5562	1.63	cps
Lead	206-1	8041	8436	8392	8290	2.61	cps
Lead	207-1	6946	7030	7274	7083	2.41	cps
Lead	208-1	32872	33389	33678	33313	1.23	cps
Lithium	6-1	3475782	3484761	3500457	3487000	0.36	cps
Magnesium	24-2	299821	299655	299706	299727	0.03	cps
Manganese	55-2	5154	5018	4871	5014	2.83	cps
Molybdenum	94-1	25531	26015	26508	26018	1.88	cps
Molybdenum	95-1	30800	30858	30766	30808	0.15	cps
Molybdenum	96-1	34291	35335	34299	34642	1.73	cps
Molybdenum	97-1	18737	18929	18604	18757	0.87	cps
Molybdenum	98-1	48565	48113	48215	48298	0.49	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	2777	2794	2680	2750	2.23	cps
Phosphorus	31-2	675	583	717	658	10.36	cps
Potassium	39-2	389073	390425	393466	390988	0.58	cps
Rhodium	103-1	11305840	11146479	11119951	11190757	0.90	cps
Rhodium	103-2	7113673	6954469	6978383	7015509	1.22	cps
Scandium	45-1	8734856	8727947	8563381	8675395	1.12	cps
Scandium	45-2	677524	674602	676772	676299	0.22	cps
Selenium	82-1	1096	1025	1390	1170	16.51	cps
Selenium	77-2	113	90	80	94	18.11	cps
Selenium	78-2	672	715	713	700	3.44	cps
Silicon	28-1	899599	903469	911718	904929	0.68	cps
Silver	107-1	11839	14241	14549	13543	10.96	cps
Silver	109-1	11822	13023	13874	12906	7.99	cps
Sodium	23-2	513409	511335	510650	511798	0.28	cps
Strontium	86-1	12647	12581	13515	12914	4.04	cps
Strontium	88-1	36604	36036	36254	36298	0.79	cps
Sulfur	34-1	485606	489649	493515	489590	0.81	cps
Terbium	159-1	13448932	13280859	13334374	13354722	0.64	cps
Terbium	159-2	9036150	9196580	9248574	9160435	1.21	cps
Thallium	203-1	9829	10254	9870	9984	2.35	cps
Thallium	205-1	23796	24147	23546	23830	1.27	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1645-17	Instrumnet Name :	P7
Client Sample ID :	LLOQ-WATER-QT1-2022	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 13:59:47	DataFile Name :	030LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	28587	28515	29655	28919	2.21	cps
Tin	118-1	44971	48190	47905	47022	3.79	cps
Titanium	47-1	9587	10737	10145	10156	5.67	cps
Uranium	238-1	35165	35775	34655	35199	1.59	cps
Vanadium	51-2	25518	25525	25532	25525	0.03	cps
Yttrium	89-1	18453033	18119868	18137931	18236944	1.03	cps
Yttrium	89-2	4384032	4418201	4394497	4398910	0.40	cps
Zinc	66-2	2914	3207	2944	3021	5.34	cps
Zirconium	90-1	22084	22868	23453	22802	3.01	cps
Zirconium	91-1	5059	5059	5068	5062	0.10	cps

LB Number : LB121155 Operator : Jaswal
 Lab Sample ID : N1645-11 Instrumnet Name : P7
 Client Sample ID : LOQ-WATER-05-QT1-20 Dilution Factor : 1
 Date & Time Acquired : 2022-05-06 14:08:30 DataFile Name : 033LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6396	6563	6096	6351	3.73	cps
Antimony	121-1	20282	21350	21316	20983	2.89	cps
Arsenic	75-2	735	750	678	721	5.29	cps
Barium	135-1	24196	26425	25114	25245	4.44	cps
Barium	137-1	42924	42798	43358	43027	0.68	cps
Beryllium	9-1	2650	2767	2687	2701	2.21	cps
Bismuth	209-1	8054639	8155265	8208253	8139386	0.96	cps
Bismuth	209-2	6897617	6984112	6855410	6912380	0.95	cps
Boron	10-1	14499	15416	15391	15102	3.46	cps
Boron	11-1	69130	70636	75475	71747	4.62	cps
Bromine	81-1	13690	14074	13281	13682	2.90	cps
Bromine	81-2	70	90	70	77	15.06	cps
Cadmium	111-1	7537	7756	8002	7765	3.00	cps
Cadmium	106-1	6393	6977	6935	6768	4.81	cps
Cadmium	108-1	258	308	308	292	9.90	cps
Calcium	43-1	22091	21374	21516	21660	1.75	cps
Calcium	44-1	352988	358452	354783	355408	0.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14414	14240	14324	14326	0.61	cps
Cobalt	59-2	9833	9903	9717	9818	0.96	cps
Copper	63-2	14200	14731	14767	14566	2.18	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	17	10	3	10	66.70	cps
Erbium	164-1	142	100	50	97	47.21	cps
Erbium	164-2	53	57	50	53	6.25	cps
Gadolinium	160-1	100	133	108	114	15.23	cps
Gadolinium	160-2	267	190	203	220	18.62	cps
Holmium	165-1	12316985	12976851	12707701	12667179	2.62	cps
Holmium	165-2	9149935	9077000	8995353	9074096	0.85	cps
Indium	115-1	10928225	11416547	11242137	11195637	2.21	cps
Indium	115-2	3887862	3930179	3960725	3926255	0.93	cps
Iron	56-2	292084	294009	291364	292486	0.47	cps
Iron	57-2	7352	7713	7508	7524	2.41	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1645-11	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-05-QT1-20	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 14:08:30	DataFile Name :	033LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	16787	17448	17799	17344	2.96	cps
Krypton	83-1	5548	5651	5928	5709	3.44	cps
Lead	206-1	8253	8514	8191	8319	2.06	cps
Lead	207-1	6924	6985	7102	7004	1.29	cps
Lead	208-1	32861	32977	32772	32870	0.31	cps
Lithium	6-1	3449758	3407791	3452211	3436587	0.73	cps
Magnesium	24-2	299630	295764	296809	297401	0.67	cps
Manganese	55-2	4844	4814	4831	4830	0.31	cps
Molybdenum	94-1	24579	26608	25865	25684	4.00	cps
Molybdenum	95-1	30491	29597	30508	30199	1.72	cps
Molybdenum	96-1	34516	34692	34424	34544	0.39	cps
Molybdenum	97-1	19030	19430	19580	19347	1.47	cps
Molybdenum	98-1	48356	48916	48740	48671	0.59	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	2754	2704	2600	2686	2.91	cps
Phosphorus	31-2	617	700	767	694	10.82	cps
Potassium	39-2	387211	394136	386352	389233	1.10	cps
Rhodium	103-1	10869864	11094879	11218887	11061210	1.60	cps
Rhodium	103-2	6809214	6903431	6956470	6889705	1.08	cps
Scandium	45-1	8378998	8525613	8561097	8488569	1.14	cps
Scandium	45-2	673599	668325	668897	670274	0.43	cps
Selenium	82-1	1012	806	667	828	20.92	cps
Selenium	77-2	97	93	100	97	3.45	cps
Selenium	78-2	644	648	611	635	3.21	cps
Silicon	28-1	898334	894590	896850	896591	0.21	cps
Silver	107-1	13073	15133	14449	14218	7.38	cps
Silver	109-1	11930	13315	14149	13131	8.53	cps
Sodium	23-2	515723	513426	513118	514089	0.28	cps
Strontium	86-1	12614	12898	12781	12764	1.12	cps
Strontium	88-1	35126	35945	36655	35908	2.13	cps
Sulfur	34-1	486019	485428	480915	484121	0.58	cps
Terbium	159-1	13185078	13148425	13322431	13218645	0.69	cps
Terbium	159-2	9234322	9218268	9176357	9209649	0.32	cps
Thallium	203-1	9812	10438	10329	10193	3.28	cps
Thallium	205-1	23621	23655	23972	23749	0.81	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1645-11	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-05-QT1-20	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 14:08:30	DataFile Name :	033LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	28887	28498	29199	28862	1.22	cps
Tin	118-1	46969	46333	48023	47108	1.81	cps
Titanium	47-1	9737	10112	9470	9773	3.30	cps
Uranium	238-1	32575	31255	32842	32224	2.64	cps
Vanadium	51-2	25765	25832	25956	25851	0.37	cps
Yttrium	89-1	17471962	17820254	18202633	17831616	2.05	cps
Yttrium	89-2	4305048	4413196	4375832	4364692	1.26	cps
Zinc	66-2	2804	2894	2987	2895	3.17	cps
Zirconium	90-1	23511	22134	22743	22796	3.03	cps
Zirconium	91-1	4951	5093	5134	5059	1.90	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	CCV59	Instrumnet Name :	P7
Client Sample ID :	CCV59	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 14:14:20	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14446896	14516403	14442274	14468525	0.29	cps
Antimony	121-1	5394648	5364509	5427281	5395479	0.58	cps
Arsenic	75-2	300031	301966	297019	299672	0.83	cps
Barium	135-1	6141548	6232132	6259006	6210896	0.99	cps
Barium	137-1	10703066	10760353	10719343	10727587	0.28	cps
Beryllium	9-1	1232181	1214674	1219460	1222105	0.74	cps
Bismuth	209-1	7461081	7433006	7372131	7422072	0.61	cps
Bismuth	209-2	6067218	6003804	6004408	6025143	0.60	cps
Boron	10-1	289204	298361	305788	297784	2.79	cps
Boron	11-1	1387698	1457758	1448573	1431343	2.66	cps
Bromine	81-1	11897	12264	11438	11866	3.49	cps
Bromine	81-2	30	100	100	77	52.71	cps
Cadmium	111-1	1407639	1405768	1399343	1404250	0.31	cps
Cadmium	106-1	160136	160834	160112	160361	0.26	cps
Cadmium	108-1	112335	112977	112486	112600	0.30	cps
Calcium	43-1	9334896	9296143	9288720	9306586	0.27	cps
Calcium	44-1	148190962	146869895	147486549	147515802	0.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2769903	2796951	2739888	2768914	1.03	cps
Cobalt	59-2	4187196	4170197	4107516	4154970	1.01	cps
Copper	63-2	30484545	30521548	30339560	30448551	0.32	cps
Dysprosium	156-1	850	808	783	814	4.14	cps
Dysprosium	156-2	577	623	567	589	5.14	cps
Erbium	164-1	225	192	283	233	19.88	cps
Erbium	164-2	137	133	100	123	16.44	cps
Gadolinium	160-1	575	583	608	589	2.94	cps
Gadolinium	160-2	590	603	650	614	5.13	cps
Holmium	165-1	12650645	12366492	12466401	12494513	1.15	cps
Holmium	165-2	8643183	8796373	8707921	8715826	0.88	cps
Indium	115-1	10039061	9957413	9853377	9949950	0.94	cps
Indium	115-2	3445640	3527385	3433035	3468687	1.48	cps
Iron	56-2	614316836	609408614	602543325	608756258	0.97	cps
Iron	57-2	15202159	15386864	15071262	15220095	1.04	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	CCV59	Instrumnet Name :	P7
Client Sample ID :	CCV59	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 14:14:20	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	33978669	34239877	33293611	33837386	1.44	cps
Krypton	83-1	4944	4617	4891	4818	3.64	cps
Lead	206-1	19821341	20242370	20235302	20099671	1.20	cps
Lead	207-1	17127226	17619045	17469755	17405342	1.45	cps
Lead	208-1	79145972	81276755	80861753	80428160	1.40	cps
Lithium	6-1	3298273	3217918	3226671	3247620	1.36	cps
Magnesium	24-2	139470989	141435253	137045284	139317175	1.58	cps
Manganese	55-2	20174331	20272100	19895791	20114074	0.97	cps
Molybdenum	94-1	20138485	20077635	20317178	20177766	0.62	cps
Molybdenum	95-1	28650701	28602436	28386687	28546608	0.49	cps
Molybdenum	96-1	31482021	31868082	31475893	31608665	0.71	cps
Molybdenum	97-1	17747663	17912029	17601192	17753628	0.88	cps
Molybdenum	98-1	45885755	46136655	45009889	45677433	1.30	cps
Neodymium	150-1	427	460	493	460	7.25	cps
Neodymium	150-2	153	90	107	117	28.14	cps
Nickel	60-2	1066788	1081497	1058925	1069070	1.07	cps
Phosphorus	31-2	147666	149188	148331	148395	0.51	cps
Potassium	39-2	69996070	70450595	69038691	69828452	1.03	cps
Rhodium	103-1	9658417	9417279	9227986	9434560	2.29	cps
Rhodium	103-2	5820431	5910454	5703353	5811413	1.79	cps
Scandium	45-1	7929528	7893147	7808334	7877003	0.79	cps
Scandium	45-2	606021	613616	603033	607557	0.90	cps
Selenium	82-1	107565	107338	106893	107265	0.32	cps
Selenium	77-2	10053	10157	9683	9965	2.50	cps
Selenium	78-2	33074	33274	32786	33045	0.74	cps
Silicon	28-1	38510935	38440571	38205570	38385692	0.42	cps
Silver	107-1	7045392	7143815	7149186	7112798	0.82	cps
Silver	109-1	6828640	6749889	6722152	6766893	0.82	cps
Sodium	23-2	232783839	228547816	227866555	229732737	1.16	cps
Strontium	86-1	1926512	1947027	1932221	1935253	0.55	cps
Strontium	88-1	16682920	16791974	16786572	16753822	0.37	cps
Sulfur	34-1	1258810	1244339	1236012	1246387	0.93	cps
Terbium	159-1	12922538	12745865	12505088	12724497	1.65	cps
Terbium	159-2	8787035	8897012	8610531	8764859	1.65	cps
Thallium	203-1	4879883	4966014	4962610	4936169	0.99	cps
