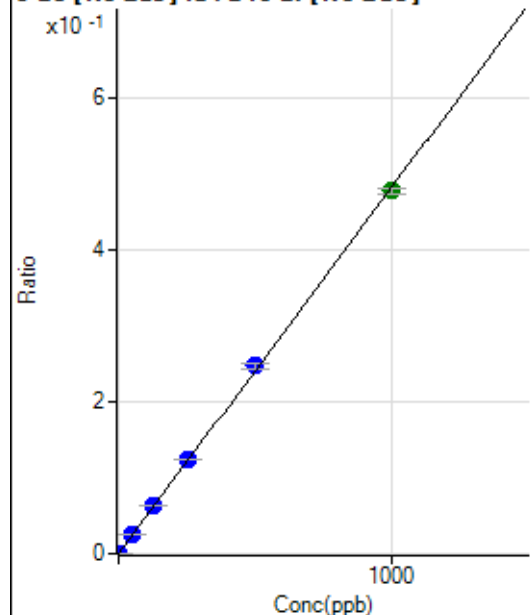


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7061822MS.b\
Analysis File: P7061822MS.batch.bin
DA Date-Time: 2022-06-18 21:57:07
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2022-06-18 16:47:26
2	004CALS.d	S02	2022-06-18 16:50:21
3	005CALS.d	S03	2022-06-18 16:53:17
4	006CALS.d	S04	2022-06-18 16:56:04
5	007CALS.d	S05	2022-06-18 16:58:48
6	008CALS.d	S06	2022-06-18 17:01:35
7	009CALS.d	S07	2022-06-18 17:04:20
8	010CALS.d	S08	2022-06-18 17:07:08

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	21.5
2	☐	1.000	1.071	1927.92	0.0005	P	2.8
3	☐	50.000	53.177	94014.96	0.0256	P	2.5
4	☐	125.000	131.877	234057.22	0.0635	P	1.9
5	☐	250.000	255.551	451023.26	0.1230	P	0.4
6	☐	500.000	512.915	881078.38	0.2468	P	2.6
7	☐	1000.000	991.136	1641534.11	0.4769	A	1.8
8	☐			2885.85	0.0009	P	3.5

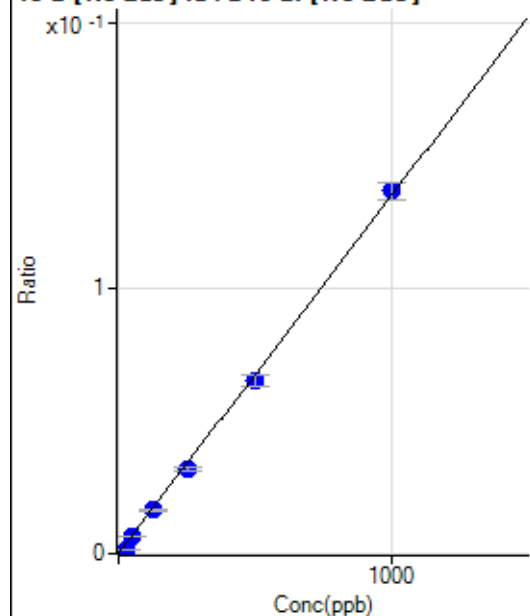
$$y = 4.8114\text{E-}004 * x + 6.1226\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.008193$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	580.58	0.0002	P	14.1
2	☐	25.000	11.242	6201.37	0.0017	P	0.5
3	☐	50.000	47.648	24205.54	0.0066	P	6.1
4	☐	125.000	120.458	60538.29	0.0164	P	4.4
5	☐	250.000	234.228	116521.99	0.0318	P	3.6
6	☐	500.000	483.511	233392.58	0.0654	P	6.6
7	☐	1000.000	1013.217	471160.92	0.1369	P	4.8
8	☐			19287.46	0.0061	P	9.0

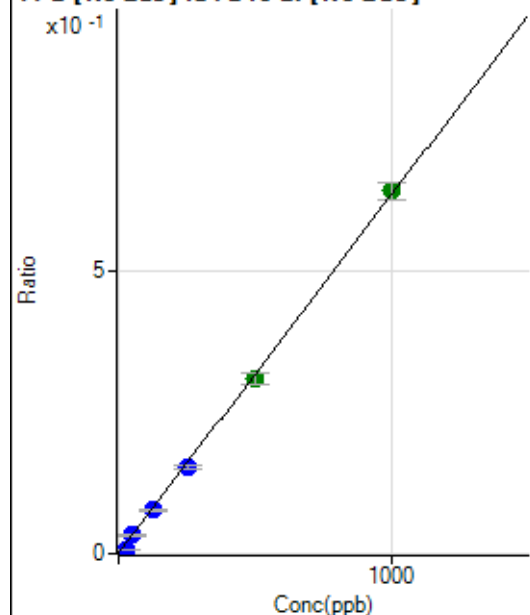
$$y = 1.3494\text{E-}004 * x + 1.6017\text{E-}004$$

$$R = 0.9997$$

$$DL = 0.5016$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2864.23	0.0008	P	7.2
2	☐	25.000	11.448	29815.33	0.0081	P	2.7
3	☐	50.000	50.124	119850.63	0.0326	P	7.1
4	☐	125.000	121.356	287206.38	0.0779	P	4.8
5	☐	250.000	239.677	561358.40	0.1530	P	3.9
6	☐	500.000	485.767	1103989.40	0.3094	A	6.3
7	☐	1000.000	1010.485	2212431.58	0.6427	A	4.8
8	☐			93071.88	0.0292	P	9.8

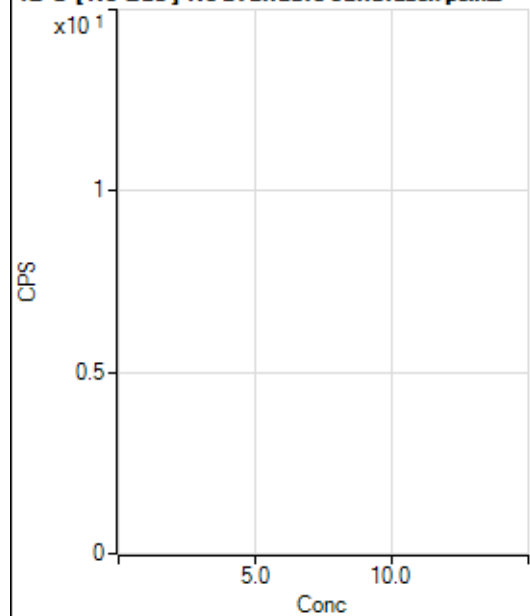
$$y = 6.3526E-004 * x + 7.9093E-004$$

$$R = 0.9998$$

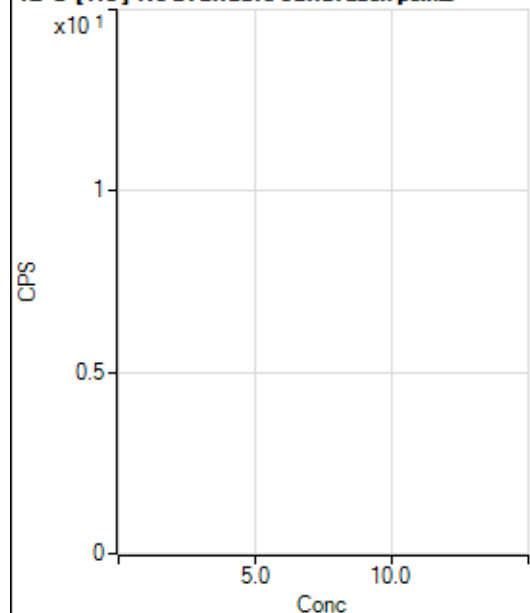
$$DL = 0.2707$$

Weight: <None>

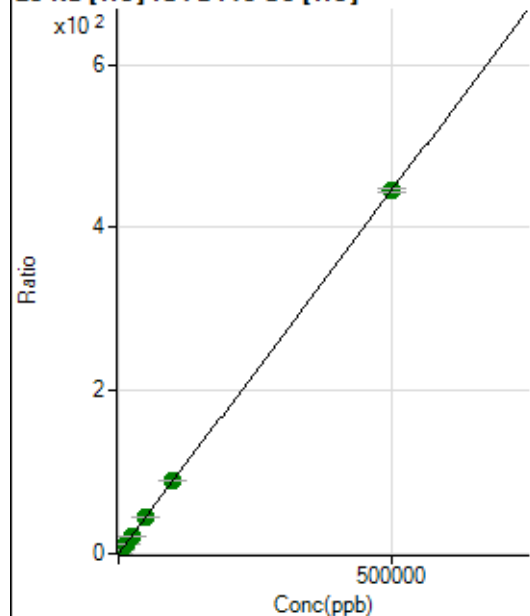
Min Conc: 0

12 C [No Gas] No available calibration points

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

12 C [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	20089.20	0.0270	P	2.9
2	☐	500.000	483.242	338134.59	0.4575	P	0.5
3	☐	5000.000	5164.222	3366297.07	4.6279	A	0.6
4	☐	12500.000	12662.120	7996649.83	11.3080	A	0.8
5	☐	25000.000	25018.833	15622181.37	22.3168	A	0.2
6	☐	50000.000	50402.652	29037727.96	44.9319	A	0.9
7	☐	100000.00	101506.58	54903709.56	90.4616	A	0.2
8	☐	500000.00	499651.79	290493630.5	445.1785	A	1.2

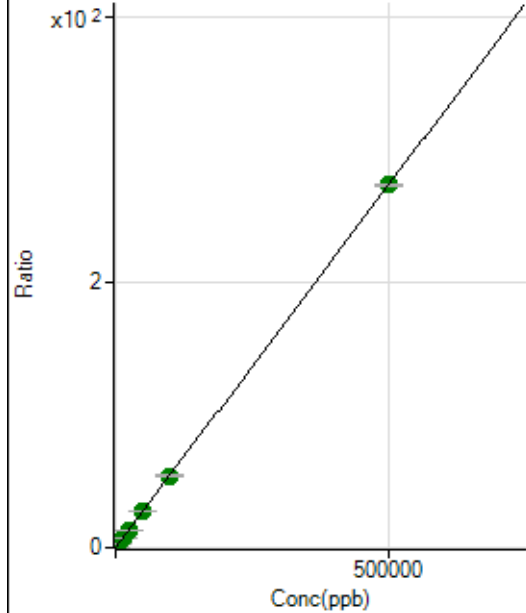
$$y = 8.9092E-004 * x + 0.0270$$

$$R = 1.0000$$

$$DL = 2.621$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	564.83	0.0008	P	4.9
2	☐	500.000	499.990	202304.72	0.2737	P	0.3
3	☐	5000.000	5090.513	2022088.81	2.7799	A	0.9
4	☐	12500.000	12481.400	4819380.03	6.8150	A	0.7
5	☐	25000.000	24882.109	9509996.97	13.5852	A	0.8
6	☐	50000.000	49830.952	17582206.30	27.2060	A	0.4
7	☐	100000.00	99217.441	32876560.92	54.1686	A	0.5
8	☐	500000.00	500178.87	178194374.3	273.0737	A	0.5

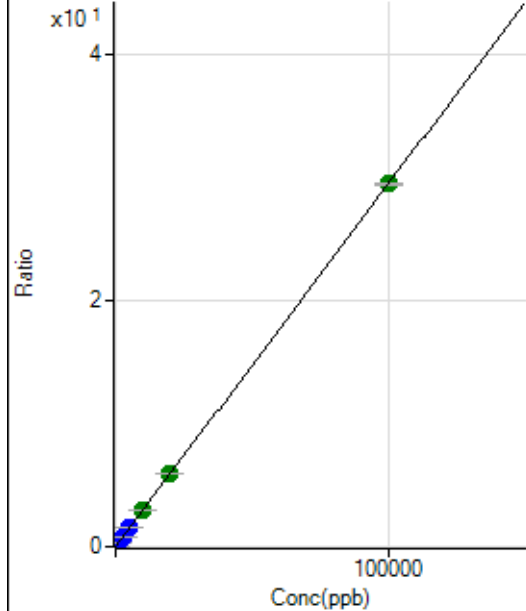
$$y = 5.4595E-004 * x + 7.5859E-004$$

$$R = 1.0000$$

$$DL = 0.2026$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	305.57	0.0004	P	27.3
2	☐	20.000	19.813	4619.30	0.0063	P	1.9
3	☐	1000.000	1040.061	223290.06	0.3070	P	0.4
4	☐	2500.000	2552.798	532412.38	0.7529	P	0.8
5	☐	5000.000	5048.311	1041937.07	1.4884	P	0.3
6	☐	10000.000	10217.258	1946521.18	3.0120	A	0.6
7	☐	20000.000	20155.937	3606096.93	5.9415	A	0.3
8	☐	100000.00	99942.951	19223554.37	29.4594	A	0.6

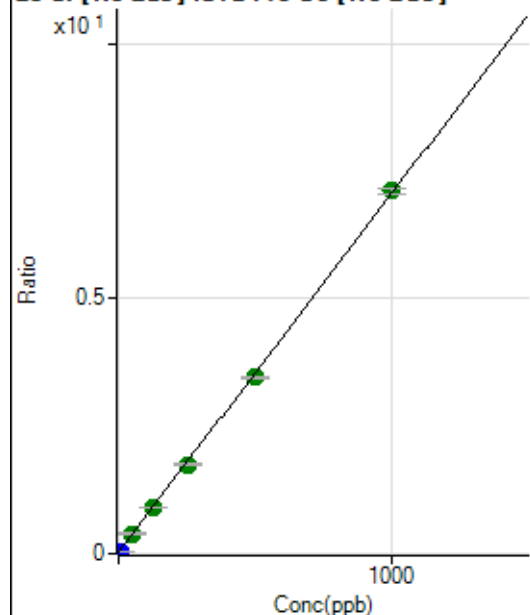
$$y = 2.9476E-004 * x + 4.1027E-004$$

$$R = 1.0000$$

$$DL = 1.139$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	291944.97	0.0328	P	1.0
2	☐	10.000	1.001	350469.48	0.0398	P	1.0
3	☐	50.000	51.519	3490072.17	0.3948	A	1.6
4	☐	125.000	125.149	7917775.18	0.9122	A	1.1
5	☐	250.000	244.389	15088873.60	1.7502	A	1.0
6	☐	500.000	486.874	28757396.82	3.4542	A	0.6
7	☐	1000.000	1007.961	57328310.31	7.1161	A	1.5
8	☐			1116753.43	0.1453	M	8.9

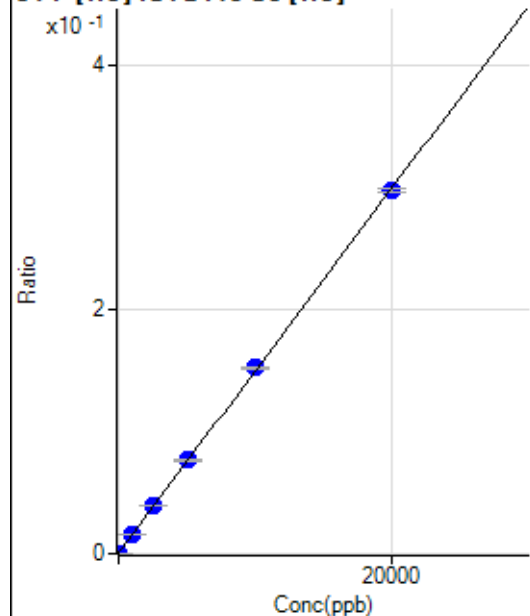
$$y = 0.0070 * x + 0.0328$$

$$R = 0.9998$$

$$DL = 0.1423$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-6.897	275.01	0.0004	P	36.9
2	☐	0.000	6.897	425.02	0.0006	P	17.4
3	☐	1000.000	1045.260	11690.85	0.0161	P	5.2
4	☐	2500.000	2596.120	27733.89	0.0392	P	2.0
5	☐	5000.000	5102.192	53638.95	0.0766	P	2.5
6	☐	10000.000	10162.752	98326.50	0.1521	P	1.3
7	☐	20000.000	19878.798	180353.27	0.2972	P	1.1
8	☐			627.80	0.0010	P	9.5

$$y = 1.4924E-005 * x + 4.7236E-004$$

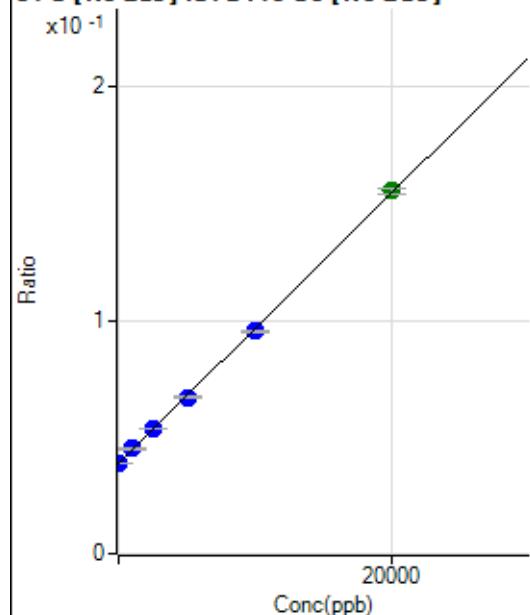
$$R = 0.9999$$

$$DL = 23.76$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-30.182	342313.36	0.0384	P	0.3
2	☐	0.000	30.182	341386.20	0.0388	P	1.1
3	☐	1000.000	1130.961	399169.42	0.0452	P	1.4
4	☐	2500.000	2570.155	464557.21	0.0535	P	1.0
5	☐	5000.000	4903.751	578345.08	0.0671	P	1.7
6	☐	10000.000	9768.179	793916.69	0.0954	P	0.8
7	☐	20000.000	20124.655	1253147.95	0.1556	A	1.7
8	☐			279429.86	0.0364	P	1.3

$$y = 5.8127E-006 * x + 0.0386$$

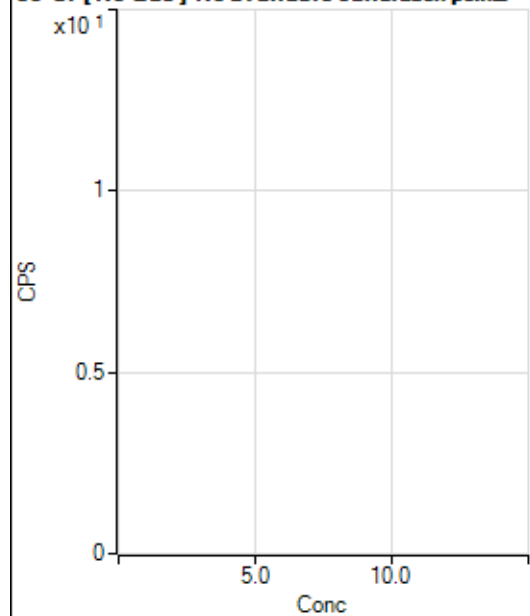
R = 0.9998

DL = 144.4

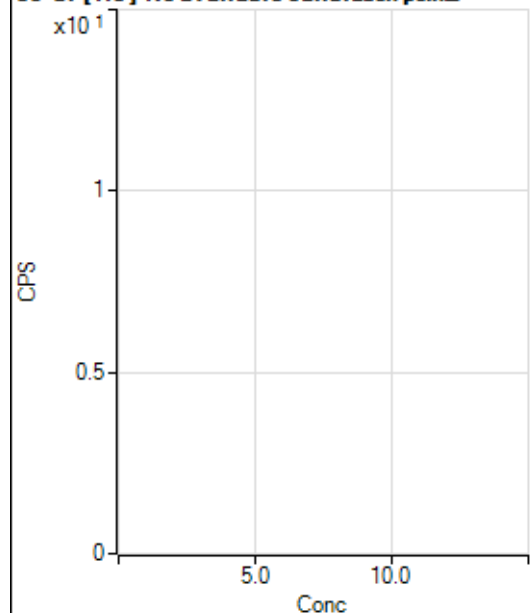
Weight: <None>

Min Conc: 0

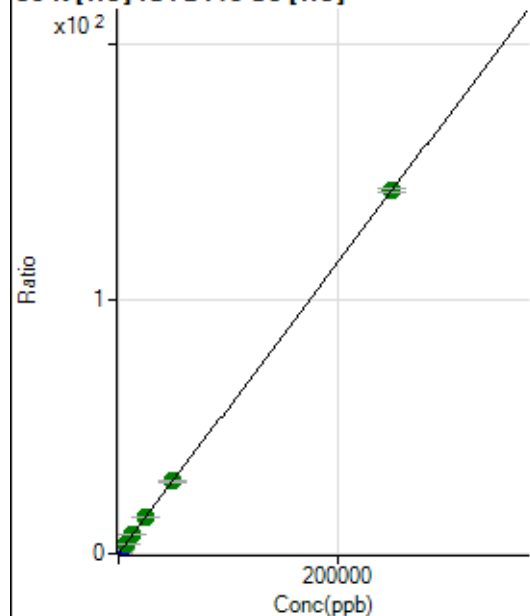
35 Cl [No Gas] No available calibration points



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

35 Cl [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	54712.66	0.0735	P	1.3
2	☐	500.000	533.935	279085.75	0.3776	P	0.3
3	☐	2500.000	2792.266	1210329.84	1.6639	P	0.4
4	☐	6250.000	6392.060	2626731.01	3.7144	A	0.9
5	☐	12500.000	12541.409	5052085.01	7.2170	A	0.4
6	☐	25000.000	25114.196	9291936.32	14.3784	A	0.8
7	☐	50000.000	49616.064	17197136.67	28.3345	A	0.5
8	☐	250000.00	250056.75	92993427.77	142.5044	A	0.9