Thallium	205-1	11475399	11611524	11712999	11599974	1.03	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	CCV59	Instrumnet Name :	P7
Client Sample ID :	CCV59	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 14:14:20	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	17169959	17702695	17855598	17576084	2.05	cps
Tin	118-1	4350043	4416599	4365112	4377251	0.80	cps
Titanium	47-1	8840623	8851604	8744289	8812172	0.67	cps
Uranium	238-1	16023710	16071009	16327969	16140896	1.01	cps
Vanadium	51-2	2425785	2401785	2356642	2394738	1.47	cps
Yttrium	89-1	16537319	16357590	16282111	16392340	0.80	cps
Yttrium	89-2	3973580	3997903	3920778	3964087	0.99	cps
Zinc	66-2	5115042	5090801	5005676	5070506	1.13	cps
Zirconium	90-1	10429658	10375243	10371793	10392231	0.31	cps
Zirconium	91-1	2326722	2330409	2289321	2315484	0.98	cps

LB Number : LB121155 Operator : Jaswal
 Lab Sample ID : CCB59 Instrumnet Name : P7
 Client Sample ID : CCB59 Dilution Factor : 1
 Date & Time Acquired : 2022-05-06 14:22:38 DataFile Name : 036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	511	422	356	430	18.16	cps
Antimony	121-1	925	875	783	861	8.34	cps
Arsenic	75-2	26	31	24	27	14.19	cps
Barium	135-1	108	75	100	94	18.37	cps
Barium	137-1	175	183	142	167	13.23	cps
Beryllium	9-1	97	63	87	82	20.81	cps
Bismuth	209-1	8313791	8309149	8395623	8339521	0.58	cps
Bismuth	209-2	6757011	6837678	6796075	6796922	0.59	cps
Boron	10-1	2134	1842	2009	1995	7.34	cps
Boron	11-1	9628	9161	8811	9200	4.46	cps
Bromine	81-1	12647	12439	12547	12545	0.83	cps
Bromine	81-2	50	70	60	60	16.67	cps
Cadmium	111-1	4284	4402	4276	4321	1.63	cps
Cadmium	106-1	6076	6285	6076	6146	1.96	cps
Cadmium	108-1	46	38	21	35	36.66	cps
Calcium	43-1	225	450	333	336	33.48	cps
Calcium	44-1	22576	24178	24003	23586	3.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2324	2297	2320	2314	0.63	cps
Cobalt	59-2	230	163	200	198	16.88	cps
Copper	63-2	1317	1110	1183	1203	8.71	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	7	7	20	11	69.25	cps
Erbium	164-1	108	108	83	100	14.43	cps
Erbium	164-2	47	50	57	51	9.96	cps
Gadolinium	160-1	83	92	42	72	37.09	cps
Gadolinium	160-2	150	170	217	179	19.12	cps
Holmium	165-1	12630686	12713439	12861291	12735139	0.92	cps
Holmium	165-2	8948763	9000348	8885912	8945008	0.64	cps
Indium	115-1	10971906	10948757	10916603	10945755	0.25	cps
Indium	115-2	3745895	3814559	3847581	3802678	1.36	cps
Iron	56-2	22962	22723	22289	22658	1.51	cps
Iron	57-2	611	706	717	678	8.56	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	CCB59	Instrumnet Name :	P7
Client Sample ID :	CCB59	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 14:22:38	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2042	2112	1882	2012	5.87	cps
Krypton	83-1	5101	4931	4934	4989	1.95	cps
Lead	206-1	1050	1167	989	1069	8.45	cps
Lead	207-1	911	778	933	874	9.63	cps
Lead	208-1	3989	4223	3906	4039	4.06	cps
Lithium	6-1	3508492	3433644	3403281	3448472	1.57	cps
Magnesium	24-2	2211	1839	1800	1950	11.64	cps
Manganese	55-2	427	493	460	460	7.25	cps
Molybdenum	94-1	808	700	625	711	12.96	cps
Molybdenum	95-1	658	392	408	486	30.73	cps
Molybdenum	96-1	708	625	633	656	7.00	cps
Molybdenum	97-1	500	267	383	383	30.43	cps
Molybdenum	98-1	1042	900	850	931	10.68	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	227	277	217	240	13.39	cps
Phosphorus	31-2	242	400	275	306	27.32	cps
Potassium	39-2	66420	67776	69082	67759	1.96	cps
Rhodium	103-1	10704345	10634902	10756436	10698561	0.57	cps
Rhodium	103-2	6660398	6665380	6727122	6684300	0.56	cps
Scandium	45-1	8289898	8061778	8179439	8177038	1.40	cps
Scandium	45-2	632711	632141	638117	634323	0.52	cps
Selenium	82-1	54	192	109	118	58.69	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	343	281	289	304	10.96	cps
Silicon	28-1	795041	794060	802380	797160	0.57	cps
Silver	107-1	325	433	392	383	14.26	cps
Silver	109-1	183	233	208	208	12.00	cps
Sodium	23-2	40833	39323	39139	39765	2.34	cps
Strontium	86-1	7936	8169	8428	8177	3.01	cps
Strontium	88-1	892	842	842	858	3.36	cps
Sulfur	34-1	445933	441058	443557	443516	0.55	cps
Terbium	159-1	13321943	12993477	13179951	13165124	1.25	cps
Terbium	159-2	8822899	8998126	9078942	8966656	1.46	cps
Thallium	203-1	808	967	1008	928	11.37	cps
Thallium	205-1	2217	2192	2067	2159	3.72	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	CCB59	Instrumnet Name :	P7
Client Sample ID :	CCB59	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 14:22:38	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	256	328	322	302	13.32	cps
Tin	118-1	775	667	808	750	9.88	cps
Titanium	47-1	217	200	250	222	11.46	cps
Uranium	238-1	208	242	175	208	16.00	cps
Vanadium	51-2	47	97	97	80	36.08	cps
Yttrium	89-1	17388871	17246163	17266247	17300427	0.45	cps
Yttrium	89-2	4126346	4153701	4168307	4149451	0.51	cps
Zinc	66-2	443	480	413	446	7.49	cps
Zirconium	90-1	1225	1308	1342	1292	4.65	cps
Zirconium	91-1	242	225	225	231	4.17	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1331-01	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-QT1-2022-	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 14:39:26	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2578	2628	2550	2585	1.52	cps
Antimony	121-1	8686	8761	9045	8831	2.14	cps
Arsenic	75-2	319	298	333	317	5.58	cps
Barium	135-1	10738	10037	9729	10168	5.09	cps
Barium	137-1	17536	18120	17361	17673	2.25	cps
Beryllium	9-1	1143	1220	1193	1186	3.28	cps
Bismuth	209-1	7822107	7967042	8015450	7934866	1.27	cps
Bismuth	209-2	6793495	6841445	6880302	6838414	0.64	cps
Boron	10-1	3901	4251	4459	4203	6.71	cps
Boron	11-1	18987	19888	20105	19660	3.02	cps
Bromine	81-1	12823	12839	12948	12870	0.53	cps
Bromine	81-2	100	70	70	80	21.65	cps
Cadmium	111-1	5010	5195	5523	5243	4.96	cps
Cadmium	106-1	5610	5776	6093	5826	4.22	cps
Cadmium	108-1	179	117	96	131	33.22	cps
Calcium	43-1	8161	9286	8778	8742	6.45	cps
Calcium	44-1	155854	153338	155417	154870	0.87	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7435	7185	7162	7261	2.09	cps
Cobalt	59-2	3884	3994	4004	3961	1.68	cps
Copper	63-2	6448	6291	6138	6292	2.46	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Dysprosium	156-2	20	10	13	14	35.26	cps
Erbium	164-1	58	92	33	61	47.90	cps
Erbium	164-2	67	40	50	52	25.80	cps
Gadolinium	160-1	75	117	100	97	21.57	cps
Gadolinium	160-2	197	260	190	216	17.92	cps
Holmium	165-1	12198966	12606839	12544826	12450210	1.77	cps
Holmium	165-2	8902669	8982657	9159276	9014867	1.46	cps
Indium	115-1	10525566	10800529	11149989	10825361	2.89	cps
Indium	115-2	3873182	3874859	3911161	3886401	0.55	cps
Iron	56-2	453147	446620	456557	452108	1.12	cps
Iron	57-2	11516	10904	11388	11269	2.86	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1331-01	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-QT1-2022-	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 14:39:26	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	26089	26771	25768	26210	1.95	cps
Krypton	83-1	5291	5428	5251	5323	1.74	cps
Lead	206-1	3689	3940	3978	3869	4.05	cps
Lead	207-1	3284	3178	3106	3189	2.80	cps
Lead	208-1	15281	14987	15154	15141	0.98	cps
Lithium	6-1	3270984	3280348	3358978	3303437	1.46	cps
Magnesium	24-2	122287	123156	122685	122709	0.35	cps
Manganese	55-2	2390	2210	2184	2261	4.97	cps
Molybdenum	94-1	10145	10437	10604	10396	2.23	cps
Molybdenum	95-1	12147	12456	12472	12358	1.48	cps
Molybdenum	96-1	13965	13924	14408	14099	1.90	cps
Molybdenum	97-1	7861	7894	7477	7744	2.99	cps
Molybdenum	98-1	19463	20098	19964	19842	1.69	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	1243	1197	1367	1269	6.92	cps
Phosphorus	31-2	433	392	458	428	7.87	cps
Potassium	39-2	193046	195442	197636	195375	1.18	cps
Rhodium	103-1	10272931	10700590	10928500	10634007	3.13	cps
Rhodium	103-2	6718717	6764720	6932942	6805460	1.66	cps
Scandium	45-1	7871313	8217880	8381087	8156760	3.19	cps
Scandium	45-2	646553	649702	658365	651540	0.94	cps
Selenium	82-1	501	317	706	508	38.32	cps
Selenium	77-2	53	73	70	66	16.35	cps
Selenium	78-2	424	443	457	441	3.78	cps
Silicon	28-1	814287	814061	818537	815628	0.31	cps
Silver	107-1	4618	5284	5693	5198	10.44	cps
Silver	109-1	3717	4684	4776	4392	13.35	cps
Sodium	23-2	226897	227044	230698	228213	0.94	cps
Strontium	86-1	9645	10054	11029	10243	6.94	cps
Strontium	88-1	14925	14924	14549	14799	1.46	cps
Sulfur	34-1	458547	461103	460574	460074	0.29	cps
Terbium	159-1	12590786	13107266	13123865	12940639	2.34	cps
Terbium	159-2	9173222	9009693	9158463	9113792	0.99	cps
Thallium	203-1	4593	4476	4551	4540	1.30	cps
Thallium	205-1	10771	10696	11147	10871	2.22	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1331-01	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-QT1-2022-	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 14:39:26	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	11822	12334	11405	11854	3.92	cps
Tin	118-1	19146	19505	19872	19508	1.86	cps
Titanium	47-1	4359	4351	3759	4156	8.28	cps
Uranium	238-1	11247	11272	10563	11027	3.65	cps
Vanadium	51-2	10484	10347	10681	10504	1.60	cps
Yttrium	89-1	16692661	17368313	17421116	17160697	2.37	cps
Yttrium	89-2	4260250	4333740	4296767	4296919	0.86	cps
Zinc	66-2	1570	1617	1463	1550	5.07	cps
Zirconium	90-1	9253	9879	9895	9676	3.78	cps
Zirconium	91-1	2059	1950	1984	1997	2.78	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1331-03	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-QT1-2022-01	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 14:54:47	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2634	2800	2550	2661	4.78	cps
Antimony	121-1	8745	8828	8469	8681	2.16	cps
Arsenic	75-2	326	285	335	315	8.43	cps
Barium	135-1	9737	9737	10329	9934	3.44	cps
Barium	137-1	17712	17269	17495	17492	1.26	cps
Beryllium	9-1	1097	1170	1117	1128	3.36	cps
Bismuth	209-1	8071955	8076346	8149709	8099337	0.54	cps
Bismuth	209-2	6792392	6841862	6869021	6834425	0.57	cps
Boron	10-1	3792	3951	4026	3923	3.04	cps
Boron	11-1	18169	19396	20589	19385	6.24	cps
Bromine	81-1	14032	13073	13707	13604	3.59	cps
Bromine	81-2	90	70	60	73	20.83	cps
Cadmium	111-1	5337	5354	5291	5327	0.61	cps
Cadmium	106-1	5926	5843	5985	5918	1.20	cps
Cadmium	108-1	171	129	200	167	21.36	cps
Calcium	43-1	8878	8161	8628	8555	4.25	cps
Calcium	44-1	150903	154062	152050	152338	1.05	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6988	7289	7058	7112	2.21	cps
Cobalt	59-2	4047	3954	4014	4005	1.18	cps
Copper	63-2	6461	6485	6341	6429	1.20	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	10	7	13	10	33.30	cps
Erbium	164-1	108	108	100	106	4.56	cps
Erbium	164-2	70	60	70	67	8.66	cps
Gadolinium	160-1	75	100	125	100	25.00	cps
Gadolinium	160-2	197	263	237	232	14.45	cps
Holmium	165-1	12428256	12657622	12881250	12655709	1.79	cps
Holmium	165-2	9041257	9125668	9022346	9063090	0.61	cps
Indium	115-1	10840450	10986628	11248095	11025058	1.87	cps
Indium	115-2	3927932	3947236	3932107	3935758	0.26	cps
Iron	56-2	452312	456478	452535	453775	0.52	cps
Iron	57-2	11733	10976	11571	11427	3.49	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1331-03	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-QT1-2022-01	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 14:54:47	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	26771	26410	26400	26527	0.80	cps
Krypton	83-1	5354	5711	5291	5452	4.15	cps
Lead	206-1	3578	3940	3762	3760	4.80	cps
Lead	207-1	3306	3006	2900	3071	6.85	cps
Lead	208-1	14609	14970	14203	14594	2.63	cps
Lithium	6-1	3438915	3400645	3493685	3444415	1.36	cps
Magnesium	24-2	120804	120367	118418	119863	1.06	cps
Manganese	55-2	2220	2107	2240	2189	3.29	cps
Molybdenum	94-1	10479	9912	10671	10354	3.81	cps
Molybdenum	95-1	12155	12172	12272	12200	0.52	cps
Molybdenum	96-1	13023	14516	14241	13926	5.71	cps
Molybdenum	97-1	7544	7711	7427	7561	1.88	cps
Molybdenum	98-1	19505	19046	19455	19335	1.30	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	10	0	0	3	173.21	cps
Nickel	60-2	1203	1317	1243	1255	4.58	cps
Phosphorus	31-2	342	475	375	397	17.47	cps
Potassium	39-2	193704	196464	195517	195228	0.72	cps
Rhodium	103-1	10715258	10992539	10980047	10895948	1.44	cps
Rhodium	103-2	6913976	6912326	6811022	6879108	0.86	cps
Scandium	45-1	8215988	8396937	8501341	8371422	1.72	cps
Scandium	45-2	651991	666358	661544	659965	1.11	cps
Selenium	82-1	633	144	431	403	60.98	cps
Selenium	77-2	53	43	37	44	18.87	cps
Selenium	78-2	428	465	428	440	4.86	cps
Silicon	28-1	834608	837231	833313	835051	0.24	cps
Silver	107-1	4201	4943	5243	4795	11.19	cps
Silver	109-1	3917	5109	4926	4651	13.80	cps
Sodium	23-2	221447	220631	220259	220779	0.28	cps
Strontium	86-1	10187	9778	9745	9904	2.49	cps
Strontium	88-1	14407	14708	14457	14524	1.11	cps
Sulfur	34-1	472083	472102	465200	469795	0.85	cps
Terbium	159-1	12737077	13154040	13216867	13035995	2.00	cps
Terbium	159-2	9169335	9094583	9335830	9199916	1.34	cps
Thallium	203-1	4251	4701	4593	4515	5.20	cps
Thallium	205-1	10746	10730	10688	10721	0.28	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	N1331-03	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-QT1-2022-01	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 14:54:47	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	11522	11461	11683	11555	0.99	cps
Tin	118-1	18980	19080	19305	19122	0.87	cps
Titanium	47-1	4201	4117	4201	4173	1.15	cps
Uranium	238-1	10288	10605	10688	10527	2.01	cps
Vanadium	51-2	10300	10060	10180	10180	1.18	cps
Yttrium	89-1	17480585	17645301	17847364	17657750	1.04	cps
Yttrium	89-2	4317340	4389216	4288274	4331610	1.20	cps
Zinc	66-2	1393	1570	1453	1472	6.10	cps
Zirconium	90-1	9653	9136	9612	9467	3.03	cps
Zirconium	91-1	1967	1967	2025	1986	1.70	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB144322BL	Instrumnet Name :	P7
Client Sample ID :	PBW322	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 14:57:41	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	161	156	150	9.80	cps
Antimony	121-1	117	133	100	117	14.29	cps
Arsenic	75-2	28	15	26	23	30.72	cps
Barium	135-1	100	25	58	61	61.49	cps
Barium	137-1	33	100	75	69	48.50	cps
Beryllium	9-1	43	27	30	33	26.45	cps
Bismuth	209-1	8037573	8232936	8098095	8122868	1.23	cps
Bismuth	209-2	6821570	6779467	6784441	6795159	0.34	cps
Boron	10-1	708	833	742	761	8.50	cps
Boron	11-1	3425	3392	3109	3309	5.26	cps
Bromine	81-1	14116	13465	13807	13796	2.36	cps
Bromine	81-2	60	120	100	93	32.73	cps
Cadmium	111-1	4397	4532	4320	4416	2.43	cps
Cadmium	106-1	6285	6452	6160	6299	2.32	cps
Cadmium	108-1	63	25	54	47	41.70	cps
Calcium	43-1	242	175	183	200	18.16	cps
Calcium	44-1	19355	19788	20840	19994	3.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2437	2444	2500	2460	1.41	cps
Cobalt	59-2	173	153	187	171	9.80	cps
Copper	63-2	867	880	963	903	5.80	cps
Dysprosium	156-1	50	33	25	36	35.25	cps
Dysprosium	156-2	3	7	20	10	88.20	cps
Erbium	164-1	117	108	75	100	22.05	cps
Erbium	164-2	43	43	77	54	35.36	cps
Gadolinium	160-1	67	92	83	81	15.80	cps
Gadolinium	160-2	233	213	230	226	4.75	cps
Holmium	165-1	12855249	12828084	12725886	12803073	0.53	cps
Holmium	165-2	8980655	9018972	9243973	9081200	1.57	cps
Indium	115-1	11166619	11314406	11201635	11227553	0.69	cps
Indium	115-2	3864993	3925586	3909441	3900007	0.80	cps
Iron	56-2	16187	15631	16114	15977	1.89	cps
Iron	57-2	628	467	572	556	14.73	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB144322BL	Instrumnet Name :	P7
Client Sample ID :	PBW322	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 14:57:41	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1712	1992	1732	1812	8.63	cps
Krypton	83-1	5314	5448	5361	5374	1.26	cps
Lead	206-1	561	628	656	615	7.89	cps
Lead	207-1	567	528	544	546	3.57	cps
Lead	208-1	2378	2567	2661	2535	5.69	cps
Lithium	6-1	3472665	3479618	3379731	3444005	1.62	cps
Magnesium	24-2	378	417	389	394	5.08	cps
Manganese	55-2	463	397	483	448	10.13	cps
Molybdenum	94-1	442	450	392	428	7.38	cps
Molybdenum	95-1	125	125	167	139	17.32	cps
Molybdenum	96-1	208	233	208	217	6.66	cps
Molybdenum	97-1	133	158	133	142	10.19	cps
Molybdenum	98-1	175	200	192	189	6.74	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	290	240	250	260	10.18	cps
Phosphorus	31-2	258	342	300	300	13.89	cps
Potassium	39-2	69141	67634	67383	68052	1.40	cps
Rhodium	103-1	11034858	10768208	10822949	10875338	1.29	cps
Rhodium	103-2	6853059	6851252	6968909	6891074	0.98	cps
Scandium	45-1	8478750	8479353	8395857	8451320	0.57	cps
Scandium	45-2	658578	664193	662095	661622	0.43	cps
Selenium	82-1	152	-112	-72	-11	-1315.82	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	306	285	343	311	9.36	cps
Silicon	28-1	798689	794544	804429	799221	0.62	cps
Silver	107-1	300	300	300	300	0.00	cps
Silver	109-1	233	250	325	269	18.12	cps
Sodium	23-2	27837	26957	27029	27274	1.79	cps
Strontium	86-1	8194	8469	8011	8225	2.81	cps
Strontium	88-1	467	375	467	436	12.13	cps
Sulfur	34-1	473868	476627	476945	475813	0.36	cps
Terbium	159-1	13310884	13239963	13127545	13226130	0.70	cps
Terbium	159-2	9038816	9226736	9104704	9123419	1.05	cps
Thallium	203-1	692	625	592	636	8.00	cps
Thallium	205-1	1708	1558	1467	1578	7.73	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB144322BL	Instrumnet Name :	P7
Client Sample ID :	PBW322	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 14:57:41	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	44	111	78	78	42.85	cps
Tin	118-1	817	833	742	797	6.13	cps
Titanium	47-1	267	150	150	189	35.66	cps
Uranium	238-1	75	108	100	94	18.37	cps
Vanadium	51-2	77	67	30	58	42.53	cps
Yttrium	89-1	17884500	17700401	17503783	17696228	1.08	cps
Yttrium	89-2	4358356	4309352	4320160	4329289	0.59	cps
Zinc	66-2	597	573	513	561	7.66	cps
Zirconium	90-1	1125	1158	1175	1153	2.21	cps
Zirconium	91-1	250	225	208	228	9.21	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB144322BS	Instrumnet Name :	P7
Client Sample ID :	LCS322	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:00:33	DataFile Name :	044LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11821	12844	12594	12420	4.29	cps
Antimony	121-1	39087	39430	39338	39285	0.45	cps
Arsenic	75-2	1420	1365	1333	1373	3.21	cps
Barium	135-1	46042	45641	47305	46329	1.87	cps
Barium	137-1	80939	81677	79439	80685	1.41	cps
Beryllium	9-1	4651	4801	4741	4731	1.60	cps
Bismuth	209-1	8141176	8149292	8190375	8160281	0.32	cps
Bismuth	209-2	6843402	6887502	6865442	6865449	0.32	cps
Boron	10-1	16184	17293	17560	17012	4.29	cps
Boron	11-1	76992	82855	83792	81213	4.54	cps
Bromine	81-1	13039	13623	12981	13215	2.69	cps
Bromine	81-2	130	70	60	87	43.69	cps
Cadmium	111-1	10640	10817	10965	10807	1.51	cps
Cadmium	106-1	7419	7427	7569	7472	1.13	cps
Cadmium	108-1	429	458	442	443	3.30	cps
Calcium	43-1	39552	38884	39853	39430	1.26	cps
Calcium	44-1	648664	647216	641684	645855	0.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	26597	26113	26600	26437	1.06	cps
Cobalt	59-2	18218	18548	18698	18488	1.33	cps
Copper	63-2	26731	26273	26731	26578	0.99	cps
Dysprosium	156-1	33	25	33	31	15.74	cps
Dysprosium	156-2	3	17	7	9	78.08	cps
Erbium	164-1	133	67	75	92	39.63	cps
Erbium	164-2	67	73	37	59	33.16	cps
Gadolinium	160-1	58	92	92	81	23.89	cps
Gadolinium	160-2	203	210	193	202	4.15	cps
Holmium	165-1	12929194	12697711	12713114	12780006	1.01	cps
Holmium	165-2	9183848	9163737	9014035	9120540	1.02	cps
Indium	115-1	11151889	11143404	11065707	11120333	0.43	cps
Indium	115-2	3939635	3895948	3913137	3916240	0.56	cps
Iron	56-2	2081623	2070586	2121250	2091153	1.27	cps
Iron	57-2	51639	52274	52536	52150	0.88	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB144322BS	Instrumnet Name :	P7
Client Sample ID :	LCS322	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:00:33	DataFile Name :	044LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	118491	119279	118017	118596	0.54	cps
Krypton	83-1	5378	5364	5374	5372	0.13	cps
Lead	206-1	15042	15865	15587	15498	2.70	cps
Lead	207-1	13012	13507	12834	13118	2.66	cps
Lead	208-1	60571	62351	61083	61335	1.49	cps
Lithium	6-1	3466558	3480454	3433183	3460065	0.70	cps
Magnesium	24-2	564937	563491	556670	561699	0.79	cps
Manganese	55-2	8773	9036	8869	8893	1.50	cps
Molybdenum	94-1	21859	23052	21984	22298	2.94	cps
Molybdenum	95-1	12814	12881	13423	13039	2.56	cps
Molybdenum	96-1	17044	17386	16184	16871	3.67	cps
Molybdenum	97-1	8544	8353	8436	8444	1.14	cps
Molybdenum	98-1	20598	21241	21366	21068	1.95	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	5408	5391	4974	5258	4.67	cps
Phosphorus	31-2	542	567	483	531	8.06	cps
Potassium	39-2	672370	673524	672700	672864	0.09	cps
Rhodium	103-1	11098686	10988942	10968941	11018856	0.63	cps
Rhodium	103-2	6872675	6903256	6857709	6877880	0.34	cps
Scandium	45-1	8510296	8415561	8485911	8470589	0.58	cps
Scandium	45-2	674367	672789	665254	670803	0.73	cps
Selenium	82-1	2192	2390	2141	2241	5.85	cps
Selenium	77-2	183	287	193	221	25.77	cps
Selenium	78-2	989	1032	965	995	3.39	cps
Silicon	28-1	967684	971820	970754	970086	0.22	cps
Silver	107-1	24296	25640	26725	25554	4.76	cps
Silver	109-1	22844	25356	26157	24786	6.98	cps
Sodium	23-2	947492	946204	947195	946964	0.07	cps
Strontium	86-1	16827	16877	16560	16754	1.02	cps
Strontium	88-1	68209	70109	71567	69962	2.41	cps
Sulfur	34-1	470580	479123	479424	476376	1.05	cps
Terbium	159-1	13383739	13268147	13523346	13391744	0.95	cps
Terbium	159-2	9100010	9196411	9133527	9143316	0.54	cps
Thallium	203-1	19239	18488	18663	18797	2.09	cps
Thallium	205-1	44967	44824	45218	45003	0.44	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB144322BS	Instrumnet Name :	P7
Client Sample ID :	LCS322	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:00:33	DataFile Name :	044LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	57002	57660	57202	57288	0.59	cps
Tin	118-1	1000	1025	1275	1100	13.82	cps
Titanium	47-1	18094	17861	18553	18170	1.94	cps
Uranium	238-1	50600	52365	51872	51612	1.76	cps