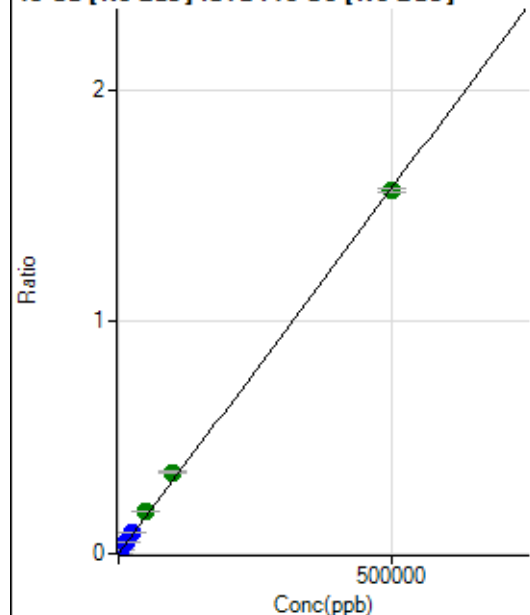
$$y = 5.6959\text{E-}004 * x + 0.0735$$

$$R = 1.0000$$

$$DL = 5.055$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	511.13	0.0001	P	13.6
2	☐	500.000	502.453	14446.11	0.0016	P	2.7
3	☐	5000.000	6125.015	171072.85	0.0194	P	2.3
4	☐	12500.000	15087.714	413046.93	0.0476	P	0.9
5	☐	25000.000	29785.875	809421.60	0.0939	P	1.7
6	☐	50000.000	57753.767	1515245.95	0.1820	A	0.8
7	☐	100000.00	111423.43	2828244.42	0.3511	A	1.3
8	☐	500000.00	496624.69	12012187.42	1.5646	A	1.0

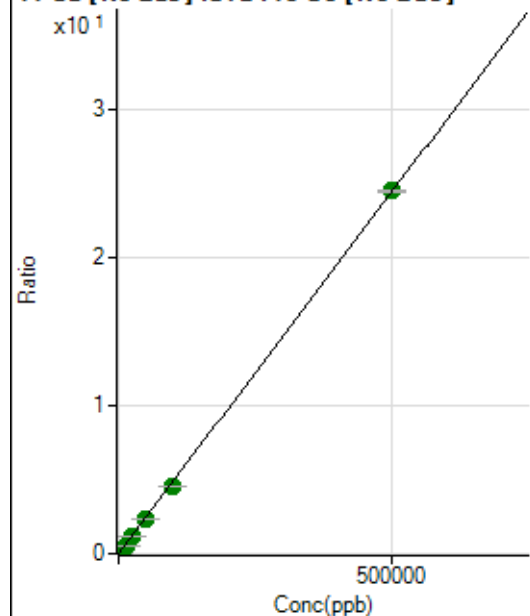
$$y = 3.1503\text{E-}006 * x + 5.7335\text{E-}005$$

$$R = 0.9997$$

$$DL = 7.404$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12854.78	0.0014	P	4.3
2	☐	500.000	525.883	239167.75	0.0272	P	1.5
3	☐	5000.000	4804.529	2089116.56	0.2363	A	1.8
4	☐	12500.000	11845.425	5039339.99	0.5806	A	0.2
5	☐	25000.000	23530.664	9931198.87	1.1519	A	0.8
6	☐	50000.000	47737.792	19443566.14	2.3355	A	0.4
7	☐	100000.00	92421.314	36417483.14	4.5202	A	1.0
8	☐	500000.00	501833.71	188400203.9	24.5374	A	0.8

$$y = 4.8893\text{E-}005 * x + 0.0014$$

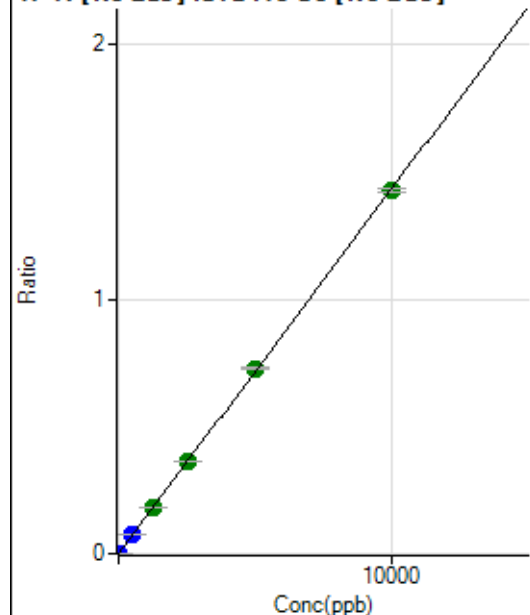
$$R = 0.9999$$

$$DL = 3.767$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	133.34	0.0000	P	24.8
2	☐	5.000	5.187	6682.19	0.0008	P	2.4
3	☐	500.000	524.890	665394.38	0.0753	P	0.5
4	☐	1250.000	1262.619	1571339.65	0.1810	A	2.3
5	☐	2500.000	2532.516	3130458.32	0.3631	A	1.2
6	☐	5000.000	5079.279	6062677.00	0.7282	A	1.1
7	☐	10000.000	9949.410	11492063.28	1.4265	A	1.1
8	☐			19529.72	0.0025	P	2.5

$$y = 1.4337E-004 * x + 1.4953E-005$$

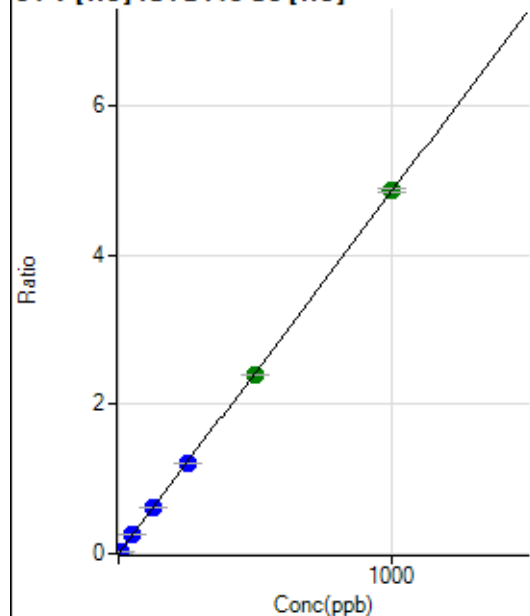
$$R = 0.9999$$

$$DL = 0.0775$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.33	0.0000	P	89.6
2	☐	5.000	4.952	17781.68	0.0241	P	1.9
3	☐	50.000	51.667	182469.39	0.2509	P	0.1
4	☐	125.000	128.018	439545.09	0.6215	P	0.5
5	☐	250.000	251.797	855759.59	1.2225	P	0.3
6	☐	500.000	493.899	1549630.43	2.3979	A	0.1
7	☐	1000.000	1002.141	2952988.39	4.8654	A	1.0
8	☐			6089.06	0.0093	P	3.6

$$y = 0.0049 * x + 1.7817E-005$$

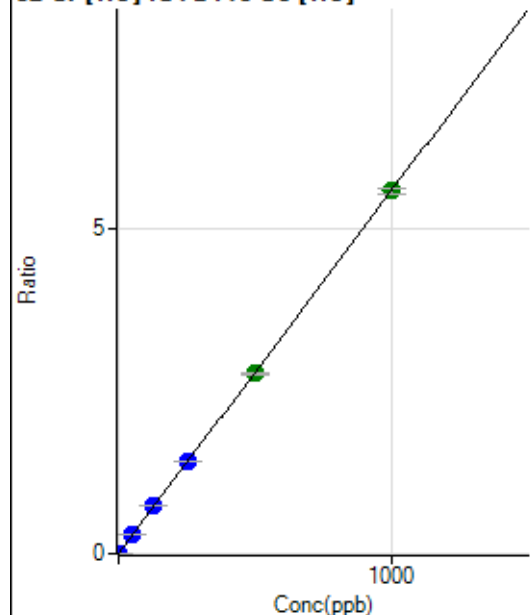
$$R = 1.0000$$

$$DL = 0.00986$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1460.08	0.0020	P	8.3
2	☐	2.000	1.979	9617.57	0.0130	P	2.3
3	☐	50.000	52.429	214344.19	0.2947	P	0.2
4	☐	125.000	129.683	513417.80	0.7260	P	0.3
5	☐	250.000	254.384	995591.81	1.4222	P	0.3
6	☐	500.000	497.649	1796765.32	2.7804	A	1.0
7	☐	1000.000	999.373	3387739.53	5.5817	A	1.4
8	☐			16770.53	0.0257	P	0.6

$$y = 0.0056 * x + 0.0020$$

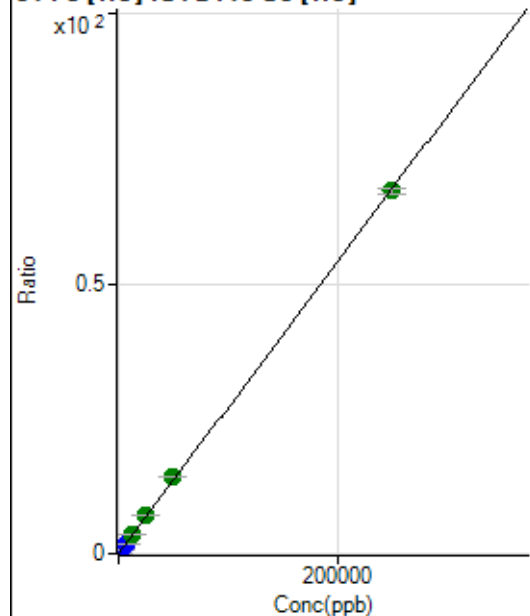
$$R = 1.0000$$

$$DL = 0.08796$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1314.75	0.0018	P	4.9
2	☐	50.000	53.500	11963.74	0.0162	P	3.4
3	☐	2500.000	2869.570	563985.51	0.7754	P	0.5
4	☐	6250.000	7061.548	1347516.81	1.9055	P	0.5
5	☐	12500.000	13472.439	2543667.33	3.6337	A	1.7
6	☐	25000.000	26861.902	4681004.95	7.2433	A	0.1
7	☐	50000.000	53264.010	8716134.99	14.3610	A	0.5
8	☐	250000.00	249088.40	43820879.34	67.1524	A	1.4

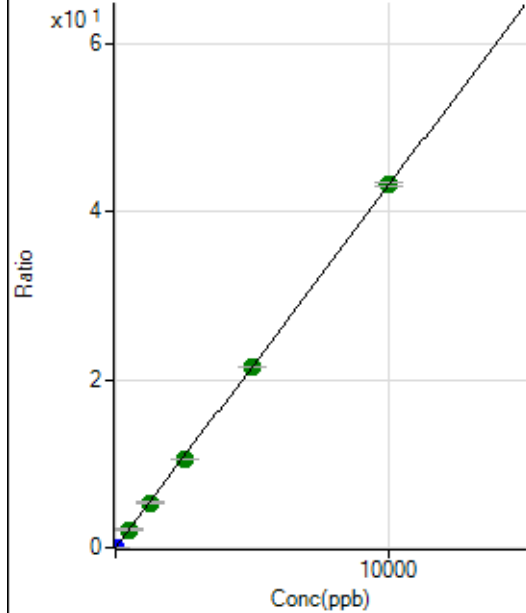
$$y = 2.6959E-004 * x + 0.0018$$

$$R = 0.9999$$

$$DL = 0.9665$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	181.11	0.0002	P	19.4
2	☐	1.000	1.011	3397.08	0.0046	P	3.5
3	☐	500.000	503.380	1576708.55	2.1676	A	1.3
4	☐	1250.000	1243.982	3787825.50	5.3564	A	0.9
5	☐	2500.000	2460.058	7414808.71	10.5924	A	0.4
6	☐	5000.000	4986.852	13876327.15	21.4718	A	0.3
7	☐	10000.000	10017.143	26177571.83	43.1305	A	1.1
8	☐			68002.81	0.1042	P	0.6

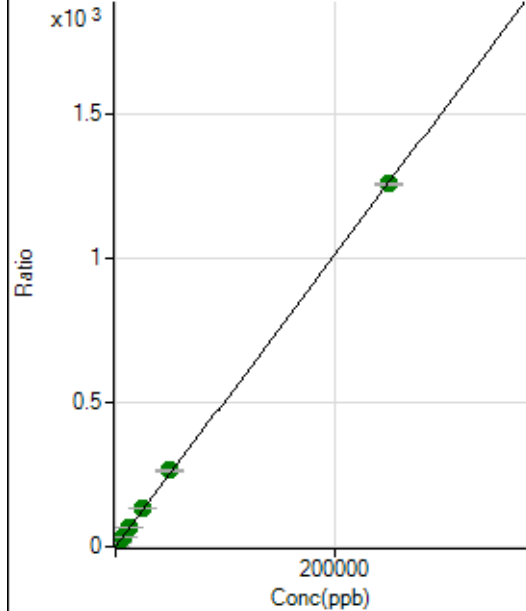
$$y = 0.0043 * x + 2.4352E-004$$

$$R = 1.0000$$

$$DL = 0.03293$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12614.74	0.0169	P	2.9
2	☐	50.000	52.244	206933.79	0.2800	P	0.5
3	☐	2500.000	2646.590	9704894.08	13.3424	A	0.2
4	☐	6250.000	6558.782	23365175.06	33.0400	A	0.5
5	☐	12500.000	12867.068	45362986.20	64.8019	A	0.3
6	☐	25000.000	26176.767	85186412.09	131.8155	A	0.4
7	☐	50000.000	52217.022	159579162.8	262.9267	A	0.7
8	☐	250000.00	249411.38	819444840.5	1,255.789	A	0.6

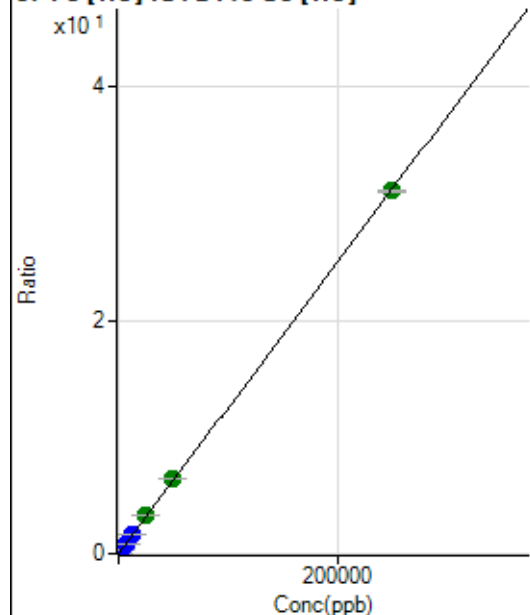
$$y = 0.0050 * x + 0.0169$$

$$R = 1.0000$$

$$DL = 0.29$$

Weight: <None>

Min Conc: 0

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

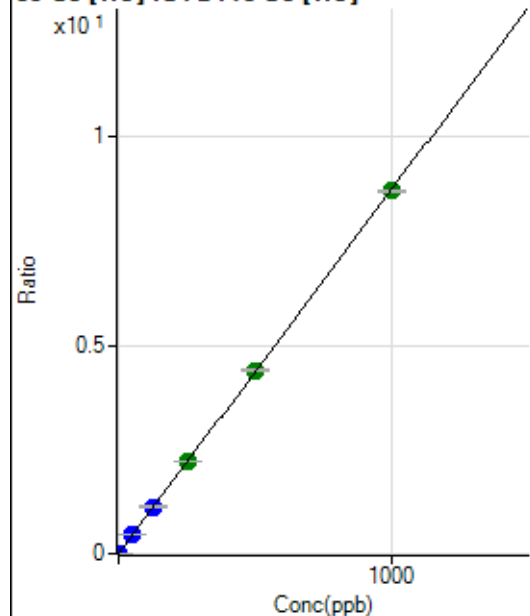
$$y = 1.2464\text{E-}004 * x + 6.4680\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.962$$

Weight: <None>

Min Conc: 0

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

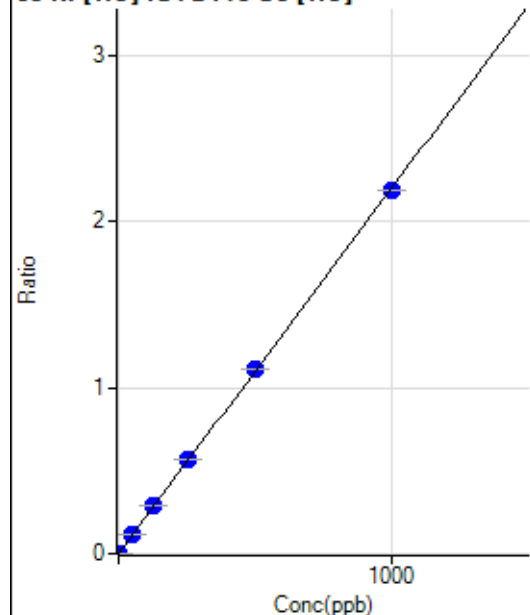
$$y = 0.0087 * x + 1.5218\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.01215$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	112.22	0.0002	P	4.9
2	☐	1.000	1.074	1853.47	0.0025	P	2.9
3	☐	50.000	53.284	85213.55	0.1172	P	0.7
4	☐	125.000	131.092	203658.10	0.2880	P	1.5
5	☐	250.000	257.846	396441.96	0.5663	P	0.5
6	☐	500.000	507.681	720500.88	1.1149	P	0.1
7	☐	1000.000	993.272	1323803.84	2.1812	P	0.1
8	☐			7103.98	0.0109	P	1.0

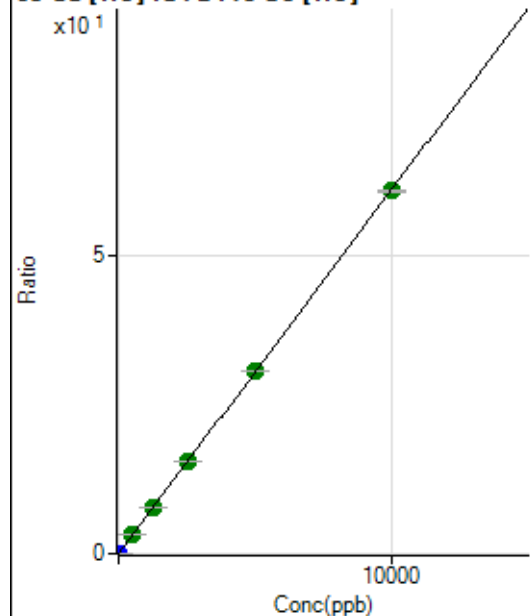
$$y = 0.0022 * x + 1.5075E-004$$

$$R = 0.9999$$

$$DL = 0.01013$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	676.69	0.0009	P	15.2
2	☐	2.000	2.094	10115.73	0.0137	P	1.1
3	☐	500.000	527.724	2342726.47	3.2209	A	1.0
4	☐	1250.000	1288.451	5560155.13	7.8625	A	0.6
5	☐	2500.000	2544.497	10868777.27	15.5264	A	1.0
6	☐	5000.000	5023.019	19807080.12	30.6494	A	0.4
7	☐	10000.000	9971.174	36926362.51	60.8411	A	0.6
8	☐			64647.87	0.0991	P	0.4

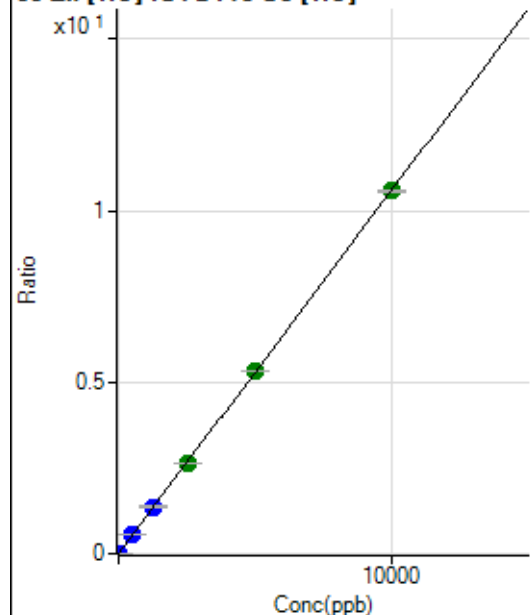
$$y = 0.0061 * x + 9.0965E-004$$

$$R = 1.0000$$

$$DL = 0.06793$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	417.79	0.0006	P	7.9
2	☐	2.000	2.298	2213.52	0.0030	P	3.7
3	☐	500.000	526.416	405923.56	0.5581	P	0.4
4	☐	1250.000	1293.000	968793.86	1.3699	P	0.6
5	☐	2500.000	2484.151	1842016.80	2.6314	A	0.6
6	☐	5000.000	5019.755	3436068.84	5.3168	A	0.5
7	☐	10000.000	9987.389	6420039.49	10.5778	A	0.7
8	☐			20356.20	0.0312	P	2.0