Vanadium	51-2	48678	48421	47331	48143	1.49	cps
Yttrium	89-1	17800658	17773647	18030631	17868312	0.79	cps
Yttrium	89-2	4362154	4383412	4298674	4348080	1.01	cps
Zinc	66-2	11054	11061	10741	10952	1.67	cps
Zirconium	90-1	41376	41793	42311	41827	1.12	cps
Zirconium	91-1	9678	9311	10412	9801	5.72	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB144323BL	Instrumnet Name :	P7
Client Sample ID :	PBS323	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:03:27	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	128	100	167	131	25.47	cps
Antimony	121-1	167	192	175	178	7.16	cps
Arsenic	75-2	20	35	20	25	33.81	cps
Barium	135-1	33	50	8	31	68.64	cps
Barium	137-1	133	117	58	103	38.32	cps
Beryllium	9-1	10	37	23	23	57.15	cps
Bismuth	209-1	8235516	7983213	7945355	8054695	1.96	cps
Bismuth	209-2	6750747	6806128	6825129	6794001	0.57	cps
Boron	10-1	1108	1033	1050	1064	3.70	cps
Boron	11-1	5718	5159	4759	5212	9.24	cps
Bromine	81-1	13740	13473	13640	13618	0.99	cps
Bromine	81-2	40	40	50	43	13.32	cps
Cadmium	111-1	4389	4183	4434	4335	3.08	cps
Cadmium	106-1	6260	5976	6327	6188	3.01	cps
Cadmium	108-1	50	42	46	46	9.09	cps
Calcium	43-1	133	117	167	139	18.33	cps
Calcium	44-1	20957	21007	20932	20965	0.18	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2254	2564	2247	2355	7.69	cps
Cobalt	59-2	150	180	137	156	14.27	cps
Copper	63-2	810	920	783	838	8.65	cps
Dysprosium	156-1	33	17	33	28	34.63	cps
Dysprosium	156-2	23	10	17	17	39.99	cps
Erbium	164-1	100	83	75	86	14.78	cps
Erbium	164-2	43	80	53	59	32.19	cps
Gadolinium	160-1	100	125	100	108	13.32	cps
Gadolinium	160-2	250	177	243	223	18.16	cps
Holmium	165-1	12691287	12591206	12655297	12645930	0.40	cps
Holmium	165-2	8978025	9017695	9221955	9072558	1.44	cps
Indium	115-1	11316965	11249200	11168808	11244991	0.66	cps
Indium	115-2	3815999	3825013	3916887	3852633	1.45	cps
Iron	56-2	15964	15364	16159	15829	2.62	cps
Iron	57-2	483	567	617	556	12.12	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB144323BL	Instrumnet Name :	P7
Client Sample ID :	PBS323	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:03:27	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1762	1812	1642	1739	5.03	cps
Krypton	83-1	5428	5591	5521	5513	1.49	cps
Lead	206-1	644	628	594	622	4.09	cps
Lead	207-1	539	539	494	524	4.90	cps
Lead	208-1	2461	2450	2350	2421	2.53	cps
Lithium	6-1	3487246	3441669	3490932	3473282	0.79	cps
Magnesium	24-2	444	633	522	533	17.80	cps
Manganese	55-2	450	383	340	391	14.17	cps
Molybdenum	94-1	467	508	408	461	10.89	cps
Molybdenum	95-1	125	150	75	117	32.73	cps
Molybdenum	96-1	250	167	258	225	22.53	cps
Molybdenum	97-1	33	150	100	94	61.98	cps
Molybdenum	98-1	225	200	217	214	5.95	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	220	243	307	257	17.47	cps
Phosphorus	31-2	283	333	242	286	16.04	cps
Potassium	39-2	67558	67257	68513	67776	0.97	cps
Rhodium	103-1	11207290	11011575	10997030	11071965	1.06	cps
Rhodium	103-2	6849463	6737578	6936802	6841281	1.46	cps
Scandium	45-1	8535759	8544630	8411413	8497267	0.88	cps
Scandium	45-2	655065	649042	651177	651761	0.47	cps
Selenium	82-1	-13	-152	-139	-101	-75.65	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	322	319	259	300	11.78	cps
Silicon	28-1	807585	809681	809448	808905	0.14	cps
Silver	107-1	700	350	500	517	33.99	cps
Silver	109-1	417	358	525	433	19.52	cps
Sodium	23-2	27375	26885	26434	26898	1.75	cps
Strontium	86-1	8853	8995	8061	8636	5.83	cps
Strontium	88-1	558	500	475	511	8.37	cps
Sulfur	34-1	480984	479049	482416	480816	0.35	cps
Terbium	159-1	13577517	13365261	13127001	13356593	1.69	cps
Terbium	159-2	8978241	9046421	9099240	9041301	0.67	cps
Thallium	203-1	725	775	708	736	4.71	cps
Thallium	205-1	1467	1492	1767	1575	10.57	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB144323BL	Instrumnet Name :	P7
Client Sample ID :	PBS323	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:03:27	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	111	117	89	106	13.93	cps
Tin	118-1	700	758	842	767	9.29	cps
Titanium	47-1	142	275	233	217	31.48	cps
Uranium	238-1	100	83	75	86	14.78	cps
Vanadium	51-2	37	67	80	61	36.31	cps
Yttrium	89-1	17952952	17720160	17813603	17828905	0.66	cps
Yttrium	89-2	4328246	4246704	4272232	4282394	0.97	cps
Zinc	66-2	533	653	557	581	10.95	cps
Zirconium	90-1	1242	1217	1108	1189	5.96	cps
Zirconium	91-1	225	275	192	231	18.19	cps

LB Number : LB121155 Operator : Jaswal
 Lab Sample ID : PB144323BS Instrumnet Name : P7
 Client Sample ID : LCS323 Dilution Factor : 1
 Date & Time Acquired : 2022-05-06 15:06:20 DataFile Name : 046LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12405	12311	12466	12394	0.63	cps
Antimony	121-1	40148	39781	40717	40215	1.17	cps
Arsenic	75-2	1404	1328	1383	1372	2.87	cps
Barium	135-1	47530	45632	47472	46878	2.30	cps
Barium	137-1	81383	81183	80863	81143	0.32	cps
Beryllium	9-1	4958	4821	5094	4958	2.76	cps
Bismuth	209-1	8264924	8049103	8114599	8142875	1.36	cps
Bismuth	209-2	6740694	6746501	6874204	6787133	1.11	cps
Boron	10-1	16284	17727	17377	17129	4.40	cps
Boron	11-1	80467	82495	85879	82947	3.30	cps
Bromine	81-1	12564	13381	12664	12870	3.46	cps
Bromine	81-2	90	100	60	83	24.98	cps
Cadmium	111-1	10344	10139	10654	10379	2.49	cps
Cadmium	106-1	7144	6635	7310	7030	5.00	cps
Cadmium	108-1	488	438	533	486	9.86	cps
Calcium	43-1	40521	39602	40396	40173	1.24	cps
Calcium	44-1	638536	646260	651720	645505	1.03	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	26413	26066	25585	26021	1.60	cps
Cobalt	59-2	18705	18391	18124	18407	1.58	cps
Copper	63-2	25896	26624	26263	26261	1.39	cps
Dysprosium	156-1	0	50	33	28	91.65	cps
Dysprosium	156-2	27	23	23	24	7.89	cps
Erbium	164-1	42	100	125	89	48.11	cps
Erbium	164-2	70	50	57	59	17.29	cps
Gadolinium	160-1	67	83	50	67	25.00	cps
Gadolinium	160-2	230	187	200	206	10.80	cps
Holmium	165-1	12649806	12767730	12671824	12696453	0.49	cps
Holmium	165-2	8944874	8961211	8981990	8962692	0.21	cps
Indium	115-1	11073376	11097551	11113829	11094919	0.18	cps
Indium	115-2	3874276	3815428	3830631	3840112	0.80	cps
Iron	56-2	2133285	2080607	2101192	2105028	1.26	cps
Iron	57-2	52564	51020	51482	51689	1.53	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB144323BS	Instrumnet Name :	P7
Client Sample ID :	LCS323	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:06:20	DataFile Name :	046LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	117896	115808	116687	116797	0.90	cps
Krypton	83-1	5254	5604	5318	5392	3.46	cps
Lead	206-1	15809	16227	15292	15776	2.97	cps
Lead	207-1	13090	13435	12917	13147	2.00	cps
Lead	208-1	61622	62267	60493	61461	1.46	cps
Lithium	6-1	3436515	3519045	3484139	3479900	1.19	cps
Magnesium	24-2	563753	564725	562088	563522	0.24	cps
Manganese	55-2	8963	8759	8846	8856	1.15	cps
Molybdenum	94-1	23094	22593	22935	22874	1.12	cps
Molybdenum	95-1	13098	12914	13473	13162	2.16	cps
Molybdenum	96-1	17002	16418	16752	16724	1.75	cps
Molybdenum	97-1	8252	7911	8177	8114	2.21	cps
Molybdenum	98-1	20665	21383	21391	21146	1.97	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	4941	5221	5231	5131	3.21	cps
Phosphorus	31-2	408	483	500	464	10.53	cps
Potassium	39-2	673454	662803	668068	668108	0.80	cps
Rhodium	103-1	10952115	11082159	10958397	10997557	0.67	cps
Rhodium	103-2	6746719	6672854	6703488	6707687	0.55	cps
Scandium	45-1	8308942	8429715	8436596	8391751	0.86	cps
Scandium	45-2	652156	655086	655669	654304	0.29	cps
Selenium	82-1	2417	1897	2349	2221	12.71	cps
Selenium	77-2	223	203	143	190	21.91	cps
Selenium	78-2	933	1091	991	1005	7.93	cps
Silicon	28-1	968223	973910	969343	970492	0.31	cps
Silver	107-1	24722	27401	27059	26394	5.53	cps
Silver	109-1	23687	24989	25849	24841	4.38	cps
Sodium	23-2	960683	935931	947767	948127	1.31	cps
Strontium	86-1	16660	16843	16168	16557	2.11	cps
Strontium	88-1	69464	69532	69607	69534	0.10	cps
Sulfur	34-1	481111	483081	484302	482831	0.33	cps
Terbium	159-1	13248450	13261557	13193283	13234430	0.27	cps
Terbium	159-2	9135254	9005318	9142089	9094220	0.85	cps
Thallium	203-1	18938	18254	19431	18875	3.13	cps
Thallium	205-1	44315	45201	44607	44708	1.01	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB144323BS	Instrumnet Name :	P7
Client Sample ID :	LCS323	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:06:20	DataFile Name :	046LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	57476	58129	58057	57887	0.62	cps
Tin	118-1	1100	1108	1017	1075	4.72	cps
Titanium	47-1	17093	17519	17994	17536	2.57	cps
Uranium	238-1	51412	51579	52308	51766	0.92	cps
Vanadium	51-2	48588	47849	48063	48167	0.79	cps
Yttrium	89-1	17659500	17677513	17735940	17690984	0.23	cps
Yttrium	89-2	4283921	4213366	4240704	4245997	0.84	cps
Zinc	66-2	10861	10827	11041	10910	1.05	cps
Zirconium	90-1	42629	42897	42053	42526	1.01	cps
Zirconium	91-1	9195	8686	8920	8933	2.85	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB146268BL	Instrumnet Name :	P7
Client Sample ID :	PB146268BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:09:14	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	128	111	119	7.16	cps
Antimony	121-1	125	100	75	100	25.00	cps
Arsenic	75-2	19	19	19	19	0.00	cps
Barium	135-1	42	25	67	44	47.19	cps
Barium	137-1	100	67	42	69	42.14	cps
Beryllium	9-1	30	50	53	44	28.39	cps
Bismuth	209-1	8155182	8104609	8099177	8119656	0.38	cps
Bismuth	209-2	6697343	6788708	6773411	6753154	0.72	cps
Boron	10-1	1275	1250	958	1161	15.16	cps
Boron	11-1	5726	5068	4851	5215	8.74	cps
Bromine	81-1	13356	12806	13632	13265	3.17	cps
Bromine	81-2	80	30	40	50	52.92	cps
Cadmium	111-1	4193	4340	4576	4370	4.42	cps
Cadmium	106-1	6026	6210	6552	6263	4.26	cps
Cadmium	108-1	54	46	63	54	15.39	cps
Calcium	43-1	200	183	242	208	14.42	cps
Calcium	44-1	19513	18946	19505	19321	1.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2250	2190	2354	2265	3.65	cps
Cobalt	59-2	197	150	130	159	21.53	cps
Copper	63-2	773	927	833	844	9.15	cps
Dysprosium	156-1	42	0	42	28	86.60	cps
Dysprosium	156-2	17	10	10	12	31.50	cps
Erbium	164-1	75	117	67	86	31.11	cps
Erbium	164-2	57	87	33	59	45.41	cps
Gadolinium	160-1	50	58	83	64	27.16	cps
Gadolinium	160-2	230	253	220	234	7.30	cps
Holmium	165-1	12614788	12764032	12620430	12666417	0.67	cps
Holmium	165-2	8928671	8948401	9006200	8961090	0.45	cps
Indium	115-1	11050221	11034951	11036771	11040648	0.08	cps
Indium	115-2	3874173	3802224	3866797	3847731	1.03	cps
Iron	56-2	15758	16454	15959	16057	2.23	cps
Iron	57-2	461	494	561	506	10.07	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB146268BL	Instrumnet Name :	P7
Client Sample ID :	PB146268BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:09:14	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1632	1592	1792	1672	6.34	cps
Krypton	83-1	5194	5351	5278	5274	1.49	cps
Lead	206-1	594	617	600	604	1.92	cps
Lead	207-1	600	444	617	554	17.15	cps
Lead	208-1	2561	2400	2633	2532	4.72	cps
Lithium	6-1	3529502	3460258	3489239	3493000	1.00	cps