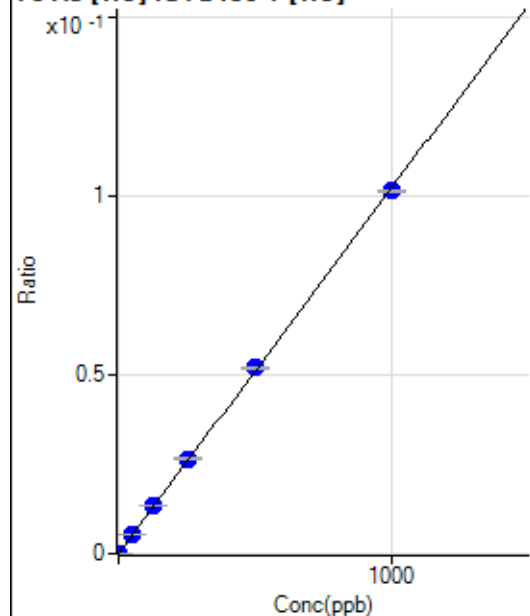
$$y = 0.0011 * x + 5.6134E-004$$

$$R = 1.0000$$

$$DL = 0.1251$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	10.49	0.0000	P	40.6
2	☐	1.000	1.075	521.62	0.0001	P	1.3
3	☐	50.000	53.523	25180.57	0.0055	P	0.8
4	☐	125.000	131.806	61189.97	0.0135	P	0.8
5	☐	250.000	259.784	118783.95	0.0266	P	0.8
6	☐	500.000	508.447	220504.76	0.0520	P	0.5
7	☐	1000.000	992.303	417021.87	0.1015	P	0.5
8	☐			819.16	0.0002	P	4.3

$$y = 1.0232E-004 * x + 2.2465E-006$$

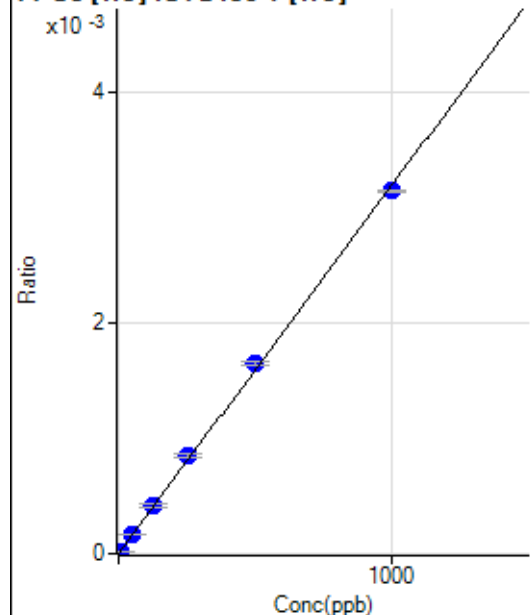
$$R = 0.9999$$

$$DL = 0.02675$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.762	85.55	0.0000	P	22.8
3	☐	50.000	52.116	765.58	0.0002	P	8.7
4	☐	125.000	130.272	1887.92	0.0004	P	5.2
5	☐	250.000	264.532	3776.07	0.0008	P	3.9
6	☐	500.000	518.706	7023.97	0.0017	P	2.4
7	☐	1000.000	986.245	12941.28	0.0032	P	0.5
8	☐			27.78	0.0000	P	50.2

$$y = 3.1949\text{E-}006 * x + 0.0000\text{E+}000$$

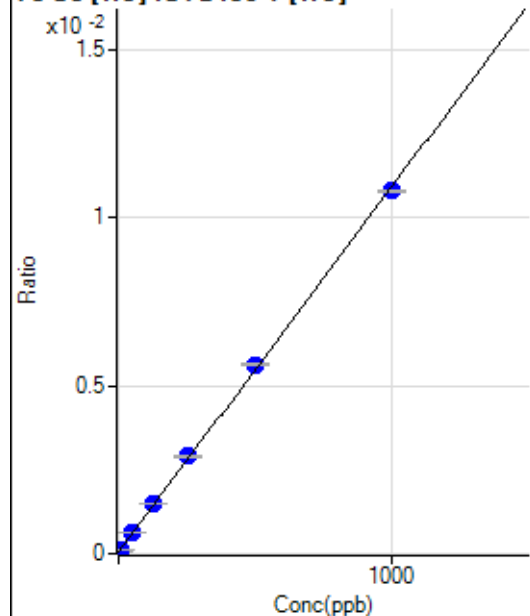
$$R = 0.9996$$

$$DL = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	229.01	0.0000	P	10.7
2	☐	5.000	5.405	500.63	0.0001	P	8.8
3	☐	50.000	53.873	2913.88	0.0006	P	4.1
4	☐	125.000	132.270	6739.22	0.0015	P	1.8
5	☐	250.000	262.123	12939.01	0.0029	P	1.0
6	☐	500.000	512.307	23787.62	0.0056	P	0.9
7	☐	1000.000	989.712	44345.65	0.0108	P	0.6
8	☐			271.61	0.0001	P	6.4

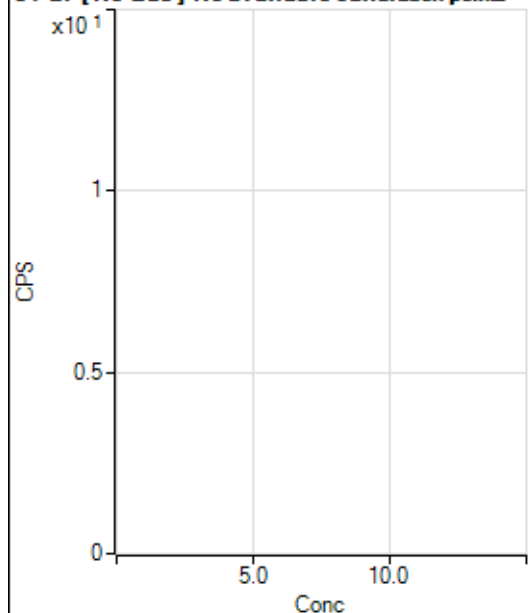
$$y = 1.0860\text{E-}005 * x + 4.9063\text{E-}005$$

$$R = 0.9998$$

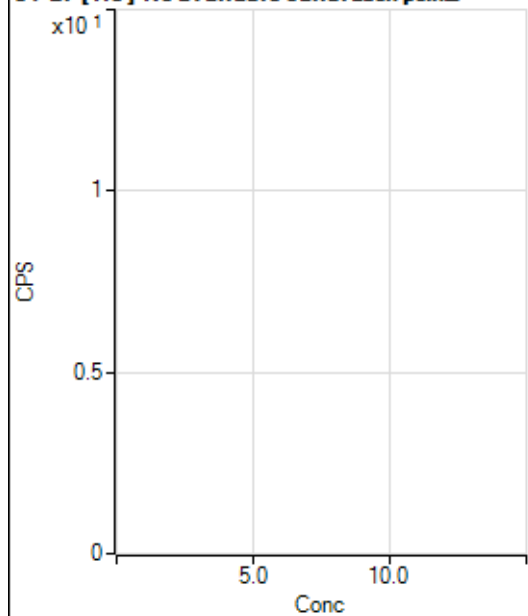
$$DL = 1.445$$

Weight: <None>

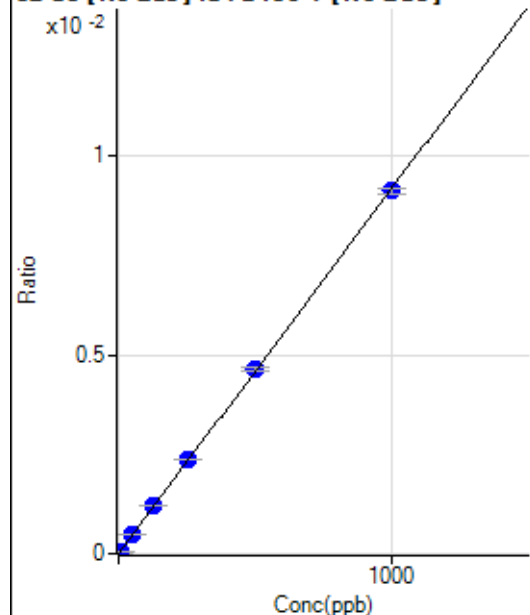
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			14574.18		P	0.8
2	☐			14991.30		P	2.6
3	☐			14446.30		P	5.6
4	☐			13984.75		P	1.9
5	☐			13990.34		P	3.7
6	☐			13245.17		P	3.2
7	☐			11932.96		P	4.7
8	☐			12416.67		P	2.7

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			60.06		P	57.7
2	☐			56.72		P	40.8
3	☐			76.74		P	19.9
4	☐			70.07		P	14.3
5	☐			83.42		P	54.1
6	☐			50.05		P	40.0
7	☐			56.72		P	36.7
8	☐			143.48		P	38.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-72.64	0.0000	P	-53.
2	☐	5.000	4.713	745.16	0.0000	P	5.1
3	☐	50.000	53.903	9257.58	0.0005	P	0.8
4	☐	125.000	132.508	22559.77	0.0012	P	0.8
5	☐	250.000	259.004	44378.00	0.0024	P	1.0
6	☐	500.000	504.270	84810.69	0.0046	P	1.8
7	☐	1000.000	994.482	161431.94	0.0091	P	1.4
8	☐			265.35	0.0000	P	16.5

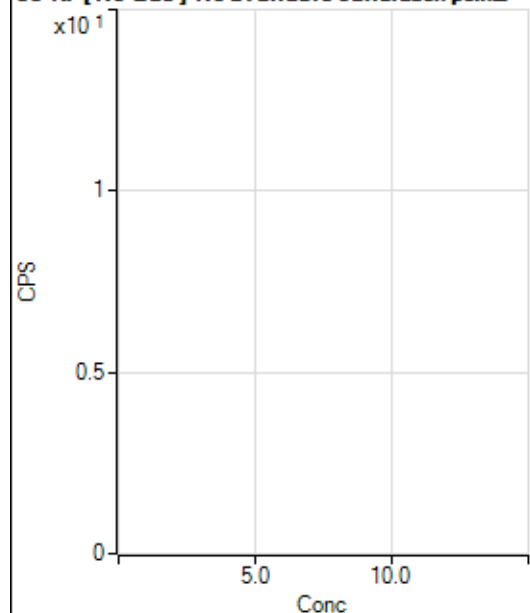
$$y = 9.1824\text{E-}006 * x - 3.8192\text{E-}006$$

$$R = 0.9999$$

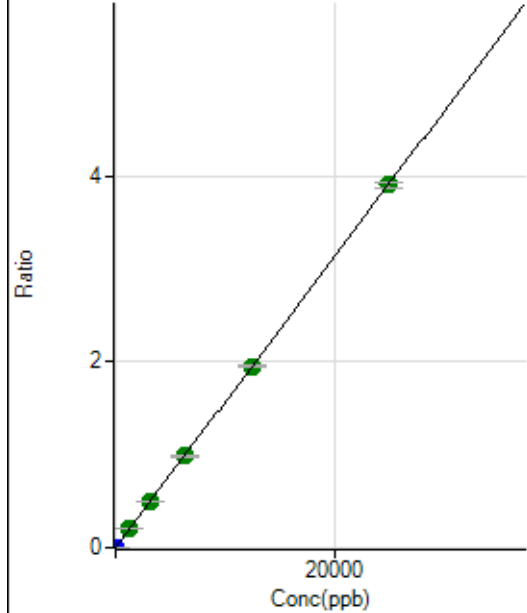
$$DL = 0.6618$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1894.59		P	2.6
2	☐			1826.80		P	1.9
3	☐			1911.25		P	3.9
4	☐			1796.79		P	0.9
5	☐			1775.68		P	2.5
6	☐			1612.33		P	1.6
7	☐			1588.99		P	2.2
8	☐			1726.78		P	1.1

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2953.16	0.0002	P	1.7
2	☐	1.000	1.050	6040.26	0.0003	P	1.5
3	☐	1250.000	1296.141	3818950.43	0.2026	A	0.9
4	☐	3125.000	3175.446	9229000.21	0.4962	A	1.4
5	☐	6250.000	6306.576	18413504.58	0.9852	A	1.0
6	☐	12500.000	12487.789	35759465.73	1.9507	A	1.6
7	☐	25000.000	24983.349	69016802.24	3.9025	A	1.5
8	☐			102822.06	0.0062	P	0.7

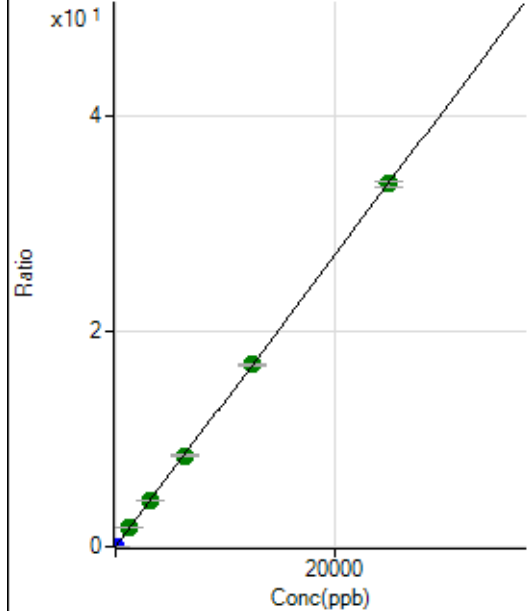
$$y = 1.5620\text{E-}004 * x + 1.5587\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.04946$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	650.03	0.0000	P	3.2
2	☐	1.000	1.022	26683.08	0.0014	P	1.3
3	☐	1250.000	1296.779	32986851.78	1.7501	A	0.5
4	☐	3125.000	3200.999	80350628.19	4.3198	A	0.7
5	☐	6250.000	6256.118	157783879.9	8.4427	A	1.5
6	☐	12500.000	12534.767	310093262.4	16.9159	A	1.5
7	☐	25000.000	24969.248	595924802.2	33.6963	A	1.6
8	☐			875725.87	0.0532	P	0.5

$$y = 0.0013 * x + 3.4317\text{E-}005$$

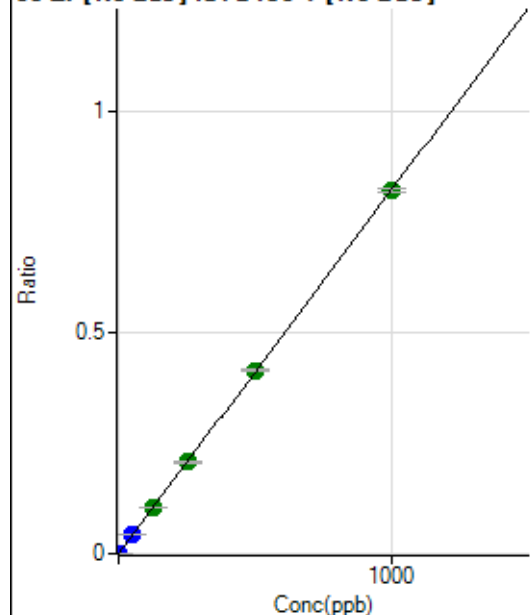
$$R = 1.0000$$

$$DL = 0.002406$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	725.04	0.0000	P	18.6
2	☐	1.000	0.973	15833.88	0.0008	P	2.9
3	☐	50.000	52.412	813056.21	0.0431	P	1.3
4	☐	125.000	127.940	1957518.44	0.1052	A	0.7
5	☐	250.000	251.273	3862585.42	0.2067	A	0.7
6	☐	500.000	503.306	7588885.50	0.4139	A	1.3
7	☐	1000.000	997.540	14508341.64	0.8203	A	1.0
8	☐			29989.78	0.0018	P	1.9

$$y = 8.2230E-004 * x + 3.8291E-005$$

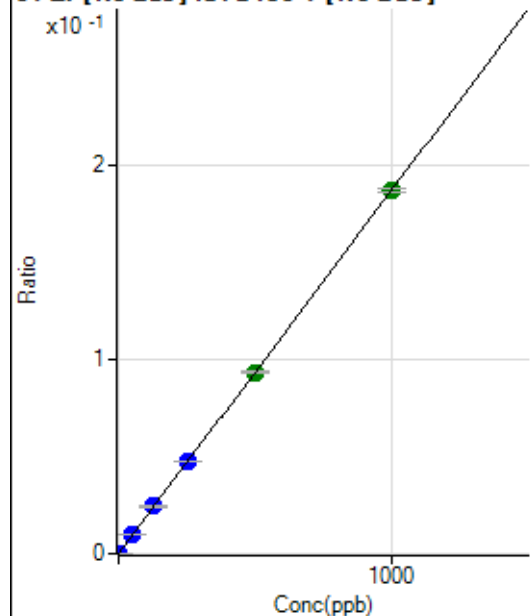
$$R = 1.0000$$

$$DL = 0.02603$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	141.67	0.0000	P	18.9
2	☐	1.000	0.975	3583.86	0.0002	P	1.9
3	☐	50.000	52.090	183696.52	0.0097	P	0.9
4	☐	125.000	129.735	451258.95	0.0243	P	0.3
5	☐	250.000	255.018	891199.47	0.0477	P	0.8
6	☐	500.000	498.419	1708408.64	0.0932	A	0.9
7	☐	1000.000	998.839	3302655.87	0.1867	A	1.2
8	☐			7099.15	0.0004	P	1.9

$$y = 1.8695E-004 * x + 7.4900E-006$$

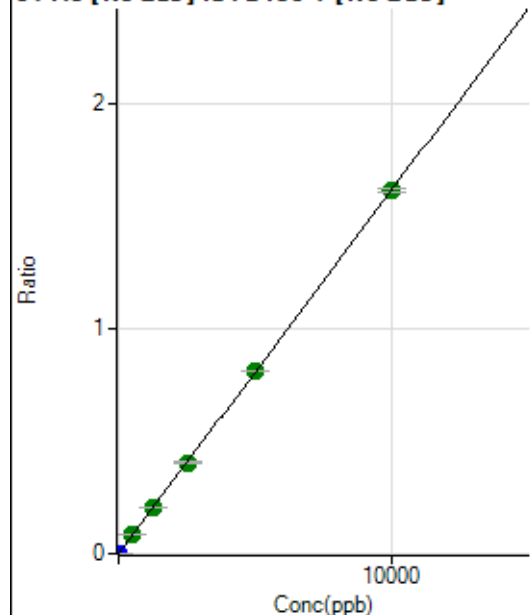
$$R = 1.0000$$

$$DL = 0.02275$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	213.90	0.0000	P	22.1
2	☐	5.000	5.986	18492.71	0.0010	P	1.3
3	☐	500.000	520.191	1586044.42	0.0841	A	0.9
4	☐	1250.000	1273.103	3830024.74	0.2059	A	0.7
5	☐	2500.000	2509.309	7585244.79	0.4059	A	1.0
6	☐	5000.000	5024.255	14897748.94	0.8126	A	0.7
7	☐	10000.000	9981.647	28553227.03	1.6144	A	0.9
8	☐			51541.58	0.0031	P	4.2

$$y = 1.6174E-004 * x + 1.1292E-005$$

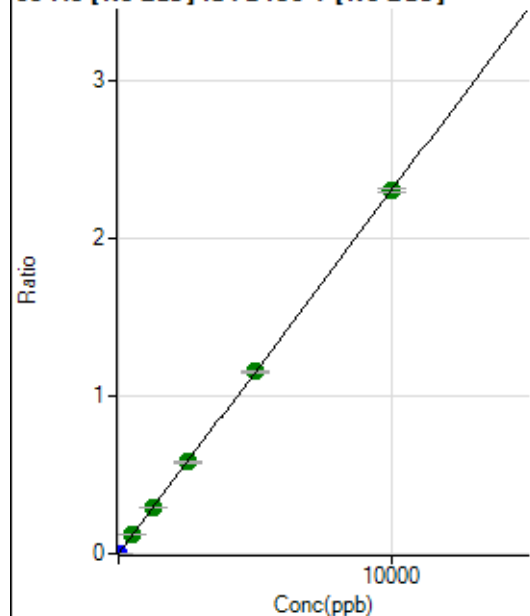
$$R = 1.0000$$

$$DL = 0.04624$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	13.89	0.0000	P	91.5
2	☐	5.000	5.103	22197.94	0.0012	P	2.9
3	☐	500.000	523.258	2271240.17	0.1205	A	0.3
4	☐	1250.000	1277.040	5469533.98	0.2941	A	0.9
5	☐	2500.000	2520.143	10845753.02	0.5803	A	1.3
6	☐	5000.000	5010.502	21151927.56	1.1538	A	1.0
7	☐	10000.000	9985.170	40666864.45	2.2994	A	0.9
8	☐			71380.47	0.0043	P	2.6

$$y = 2.3028E-004 * x + 7.2738E-007$$

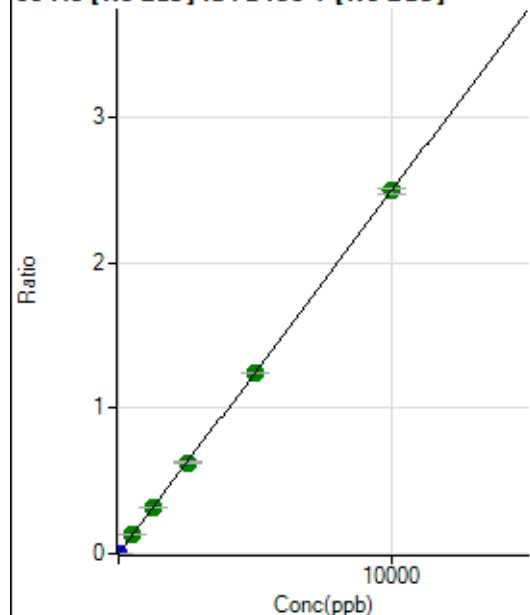
$$R = 1.0000$$

$$DL = 0.008669$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	102.78	0.0000	P	44.0
2	☐	5.000	5.248	24829.88	0.0013	P	0.6
3	☐	500.000	521.804	2454580.02	0.1302	A	0.7
4	☐	1250.000	1274.107	5913835.11	0.3180	A	1.1
5	☐	2500.000	2500.922	11664070.40	0.6241	A	1.4
6	☐	5000.000	4984.550	22804610.41	1.2439	A	0.9
7	☐	10000.000	10003.391	44149262.10	2.4964	A	1.6
8	☐			82630.87	0.0050	P	1.6