Magnesium	24-2	372	339	478	396	18.30	cps
Manganese	55-2	380	373	353	369	3.76	cps
Molybdenum	94-1	625	450	400	492	24.03	cps
Molybdenum	95-1	100	75	92	89	14.32	cps
Molybdenum	96-1	250	208	242	233	9.45	cps
Molybdenum	97-1	75	58	58	64	15.06	cps
Molybdenum	98-1	192	183	225	200	11.02	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	233	317	277	276	15.12	cps
Phosphorus	31-2	408	383	275	356	19.93	cps
Potassium	39-2	69124	67140	67919	68061	1.47	cps
Rhodium	103-1	11001925	10952922	11067526	11007458	0.52	cps
Rhodium	103-2	6737456	6743596	6864850	6781967	1.06	cps
Scandium	45-1	8502686	8326923	8385837	8405149	1.06	cps
Scandium	45-2	654765	655279	651296	653780	0.33	cps
Selenium	82-1	212	22	78	104	94.24	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	289	361	281	311	14.17	cps
Silicon	28-1	810125	807113	810633	809290	0.24	cps
Silver	107-1	608	633	392	544	24.41	cps
Silver	109-1	492	433	292	406	25.36	cps
Sodium	23-2	25816	26395	26323	26178	1.20	cps
Strontium	86-1	8369	8369	8253	8330	0.81	cps
Strontium	88-1	517	408	408	444	14.07	cps
Sulfur	34-1	485963	482609	484046	484206	0.35	cps
Terbium	159-1	13129592	13248225	13217506	13198441	0.47	cps
Terbium	159-2	9073009	9115726	9066718	9085151	0.29	cps
Thallium	203-1	558	608	600	589	4.55	cps
Thallium	205-1	1558	1475	1792	1608	10.21	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB146268BL	Instrumnet Name :	P7
Client Sample ID :	PB146268BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:09:14	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	100	78	117	98	19.88	cps
Tin	118-1	592	575	717	628	12.33	cps
Titanium	47-1	125	158	150	144	12.01	cps
Uranium	238-1	100	67	167	111	45.83	cps
Vanadium	51-2	67	73	57	66	12.79	cps
Yttrium	89-1	17798197	17450117	17418752	17555689	1.20	cps
Yttrium	89-2	4288241	4227435	4236955	4250877	0.77	cps
Zinc	66-2	457	543	477	492	9.22	cps
Zirconium	90-1	1217	1125	933	1092	13.24	cps
Zirconium	91-1	192	217	167	192	13.04	cps

LB Number : LB121155 Operator : Jaswal
 Lab Sample ID : PB146268BS Instrumnet Name : P7
 Client Sample ID : PB146268BS Dilution Factor : 1
 Date & Time Acquired : 2022-05-06 15:12:06 DataFile Name : 048LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3040638	2977225	3040267	3019377	1.21	cps
Antimony	121-1	5333921	5392262	5448324	5391502	1.06	cps
Arsenic	75-2	320576	315089	318998	318221	0.89	cps
Barium	135-1	6530540	6531647	6550065	6537418	0.17	cps
Barium	137-1	11253683	11290737	11321476	11288632	0.30	cps
Beryllium	9-1	1292031	1271006	1297157	1286731	1.08	cps
Bismuth	209-1	8169521	7891556	7946271	8002450	1.84	cps
Bismuth	209-2	6412094	6479941	6479442	6457159	0.60	cps
Boron	10-1	279109	281514	293470	284698	2.70	cps
Boron	11-1	1341476	1375996	1432870	1383447	3.34	cps
Bromine	81-1	12672	12989	12589	12750	1.66	cps
Bromine	81-2	110	60	100	90	29.40	cps
Cadmium	111-1	1469357	1474686	1480571	1474871	0.38	cps
Cadmium	106-1	166583	166078	169601	167421	1.14	cps
Cadmium	108-1	116711	116988	119094	117598	1.11	cps
Calcium	43-1	1997669	2003708	2018329	2006568	0.53	cps
Calcium	44-1	31617303	31091927	31550319	31419850	0.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2883014	2858070	2888085	2876390	0.56	cps
Cobalt	59-2	4504616	4432160	4469153	4468643	0.81	cps
Copper	63-2	31625343	31523309	31491752	31546801	0.22	cps
Dysprosium	156-1	267	392	300	319	20.26	cps
Dysprosium	156-2	303	287	310	300	4.01	cps
Erbium	164-1	125	133	150	136	9.35	cps
Erbium	164-2	93	83	83	87	6.66	cps
Gadolinium	160-1	250	275	233	253	8.30	cps
Gadolinium	160-2	397	373	313	361	11.91	cps
Holmium	165-1	12798497	12584611	12859347	12747485	1.13	cps
Holmium	165-2	8788272	8869842	8907244	8855119	0.69	cps
Indium	115-1	10502791	10550483	10514716	10522663	0.24	cps
Indium	115-2	3602774	3569579	3616282	3596212	0.67	cps
Iron	56-2	131641975	129578856	130304339	130508390	0.80	cps
Iron	57-2	3291621	3224167	3273298	3263029	1.07	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB146268BS	Instrumnet Name :	P7
Client Sample ID :	PB146268BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:12:06	DataFile Name :	048LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	7291565	7220814	7261991	7258124	0.49	cps
Krypton	83-1	5158	4951	5084	5064	2.07	cps
Lead	206-1	21334886	21374153	21603426	21437488	0.68	cps
Lead	207-1	18370606	18517565	18626364	18504845	0.69	cps
Lead	208-1	85641796	85357071	85775048	85591305	0.25	cps
Lithium	6-1	3476275	3388335	3411712	3425441	1.33	cps
Magnesium	24-2	29233639	28747808	28938481	28973309	0.84	cps
Manganese	55-2	21040904	20652044	20995138	20896029	1.02	cps
Molybdenum	94-1	21208596	20878269	21131396	21072754	0.82	cps
Molybdenum	95-1	29751836	29641911	30013105	29802284	0.64	cps
Molybdenum	96-1	33004719	32821539	33113741	32980000	0.45	cps
Molybdenum	97-1	18519932	18492454	18656576	18556321	0.47	cps
Molybdenum	98-1	47368931	47774270	47670653	47604618	0.44	cps
Neodymium	150-1	540	413	440	464	14.38	cps
Neodymium	150-2	93	103	107	101	6.87	cps
Nickel	60-2	1092173	1094011	1087114	1091099	0.33	cps
Phosphorus	31-2	152286	151175	155367	152943	1.42	cps
Potassium	39-2	14706796	14638166	14671504	14672155	0.23	cps
Rhodium	103-1	10286739	10290353	10251122	10276071	0.21	cps
Rhodium	103-2	6306708	6274811	6293900	6291807	0.26	cps
Scandium	45-1	8247688	7929906	8107449	8095014	1.97	cps
Scandium	45-2	618093	616935	623311	619446	0.55	cps
Selenium	82-1	110424	111176	110669	110756	0.35	cps
Selenium	77-2	9933	9917	9887	9912	0.24	cps
Selenium	78-2	33560	33128	33660	33449	0.85	cps
Silicon	28-1	35842314	34954504	35612802	35469873	1.30	cps
Silver	107-1	7444183	7197835	7452185	7364735	1.96	cps
Silver	109-1	7033955	7063693	7114962	7070870	0.58	cps
Sodium	23-2	47996957	47594605	47957155	47849572	0.46	cps
Strontium	86-1	2036831	2045394	2024830	2035685	0.51	cps
Strontium	88-1	17408829	17622723	17683967	17571839	0.82	cps
Sulfur	34-1	1326849	1302052	1308941	1312614	0.98	cps
Terbium	159-1	13404093	13190073	13060436	13218200	1.31	cps
Terbium	159-2	8824871	8824044	8861167	8836694	0.24	cps
Thallium	203-1	5196601	5158334	5320671	5225202	1.62	cps
Thallium	205-1	12208485	12219939	12535527	12321317	1.51	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB146268BS	Instrumnet Name :	P7
Client Sample ID :	PB146268BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:12:06	DataFile Name :	048LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	17789572	17788263	17809634	17795823	0.07	cps
Tin	118-1	4608517	4671908	4697840	4659422	0.99	cps
Titanium	47-1	9355403	9169335	9332645	9285795	1.09	cps
Uranium	238-1	16269676	16075098	16270365	16205047	0.69	cps
Vanadium	51-2	2461507	2464554	2445668	2457243	0.41	cps
Yttrium	89-1	17138683	16986603	16973577	17032954	0.54	cps
Yttrium	89-2	4018916	4020742	4115505	4051721	1.36	cps
Zinc	66-2	5274540	5164262	5249973	5229592	1.11	cps
Zirconium	90-1	10658128	10673338	10799562	10710343	0.72	cps
Zirconium	91-1	2399560	2401269	2415150	2405326	0.36	cps

LB Number : LB121155 Operator : Jaswal
 Lab Sample ID : PB146267BL Instrumnet Name : P7
 Client Sample ID : PB146267BL Dilution Factor : 1
 Date & Time Acquired : 2022-05-06 15:21:22 DataFile Name : 049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	144	172	161	9.12	cps
Antimony	121-1	1000	800	867	889	11.46	cps
Arsenic	75-2	33	26	17	25	32.98	cps
Barium	135-1	350	125	67	181	82.86	cps
Barium	137-1	467	108	108	228	90.83	cps
Beryllium	9-1	100	67	50	72	35.25	cps
Bismuth	209-1	8060196	7322494	8250314	7877668	6.22	cps
Bismuth	209-2	7095164	6565187	6751974	6804109	3.95	cps
Boron	10-1	1625	1725	1533	1628	5.89	cps
Boron	11-1	7852	7769	8202	7941	2.90	cps
Bromine	81-1	12781	12689	12906	12792	0.85	cps
Bromine	81-2	80	80	60	73	15.75	cps
Cadmium	111-1	4098	3584	4339	4007	9.62	cps
Cadmium	106-1	5693	5076	6185	5651	9.83	cps
Cadmium	108-1	42	33	46	40	15.80	cps
Calcium	43-1	233	217	167	206	16.88	cps
Calcium	44-1	21099	19672	19914	20228	3.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2307	2247	2260	2271	1.39	cps
Cobalt	59-2	210	147	183	180	17.66	cps
Copper	63-2	973	977	1093	1014	6.74	cps
Dysprosium	156-1	17	33	17	22	43.28	cps
Dysprosium	156-2	17	7	7	10	57.72	cps
Erbium	164-1	92	133	67	97	34.64	cps
Erbium	164-2	70	50	50	57	20.38	cps
Gadolinium	160-1	42	67	58	56	22.91	cps
Gadolinium	160-2	197	223	253	224	12.63	cps
Holmium	165-1	12632383	11392830	12884605	12303273	6.49	cps
Holmium	165-2	9362354	8651609	8865058	8959673	4.07	cps
Indium	115-1	10928570	9723271	10920676	10524172	6.59	cps
Indium	115-2	3982629	3708146	3802351	3831042	3.64	cps
Iron	56-2	15747	15681	15492	15640	0.85	cps
Iron	57-2	528	494	522	515	3.47	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB146267BL	Instrumnet Name :	P7
Client Sample ID :	PB146267BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:21:22	DataFile Name :	049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1552	1732	1702	1662	5.81	cps
Krypton	83-1	5008	5021	5108	5045	1.08	cps
Lead	206-1	1517	961	911	1130	29.76	cps
Lead	207-1	1350	806	811	989	31.63	cps
Lead	208-1	6290	3717	3656	4554	33.01	cps
Lithium	6-1	3391956	3159366	3402927	3318083	4.15	cps
Magnesium	24-2	656	450	550	552	18.63	cps
Manganese	55-2	430	553	543	509	13.46	cps
Molybdenum	94-1	1392	542	600	844	56.23	cps
Molybdenum	95-1	1417	525	325	756	76.93	cps
Molybdenum	96-1	1867	733	542	1047	68.38	cps
Molybdenum	97-1	792	225	350	456	65.35	cps
Molybdenum	98-1	2367	858	692	1306	70.68	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	220	183	270	224	19.38	cps
Phosphorus	31-2	300	250	342	297	15.44	cps
Potassium	39-2	63776	63291	63750	63606	0.43	cps
Rhodium	103-1	10695292	9569622	10867741	10377552	6.79	cps
Rhodium	103-2	6972453	6469104	6671030	6704196	3.78	cps
Scandium	45-1	8114442	7339791	7994861	7816365	5.34	cps
Scandium	45-2	668633	612721	632858	638071	4.44	cps
Selenium	82-1	228	110	166	168	35.24	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	302	304	261	289	8.33	cps
Silicon	28-1	797735	791781	794036	794517	0.38	cps
Silver	107-1	408	292	283	328	21.32	cps
Silver	109-1	275	183	317	258	26.40	cps
Sodium	23-2	27269	26879	27286	27145	0.85	cps
Strontium	86-1	8411	8678	8152	8414	3.12	cps
Strontium	88-1	1200	550	642	797	44.13	cps
Sulfur	34-1	424636	431223	432065	429308	0.95	cps
Terbium	159-1	13361056	11666544	13136839	12721480	7.24	cps
Terbium	159-2	9506175	8839817	9249156	9198383	3.65	cps
Thallium	203-1	942	858	683	828	15.93	cps
Thallium	205-1	2317	1942	1625	1961	17.66	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB146267BL	Instrumnet Name :	P7
Client Sample ID :	PB146267BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:21:22	DataFile Name :	049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	733	328	272	444	56.64	cps
Tin	118-1	883	667	708	753	15.27	cps
Titanium	47-1	542	192	292	342	52.77	cps
Uranium	238-1	683	250	158	364	77.06	cps
Vanadium	51-2	73	43	53	57	26.96	cps
Yttrium	89-1	17030944	15284331	16943500	16419592	5.99	cps
Yttrium	89-2	4326192	4027230	4087074	4146832	3.81	cps
Zinc	66-2	497	500	503	500	0.67	cps
Zirconium	90-1	1492	1183	1158	1278	14.53	cps
Zirconium	91-1	308	167	225	233	30.51	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB146267BS	Instrumnet Name :	P7
Client Sample ID :	PB146267BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:24:15	DataFile Name :	050LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2999206	2954638	2976455	2976767	0.75	cps
Antimony	121-1	5390809	5418831	5420804	5410148	0.31	cps
Arsenic	75-2	316613	313326	312103	314014	0.74	cps
Barium	135-1	6496444	6494448	6498096	6496329	0.03	cps
Barium	137-1	11118660	11117916	11221021	11152532	0.53	cps
Beryllium	9-1	1255682	1226729	1276152	1252854	1.98	cps
Bismuth	209-1	8176868	8029124	8007750	8071247	1.14	cps
Bismuth	209-2	6608559	6588579	6547975	6581705	0.47	cps
Boron	10-1	264370	274259	282305	273645	3.28	cps
Boron	11-1	1311370	1308776	1355086	1325078	1.96	cps
Bromine	81-1	11922	12597	11788	12102	3.58	cps
Bromine	81-2	100	50	60	70	37.80	cps
Cadmium	111-1	1463734	1464373	1458469	1462192	0.22	cps
Cadmium	106-1	164275	165033	165883	165064	0.49	cps
Cadmium	108-1	114565	116854	114099	115173	1.28	cps
Calcium	43-1	1940491	1942992	1959062	1947515	0.52	cps
Calcium	44-1	30740292	30606222	30555868	30634127	0.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2843010	2822697	2793727	2819812	0.88	cps
Cobalt	59-2	4393423	4336748	4340829	4357000	0.73	cps
Copper	63-2	31464172	30943545	30829381	31079033	1.09	cps
Dysprosium	156-1	283	408	267	319	24.24	cps
Dysprosium	156-2	303	293	357	318	10.71	cps
Erbium	164-1	158	167	167	164	2.93	cps
Erbium	164-2	87	107	80	91	15.23	cps
Gadolinium	160-1	342	292	308	314	8.11	cps
Gadolinium	160-2	377	287	410	358	17.83	cps
Holmium	165-1	12778443	12798898	12630686	12736009	0.72	cps
Holmium	165-2	8989596	8966206	8952900	8969567	0.21	cps
Indium	115-1	10579154	10579397	10436980	10531844	0.78	cps
Indium	115-2	3655478	3625815	3560945	3614079	1.34	cps
Iron	56-2	130172236	128488995	130374364	129678532	0.80	cps
Iron	57-2	3238913	3179575	3199431	3205973	0.94	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB146267BS	Instrumnet Name :	P7
Client Sample ID :	PB146267BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:24:15	DataFile Name :	050LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	7201033	7126110	7096826	7141323	0.75	cps
Krypton	83-1	4918	4821	4818	4852	1.17	cps
Lead	206-1	21351407	21563694	21542045	21485715	0.54	cps
Lead	207-1	18368126	18593906	18451314	18471115	0.62	cps
Lead	208-1	85445322	85956629	85329706	85577219	0.39	cps
Lithium	6-1	3359214	3339961	3347525	3348900	0.29	cps
Magnesium	24-2	29026378	28852700	28531056	28803378	0.87	cps
Manganese	55-2	20883502	20708102	20819614	20803739	0.43	cps
Molybdenum	94-1	20659916	20908381	20765620	20777972	0.60	cps
Molybdenum	95-1	29038327	29426662	29271040	29245343	0.67	cps
Molybdenum	96-1	32380637	32331241	32260624	32324167	0.19	cps
Molybdenum	97-1	18338821	18263597	18101285	18234568	0.67	cps
Molybdenum	98-1	47150321	46902497	46592538	46881785	0.60	cps
Neodymium	150-1	447	400	453	433	6.71	cps
Neodymium	150-2	63	120	110	98	30.94	cps
Nickel	60-2	1066973	1070759	1064051	1067261	0.32	cps
Phosphorus	31-2	154001	149097	149946	151015	1.74	cps
Potassium	39-2	14600376	14516421	14494342	14537046	0.38	cps
Rhodium	103-1	10230717	10232454	10159379	10207517	0.41	cps
Rhodium	103-2	6273934	6350272	6193806	6272671	1.25	cps
Scandium	45-1	8087171	7817906	7917476	7940851	1.71	cps
Scandium	45-2	622628	613598	610552	615592	1.02	cps
Selenium	82-1	108456	108134	108695	108428	0.26	cps
Selenium	77-2	10040	9813	9647	9833	2.01	cps
Selenium	78-2	33061	32899	32589	32850	0.73	cps
Silicon	28-1	34507282	34483150	33980533	34323655	0.87	cps
Silver	107-1	7280254	7208922	7182176	7223784	0.70	cps
Silver	109-1	6990474	7000375	6919367	6970072	0.63	cps
Sodium	23-2	48028629	47696269	47786697	47837198	0.36	cps
Strontium	86-1	1984449	1992531	1980929	1985970	0.30	cps
Strontium	88-1	16972414	17267509	17093165	17111030	0.87	cps
Sulfur	34-1	1262276	1250055	1252592	1254974	0.51	cps
Terbium	159-1	13237804	13199499	13308067	13248456	0.42	cps
Terbium	159-2	8911808	8906419	8992568	8936932	0.54	cps
Thallium	203-1	5162763	5277564	5174042	5204790	1.22	cps
Thallium	205-1	12166322	12423445	12362771	12317513	1.09	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB146267BS	Instrumnet Name :	P7
Client Sample ID :	PB146267BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:24:15	DataFile Name :	050LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	17754813	18010662	17964740	17910072	0.76	cps
Tin	118-1	4631428	4626428	4645005	4634287	0.21	cps
Titanium	47-1	9201023	9008384	8961933	9057113	1.40	cps
Uranium	238-1	16178280	16401690	15884893	16154954	1.60	cps
Vanadium	51-2	2411236	2400818	2402869	2404974	0.23	cps
Yttrium	89-1	16936099	16800743	16739611	16825484	0.60	cps
Yttrium	89-2	4037223	4049449	4007504	4031392	0.54	cps
Zinc	66-2	5229844	5152236	5116057	5166046	1.13	cps
Zirconium	90-1	10553334	10593678	10534151	10560388	0.29	cps
Zirconium	91-1	2387135	2374204	2380504	2380614	0.27	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	CCV60	Instrumnet Name :	P7
Client Sample ID :	CCV60	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:33:51	DataFile Name :	052CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14720535	14391709	14641097	14584447	1.18	cps
Antimony	121-1	5327660	5399187	5351717	5359521	0.68	cps
Arsenic	75-2	302386	302219	301815	302140	0.10	cps
Barium	135-1	6198925	6227614	6208161	6211567	0.24	cps
Barium	137-1	10695717	10895466	10741064	10777416	0.97	cps
Beryllium	9-1	1204971	1227285	1194917	1209058	1.37	cps
Bismuth	209-1	7481227	7481477	7401975	7454893	0.61	cps
Bismuth	209-2	5965510	6012087	5959995	5979197	0.48	cps
Boron	10-1	280409	298626	303493	294176	4.14	cps
Boron	11-1	1365607	1440736	1441155	1415833	3.07	cps
Bromine	81-1	11597	12422	12230	12083	3.58	cps
Bromine	81-2	60	80	130	90	40.07	cps
Cadmium	111-1	1391140	1411895	1403534	1402190	0.74	cps
Cadmium	106-1	160205	161433	161292	160977	0.42	cps
Cadmium	108-1	113763	113196	112209	113056	0.70	cps
Calcium	43-1	9403475	9378198	9462102	9414592	0.46	cps
Calcium	44-1	148612578	149576220	148896224	149028341	0.33	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2778470	2795861	2804292	2792875	0.47	cps
Cobalt	59-2	4150236	4206779	4255719	4204245	1.26	cps
Copper	63-2	30321871	30567845	30924411	30604709	0.99	cps
Dysprosium	156-1	783	792	717	764	5.38	cps
Dysprosium	156-2	527	567	620	571	8.20	cps
Erbium	164-1	233	167	217	206	16.88	cps
Erbium	164-2	117	160	137	138	15.74	cps
Gadolinium	160-1	525	633	508	556	12.22	cps
Gadolinium	160-2	633	697	660	663	4.79	cps
Holmium	165-1	12597688	12267650	12262770	12376036	1.55	cps
Holmium	165-2	8640457	8647549	8945293	8744433	1.99	cps
Indium	115-1	9980430	10147061	10032769	10053420	0.85	cps
Indium	115-2	3424664	3509588	3524396	3486216	1.54	cps
Iron	56-2	607303147	619433903	618186347	614974466	1.09	cps
Iron	57-2	15265323	15319100	15560711	15381711	1.02	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	CCV60	Instrumnet Name :	P7
Client Sample ID :	CCV60	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:33:51	DataFile Name :	052CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	33608896	33817066	33938572	33788178	0.49	cps
Krypton	83-1	4884	4988	4694	4855	3.07	cps
Lead	206-1	20130139	20277564	20141238	20182980	0.41	cps
Lead	207-1	17245056	17470432	17365790	17360426	0.65	cps
Lead	208-1	79791131	80412745	80164666	80122847	0.39	cps
Lithium	6-1	3226725	3233785	3215646	3225385	0.28	cps
Magnesium	24-2	137746156	137169495	142262442	139059364	2.01	cps
Manganese	55-2	20068685	20339888	20201617	20203397	0.67	cps
Molybdenum	94-1	20214608	20440405	20312997	20322670	0.56	cps
Molybdenum	95-1	28709181	28941057	28668843	28773027	0.51	cps
Molybdenum	96-1	31888448	31938230	31801036	31875905	0.22	cps
Molybdenum	97-1	17970976	17948525	17838890	17919464	0.39	cps
Molybdenum	98-1	46025254	45848044	45804975	45892758	0.25	cps
Neodymium	150-1	467	420	433	440	5.46	cps
Neodymium	150-2	130	173	97	133	28.83	cps
Nickel	60-2	1049911	1057760	1064791	1057488	0.70	cps
Phosphorus	31-2	149072	148929	151722	149907	1.05	cps
Potassium	39-2	70905768	71720968	71672977	71433238	0.64	cps
Rhodium	103-1	9431893	9596167	9525303	9517788	0.87	cps
Rhodium	103-2	5793219	5927578	5960212	5893670	1.50	cps
Scandium	45-1	8042887	7923950	7879371	7948736	1.06	cps
Scandium	45-2	613214	609853	624257	615774	1.22	cps
Selenium	82-1	100172	100243	101420	100612	0.70	cps
Selenium	77-2	9306	9136	9573	9339	2.36	cps
Selenium	78-2	30637	31004	31606	31082	1.57	cps
Silicon	28-1	37869600	38326825	38648457	38281627	1.02	cps
Silver	107-1	6994076	7041763	7098214	7044684	0.74	cps
Silver	109-1	6700567	6648533	6696181	6681760	0.43	cps
Sodium	23-2	231132061	233840277	229508155	231493498	0.95	cps
Strontium	86-1	1947335	1965831	1930518	1947894	0.91	cps
Strontium	88-1	16658684	16868861	16760898	16762814	0.63	cps
Sulfur	34-1	1175109	1178308	1181058	1178158	0.25	cps
Terbium	159-1	13084133	12796638	12876572	12919114	1.15	cps
Terbium	159-2	8661868	8797081	8880770	8779906	1.26	cps
Thallium	203-1	4897396	4911567	4956950	4921971	0.63	cps
Thallium	205-1	11617262	11663531	11645845	11642213	0.20	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	CCV60	Instrumnet Name :	P7
Client Sample ID :	CCV60	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:33:51	DataFile Name :	052CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	17184013	17292822	17219001	17231945	0.32	cps
Tin	118-1	4402914	4460442	4395576	4419644	0.80	cps
Titanium	47-1	8762359	8815242	8769307	8782303	0.33	cps
Uranium	238-1	15456678	15693250	15727327	15625752	0.94	cps
Vanadium	51-2	2383016	2363221	2427734	2391324	1.38	cps
Yttrium	89-1	16575890	16702442	16550377	16609570	0.49	cps
Yttrium	89-2	3990273	3978275	4084678	4017742	1.45	cps
Zinc	66-2	4910142	4883355	4888947	4894148	0.29	cps
Zirconium	90-1	10383252	10424925	10494298	10434158	0.54	cps
Zirconium	91-1	2356161	2326073	2344354	2342196	0.65	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	CCB60	Instrumnet Name :	P7
Client Sample ID :	CCB60	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:39:53	DataFile Name :	053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	272	328	367	322	14.73	cps
Antimony	121-1	1492	1542	1508	1514	1.68	cps
Arsenic	75-2	28	26	20	25	15.62	cps
Barium	135-1	200	150	133	161	21.53	cps
Barium	137-1	192	233	225	217	10.18	cps
Beryllium	9-1	63	93	90	82	20.00	cps
Bismuth	209-1	8160614	8163174	8081258	8135015	0.57	cps
Bismuth	209-2	6901176	6848958	6752349	6834161	1.10	cps
Boron	10-1	4084	4142	3576	3934	7.93	cps
Boron	11-1	19780	18895	18353	19009	3.79	cps