$$y = 2.4955E-004 * x + 5.4190E-006$$

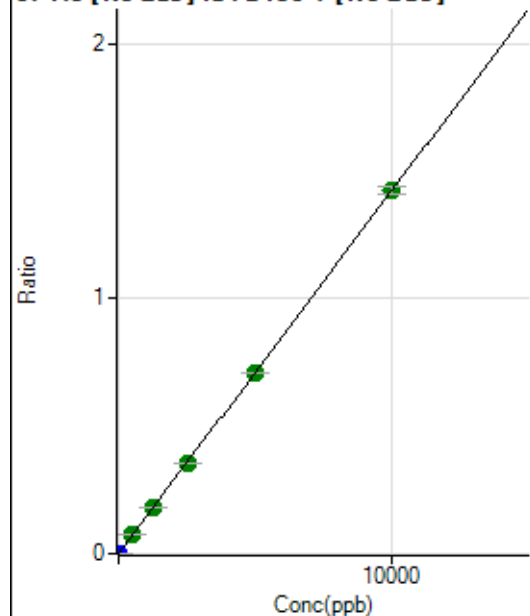
$$R = 1.0000$$

$$DL = 0.02866$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	20.6
2	☐	5.000	5.236	14076.57	0.0007	P	1.2
3	☐	500.000	519.368	1391925.78	0.0738	A	0.7
4	☐	1250.000	1276.716	3375992.39	0.1815	A	2.1
5	☐	2500.000	2499.958	6642930.83	0.3554	A	0.7
6	☐	5000.000	4984.005	12990934.66	0.7086	A	0.7
7	☐	10000.000	10003.700	25153056.64	1.4223	A	2.0
8	☐			43994.54	0.0027	P	0.8

$$y = 1.4218E-004 * x + 1.1710E-006$$

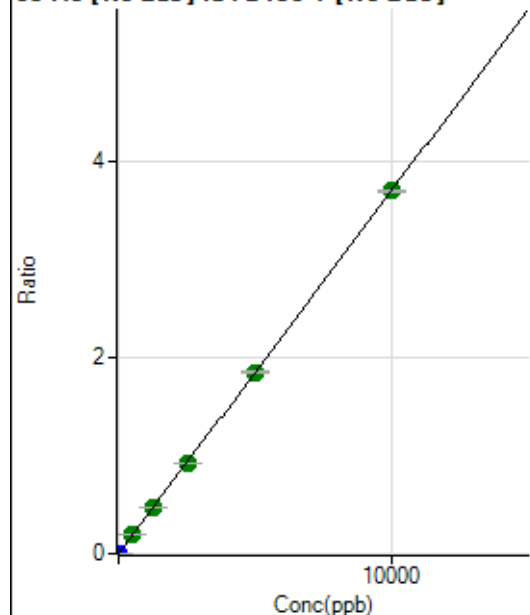
$$R = 1.0000$$

$$DL = 0.005083$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	55.56	0.0000	P	33.7
2	☐	5.000	5.159	36170.44	0.0019	P	0.6
3	☐	500.000	518.935	3627047.78	0.1924	A	2.3
4	☐	1250.000	1264.584	8721924.07	0.4689	A	1.4
5	☐	2500.000	2496.887	17305137.02	0.9259	A	0.5
6	☐	5000.000	5001.934	34004475.76	1.8549	A	1.2
7	☐	10000.000	9997.042	65569001.46	3.7072	A	0.7
8	☐			113453.40	0.0069	P	3.7

$$y = 3.7083E-004 * x + 2.9243E-006$$

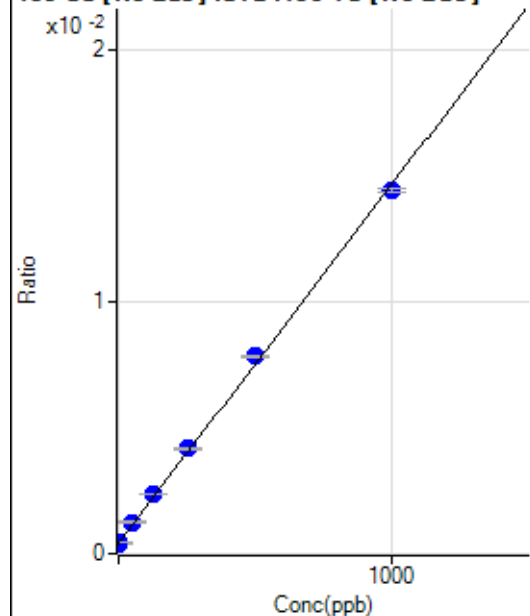
$$R = 1.0000$$

$$DL = 0.00798$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	7154.75	0.0004	P	5.6
2	☐	1.000	1.636	7415.96	0.0004	P	3.9
3	☐	50.000	57.933	21185.39	0.0012	P	3.4
4	☐	125.000	137.723	40250.98	0.0024	P	1.5
5	☐	250.000	265.672	71582.40	0.0042	P	1.8
6	☐	500.000	522.281	131634.85	0.0079	P	1.0
7	☐	1000.000	982.954	245333.11	0.0144	P	1.0
8	☐			6840.65	0.0004	P	3.1

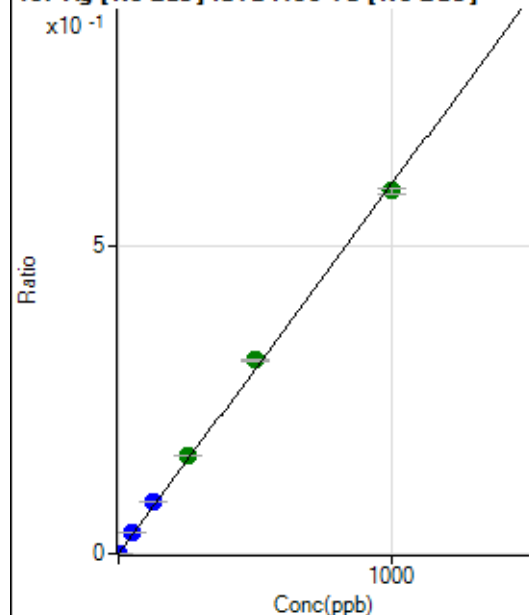
$$y = 1.4232E-005 * x + 4.1825E-004$$

$$R = 0.9995$$

$$DL = 4.908$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	102.78	0.0000	P	20.6
2	☐	1.000	0.938	9572.87	0.0006	P	8.8
3	☐	50.000	56.667	581014.26	0.0341	P	1.9
4	☐	125.000	139.600	1420875.45	0.0840	P	1.1
5	☐	250.000	264.521	2711961.39	0.1591	A	1.1
6	☐	500.000	523.661	5279748.03	0.3149	A	1.1
7	☐	1000.000	982.381	10059112.64	0.5908	A	1.7
8	☐			17944.90	0.0011	P	2.9

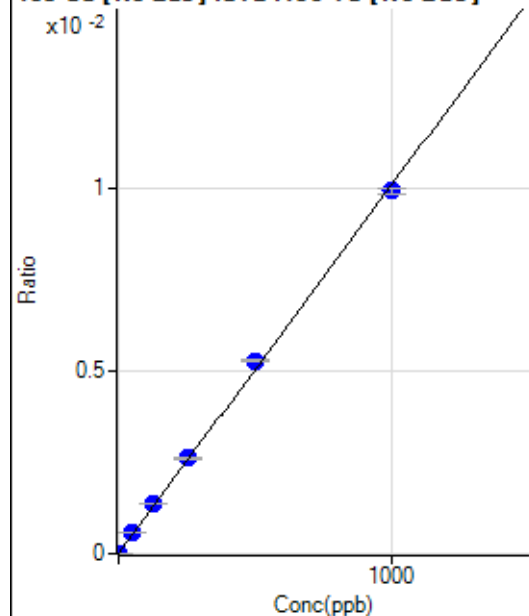
$$y = 6.0136\text{E-}004 * x + 6.0105\text{E-}006$$

$$R = 0.9994$$

$$DL = 0.00618$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	63.89	0.0000	P	37.2
2	☐	1.000	0.941	222.23	0.0000	P	22.2
3	☐	50.000	54.936	9518.50	0.0006	P	1.8
4	☐	125.000	136.407	23367.57	0.0014	P	1.2
5	☐	250.000	260.186	44841.56	0.0026	P	1.7
6	☐	500.000	522.597	88506.89	0.0053	P	0.6
7	☐	1000.000	984.482	169280.74	0.0099	P	1.7
8	☐			354.18	0.0000	P	13.8

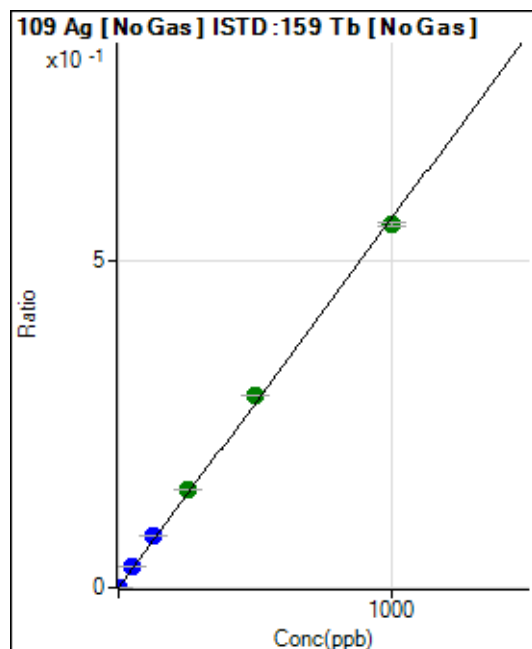
$$y = 1.0095\text{E-}005 * x + 3.7366\text{E-}006$$

$$R = 0.9995$$

$$DL = 0.413$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0000	P	43.5
2	☐	1.000	0.893	8474.91	0.0005	P	8.5
3	☐	50.000	56.798	546376.21	0.0321	P	2.3
4	☐	125.000	139.176	1329194.28	0.0785	P	0.5
5	☐	250.000	266.678	2565544.85	0.1505	A	1.1
6	☐	500.000	521.154	4930537.83	0.2941	A	0.5
7	☐	1000.000	983.142	9446970.96	0.5548	A	1.0
8	☐			16659.98	0.0010	P	3.7

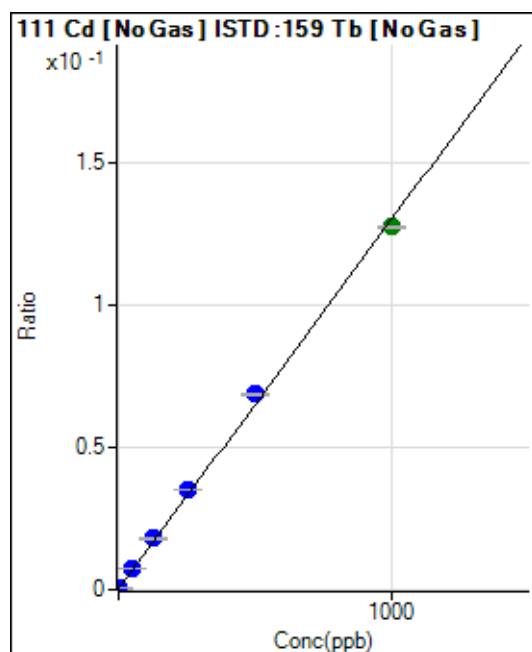
$$y = 5.6431\text{E-}004 * x + 6.4985\text{E-}007$$

$$R = 0.9995$$

$$DL = 0.001504$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3545.28	0.0002	P	6.1
2	☐	1.000	1.151	5994.11	0.0004	P	4.1
3	☐	50.000	55.616	126811.28	0.0074	P	1.9
4	☐	125.000	136.363	303587.70	0.0179	P	0.2
5	☐	250.000	268.812	599376.94	0.0352	P	1.2
6	☐	500.000	527.268	1152899.77	0.0688	P	1.0
7	☐	1000.000	979.961	2173297.73	0.1276	A	0.9
8	☐			6925.81	0.0004	P	2.4

$$y = 1.3003\text{E-}004 * x + 2.0725\text{E-}004$$

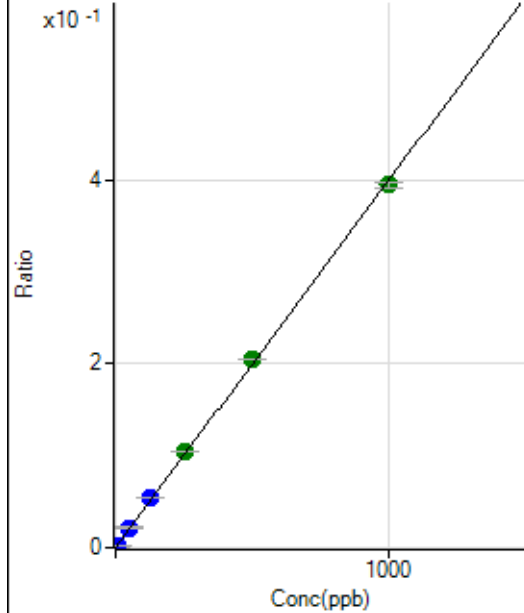
$$R = 0.9992$$

$$DL = 0.2921$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2153.01	0.0001	P	5.1
2	☐	5.000	5.370	38064.99	0.0023	P	1.8
3	☐	50.000	54.504	372530.64	0.0219	P	2.2
4	☐	125.000	135.456	915988.61	0.0541	P	1.4
5	☐	250.000	262.492	1785907.83	0.1048	A	1.0
6	☐	500.000	513.597	3434535.02	0.2049	A	0.6
7	☐	1000.000	988.544	6712063.52	0.3942	A	1.3
8	☐			19761.27	0.0012	P	2.5

$$y = 3.9863\text{E-}004 * x + 1.2588\text{E-}004$$

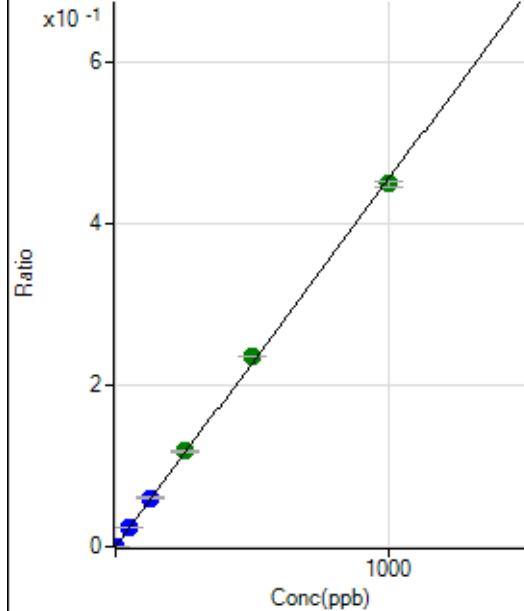
$$R = 0.9998$$

$$DL = 0.04789$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	43.5
2	☐	2.000	2.113	16234.64	0.0010	P	3.5
3	☐	50.000	53.963	419206.75	0.0246	P	2.5
4	☐	125.000	133.394	1028740.54	0.0608	P	1.2
5	☐	250.000	260.587	2024206.14	0.1187	A	1.3
6	☐	500.000	517.951	3956756.77	0.2360	A	0.1
7	☐	1000.000	987.130	7658699.74	0.4498	A	1.6
8	☐			20478.87	0.0013	P	1.9

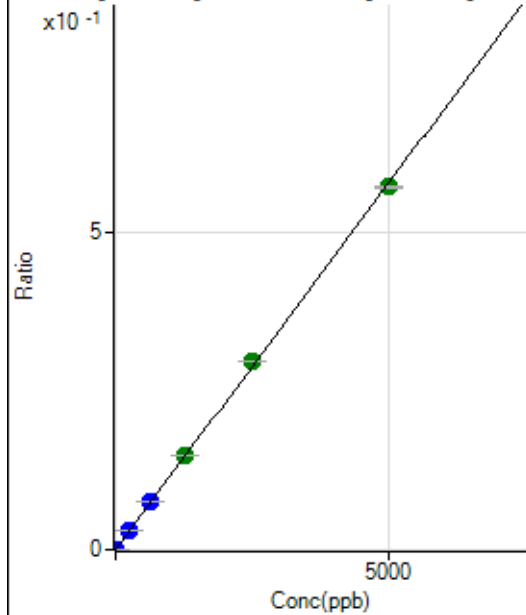
$$y = 4.5566\text{E-}004 * x + 3.8995\text{E-}006$$

$$R = 0.9997$$

$$DL = 0.01117$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.55	0.0000	P	15.6
2	☐	10.000	9.971	19413.65	0.0012	P	3.5
3	☐	250.000	265.164	523222.92	0.0307	P	1.8
4	☐	625.000	655.206	1283485.52	0.0758	P	0.6
5	☐	1250.000	1283.900	2533394.29	0.1486	A	0.1
6	☐	2500.000	2571.709	4990225.24	0.2977	A	0.9
7	☐	5000.000	4951.137	9758212.37	0.5731	A	0.8
8	☐			19530.49	0.0012	P	1.8

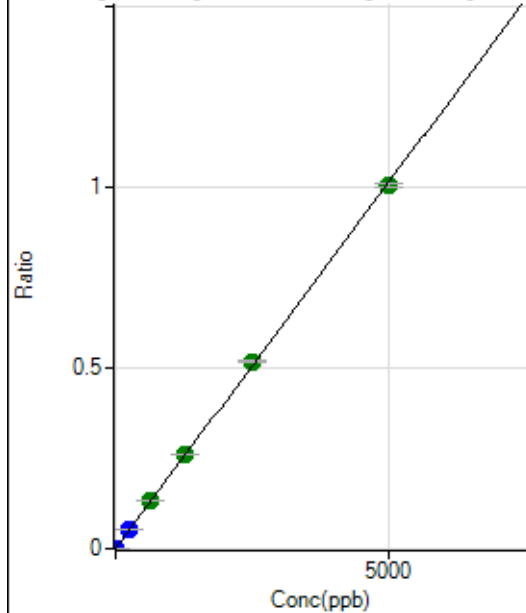
$$y = 1.1575E-004 * x + 1.7859E-006$$

$$R = 0.9998$$

$$DL = 0.007215$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	45.1
2	☐	10.000	10.289	35124.54	0.0021	P	2.3
3	☐	250.000	267.121	923883.45	0.0542	P	2.0
4	☐	625.000	651.834	2238139.70	0.1322	A	0.3
5	☐	1250.000	1294.199	4476123.54	0.2626	A	0.4
6	☐	2500.000	2559.307	8704762.09	0.5192	A	0.9
7	☐	5000.000	4955.086	17117769.48	1.0053	A	1.1
8	☐			35333.78	0.0022	P	1.2

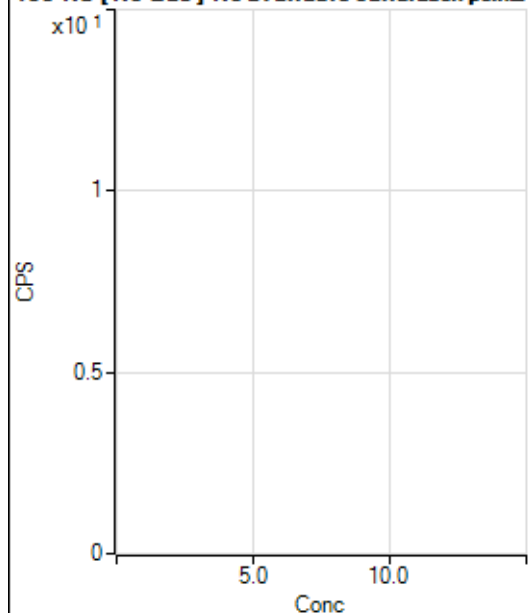
$$y = 2.0288E-004 * x + 3.8973E-006$$

$$R = 0.9998$$

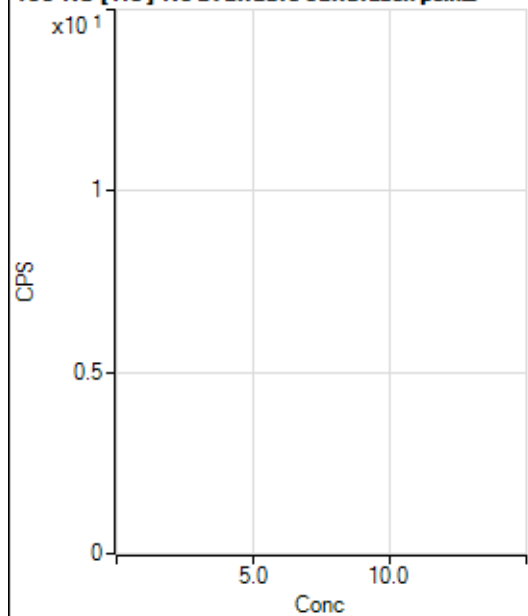
$$DL = 0.02597$$

Weight: <None>

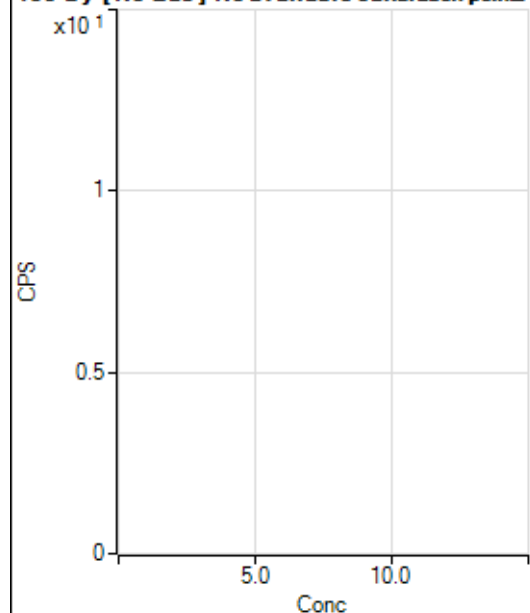
Min Conc: 0

150 Nd [No Gas] No available calibration points

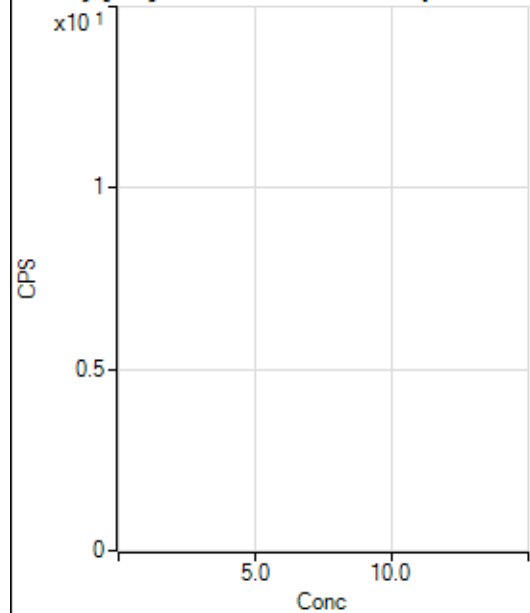
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	124.
2	☐			20.00		P	57.7
3	☐			68.89		P	24.4
4	☐			111.11		P	19.3
5	☐			257.79		P	18.2
6	☐			417.80		P	9.2
7	☐			726.70		P	16.8
8	☐			88.89		P	15.6

150 Nd [He] No available calibration points

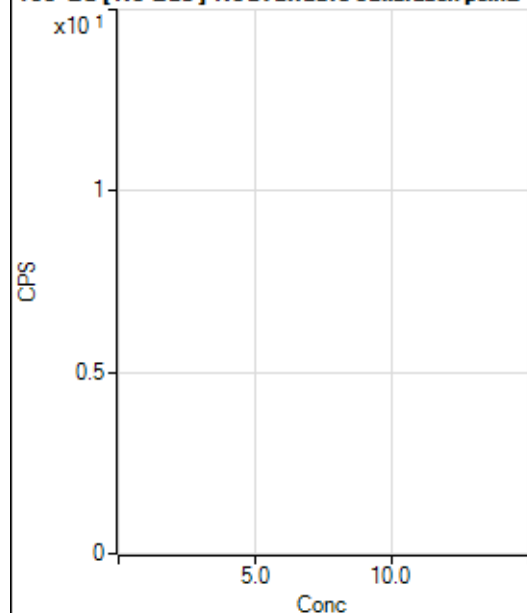
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			6.67		P	50.0
3	☐			32.22		P	48.9
4	☐			30.00		P	11.1
5	☐			72.22		P	26.2
6	☐			105.56		P	29.8
7	☐			192.23		P	7.2
8	☐			68.89		P	26.7

156 Dy [No Gas] No available calibration points

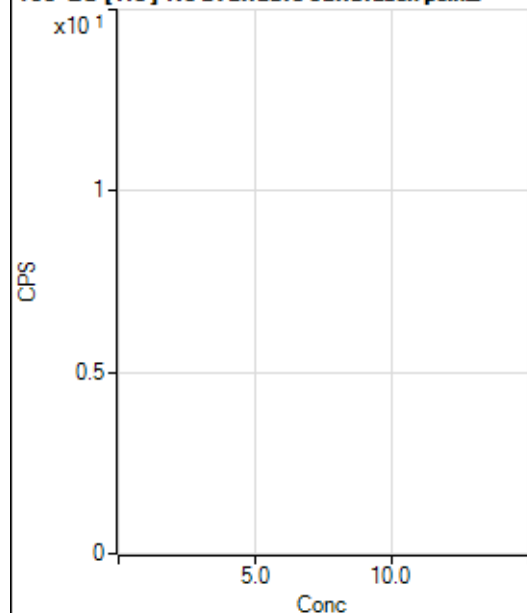
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	100.
2	☐			11.11		P	114.
3	☐			30.56		P	31.5
4	☐			58.33		P	14.3
5	☐			133.34		P	22.5
6	☐			225.01		P	18.5
7	☐			458.35		P	1.8
8	☐			1052.85		P	6.1

156 Dy [He] No available calibration points

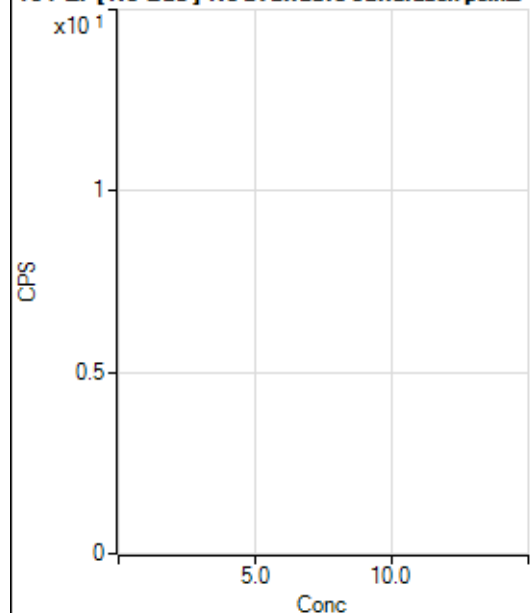
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	33.3
2	☐			8.89		P	43.3
3	☐			34.44		P	36.6
4	☐			58.89		P	31.2
5	☐			113.34		P	13.5
6	☐			263.34		P	7.0
7	☐			432.24		P	14.9
8	☐			583.36		P	11.1

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

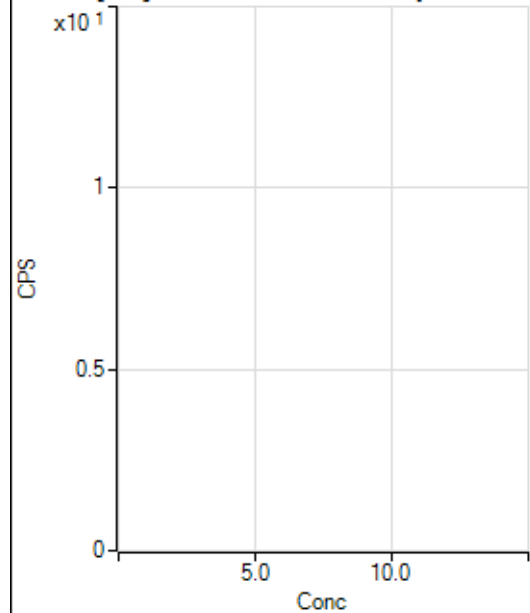
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			100.00		P	22.0
2	☐			100.00		P	38.2
3	☐			113.89		P	33.8
4	☐			119.45		P	14.5
5	☐			113.89		P	18.4
6	☐			208.34		P	12.0
7	☐			266.68		P	13.6
8	☐			786.16		P	6.0

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			393.34		P	7.4
2	☐			390.01		P	6.7
3	☐			427.79		P	5.5
4	☐			435.57		P	5.7
5	☐			413.34		P	2.9
6	☐			373.34		P	3.2
7	☐			508.90		P	4.8
8	☐			766.70		P	7.8

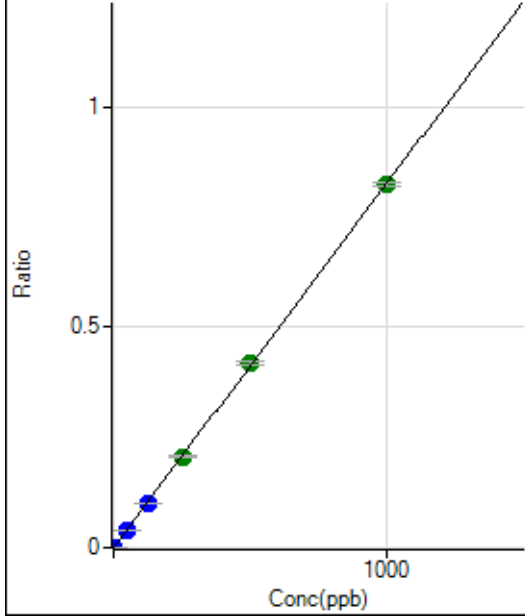
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			108.34		P	7.7
2	☐			125.01		P	30.5
3	☐			108.34		P	58.1
4	☐			125.00		P	29.1
5	☐			180.56		P	23.2
6	☐			194.45		P	22.0
7	☐			183.34		P	27.3
8	☐			150.00		P	27.8

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			67.78		P	32.0
2	☐			72.22		P	14.8
3	☐			100.00		P	35.1
4	☐			73.34		P	20.8
5	☐			92.22		P	17.8
6	☐			107.78		P	18.1
7	☐			166.67		P	16.4
8	☐			134.44		P	14.1

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	316.68	0.0000	P	20.5
2	☐	1.000	0.899	8269.39	0.0008	P	2.9
3	☐	50.000	48.600	429114.99	0.0402	P	1.7
4	☐	125.000	119.622	1054650.82	0.0988	P	1.3
5	☐	250.000	249.864	2218364.65	0.2063	A	1.6
6	☐	500.000	507.613	4414266.81	0.4191	A	1.4
7	☐	1000.000	996.970	8750372.68	0.8231	A	0.9
8	☐			16165.54	0.0018	P	0.5

$$y = 8.2561E-004 * x + 2.9361E-005$$

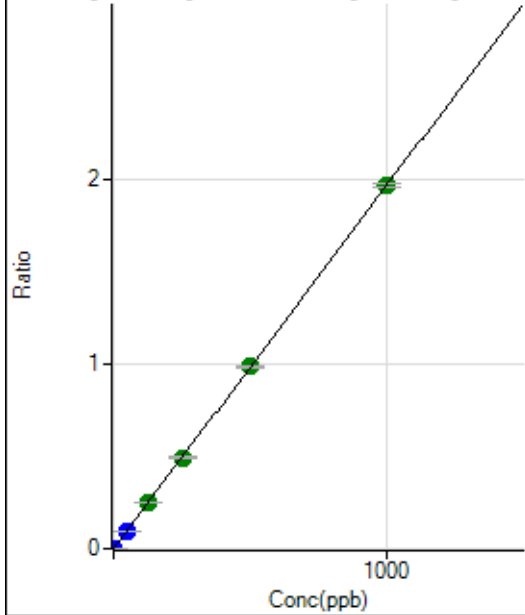
$$R = 0.9999$$

$$DL = 0.02188$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	800.05	0.0001	P	17.8
2	☐	1.000	0.922	20260.01	0.0019	P	3.2
3	☐	50.000	49.025	1033242.71	0.0967	P	0.8
4	☐	125.000	125.424	2639507.22	0.2472	A	0.9
5	☐	250.000	249.241	5281672.99	0.4912	A	2.3
6	☐	500.000	501.418	10408138.08	0.9882	A	0.7
7	☐	1000.000	999.476	20939351.34	1.9697	A	1.1
8	☐			37783.98	0.0041	P	2.0

$$y = 0.0020 * x + 7.4210E-005$$

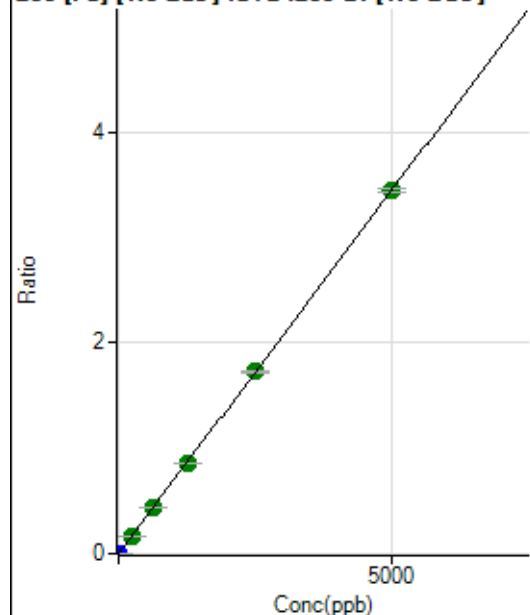
$$R = 1.0000$$

$$DL = 0.02016$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	205.56	0.0000	P	6.8
2	☐	1.000	0.893	6798.10	0.0006	P	1.5
3	☐	250.000	250.777	1847324.71	0.1729	A	0.5
4	☐	625.000	626.934	4613353.34	0.4321	A	1.0
5	☐	1250.000	1244.348	9221832.50	0.8577	A	1.8
6	☐	2500.000	2508.243	18208210.13	1.7288	A	1.3
7	☐	5000.000	4997.011	36614738.78	3.4442	A	1.2
8	☐			58427.13	0.0064	P	0.5

$$y = 6.8925E-004 * x + 1.9057E-005$$

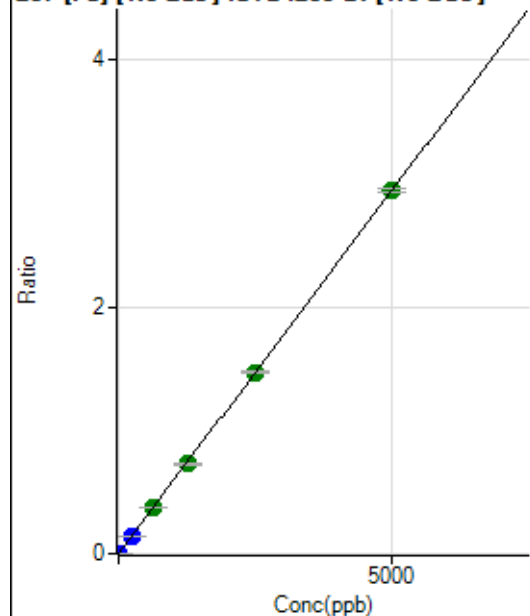
$$R = 1.0000$$

$$DL = 0.005655$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	203.71	0.0000	P	10.6
2	☐	1.000	0.842	5504.95	0.0005	P	5.1
3	☐	250.000	231.085	1451185.42	0.1358	P	1.7
4	☐	625.000	631.375	3960633.51	0.3710	A	0.5
5	☐	1250.000	1239.479	7830608.86	0.7283	A	1.6
6	☐	2500.000	2501.660	15481314.47	1.4699	A	1.1
7	☐	5000.000	5001.949	31242709.03	2.9390	A	1.0
8	☐			47525.58	0.0052	P	0.5

$$y = 5.8756E-004 * x + 1.8891E-005$$

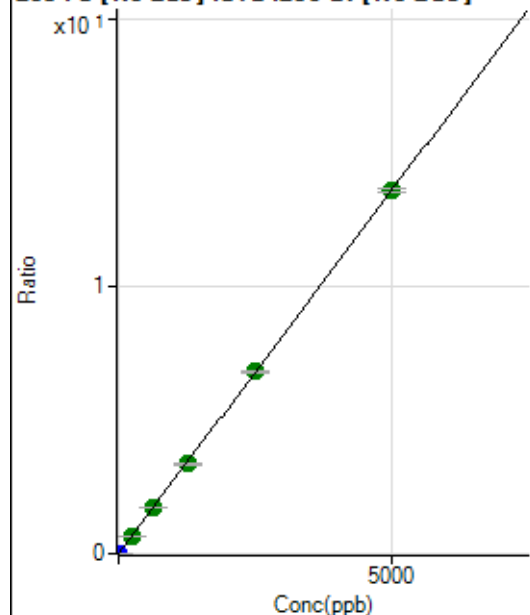
$$R = 1.0000$$

$$DL = 0.0102$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	864.84	0.0001	P	5.0
2	☐	1.000	0.895	26903.74	0.0025	P	1.7
3	☐	250.000	247.951	7199274.25	0.6737	A	0.2
4	☐	625.000	625.799	18150833.77	1.7002	A	0.5
5	☐	1250.000	1239.393	36203505.21	3.3671	A	1.6
6	☐	2500.000	2509.677	71810064.80	6.8180	A	0.9
7	☐	5000.000	4997.816	144336896.7	13.5774	A	1.1
8	☐			225598.55	0.0247	P	0.1

$$y = 0.0027 * x + 8.0185E-005$$

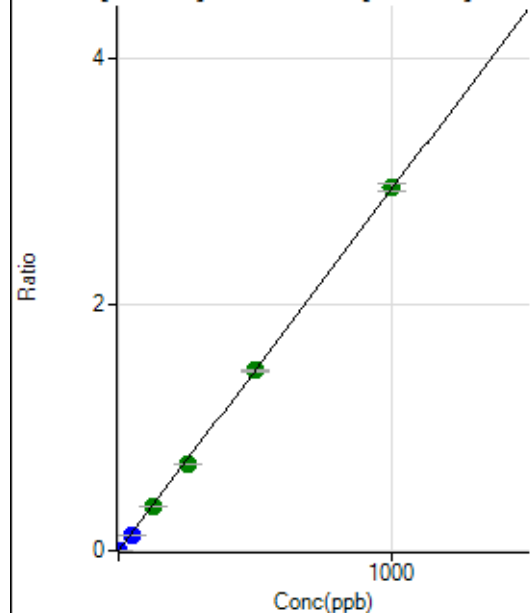
$$R = 1.0000$$

$$DL = 0.004416$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	461.13	0.0000	P	8.1
2	☐	1.000	0.782	25056.07	0.0023	P	1.2
3	☐	50.000	42.917	1347759.45	0.1261	P	0.8
4	☐	125.000	121.563	3812980.26	0.3571	A	0.5
5	☐	250.000	240.551	7598761.80	0.7067	A	0.9
6	☐	500.000	497.863	15404123.72	1.4626	A	1.2
7	☐	1000.000	1004.215	31359658.34	2.9500	A	2.1
8	☐			43104.01	0.0047	P	0.9

$$y = 0.0029 * x + 4.2749E-005$$

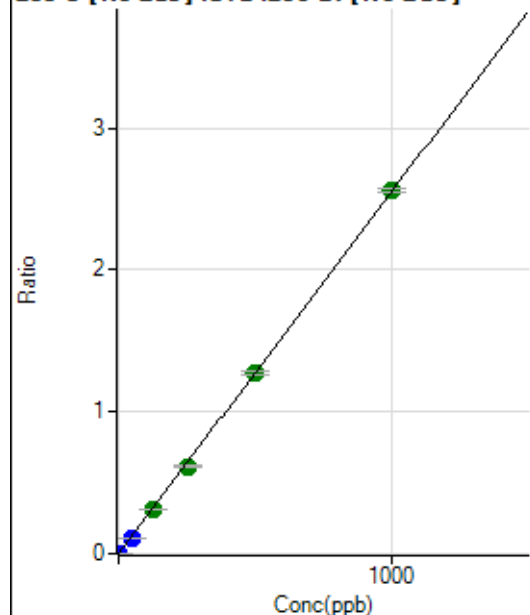
$$R = 0.9999$$

$$DL = 0.003531$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	16.8
2	☐	1.000	0.842	23063.16	0.0022	P	1.5
3	☐	50.000	44.563	1214336.26	0.1136	P	0.7
4	☐	125.000	121.681	3312484.38	0.3103	A	0.9
5	☐	250.000	241.005	6607731.44	0.6145	A	1.5
6	☐	500.000	499.305	13408873.65	1.2731	A	1.3
7	☐	1000.000	1003.283	27194612.76	2.5582	A	0.9
8	☐			38896.44	0.0043	P	1.9

$$y = 0.0025 * x + 4.6367E-006$$

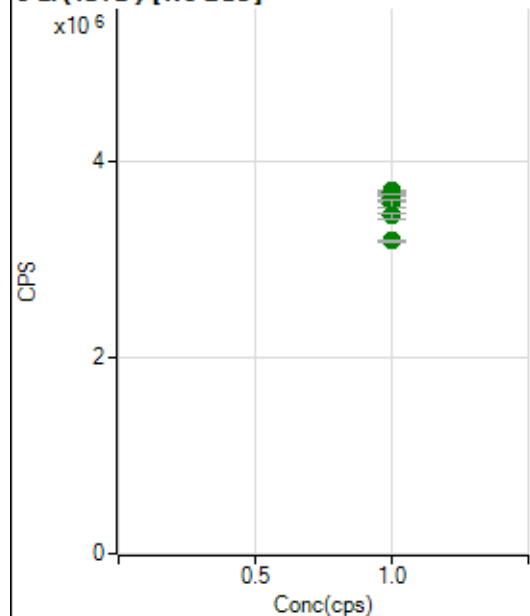
$$R = 1.0000$$

$$DL = 0.0009164$$

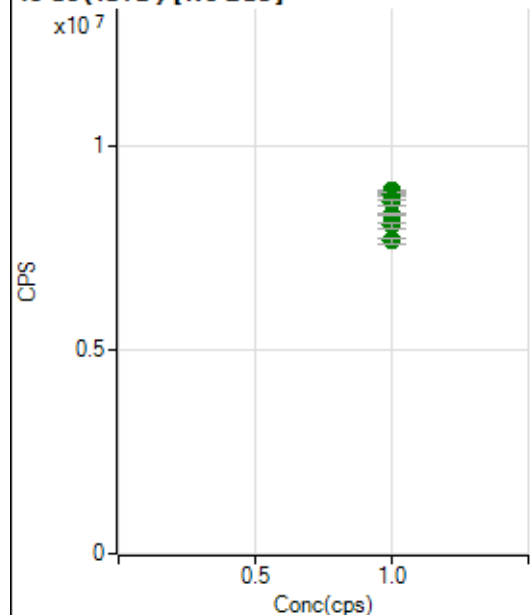
Weight: <None>

Min Conc: 0

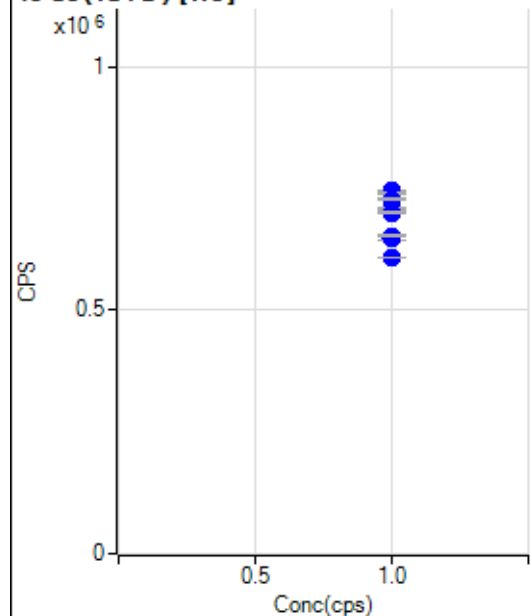
6 Li (ISTD) [No Gas]