Bromine	81-1	13223	12648	12614	12828	2.67	cps
Bromine	81-2	90	70	70	77	15.06	cps
Cadmium	111-1	4280	3998	4264	4181	3.78	cps
Cadmium	106-1	6043	5660	5985	5896	3.50	cps
Cadmium	108-1	54	67	54	58	12.37	cps
Calcium	43-1	300	200	300	267	21.65	cps
Calcium	44-1	23318	23335	22918	23190	1.02	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2210	2450	2364	2341	5.19	cps
Cobalt	59-2	227	230	213	223	3.95	cps
Copper	63-2	1317	1417	1223	1319	7.33	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	3	23	20	16	68.90	cps
Erbium	164-1	92	117	83	97	17.84	cps
Erbium	164-2	60	73	80	71	14.32	cps
Gadolinium	160-1	58	92	50	67	33.08	cps
Gadolinium	160-2	223	217	223	221	1.74	cps
Holmium	165-1	12590006	12760181	12490611	12613599	1.08	cps
Holmium	165-2	9190882	9040589	8904460	9045311	1.58	cps
Indium	115-1	11000296	11008359	10825378	10944678	0.94	cps
Indium	115-2	3827145	3843587	3764741	3811824	1.09	cps
Iron	56-2	21682	21104	21427	21404	1.35	cps
Iron	57-2	794	778	661	744	9.76	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	CCB60	Instrumnet Name :	P7
Client Sample ID :	CCB60	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:39:53	DataFile Name :	053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2012	1822	1852	1895	5.40	cps
Krypton	83-1	5128	5241	5334	5234	1.98	cps
Lead	206-1	1533	1517	1461	1504	2.51	cps
Lead	207-1	1383	1339	1233	1319	5.84	cps
Lead	208-1	6017	6228	5906	6051	2.71	cps
Lithium	6-1	3382924	3373624	3390338	3382295	0.25	cps
Magnesium	24-2	1967	1839	1745	1850	6.03	cps
Manganese	55-2	643	530	577	583	9.76	cps
Molybdenum	94-1	900	825	875	867	4.41	cps
Molybdenum	95-1	758	800	717	758	5.49	cps
Molybdenum	96-1	1008	1108	775	964	17.75	cps
Molybdenum	97-1	592	550	458	533	12.79	cps
Molybdenum	98-1	1267	1192	967	1142	13.68	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	220	267	253	247	9.75	cps
Phosphorus	31-2	317	417	208	314	33.19	cps
Potassium	39-2	72523	71334	71669	71842	0.85	cps
Rhodium	103-1	10738540	10664079	10750594	10717737	0.44	cps
Rhodium	103-2	6660450	6745824	6584182	6663486	1.21	cps
Scandium	45-1	8139850	8135183	8269872	8181635	0.93	cps
Scandium	45-2	645185	641698	633902	640262	0.90	cps
Selenium	82-1	-11	-70	-169	-83	-96.34	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	304	281	298	294	3.93	cps
Silicon	28-1	810763	816882	803478	810375	0.83	cps
Silver	107-1	575	617	533	575	7.25	cps
Silver	109-1	450	492	600	514	15.07	cps
Sodium	23-2	50878	49178	47122	49060	3.83	cps
Strontium	86-1	8820	7977	8069	8289	5.57	cps
Strontium	88-1	567	725	708	667	13.05	cps
Sulfur	34-1	416545	416722	417958	417075	0.18	cps
Terbium	159-1	13139956	13174112	13068435	13127501	0.41	cps
Terbium	159-2	9047660	9217235	9101193	9122029	0.95	cps
Thallium	203-1	1050	1192	1008	1083	8.87	cps
Thallium	205-1	2684	2592	2525	2600	3.06	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	CCB60	Instrumnet Name :	P7
Client Sample ID :	CCB60	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:39:53	DataFile Name :	053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	344	267	361	324	15.56	cps
Tin	118-1	783	825	767	792	3.79	cps
Titanium	47-1	275	333	317	308	9.75	cps
Uranium	238-1	242	200	317	253	23.39	cps
Vanadium	51-2	67	117	90	91	27.46	cps
Yttrium	89-1	17143101	17223862	17065797	17144253	0.46	cps
Yttrium	89-2	4266608	4210676	4145778	4207687	1.44	cps
Zinc	66-2	597	640	573	603	5.61	cps
Zirconium	90-1	1550	1183	1292	1342	14.04	cps
Zirconium	91-1	350	292	317	319	9.16	cps

LB Number : LB121155 Operator : Jaswal
 Lab Sample ID : PB146320BL Instrumnet Name : P7
 Client Sample ID : PB146320BL Dilution Factor : 1
 Date & Time Acquired : 2022-05-06 15:42:47 DataFile Name : 054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	194	172	250	206	19.49	cps
Antimony	121-1	583	658	775	672	14.37	cps
Arsenic	75-2	24	26	24	25	4.35	cps
Barium	135-1	133	92	100	108	20.35	cps
Barium	137-1	167	92	183	147	33.17	cps
Beryllium	9-1	97	103	120	107	11.27	cps
Bismuth	209-1	8266339	8231229	8224840	8240803	0.27	cps
Bismuth	209-2	6862466	6751704	6942758	6852309	1.40	cps
Boron	10-1	2925	2675	2509	2703	7.76	cps
Boron	11-1	12914	12647	13214	12925	2.20	cps
Bromine	81-1	12806	13723	13657	13395	3.82	cps
Bromine	81-2	40	30	60	43	35.25	cps
Cadmium	111-1	4466	4479	4325	4423	1.92	cps
Cadmium	106-1	6352	6327	6135	6271	1.89	cps
Cadmium	108-1	38	42	33	38	11.12	cps
Calcium	43-1	267	233	150	217	27.73	cps
Calcium	44-1	24646	24863	25188	24899	1.10	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2227	2660	2310	2399	9.59	cps
Cobalt	59-2	173	243	190	202	18.08	cps
Copper	63-2	1190	1197	1223	1203	1.47	cps
Dysprosium	156-1	33	25	8	22	57.29	cps
Dysprosium	156-2	13	7	7	9	43.25	cps
Erbium	164-1	67	75	100	81	21.53	cps
Erbium	164-2	73	43	80	66	29.80	cps
Gadolinium	160-1	50	58	83	64	27.16	cps
Gadolinium	160-2	190	243	183	206	16.00	cps
Holmium	165-1	12847280	12894461	12921416	12887719	0.29	cps
Holmium	165-2	9071567	9042991	9196906	9103821	0.90	cps
Indium	115-1	11087530	11044181	11002176	11044629	0.39	cps
Indium	115-2	3813810	3840007	3846869	3833562	0.46	cps
Iron	56-2	18367	19246	18284	18632	2.86	cps
Iron	57-2	561	544	583	563	3.47	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB146320BL	Instrumnet Name :	P7
Client Sample ID :	PB146320BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:42:47	DataFile Name :	054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1892	1852	1622	1789	8.16	cps
Krypton	83-1	5291	5354	5404	5350	1.06	cps
Lead	206-1	1445	1539	1250	1411	10.44	cps
Lead	207-1	1078	1222	1117	1139	6.56	cps
Lead	208-1	5462	5684	5206	5451	4.39	cps
Lithium	6-1	3327972	3460376	3336318	3374889	2.20	cps
Magnesium	24-2	1356	1161	1339	1285	8.39	cps
Manganese	55-2	633	640	637	637	0.52	cps
Molybdenum	94-1	975	650	608	744	26.97	cps
Molybdenum	95-1	508	542	442	497	10.24	cps
Molybdenum	96-1	817	633	508	653	23.76	cps
Molybdenum	97-1	250	283	275	269	6.44	cps
Molybdenum	98-1	925	633	825	794	18.66	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	263	270	230	254	8.42	cps
Phosphorus	31-2	292	350	300	314	10.05	cps
Potassium	39-2	72038	72104	72322	72154	0.21	cps
Rhodium	103-1	10821072	10895971	10742347	10819797	0.71	cps
Rhodium	103-2	6729139	6678469	6692751	6700120	0.39	cps
Scandium	45-1	8305888	8227297	8174576	8235920	0.80	cps
Scandium	45-2	644338	643420	645200	644319	0.14	cps
Selenium	82-1	-177	-115	-300	-197	-47.70	cps
Selenium	77-2	10	0	0	3	173.21	cps
Selenium	78-2	311	311	283	302	5.31	cps
Silicon	28-1	810617	817808	812294	813573	0.46	cps
Silver	107-1	333	358	283	325	11.75	cps
Silver	109-1	383	408	258	350	22.96	cps
Sodium	23-2	48867	47545	46097	47503	2.92	cps
Strontium	86-1	8428	8469	8119	8339	2.29	cps
Strontium	88-1	617	508	567	564	9.62	cps
Sulfur	34-1	424983	420328	422771	422694	0.55	cps
Terbium	159-1	13233447	13403004	13296088	13310846	0.64	cps
Terbium	159-2	9123425	9168940	9234848	9175738	0.61	cps
Thallium	203-1	975	875	875	908	6.36	cps
Thallium	205-1	2517	2500	2117	2378	9.52	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB146320BL	Instrumnet Name :	P7
Client Sample ID :	PB146320BL	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:42:47	DataFile Name :	054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	239	206	250	231	9.99	cps
Tin	118-1	692	642	750	694	7.81	cps
Titanium	47-1	267	192	208	222	17.72	cps
Uranium	238-1	167	167	200	178	10.83	cps
Vanadium	51-2	77	97	113	96	19.21	cps
Yttrium	89-1	17644681	17429266	17416763	17496904	0.73	cps
Yttrium	89-2	4260984	4219724	4210350	4230353	0.64	cps
Zinc	66-2	573	557	623	584	5.94	cps
Zirconium	90-1	1217	1075	1275	1189	8.65	cps
Zirconium	91-1	225	308	183	239	26.64	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB146320BS	Instrumnet Name :	P7
Client Sample ID :	PB146320BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:45:41	DataFile Name :	055DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3053513	3061326	3048699	3054513	0.21	cps
Antimony	121-1	5358983	5481190	5450208	5430127	1.17	cps
Arsenic	75-2	325155	322146	322349	323217	0.52	cps
Barium	135-1	6449138	6571641	6598805	6539861	1.22	cps
Barium	137-1	11138421	11397888	11322928	11286412	1.18	cps
Beryllium	9-1	1259524	1247005	1254011	1253513	0.50	cps
Bismuth	209-1	7892493	7972224	8210417	8025045	2.06	cps
Bismuth	209-2	6666271	6561420	6545124	6590938	1.00	cps
Boron	10-1	253652	278568	283050	271757	5.83	cps
Boron	11-1	1273099	1352802	1384129	1336676	4.28	cps
Bromine	81-1	13139	12089	12731	12653	4.19	cps
Bromine	81-2	30	10	40	27	57.28	cps
Cadmium	111-1	1473814	1480763	1480459	1478345	0.27	cps
Cadmium	106-1	167190	168891	169705	168595	0.76	cps
Cadmium	108-1	116249	117731	117459	117146	0.67	cps
Calcium	43-1	1962614	1984498	2009775	1985629	1.19	cps
Calcium	44-1	31102329	31076202	31110192	31096241	0.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2952504	2912091	2912424	2925673	0.79	cps
Cobalt	59-2	4498708	4471260	4483980	4484649	0.31	cps
Copper	63-2	31883047	31815631	31378530	31692403	0.86	cps
Dysprosium	156-1	358	267	342	322	15.15	cps
Dysprosium	156-2	287	363	390	347	15.48	cps
Erbium	164-1	208	117	150	158	29.30	cps
Erbium	164-2	83	117	60	87	32.86	cps
Gadolinium	160-1	300	300	383	328	14.68	cps
Gadolinium	160-2	407	407	347	387	8.96	cps
Holmium	165-1	12539203	12706500	13198134	12814612	2.67	cps
Holmium	165-2	9154300	9054410	9015503	9074738	0.79	cps
Indium	115-1	10669998	10572803	10994155	10745652	2.05	cps
Indium	115-2	3626925	3680001	3678529	3661818	0.83	cps
Iron	56-2	132605495	131807595	131975870	132129653	0.32	cps
Iron	57-2	3317271	3254804	3256663	3276246	1.08	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB146320BS	Instrumnet Name :	P7
Client Sample ID :	PB146320BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:45:41	DataFile Name :	055DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	7447167	7380132	7397508	7408269	0.47	cps
Krypton	83-1	5424	5338	5114	5292	3.02	cps
Lead	206-1	21380757	21631678	21704199	21572212	0.79	cps
Lead	207-1	18657909	18439718	18685998	18594542	0.73	cps
Lead	208-1	85600594	85648304	86352350	85867082	0.49	cps
Lithium	6-1	3295208	3345971	3442172	3361117	2.22	cps
Magnesium	24-2	29373023	29338467	29499446	29403645	0.29	cps
Manganese	55-2	21331129	21215547	21432147	21326274	0.51	cps
Molybdenum	94-1	21053360	21083632	21210059	21115684	0.39	cps
Molybdenum	95-1	29654100	29763619	29677520	29698413	0.19	cps
Molybdenum	96-1	32900854	33185022	32782182	32956019	0.63	cps
Molybdenum	97-1	18626335	18661975	18476662	18588324	0.53	cps
Molybdenum	98-1	47407841	47758764	47541480	47569361	0.37	cps
Neodymium	150-1	407	473	387	422	10.75	cps
Neodymium	150-2	60	77	100	79	25.47	cps
Nickel	60-2	1103384	1098516	1092680	1098193	0.49	cps
Phosphorus	31-2	155973	154028	155417	155139	0.65	cps
Potassium	39-2	14997157	14717018	14727585	14813920	1.07	cps
Rhodium	103-1	10142747	10250947	10485365	10293020	1.70	cps