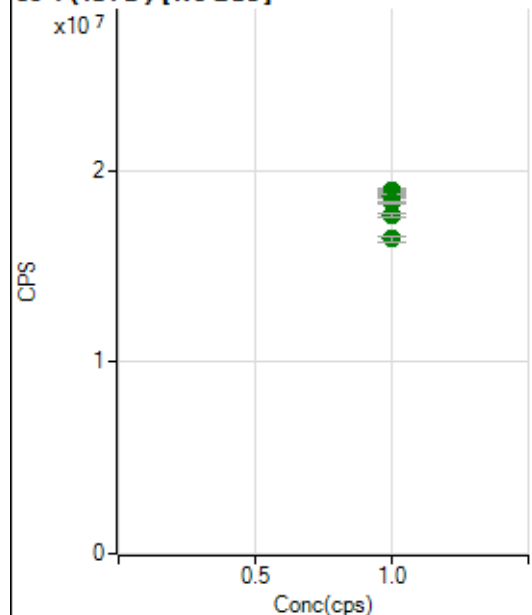
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3621606.93		A	1.6
2	☐	1.000		3697272.79		A	0.8
3	☐	1.000		3674287.69		A	1.0
4	☐	1.000		3688851.54		A	1.0
5	☐	1.000		3668002.13		A	0.3
6	☐	1.000		3571276.13		A	1.9
7	☐	1.000		3442933.14		A	1.8
8	☐	1.000		3187004.22		A	0.7

45 Sc (ISTD) [No Gas]

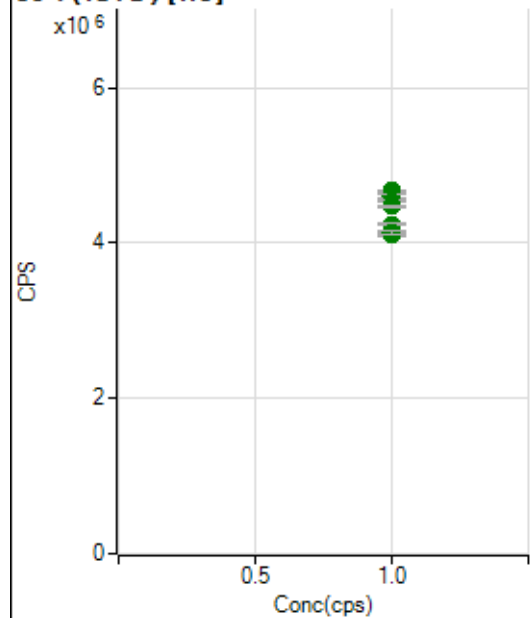
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8912548.83		A	0.4
2	☐	1.000		8808158.62		A	0.5
3	☐	1.000		8840428.20		A	1.3
4	☐	1.000		8679584.80		A	0.0
5	☐	1.000		8622015.22		A	1.3
6	☐	1.000		8325301.54		A	0.5
7	☐	1.000		8057451.89		A	2.2
8	☐	1.000		7677696.00		A	1.4

45 Sc (ISTD) [He]

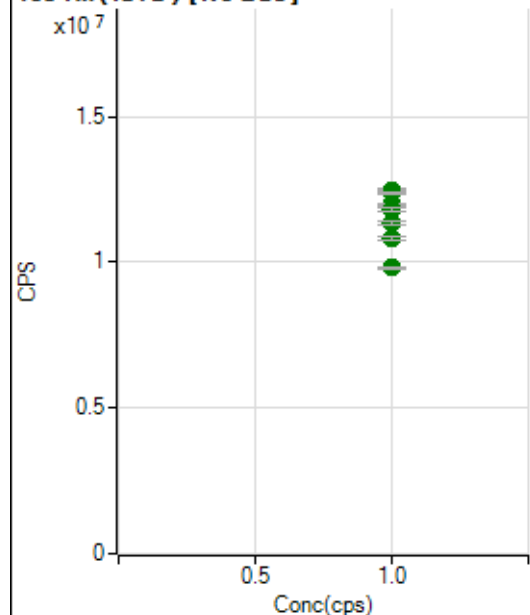
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		744562.31		P	0.9
2	☐	1.000		739076.23		P	0.4
3	☐	1.000		727376.47		P	0.5
4	☐	1.000		707187.31		P	0.6
5	☐	1.000		700018.78		P	0.5
6	☐	1.000		646244.38		P	1.0
7	☐	1.000		606926.32		P	0.3
8	☐	1.000		652551.35		P	0.7

89 Y (ISTD) [No Gas]

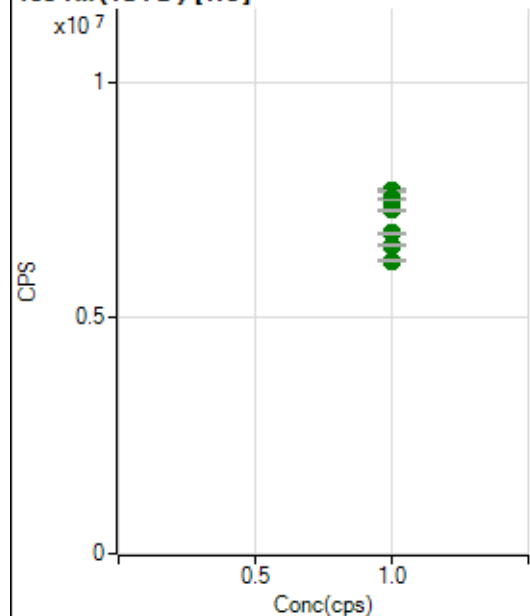
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		18944945.14		A	1.3
2	☐	1.000		18879938.19		A	1.4
3	☐	1.000		18849393.89		A	0.6
4	☐	1.000		18599956.94		A	0.8
5	☐	1.000		18690019.86		A	0.7
6	☐	1.000		18333223.48		A	1.0
7	☐	1.000		17687593.63		A	1.3
8	☐	1.000		16458031.56		A	1.9

89 Y (ISTD) [He]

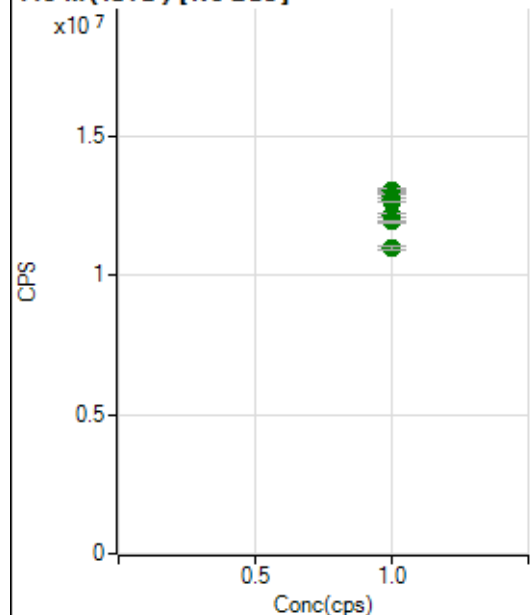
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4669012.36		A	0.4
2	☐	1.000		4647140.42		A	0.4
3	☐	1.000		4596191.25		A	0.9
4	☐	1.000		4536542.26		A	0.8
5	☐	1.000		4468356.36		A	0.4
6	☐	1.000		4238270.01		A	0.3
7	☐	1.000		4107218.20		A	0.9
8	☐	1.000		4137958.34		A	1.1

103 Rh (ISTD) [No Gas]

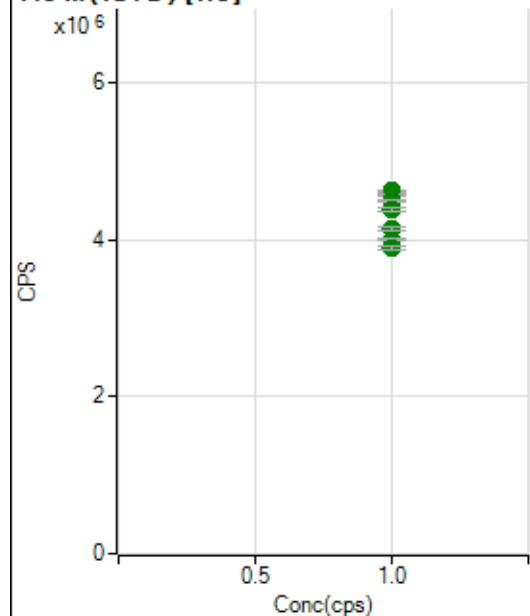
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12450592.59		A	0.9
2	☐	1.000		12435726.20		A	0.6
3	☐	1.000		12396209.12		A	0.4
4	☐	1.000		11990241.07		A	0.8
5	☐	1.000		11824704.13		A	1.0
6	☐	1.000		11359381.64		A	0.8
7	☐	1.000		10813942.41		A	1.4
8	☐	1.000		9801818.33		A	1.2

103 Rh (ISTD) [He]

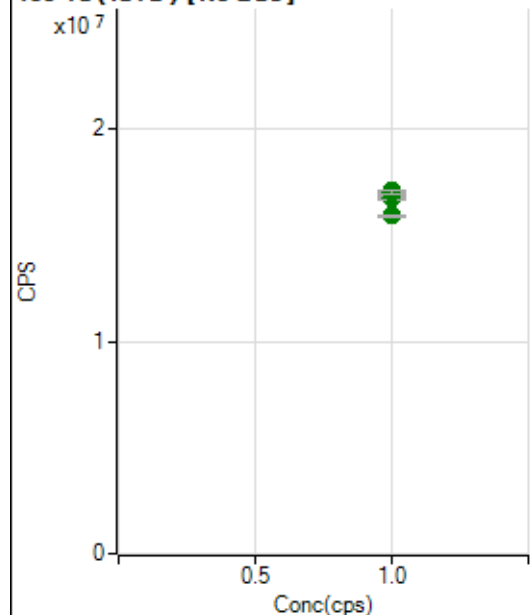
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7692675.37		A	1.0
2	☐	1.000		7691891.62		A	0.2
3	☐	1.000		7527214.33		A	0.7
4	☐	1.000		7500885.17		A	0.1
5	☐	1.000		7291918.30		A	0.6
6	☐	1.000		6791113.86		A	0.9
7	☐	1.000		6540694.00		A	1.0
8	☐	1.000		6216977.13		A	0.6

115 In (ISTD) [No Gas]

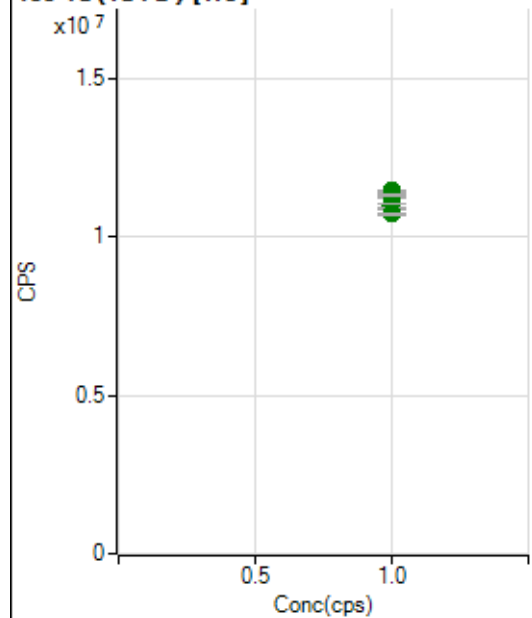
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13028207.54		A	0.2
2	☐	1.000		13042598.66		A	1.0
3	☐	1.000		12866118.52		A	0.8
4	☐	1.000		12712990.47		A	0.7
5	☐	1.000		12634576.23		A	0.3
6	☐	1.000		12162449.89		A	1.1
7	☐	1.000		11939480.32		A	0.4
8	☐	1.000		11000830.29		A	1.4

115 In (ISTD) [He]

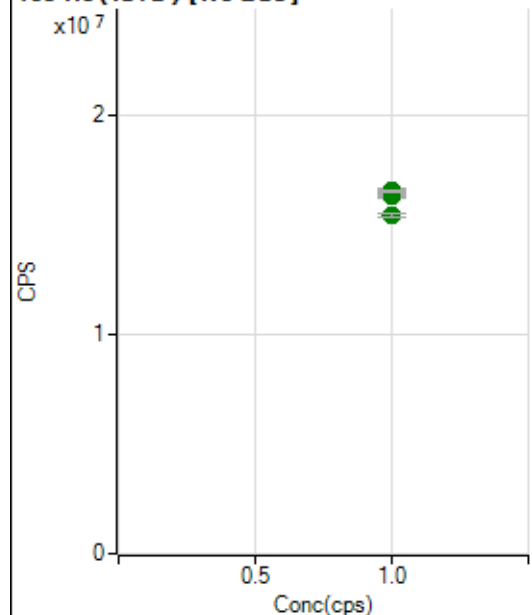
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4621816.54		A	0.8
2	☐	1.000		4589017.78		A	1.4
3	☐	1.000		4571839.58		A	0.6
4	☐	1.000		4499257.15		A	0.8
5	☐	1.000		4387372.21		A	1.0
6	☐	1.000		4141677.09		A	1.6
7	☐	1.000		4004520.15		A	1.1
8	☐	1.000		3904812.72		A	1.2

159 Tb (ISTD) [No Gas]

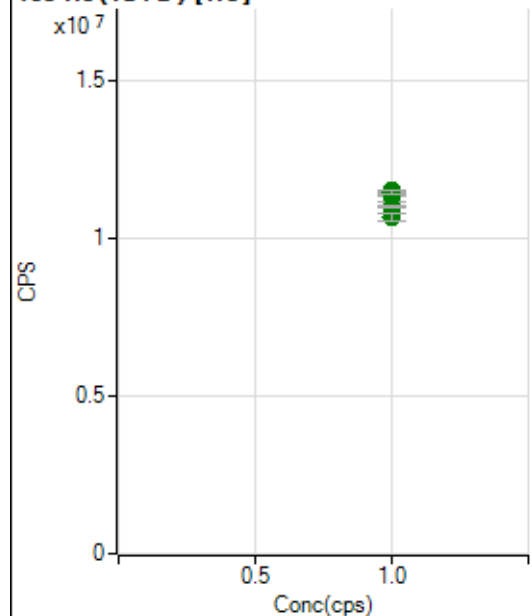
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		17105001.83		A	0.2
2	☐	1.000		16795563.09		A	0.0
3	☐	1.000		17048507.80		A	0.9
4	☐	1.000		16923759.89		A	0.2
5	☐	1.000		17047688.08		A	0.9
6	☐	1.000		16765150.59		A	0.6
7	☐	1.000		17028447.94		A	0.7
8	☐	1.000		15914302.26		A	0.8

159 Tb (ISTD) [He]

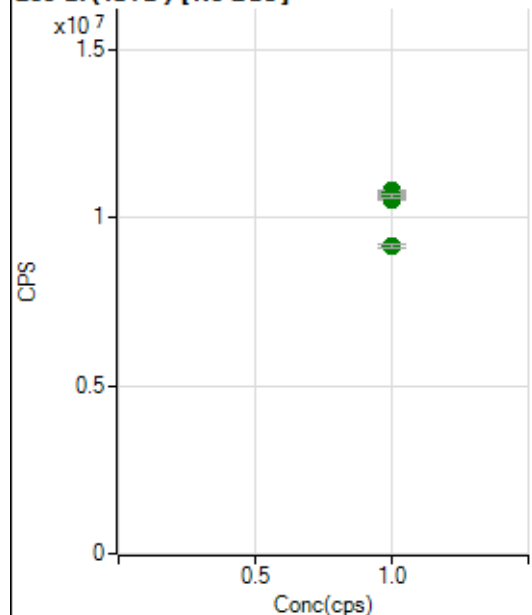
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11460222.61		A	0.6
2	☐	1.000		11226743.30		A	0.3
3	☐	1.000		11286065.94		A	1.0
4	☐	1.000		11372828.16		A	0.8
5	☐	1.000		11318537.61		A	0.8
6	☐	1.000		10963238.93		A	1.5
7	☐	1.000		10990841.43		A	0.8
8	☐	1.000		10729809.77		A	0.7

165 Ho (ISTD) [No Gas]

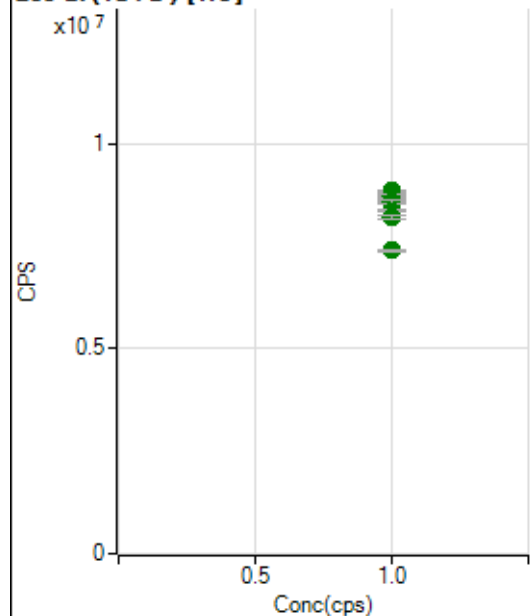
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16555281.28		A	1.0
2	☐	1.000		16297936.98		A	1.2
3	☐	1.000		16550362.81		A	0.4
4	☐	1.000		16388035.45		A	0.8
5	☐	1.000		16516894.89		A	0.5
6	☐	1.000		16379660.03		A	0.4
7	☐	1.000		16499496.42		A	0.5
8	☐	1.000		15448000.46		A	1.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11501946.63		A	0.4
2	☐	1.000		11338290.73		A	0.3
3	☐	1.000		11405831.22		A	0.5
4	☐	1.000		11368029.41		A	0.1
5	☐	1.000		11453933.51		A	1.1
6	☐	1.000		11053591.64		A	1.4
7	☐	1.000		10989190.11		A	0.5
8	☐	1.000		10670380.68		A	1.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10784875.46		A	0.4
2	☐	1.000		10713656.57		A	0.7
3	☐	1.000		10686483.18		A	0.2
4	☐	1.000		10676056.44		A	0.4
5	☐	1.000		10753199.56		A	0.9
6	☐	1.000		10532654.78		A	0.6
7	☐	1.000		10630755.54		A	0.7
8	☐	1.000		9138965.28		A	0.8

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8837128.89		A	0.7
2	☐	1.000		8755226.74		A	1.3
3	☐	1.000		8722544.87		A	0.9
4	☐	1.000		8560946.68		A	0.3
5	☐	1.000		8568730.50		A	1.2
6	☐	1.000		8356524.25		A	0.5
7	☐	1.000		8186795.50		A	1.5
8	☐	1.000		7396945.31		A	0.7

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP7061822MS.b
Acq. Date-Time 2022-06-18 16:09:31
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		9765	97651.96			0.554	5.000
24		89171	891711.03			0.545	5.000
25		11774	117742.40			0.193	5.000
26		13194	131939.85			0.433	5.000
59		23273	232732.52			0.669	5.000
113		10878	108775.85			0.859	5.000
115		31185	311852.85			0.688	5.000
206		15654	156536.69			0.876	5.000
207		13332	133324.45			0.645	5.000
208		31965	319647.13			0.301	5.000
220		0	2.20			25.913	

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

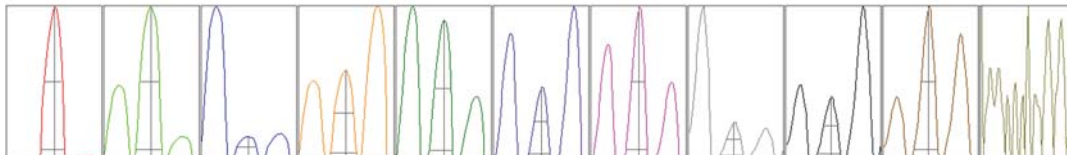
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	9677	9761	9814	9804	9769
24	89175	88931	89937	89192	88621
25	11737	11792	11779	11772	11791
26	13139	13191	13152	13284	13205
59	23088	23136	23421	23303	23419
113	10787	10819	10989	10968	10825
115	31438	31153	31247	31239	30850
206	15481	15614	15786	15801	15586
207	13331	13310	13477	13250	13294
208	31952	31812	32056	31967	32037

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	18274.02	9.05	8.90 - 9.10	
24	152385.44	24.00	23.90 - 24.10	
25	20490.96	25.00	24.90 - 25.10	
26	23175.32	26.00	25.90 - 26.10	
59	45977.96	59.05	58.90 - 59.10	
113	26019.34	113.05	112.90 - 113.10	
115	74324.96	115.05	114.90 - 115.10	
206	34982.02	205.95	205.90 - 206.10	
207	29678.86	206.95	206.90 - 207.10	
208	73387.21	207.95	207.90 - 208.10	
220	0.00	219.90	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.57	0.740	0.900	
24	0.61	0.822	0.900	
25	0.60	0.774	0.900	
26	0.61	0.819	0.900	
59	0.52	0.736	0.900	
113	0.42	0.659	0.900	
115	0.42	0.673	0.900	
206	0.45	0.734	0.900	
207	0.46	0.734	0.900	
208	0.44	0.760	0.900	
220	0.35	0.350		

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	8.7 V	Deflect	14.6 V
Extract 2	-130.0 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	200 V		

QP Parameters

Mass Gain	123	Axis Gain	0.9999	QP Bias	-3.0 V
Mass Offset	125	Axis Offset	0.02		

Hardware Settings

Torch

Torch H	-0.9 mm	Torch V	1.0 mm
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EM

Discriminator	3.1 mV	Analog HV	2187 V	Pulse HV	1459 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		8098	80977.83			0.336	
89		70151	701514.15			0.704	
205		48167	481665.42			0.575	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	8133	8059	8103	8106	8088
89	70866	69844	70041	70399	69607
205	48406	48044	48513	47873	47997

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	9.4 V	Deflect	3.2 V
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US EPA Tune Check Report

Extract 2	-150.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-70 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	0.9999	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	0.02		

Hardware Settings

Torch

Torch H	-0.9 mm	Torch V	1.0 mm
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EM

Discriminator	3.1 mV	Analog HV	2187 V	Pulse HV	1459 V
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LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 16:47:26	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.29	-0.43	0.14	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	-0.01	0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.01	-0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.16	-0.01	0.17	0.00	N/A	ppb
Boron	11-1	0.10	-0.05	-0.06	0.00	N/A	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.10	0.00	-0.10	0.00	N/A	ppb
Cadmium	106-1	1.56	0.14	-1.70	0.00	N/A	ppb
Cadmium	108-1	-0.15	0.11	0.04	0.00	N/A	ppb
Calcium	43-1	2.79	-0.90	-1.89	0.00	N/A	ppb
Calcium	44-1	-1.23	-0.04	1.28	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.02	0.03	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.02	0.00	0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.10	0.10	0.00	0.00	N/A	ppb
Iron	57-2	-0.32	0.32	0.00	0.00	N/A	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 16:47:26	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-0.02	0.33	-0.31	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.05	-0.08	0.03	0.00	N/A	ppb
Manganese	55-2	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	94-1	-0.01	0.02	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.00	0.00	N/A	ppb
Phosphorus	31-2	-13.06	3.60	-11.22	-6.90		ppb
Potassium	39-2	-1.42	-0.44	1.86	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.25	0.07	0.18	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.24	0.31	-0.55	0.00	N/A	ppb
Silicon	28-1	-0.01	0.05	-0.04	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	0.25	-0.97	0.72	0.00	N/A	ppb
Strontium	86-1	0.00	0.02	-0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-27.66	-8.79	-54.10	-30.18		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	-0.01	0.00	0.00	N/A	ppb
Thallium	205-1	0.01	0.00	-0.01	0.00	N/A	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 16:47:26	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	0.00	0.02	0.00	N/A	ppb
Titanium	47-1	0.00	-0.03	0.03	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.05	0.02	0.02	0.00	N/A	ppb
Zirconium	90-1	-0.01	0.01	0.00	0.00	N/A	ppb
Zirconium	91-1	-0.01	0.00	0.01	0.00	N/A	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 16:50:21	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.78	20.22	19.44	19.81	1.99	ppb
Antimony	121-1	2.08	2.20	2.06	2.11	3.48	ppb
Arsenic	75-2	1.09	1.06	1.07	1.08	1.31	ppb
Barium	135-1	10.01	10.30	9.60	9.97	3.55	ppb
Barium	137-1	10.32	10.04	10.50	10.29	2.26	ppb
Beryllium	9-1	1.09	1.09	1.04	1.07	2.81	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	11.18	11.25	11.30	11.24	0.56	ppb
Boron	11-1	11.05	11.61	11.68	11.45	3.02	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.14	1.05	1.27	1.15	9.72	ppb
Cadmium	106-1	1.13	0.75	3.03	1.64	74.52	ppb
Cadmium	108-1	0.79	1.28	0.76	0.94	31.00	ppb
Calcium	43-1	496.87	491.79	518.70	502.45	2.84	ppb
Calcium	44-1	522.50	520.00	535.14	525.88	1.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.04	1.95	1.95	1.98	2.73	ppb
Cobalt	59-2	1.04	1.03	1.05	1.04	1.24	ppb
Copper	63-2	2.11	2.11	2.06	2.09	1.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	52.54	52.00	52.19	52.24	0.52	ppb
Iron	57-2	50.67	51.07	50.56	50.77	0.53	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 16:50:21	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	55.45	53.64	51.42	53.50	3.77	ppb
Krypton	83-1						cps
Lead	206-1	0.91	0.88	0.89	0.89	1.53	ppb
Lead	207-1	0.80	0.85	0.88	0.84	5.24	ppb
Lead	208-1	0.89	0.88	0.91	0.89	1.74	ppb
Lithium	6-1				102		%
Magnesium	24-2	501.15	500.66	498.17	499.99	0.32	ppb
Manganese	55-2	1.03	1.04	0.97	1.01	3.73	ppb
Molybdenum	94-1	6.00	5.90	6.06	5.99	1.36	ppb
Molybdenum	95-1	4.95	5.13	5.24	5.10	2.88	ppb
Molybdenum	96-1	5.24	5.23	5.28	5.25	0.60	ppb
Molybdenum	97-1	5.23	5.30	5.18	5.24	1.15	ppb
Molybdenum	98-1	5.12	5.19	5.16	5.16	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.10	1.04	1.07	3.14	ppb
Phosphorus	31-2	11.46	10.02	-0.80	6.90	97.19	ppb
Potassium	39-2	532.26	535.70	533.85	533.94	0.32	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	4.94	4.69	4.51	4.71	4.65	ppb
Selenium	77-2	6.71	4.26	6.31	5.76	22.76	ppb
Selenium	78-2	4.58	5.31	6.32	5.40	16.15	ppb
Silicon	28-1	0.94	1.02	1.04	1.00	5.46	ppb
Silver	107-1	0.84	1.00	0.97	0.94	8.90	ppb
Silver	109-1	0.82	0.90	0.97	0.89	8.49	ppb
Sodium	23-2	485.33	483.79	480.61	483.24	0.50	ppb
Strontium	86-1	1.09	1.03	1.03	1.05	2.96	ppb
Strontium	88-1	1.01	1.03	1.03	1.02	1.36	ppb
Sulfur	34-1	-52.63	55.36	87.82	30.18	243.62	ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	0.93	0.90	0.87	0.90	3.01	ppb
Thallium	205-1	0.92	0.96	0.89	0.92	3.34	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 16:50:21	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.78	0.79	0.77	0.78	1.21	ppb
Tin	118-1	5.36	5.27	5.47	5.37	1.88	ppb
Titanium	47-1	5.08	5.16	5.32	5.19	2.43	ppb
Uranium	238-1	0.86	0.83	0.84	0.84	1.49	ppb
Vanadium	51-2	4.88	4.91	5.06	4.95	1.88	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	2.21	2.41	2.27	2.30	4.51	ppb
Zirconium	90-1	0.95	0.97	1.01	0.97	3.09	ppb
Zirconium	91-1	0.98	0.95	0.99	0.98	1.95	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 16:53:17	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1043.77	1036.03	1040.38	1040.06	0.37	ppb
Antimony	121-1	52.39	54.73	54.78	53.96	2.53	ppb
Arsenic	75-2	53.10	53.48	53.99	53.52	0.84	ppb
Barium	135-1	259.77	268.12	267.59	265.16	1.76	ppb
Barium	137-1	261.12	269.46	270.78	267.12	1.96	ppb
Beryllium	9-1	52.00	52.88	54.65	53.18	2.54	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	44.22	49.61	49.11	47.65	6.25	ppb
Boron	11-1	45.94	51.93	52.51	50.12	7.25	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	54.52	55.61	56.72	55.62	1.97	ppb
Cadmium	106-1	57.15	55.48	61.18	57.93	5.06	ppb
Cadmium	108-1	54.87	55.96	53.98	54.94	1.80	ppb
Calcium	43-1	5970.37	6154.55	6250.12	6125.01	2.32	ppb
Calcium	44-1	4768.47	4743.30	4901.81	4804.53	1.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.45	52.33	52.50	52.43	0.16	ppb
Cobalt	59-2	52.01	52.26	52.37	52.21	0.35	ppb
Copper	63-2	522.42	533.32	527.44	527.72	1.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	2642.79	2652.87	2644.10	2646.59	0.21	ppb
Iron	57-2	2729.24	2752.17	2749.50	2743.64	0.46	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 16:53:17	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2882.15	2853.55	2873.01	2869.57	0.51	ppb
Krypton	83-1						cps
Lead	206-1	252.23	250.02	250.08	250.78	0.50	ppb
Lead	207-1	227.52	230.29	235.45	231.08	1.74	ppb
Lead	208-1	247.40	247.95	248.50	247.95	0.22	ppb
Lithium	6-1				101		%
Magnesium	24-2	5123.58	5109.16	5038.80	5090.51	0.89	ppb
Manganese	55-2	507.23	506.79	496.11	503.38	1.25	ppb
Molybdenum	94-1	516.74	517.99	525.84	520.19	0.95	ppb
Molybdenum	95-1	523.30	521.79	524.69	523.26	0.28	ppb
Molybdenum	96-1	517.65	524.93	522.83	521.80	0.72	ppb
Molybdenum	97-1	520.99	521.66	515.46	519.37	0.66	ppb
Molybdenum	98-1	505.91	522.11	528.78	518.94	2.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.37	53.58	52.90	53.28	0.65	ppb
Phosphorus	31-2	1054.52	1095.70	985.57	1045.26	5.32	ppb
Potassium	39-2	2804.34	2787.67	2784.78	2792.27	0.38	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	53.46	54.28	53.96	53.90	0.77	ppb
Selenium	77-2	56.17	52.96	47.22	52.12	8.70	ppb
Selenium	78-2	52.31	52.69	56.62	53.87	4.44	ppb
Silicon	28-1	50.49	51.89	52.17	51.52	1.74	ppb
Silver	107-1	55.49	57.56	56.95	56.67	1.87	ppb
Silver	109-1	55.27	57.46	57.66	56.80	2.33	ppb
Sodium	23-2	5201.13	5155.02	5136.52	5164.22	0.64	ppb
Strontium	86-1	1291.61	1287.34	1309.48	1296.14	0.91	ppb
Strontium	88-1	1289.81	1299.06	1301.46	1296.78	0.47	ppb
Sulfur	34-1	1056.22	1079.07	1257.59	1130.96	9.75	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	47.67	49.05	49.08	48.60	1.67	ppb
Thallium	205-1	48.61	49.02	49.44	49.03	0.84	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 16:53:17	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	42.53	43.23	42.99	42.92	0.83	ppb
Tin	118-1	53.37	55.73	54.41	54.50	2.17	ppb
Titanium	47-1	522.87	524.08	527.72	524.89	0.48	ppb
Uranium	238-1	44.56	44.90	44.23	44.56	0.75	ppb
Vanadium	51-2	51.62	51.74	51.65	51.67	0.12	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	525.37	524.80	529.08	526.42	0.44	ppb
Zirconium	90-1	51.68	52.56	52.99	52.41	1.27	ppb
Zirconium	91-1	51.57	52.37	52.33	52.09	0.86	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 16:56:04	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2559.67	2569.86	2528.86	2552.80	0.84	ppb
Antimony	121-1	131.56	133.84	134.79	133.39	1.24	ppb
Arsenic	75-2	130.90	131.63	132.88	131.81	0.76	ppb
Barium	135-1	650.76	657.53	657.33	655.21	0.59	ppb
Barium	137-1	650.74	653.78	650.99	651.83	0.26	ppb
Beryllium	9-1	130.22	130.68	134.73	131.88	1.88	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	114.30	123.09	123.99	120.46	4.45	ppb
Boron	11-1	115.09	122.10	126.87	121.36	4.88	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	136.70	136.13	136.25	136.36	0.22	ppb
Cadmium	106-1	137.09	135.63	140.45	137.72	1.80	ppb
Cadmium	108-1	134.62	137.94	136.66	136.41	1.23	ppb
Calcium	43-1	14989.24	15038.15	15235.76	15087.71	0.87	ppb
Calcium	44-1	11878.47	11827.69	11830.11	11845.42	0.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	129.53	130.14	129.38	129.68	0.31	ppb
Cobalt	59-2	128.42	130.26	129.11	129.26	0.72	ppb
Copper	63-2	1281.68	1296.00	1287.67	1288.45	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				99		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	6524.50	6575.22	6576.63	6558.78	0.45	ppb
Iron	57-2	6766.69	6851.41	6798.10	6805.40	0.63	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 16:56:04	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	7087.22	7072.34	7025.09	7061.55	0.46	ppb
Krypton	83-1						cps
Lead	206-1	623.96	622.42	634.42	626.93	1.04	ppb
Lead	207-1	631.63	628.29	634.20	631.38	0.47	ppb
Lead	208-1	623.36	624.32	629.71	625.80	0.55	ppb
Lithium	6-1				102		%
Magnesium	24-2	12483.53	12573.23	12387.44	12481.40	0.74	ppb
Manganese	55-2	1233.00	1255.81	1243.14	1243.98	0.92	ppb
Molybdenum	94-1	1272.75	1264.02	1282.54	1273.10	0.73	ppb
Molybdenum	95-1	1280.34	1264.65	1286.13	1277.04	0.87	ppb
Molybdenum	96-1	1275.71	1259.77	1286.84	1274.11	1.07	ppb
Molybdenum	97-1	1277.31	1250.24	1302.60	1276.72	2.05	ppb
Molybdenum	98-1	1268.54	1245.39	1279.82	1264.58	1.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.18	133.12	130.98	131.09	1.50	ppb
Phosphorus	31-2	2547.15	2588.11	2653.10	2596.12	2.06	ppb
Potassium	39-2	6422.65	6432.63	6320.90	6392.06	0.97	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	132.28	131.62	133.62	132.51	0.77	ppb
Selenium	77-2	126.73	138.08	126.01	130.27	5.20	ppb
Selenium	78-2	133.00	134.27	129.54	132.27	1.85	ppb
Silicon	28-1	123.50	125.62	126.33	125.15	1.18	ppb
Silver	107-1	138.57	138.95	141.28	139.60	1.05	ppb
Silver	109-1	138.77	138.83	139.93	139.18	0.47	ppb
Sodium	23-2	12646.89	12775.14	12564.33	12662.12	0.84	ppb
Strontium	86-1	3129.91	3216.00	3180.42	3175.45	1.36	ppb
Strontium	88-1	3175.43	3215.90	3211.66	3201.00	0.69	ppb
Sulfur	34-1	2476.07	2661.45	2572.94	2570.15	3.61	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	119.02	118.51	121.34	119.62	1.26	ppb
Thallium	205-1	125.33	124.39	126.56	125.42	0.87	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 16:56:04	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	121.04	122.26	121.40	121.56	0.51	ppb
Tin	118-1	133.36	136.00	137.00	135.46	1.39	ppb
Titanium	47-1	1242.82	1295.31	1249.73	1262.62	2.26	ppb
Uranium	238-1	120.64	122.82	121.58	121.68	0.90	ppb
Vanadium	51-2	127.54	127.79	128.72	128.02	0.48	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	1286.55	1290.35	1302.09	1293.00	0.63	ppb
Zirconium	90-1	127.27	127.63	128.92	127.94	0.68	ppb
Zirconium	91-1	129.61	129.45	130.15	129.74	0.28	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 16:58:48	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5037.72	5066.72	5040.49	5048.31	0.32	ppb
Antimony	121-1	257.71	259.83	264.22	260.59	1.27	ppb
Arsenic	75-2	258.46	262.07	258.83	259.78	0.76	ppb
Barium	135-1	1283.33	1282.86	1285.52	1283.90	0.11	ppb
Barium	137-1	1296.60	1287.73	1298.27	1294.20	0.44	ppb
Beryllium	9-1	254.86	256.88	254.91	255.55	0.45	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	10-1	225.48	234.84	242.37	234.23	3.61	ppb
Boron	11-1	229.28	242.30	247.45	239.68	3.91	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	267.72	266.15	272.57	268.81	1.24	ppb
Cadmium	106-1	263.72	261.57	271.72	265.67	2.01	ppb
Cadmium	108-1	255.02	263.31	262.23	260.19	1.73	ppb
Calcium	43-1	29283.73	29784.59	30289.30	29785.88	1.69	ppb
Calcium	44-1	23318.47	23580.18	23693.34	23530.66	0.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	253.93	255.22	254.01	254.38	0.28	ppb
Cobalt	59-2	254.16	253.90	252.34	253.47	0.39	ppb
Copper	63-2	2528.14	2574.99	2530.37	2544.50	1.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	56-2	12896.66	12887.86	12816.68	12867.07	0.34	ppb
Iron	57-2	13361.19	13361.09	13311.92	13344.73	0.21	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 16:58:48	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	13305.60	13742.18	13369.54	13472.44	1.75	ppb
Krypton	83-1						cps
Lead	206-1	1218.07	1260.90	1254.08	1244.35	1.85	ppb
Lead	207-1	1216.36	1252.82	1249.25	1239.48	1.62	ppb
Lead	208-1	1216.88	1252.60	1248.71	1239.39	1.58	ppb
Lithium	6-1				101		%
Magnesium	24-2	24901.18	25070.82	24674.33	24882.11	0.80	ppb
Manganese	55-2	2449.44	2469.90	2460.84	2460.06	0.42	ppb
Molybdenum	94-1	2529.98	2515.72	2482.23	2509.31	0.98	ppb
Molybdenum	95-1	2552.40	2521.01	2487.02	2520.14	1.30	ppb
Molybdenum	96-1	2512.55	2529.37	2460.85	2500.92	1.43	ppb
Molybdenum	97-1	2520.07	2490.63	2489.18	2499.96	0.70	ppb
Molybdenum	98-1	2509.99	2497.59	2483.07	2496.89	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	258.03	258.94	256.57	257.85	0.46	ppb
Phosphorus	31-2	5245.29	5054.45	5006.84	5102.19	2.47	ppb
Potassium	39-2	12593.26	12512.81	12518.16	12541.41	0.36	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	82-1	257.47	261.84	257.70	259.00	0.95	ppb
Selenium	77-2	256.94	260.43	276.23	264.53	3.89	ppb
Selenium	78-2	261.74	265.05	259.58	262.12	1.05	ppb
Silicon	28-1	241.52	245.29	246.35	244.39	1.04	ppb
Silver	107-1	261.18	266.02	266.36	264.52	1.09	ppb
Silver	109-1	263.15	268.20	268.68	266.68	1.15	ppb
Sodium	23-2	24982.09	25058.43	25015.98	25018.83	0.15	ppb
Strontium	86-1	6279.37	6380.93	6259.42	6306.58	1.03	ppb
Strontium	88-1	6323.60	6295.10	6149.65	6256.12	1.49	ppb
Sulfur	34-1	4724.01	4874.02	5113.22	4903.75	4.00	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	245.23	252.06	252.30	249.86	1.61	ppb
Thallium	205-1	242.53	252.38	252.81	249.24	2.33	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 16:58:48	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	238.09	241.97	241.60	240.55	0.89	ppb
Tin	118-1	261.23	260.73	265.52	262.49	1.00	ppb
Titanium	47-1	2496.03	2552.14	2549.38	2532.52	1.25	ppb
Uranium	238-1	238.50	245.22	239.29	241.01	1.52	ppb
Vanadium	51-2	251.27	252.55	251.58	251.80	0.26	ppb
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	2468.11	2485.94	2498.41	2484.15	0.61	ppb
Zirconium	90-1	249.12	252.21	252.49	251.27	0.74	ppb
Zirconium	91-1	253.28	257.08	254.70	255.02	0.75	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 17:01:35	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10275.91	10162.52	10213.34	10217.26	0.56	ppb
Antimony	121-1	518.10	518.17	517.59	517.95	0.06	ppb
Arsenic	75-2	510.99	507.86	506.49	508.45	0.45	ppb
Barium	135-1	2596.24	2551.48	2567.41	2571.71	0.88	ppb
Barium	137-1	2586.00	2545.98	2545.94	2559.31	0.90	ppb
Beryllium	9-1	497.39	519.69	521.66	512.91	2.63	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Boron	10-1	451.53	483.29	515.71	483.51	6.64	ppb
Boron	11-1	452.84	490.76	513.70	485.77	6.33	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	528.57	531.58	521.66	527.27	0.96	ppb
Cadmium	106-1	516.90	528.30	521.65	522.28	1.10	ppb
Cadmium	108-1	523.53	525.36	518.91	522.60	0.64	ppb
Calcium	43-1	57314.63	58239.77	57706.91	57753.77	0.80	ppb
Calcium	44-1	47792.83	47898.06	47522.48	47737.79	0.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	499.47	491.78	501.70	497.65	1.05	ppb
Cobalt	59-2	507.33	503.60	501.08	504.01	0.62	ppb