Rhodium	103-2	6404048	6410697	6452156	6422300	0.41	cps
Scandium	45-1	7973588	7991862	8406578	8124009	3.01	cps
Scandium	45-2	638296	632915	636143	635785	0.43	cps
Selenium	82-1	111045	111672	111966	111561	0.42	cps
Selenium	77-2	10207	9943	9953	10035	1.49	cps
Selenium	78-2	34516	33989	34483	34329	0.86	cps
Silicon	28-1	33900335	34719752	34455838	34358642	1.22	cps
Silver	107-1	7294843	7441933	7450534	7395770	1.18	cps
Silver	109-1	7062583	7070282	7034045	7055637	0.27	cps
Sodium	23-2	48701423	48751052	48719246	48723907	0.05	cps
Strontium	86-1	2032604	2068178	2046786	2049190	0.87	cps
Strontium	88-1	17334567	17634767	17723451	17564262	1.16	cps
Sulfur	34-1	1265057	1239661	1242451	1249056	1.11	cps
Terbium	159-1	12826099	13173661	13689597	13229786	3.28	cps
Terbium	159-2	9139686	9115895	9032788	9096123	0.62	cps
Thallium	203-1	5199000	5329305	5265854	5264720	1.24	cps
Thallium	205-1	12265569	12380457	12432856	12359627	0.69	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	PB146320BS	Instrumnet Name :	P7
Client Sample ID :	PB146320BS	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:45:41	DataFile Name :	055DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	17452127	17533058	17817554	17600913	1.09	cps
Tin	118-1	4631410	4663114	4700340	4664955	0.74	cps
Titanium	47-1	9186861	9288762	9205851	9227158	0.59	cps
Uranium	238-1	15830367	16066250	15806130	15900915	0.90	cps
Vanadium	51-2	2500496	2502356	2466298	2489717	0.82	cps
Yttrium	89-1	16779306	17209679	17764550	17251178	2.86	cps
Yttrium	89-2	4160939	4117641	4136828	4138469	0.52	cps
Zinc	66-2	5295580	5369454	5310118	5325051	0.73	cps
Zirconium	90-1	10684006	10859960	10831787	10791918	0.88	cps
Zirconium	91-1	2385584	2405463	2413805	2401617	0.60	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	CCV61	Instrumnet Name :	P7
Client Sample ID :	CCV61	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:55:22	DataFile Name :	056CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14826095	14832451	14848504	14835683	0.08	cps
Antimony	121-1	5358427	5442225	5427998	5409550	0.83	cps
Arsenic	75-2	303250	303431	304390	303690	0.20	cps
Barium	135-1	6291016	6246395	6335473	6290961	0.71	cps
Barium	137-1	10752150	10656341	10776738	10728410	0.59	cps
Beryllium	9-1	1163965	1201587	1187641	1184398	1.61	cps
Bismuth	209-1	7254106	7490072	7324284	7356154	1.65	cps
Bismuth	209-2	6111756	6135565	6097084	6114801	0.32	cps
Boron	10-1	286917	294901	296364	292727	1.74	cps
Boron	11-1	1382747	1411171	1437552	1410490	1.94	cps
Bromine	81-1	12714	11613	12572	12300	4.87	cps
Bromine	81-2	90	100	90	93	6.19	cps
Cadmium	111-1	1408664	1412745	1406864	1409425	0.21	cps
Cadmium	106-1	160162	159226	158627	159338	0.49	cps
Cadmium	108-1	110950	112537	112575	112021	0.83	cps
Calcium	43-1	9541790	9441070	9443983	9475614	0.61	cps
Calcium	44-1	149779091	148274557	148908470	148987373	0.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2805473	2827662	2816431	2816522	0.39	cps
Cobalt	59-2	4241155	4242126	4194404	4225895	0.65	cps
Copper	63-2	31094450	30657163	30865586	30872400	0.71	cps
Dysprosium	156-1	967	725	833	842	14.38	cps
Dysprosium	156-2	603	590	533	576	6.46	cps
Erbium	164-1	217	183	233	211	12.06	cps
Erbium	164-2	117	120	123	120	2.78	cps
Gadolinium	160-1	592	708	667	656	9.02	cps
Gadolinium	160-2	667	620	627	638	3.96	cps
Holmium	165-1	12441848	12461464	12216962	12373425	1.10	cps
Holmium	165-2	8980541	8874684	9025911	8960379	0.87	cps
Indium	115-1	10105567	9939374	10030594	10025178	0.83	cps
Indium	115-2	3591956	3598028	3565427	3585137	0.48	cps
Iron	56-2	623054881	616577969	625070214	621567688	0.71	cps
Iron	57-2	15309791	15604281	15509133	15474402	0.97	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	CCV61	Instrumnet Name :	P7
Client Sample ID :	CCV61	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:55:22	DataFile Name :	056CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	33761833	34098164	34183945	34014648	0.66	cps
Krypton	83-1	4948	5054	4827	4943	2.30	cps
Lead	206-1	20028837	19986807	19791316	19935653	0.64	cps
Lead	207-1	17141430	17305052	17058474	17168319	0.73	cps
Lead	208-1	79590742	80288068	79146027	79674946	0.72	cps
Lithium	6-1	3188776	3224528	3198461	3203922	0.58	cps
Magnesium	24-2	143376787	139272553	141263967	141304436	1.45	cps
Manganese	55-2	20267828	20304013	20275937	20282593	0.09	cps
Molybdenum	94-1	20179465	20279011	20385503	20281326	0.51	cps
Molybdenum	95-1	28515838	28567200	28438486	28507174	0.23	cps
Molybdenum	96-1	31361426	31738953	31336226	31478868	0.72	cps
Molybdenum	97-1	17721285	17958385	17720186	17799952	0.77	cps
Molybdenum	98-1	45394621	46326779	45880559	45867320	1.02	cps
Neodymium	150-1	333	447	387	389	14.58	cps
Neodymium	150-2	77	87	103	89	15.15	cps
Nickel	60-2	1074909	1064924	1073942	1071258	0.51	cps
Phosphorus	31-2	151234	153498	150098	151610	1.14	cps
Potassium	39-2	70850489	72263179	71765772	71626480	1.00	cps
Rhodium	103-1	9495582	9482388	9419121	9465697	0.43	cps
Rhodium	103-2	5966651	5991582	6023304	5993846	0.47	cps
Scandium	45-1	7917896	7798020	7722106	7812674	1.26	cps
Scandium	45-2	622195	627317	622793	624102	0.45	cps
Selenium	82-1	100238	100639	100404	100427	0.20	cps
Selenium	77-2	9300	9220	9476	9332	1.41	cps
Selenium	78-2	31127	31710	31476	31438	0.93	cps
Silicon	28-1	38805494	38456759	38318212	38526822	0.65	cps
Silver	107-1	7055735	6931799	6992914	6993483	0.89	cps
Silver	109-1	6714872	6661018	6576879	6650923	1.05	cps
Sodium	23-2	233172216	234914455	234192500	234093057	0.37	cps
Strontium	86-1	1947264	1950175	1951715	1949718	0.12	cps
Strontium	88-1	16760386	16875618	16681449	16772485	0.58	cps
Sulfur	34-1	1199908	1171039	1163398	1178115	1.63	cps
Terbium	159-1	12864555	12796356	12785635	12815515	0.33	cps
Terbium	159-2	8966674	8971632	8912109	8950138	0.37	cps
Thallium	203-1	4959083	4913084	4869773	4913980	0.91	cps
Thallium	205-1	11572809	11533123	11356466	11487466	1.00	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	CCV61	Instrumnet Name :	P7
Client Sample ID :	CCV61	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 15:55:22	DataFile Name :	056CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	16892199	17119338	17265401	17092313	1.10	cps
Tin	118-1	4403669	4421275	4481555	4435499	0.92	cps
Titanium	47-1	8774163	8660304	8765959	8733475	0.73	cps
Uranium	238-1	15438638	15508087	15587032	15511252	0.48	cps
Vanadium	51-2	2455822	2426723	2432921	2438488	0.63	cps
Yttrium	89-1	16359366	16351509	16436442	16382439	0.29	cps
Yttrium	89-2	4054813	4066860	4143805	4088493	1.18	cps
Zinc	66-2	4966227	4918727	4887605	4924186	0.80	cps
Zirconium	90-1	10417439	10464162	10350441	10410681	0.55	cps
Zirconium	91-1	2360561	2304880	2327244	2330895	1.20	cps

LB Number : LB121155 Operator : Jaswal
 Lab Sample ID : CCB61 Instrumnet Name : P7
 Client Sample ID : CCB61 Dilution Factor : 1
 Date & Time Acquired : 2022-05-06 16:01:26 DataFile Name : 057CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	344	294	372	337	11.69	cps
Antimony	121-1	1375	1392	1700	1489	12.29	cps
Arsenic	75-2	26	28	31	28	9.95	cps
Barium	135-1	158	150	283	197	37.88	cps
Barium	137-1	250	325	450	342	29.58	cps
Beryllium	9-1	53	80	113	82	36.56	cps
Bismuth	209-1	8174870	8151332	8213497	8179900	0.38	cps
Bismuth	209-2	6817491	6714888	6846524	6792967	1.02	cps
Boron	10-1	3967	3367	3517	3617	8.63	cps
Boron	11-1	17202	16543	16709	16818	2.04	cps
Bromine	81-1	13056	13089	12823	12989	1.12	cps
Bromine	81-2	80	50	90	73	28.39	cps
Cadmium	111-1	3987	4612	4338	4312	7.26	cps
Cadmium	106-1	5568	6502	6051	6040	7.73	cps
Cadmium	108-1	50	50	33	44	21.66	cps
Calcium	43-1	317	342	467	375	21.43	cps
Calcium	44-1	24354	24529	24104	24329	0.88	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2507	2330	2474	2437	3.85	cps
Cobalt	59-2	233	240	217	230	5.22	cps
Copper	63-2	1497	1233	1597	1442	13.01	cps
Dysprosium	156-1	17	42	17	25	57.73	cps
Dysprosium	156-2	13	13	13	13	0.00	cps
Erbium	164-1	33	100	67	67	50.00	cps
Erbium	164-2	37	53	67	52	28.78	cps
Gadolinium	160-1	58	67	75	67	12.50	cps
Gadolinium	160-2	177	227	177	193	14.93	cps
Holmium	165-1	12629046	12690124	12658137	12659103	0.24	cps
Holmium	165-2	8943902	9097416	9161849	9067722	1.23	cps
Indium	115-1	10725596	10991901	11020854	10912784	1.49	cps
Indium	115-2	3776836	3877636	3876920	3843797	1.51	cps
Iron	56-2	23157	22645	22484	22762	1.54	cps
Iron	57-2	706	628	744	693	8.58	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	CCB61	Instrumnet Name :	P7
Client Sample ID :	CCB61	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 16:01:26	DataFile Name :	057CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2122	1972	2343	2146	8.68	cps
Krypton	83-1	5171	5201	5168	5180	0.35	cps
Lead	206-1	1672	1589	1750	1671	4.82	cps
Lead	207-1	1417	1383	1561	1454	6.50	cps
Lead	208-1	6523	6417	7068	6669	5.23	cps
Lithium	6-1	3376978	3344161	3453133	3391424	1.65	cps
Magnesium	24-2	2211	2028	2167	2135	4.48	cps
Manganese	55-2	793	707	667	722	8.97	cps
Molybdenum	94-1	1092	983	892	989	10.12	cps
Molybdenum	95-1	1142	792	792	908	22.25	cps
Molybdenum	96-1	1217	1067	950	1078	12.40	cps
Molybdenum	97-1	608	575	625	603	4.22	cps
Molybdenum	98-1	1458	1350	1842	1550	16.68	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	277	177	253	236	22.21	cps
Phosphorus	31-2	342	350	275	322	12.76	cps
Potassium	39-2	73008	72037	70706	71917	1.61	cps
Rhodium	103-1	10471715	10767752	10622111	10620526	1.39	cps
Rhodium	103-2	6651625	6789950	6794652	6745409	1.20	cps
Scandium	45-1	8211055	8074811	8049011	8111625	1.07	cps
Scandium	45-2	643979	635125	640401	639835	0.70	cps
Selenium	82-1	70	42	48	53	27.16	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	289	291	315	298	4.85	cps
Silicon	28-1	809146	806672	807486	807768	0.16	cps
Silver	107-1	725	450	875	683	31.54	cps
Silver	109-1	583	492	700	592	17.66	cps
Sodium	23-2	50014	49836	49390	49747	0.65	cps
Strontium	86-1	8444	8219	8227	8297	1.54	cps
Strontium	88-1	875	850	975	900	7.35	cps
Sulfur	34-1	409254	411496	409484	410078	0.30	cps
Terbium	159-1	12969781	12979394	13158414	13035863	0.81	cps
Terbium	159-2	9052035	9070361	9076088	9066161	0.14	cps
Thallium	203-1	1092	975	1058	1042	5.77	cps
Thallium	205-1	2392	2575	2634	2534	4.98	cps

LB Number :	LB121155	Operator :	Jaswal
Lab Sample ID :	CCB61	Instrumnet Name :	P7
Client Sample ID :	CCB61	Dilution Factor :	1
Date & Time Acquired :	2022-05-06 16:01:26	DataFile Name :	057CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	383	406	572	454	22.76	cps
Tin	118-1	717	825	925	822	12.67	cps
Titanium	47-1	350	267	325	314	13.62	cps
Uranium	238-1	317	350	550	406	31.12	cps
Vanadium	51-2	100	113	53	89	35.45	cps
Yttrium	89-1	17087219	17453622	17106243	17215694	1.20	cps
Yttrium	89-2	4169611	4236384	4261180	4222392	1.12	cps
Zinc	66-2	617	660	627	634	3.58	cps
Zirconium	90-1	1208	1383	1442	1345	9.03	cps
Zirconium	91-1	442	258	208	303	40.57	cps