Copper	63-2	5043.93	5003.28	5021.85	5023.02	0.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				96		%
Indium	115-1				93		%
Indium	115-2				90		%
Iron	56-2	26156.83	26276.94	26096.53	26176.77	0.35	ppb
Iron	57-2	26178.03	26538.67	26003.03	26239.91	1.04	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 17:01:35	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	26886.51	26869.13	26830.07	26861.90	0.11	ppb
Krypton	83-1						cps
Lead	206-1	2473.92	2509.79	2541.02	2508.24	1.34	ppb
Lead	207-1	2469.86	2515.08	2520.03	2501.66	1.11	ppb
Lead	208-1	2484.91	2520.30	2523.82	2509.68	0.86	ppb
Lithium	6-1				99		%
Magnesium	24-2	50012.16	49882.79	49597.90	49830.95	0.43	ppb
Manganese	55-2	4996.91	4993.24	4970.41	4986.85	0.29	ppb
Molybdenum	94-1	4983.17	5037.98	5051.61	5024.25	0.72	ppb
Molybdenum	95-1	4963.44	5008.41	5059.67	5010.50	0.96	ppb
Molybdenum	96-1	4931.50	5012.82	5009.33	4984.55	0.92	ppb
Molybdenum	97-1	4945.49	5007.09	4999.44	4984.01	0.67	ppb
Molybdenum	98-1	4933.48	5022.56	5049.75	5001.93	1.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.63	507.26	508.15	507.68	0.09	ppb
Phosphorus	31-2	10081.97	10317.40	10088.88	10162.75	1.32	ppb
Potassium	39-2	25289.31	24908.49	25144.79	25114.20	0.77	ppb
Rhodium	103-1				91		%
Rhodium	103-2				88		%
Scandium	45-1				93		%
Scandium	45-2				87		%
Selenium	82-1	498.53	499.57	514.71	504.27	1.80	ppb
Selenium	77-2	515.66	532.50	507.96	518.71	2.42	ppb
Selenium	78-2	516.13	507.27	513.52	512.31	0.89	ppb
Silicon	28-1	489.00	488.17	483.45	486.87	0.61	ppb
Silver	107-1	520.56	520.22	530.20	523.66	1.08	ppb
Silver	109-1	521.10	523.95	518.41	521.15	0.53	ppb
Sodium	23-2	50899.58	50085.58	50222.80	50402.65	0.86	ppb
Strontium	86-1	12348.21	12397.54	12717.61	12487.79	1.61	ppb
Strontium	88-1	12496.45	12370.86	12737.00	12534.77	1.48	ppb
Sulfur	34-1	9879.11	9792.20	9633.23	9768.18	1.28	ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	499.69	511.77	511.37	507.61	1.35	ppb
Thallium	205-1	497.46	503.38	503.42	501.42	0.68	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 17:01:35	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	495.68	493.37	504.53	497.86	1.18	ppb
Tin	118-1	514.57	516.27	509.95	513.60	0.64	ppb
Titanium	47-1	5140.64	5061.05	5036.15	5079.28	1.07	ppb
Uranium	238-1	492.35	499.96	505.61	499.31	1.33	ppb
Vanadium	51-2	493.99	494.49	493.22	493.90	0.13	ppb
Yttrium	89-1				97		%
Yttrium	89-2				91		%
Zinc	66-2	5039.14	5030.75	4989.37	5019.75	0.53	ppb
Zirconium	90-1	504.56	509.27	496.09	503.31	1.33	ppb
Zirconium	91-1	493.61	501.97	499.68	498.42	0.87	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 17:04:20	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20102.26	20207.29	20158.26	20155.94	0.26	ppb
Antimony	121-1	970.78	1002.69	987.92	987.13	1.62	ppb
Arsenic	75-2	986.98	995.25	994.68	992.30	0.47	ppb
Barium	135-1	4930.76	4998.48	4924.17	4951.14	0.83	ppb
Barium	137-1	4918.37	5017.13	4929.75	4955.09	1.09	ppb
Beryllium	9-1	981.90	1011.70	979.81	991.14	1.80	ppb
Bismuth	209-1				99		%
Bismuth	209-2				93		%
Boron	10-1	956.68	1036.69	1046.27	1013.22	4.86	ppb
Boron	11-1	957.58	1022.33	1051.54	1010.49	4.76	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	970.24	985.17	984.48	979.96	0.86	ppb
Cadmium	106-1	971.85	986.14	990.87	982.95	1.01	ppb
Cadmium	108-1	966.20	999.76	987.49	984.48	1.72	ppb
Calcium	43-1	109761.75	112511.55	111997.00	111423.43	1.31	ppb
Calcium	44-1	91703.06	93486.33	92074.55	92421.31	1.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	996.55	1014.18	987.39	999.37	1.36	ppb
Cobalt	59-2	993.80	1003.75	991.90	996.49	0.64	ppb
Copper	63-2	9988.16	10021.02	9904.34	9971.17	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				96		%
Indium	115-1				92		%
Indium	115-2				87		%
Iron	56-2	52206.74	52603.47	51840.85	52217.02	0.73	ppb
Iron	57-2	52235.88	51661.06	52069.78	51988.91	0.57	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 17:04:20	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	53036.37	53533.78	53221.89	53264.01	0.47	ppb
Krypton	83-1						cps
Lead	206-1	4926.86	5040.05	5024.12	4997.01	1.23	ppb
Lead	207-1	4956.29	5055.16	4994.40	5001.95	1.00	ppb
Lead	208-1	4943.08	5049.88	5000.49	4997.82	1.07	ppb
Lithium	6-1				95		%
Magnesium	24-2	98699.88	99570.39	99382.05	99217.44	0.46	ppb
Manganese	55-2	9991.74	10137.61	9922.08	10017.14	1.10	ppb
Molybdenum	94-1	9882.78	10060.09	10002.07	9981.65	0.91	ppb
Molybdenum	95-1	9882.65	10060.13	10012.73	9985.17	0.92	ppb
Molybdenum	96-1	9823.90	10042.89	10143.39	10003.39	1.63	ppb
Molybdenum	97-1	9793.85	10015.14	10202.11	10003.70	2.04	ppb
Molybdenum	98-1	9937.92	9981.60	10071.61	9997.04	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	994.23	992.09	993.50	993.27	0.11	ppb
Phosphorus	31-2	19743.64	20132.23	19760.52	19878.80	1.10	ppb
Potassium	39-2	49501.70	49893.17	49453.32	49616.06	0.49	ppb
Rhodium	103-1				87		%
Rhodium	103-2				85		%
Scandium	45-1				90		%
Scandium	45-2				82		%
Selenium	82-1	979.54	1007.36	996.55	994.48	1.41	ppb
Selenium	77-2	981.00	988.84	988.90	986.25	0.46	ppb
Selenium	78-2	982.83	993.82	992.49	989.71	0.61	ppb
Silicon	28-1	994.62	1005.30	1023.96	1007.96	1.47	ppb
Silver	107-1	964.03	996.96	986.15	982.38	1.71	ppb
Silver	109-1	971.73	989.36	988.33	983.14	1.01	ppb
Sodium	23-2	101339.15	101692.50	101488.11	101506.59	0.17	ppb
Strontium	86-1	24548.64	25180.38	25221.02	24983.35	1.51	ppb
Strontium	88-1	24499.62	25169.51	25238.61	24969.25	1.63	ppb
Sulfur	34-1	19649.01	20175.76	20549.19	20124.66	2.25	ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	988.81	1007.00	995.10	996.97	0.93	ppb
Thallium	205-1	987.64	1008.17	1002.62	999.48	1.06	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 17:04:20	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	986.65	1027.59	998.40	1004.21	2.10	ppb
Tin	118-1	975.12	1001.51	989.01	988.54	1.34	ppb
Titanium	47-1	9826.91	9984.26	10037.06	9949.41	1.10	ppb
Uranium	238-1	997.87	1014.16	997.82	1003.28	0.94	ppb
Vanadium	51-2	999.30	1013.27	993.85	1002.14	1.00	ppb
Yttrium	89-1				93		%
Yttrium	89-2				88		%
Zinc	66-2	9986.20	10060.57	9915.40	9987.39	0.73	ppb
Zirconium	90-1	987.26	998.78	1006.57	997.54	0.97	ppb
Zirconium	91-1	985.62	1006.73	1004.17	998.84	1.15	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 17:07:08	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100147.25	99253.70	100427.90	99942.95	0.61	ppb
Antimony	121-1	2.86	2.76	2.83	2.82	1.88	ppb
Arsenic	75-2	1.91	2.00	1.83	1.91	4.36	ppb
Barium	135-1	10.69	10.71	10.36	10.59	1.82	ppb
Barium	137-1	10.78	11.04	10.95	10.92	1.18	ppb
Beryllium	9-1	1.81	1.94	1.86	1.87	3.50	ppb
Bismuth	209-1				85		%
Bismuth	209-2				84		%
Boron	10-1	47.90	43.28	39.81	43.66	9.29	ppb
Boron	11-1	49.31	44.58	40.31	44.73	10.07	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.85	1.71	1.70	1.75	4.57	ppb
Cadmium	106-1	1.84	-0.03	0.64	0.82	115.75	ppb
Cadmium	108-1	2.16	1.56	1.79	1.84	16.63	ppb
Calcium	43-1	494540.38	502333.99	492999.72	496624.70	1.01	ppb
Calcium	44-1	497360.62	505533.15	502607.39	501833.72	0.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.23	4.24	4.28	4.25	0.64	ppb
Cobalt	59-2	4.31	4.28	4.34	4.31	0.69	ppb
Copper	63-2	16.02	16.14	16.10	16.09	0.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				93		%
Indium	115-1				84		%
Indium	115-2				84		%
Iron	56-2	250893.28	247904.94	249435.93	249411.38	0.60	ppb
Iron	57-2	249435.23	249982.86	248840.91	249419.67	0.23	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 17:07:08	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	247838.41	246311.50	253115.29	249088.40	1.43	ppb
Krypton	83-1						cps
Lead	206-1	9.20	9.25	9.30	9.25	0.53	ppb
Lead	207-1	8.81	8.78	8.86	8.82	0.46	ppb
Lead	208-1	9.06	9.05	9.06	9.06	0.10	ppb
Lithium	6-1				88		%
Magnesium	24-2	500701.88	502145.11	497689.63	500178.87	0.45	ppb
Manganese	55-2	24.32	24.07	24.06	24.15	0.61	ppb
Molybdenum	94-1	20.23	18.65	19.03	19.30	4.26	ppb
Molybdenum	95-1	19.36	18.77	18.38	18.84	2.63	ppb
Molybdenum	96-1	20.45	19.82	20.03	20.10	1.59	ppb
Molybdenum	97-1	18.80	18.93	18.65	18.79	0.77	ppb
Molybdenum	98-1	19.17	18.76	17.84	18.59	3.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.95	4.87	4.85	4.89	1.01	ppb
Phosphorus	31-2	33.93	26.23	38.30	32.82	18.62	ppb
Potassium	39-2	248467.65	248993.83	252708.78	250056.76	0.92	ppb
Rhodium	103-1				79		%
Rhodium	103-2				81		%
Scandium	45-1				86		%
Scandium	45-2				88		%
Selenium	82-1	1.96	2.50	2.05	2.17	13.31	ppb
Selenium	77-2	1.27	3.29	1.74	2.10	50.23	ppb
Selenium	78-2	1.43	1.19	1.95	1.52	25.57	ppb
Silicon	28-1	13.91	16.95	17.20	16.02	11.46	ppb
Silver	107-1	1.81	1.92	1.87	1.86	2.88	ppb
Silver	109-1	1.78	1.91	1.87	1.85	3.71	ppb
Sodium	23-2	502096.69	493016.18	503842.52	499651.80	1.16	ppb
Strontium	86-1	39.24	38.71	39.05	39.00	0.69	ppb
Strontium	88-1	39.63	39.34	39.24	39.41	0.52	ppb
Sulfur	34-1	-320.29	-338.10	-469.11	-375.83		ppb
Terbium	159-1				93		%
Terbium	159-2				94		%
Thallium	203-1	2.10	2.12	2.10	2.11	0.51	ppb
Thallium	205-1	2.07	2.01	2.10	2.06	2.09	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 17:07:08	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	1.61	1.58	1.59	1.59	0.95	ppb
Tin	118-1	2.83	2.71	2.86	2.80	2.73	ppb
Titanium	47-1	17.53	17.26	18.11	17.63	2.48	ppb
Uranium	238-1	1.65	1.64	1.70	1.67	1.91	ppb
Vanadium	51-2	1.89	2.00	1.87	1.92	3.63	ppb
Yttrium	89-1				87		%
Yttrium	89-2				89		%
Zinc	66-2	29.09	29.42	28.26	28.93	2.06	ppb
Zirconium	90-1	2.15	2.22	2.14	2.17	1.96	ppb
Zirconium	91-1	2.23	2.32	2.25	2.27	1.93	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	ICV32	Instrumnet Name :	P7
Client Sample ID :	ICV32	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:10:42	DataFile Name :	011ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	511.55	512.59	514.18	512.77	0.26	ppb
Antimony	121-1	216.79	217.56	218.07	217.47	0.30	ppb
Arsenic	75-2	218.64	214.71	216.17	216.51	0.92	ppb
Barium	135-1	105.73	107.45	108.48	107.22	1.30	ppb
Barium	137-1	106.29	106.30	108.44	107.01	1.16	ppb
Beryllium	9-1	105.46	105.96	106.15	105.86	0.34	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	1.33	1.20	1.61	1.38	15.22	ppb
Boron	11-1	1.39	1.38	1.44	1.40	2.41	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	107.37	107.89	108.76	108.01	0.65	ppb
Cadmium	106-1	83.99	85.73	84.06	84.59	1.17	ppb
Cadmium	108-1	130.96	133.45	132.29	132.24	0.94	ppb
Calcium	43-1	2395.30	2359.73	2346.42	2367.15	1.07	ppb
Calcium	44-1	2009.66	2033.30	2017.24	2020.07	0.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	105.81	105.82	105.56	105.73	0.14	ppb
Cobalt	59-2	104.53	104.92	106.19	105.22	0.82	ppb
Copper	63-2	102.90	104.31	103.77	103.66	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				105		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	2055.61	2046.29	2049.75	2050.55	0.23	ppb
Iron	57-2	2128.37	2133.60	2153.56	2138.51	0.62	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	ICV32	Instrumnet Name :	P7
Client Sample ID :	ICV32	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:10:42	DataFile Name :	011ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2267.57	2250.91	2266.90	2261.79	0.42	ppb
Krypton	83-1						cps
Lead	206-1	194.91	202.14	201.39	199.48	1.99	ppb
Lead	207-1	179.69	183.30	183.95	182.31	1.26	ppb
Lead	208-1	197.05	202.10	201.75	200.30	1.41	ppb
Lithium	6-1				105		%
Magnesium	24-2	1190.97	1181.81	1193.32	1188.70	0.51	ppb
Manganese	55-2	99.94	100.30	100.47	100.24	0.27	ppb
Molybdenum	94-1	4226.66	4214.25	4213.95	4218.29	0.17	ppb
Molybdenum	95-1	5171.06	5253.58	5235.63	5220.09	0.83	ppb
Molybdenum	96-1	5065.25	5094.27	5123.73	5094.42	0.57	ppb
Molybdenum	97-1	5199.90	5203.05	5261.62	5221.52	0.67	ppb
Molybdenum	98-1	5183.41	5158.33	5223.67	5188.47	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	113.16	114.20	115.38	114.25	0.97	ppb
Phosphorus	31-2	14.23	5.04	22.27	13.85	62.25	ppb
Potassium	39-2	2156.86	2140.49	2150.77	2149.37	0.38	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	82-1	204.81	204.49	208.08	205.79	0.97	ppb
Selenium	77-2	220.84	221.90	220.84	221.19	0.28	ppb
Selenium	78-2	220.56	218.94	216.26	218.59	0.99	ppb
Silicon	28-1	2.87	3.67	4.43	3.65	21.38	ppb
Silver	107-1	54.31	54.98	54.83	54.71	0.64	ppb
Silver	109-1	53.46	54.60	55.44	54.50	1.83	ppb
Sodium	23-2	2002.76	1961.60	2047.97	2004.11	2.16	ppb
Strontium	86-1	508.07	511.72	507.87	509.22	0.43	ppb
Strontium	88-1	509.54	503.85	508.91	507.43	0.61	ppb
Sulfur	34-1	-345.30	-388.04	-268.68	-334.01		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	214.56	217.56	217.66	216.59	0.81	ppb
Thallium	205-1	214.00	218.32	216.17	216.17	1.00	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	ICV32	Instrumnet Name :	P7
Client Sample ID :	ICV32	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:10:42	DataFile Name :	011ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.00	0.01	35.54	ppb
Tin	118-1	0.84	0.84	0.90	0.86	4.30	ppb
Titanium	47-1	4941.00	4994.08	5040.18	4991.75	0.99	ppb
Uranium	238-1	504.46	519.18	512.87	512.17	1.44	ppb
Vanadium	51-2	100.43	100.37	101.20	100.67	0.46	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	212.68	215.53	217.62	215.28	1.15	ppb
Zirconium	90-1	0.12	0.10	0.11	0.11	9.80	ppb
Zirconium	91-1	0.17	0.16	0.14	0.16	9.54	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:19:49	DataFile Name :	012LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.76	22.29	20.95	21.34	3.89	ppb
Antimony	121-1	2.18	2.20	2.12	2.17	1.96	ppb
Arsenic	75-2	1.07	1.15	1.14	1.12	3.94	ppb
Barium	135-1	10.14	10.38	10.35	10.29	1.29	ppb
Barium	137-1	10.15	10.38	10.57	10.37	2.02	ppb
Beryllium	9-1	1.14	1.15	1.09	1.13	3.23	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	11.85	13.23	12.44	12.51	5.52	ppb
Boron	11-1	11.77	12.42	13.07	12.42	5.24	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.01	0.94	1.05	1.00	5.48	ppb
Cadmium	106-1	-0.59	0.13	-0.06	-0.17		ppb
Cadmium	108-1	0.84	0.67	0.98	0.83	18.71	ppb
Calcium	43-1	490.98	513.12	510.37	504.82	2.39	ppb
Calcium	44-1	513.47	518.11	518.13	516.57	0.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.97	1.98	1.90	1.95	2.11	ppb
Cobalt	59-2	1.02	1.07	1.07	1.05	3.17	ppb
Copper	63-2	2.08	2.15	2.08	2.10	1.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	56-2	51.61	52.89	52.68	52.39	1.31	ppb
Iron	57-2	52.94	56.23	54.59	54.59	3.01	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:19:49	DataFile Name :	012LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	54.53	56.63	56.00	55.72	1.93	ppb
Krypton	83-1						cps
Lead	206-1	0.97	0.97	0.92	0.95	2.59	ppb
Lead	207-1	0.87	0.89	0.88	0.88	1.16	ppb
Lead	208-1	0.91	0.92	0.91	0.92	0.44	ppb
Lithium	6-1				102		%
Magnesium	24-2	505.46	511.71	503.86	507.01	0.82	ppb
Manganese	55-2	1.00	1.04	0.99	1.01	2.37	ppb
Molybdenum	94-1	5.87	6.10	6.24	6.07	3.04	ppb
Molybdenum	95-1	5.13	5.27	5.26	5.22	1.52	ppb
Molybdenum	96-1	5.25	5.30	5.43	5.33	1.70	ppb
Molybdenum	97-1	5.08	5.46	5.04	5.20	4.46	ppb
Molybdenum	98-1	5.19	5.31	5.08	5.19	2.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.03	1.04	1.05	2.38	ppb
Phosphorus	31-2	17.46	12.87	17.83	16.06	17.21	ppb
Potassium	39-2	515.44	528.07	529.03	524.18	1.45	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	82-1	3.81	6.09	5.21	5.04	22.87	ppb
Selenium	77-2	5.09	5.31	4.94	5.11	3.59	ppb
Selenium	78-2	6.05	5.65	5.39	5.70	5.90	ppb
Silicon	28-1	0.83	0.98	0.97	0.93	8.69	ppb
Silver	107-1	0.85	0.97	1.01	0.94	9.16	ppb
Silver	109-1	0.86	0.93	0.97	0.92	5.77	ppb
Sodium	23-2	491.26	504.22	492.91	496.13	1.42	ppb
Strontium	86-1	0.77	1.11	1.10	0.99	19.43	ppb
Strontium	88-1	1.02	1.00	1.02	1.01	1.27	ppb
Sulfur	34-1	-265.77	-149.92	-177.17	-197.62		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.92	0.93	0.91	0.92	1.04	ppb
Thallium	205-1	0.92	0.91	0.90	0.91	1.09	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:19:49	DataFile Name :	012LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.77	0.78	0.77	0.77	1.24	ppb
Tin	118-1	5.30	5.28	5.32	5.30	0.42	ppb
Titanium	47-1	5.17	5.29	5.12	5.19	1.69	ppb
Uranium	238-1	0.83	0.88	0.84	0.85	2.90	ppb
Vanadium	51-2	4.94	4.98	4.87	4.93	1.09	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	2.36	2.30	2.33	2.33	1.42	ppb
Zirconium	90-1	0.94	0.96	0.99	0.97	2.36	ppb
Zirconium	91-1	1.01	0.94	0.94	0.97	3.91	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	ICB32	Instrumnet Name :	P7
Client Sample ID :	ICB32	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:22:51	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.32	0.41	0.48	0.40	20.83	ppb
Antimony	121-1	0.02	0.02	0.03	0.02	16.76	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	115.45	ppb
Barium	135-1	0.00	0.01	0.01	0.01	47.84	ppb
Barium	137-1	0.00	0.01	0.00	0.01	128.15	ppb
Beryllium	9-1	0.00	0.01	0.00	0.00	250.29	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	0.87	0.79	0.70	0.79	10.83	ppb
Boron	11-1	0.74	0.72	0.79	0.75	4.47	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.01	-0.05	-0.16	-0.06		ppb
Cadmium	106-1	-0.05	-0.97	-2.81	-1.28		ppb
Cadmium	108-1	-0.23	-0.14	0.07	-0.10		ppb
Calcium	43-1	-11.68	-10.09	-13.06	-11.61		ppb
Calcium	44-1	-12.90	-13.07	-11.31	-12.42		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.02	-0.04	-0.03		ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	0.02	0.03	0.03	0.03	13.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	0.05	0.32	0.22	0.20	70.11	ppb
Iron	57-2	0.12	0.92	-0.07	0.32	161.92	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	ICB32	Instrumnet Name :	P7
Client Sample ID :	ICB32	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:22:51	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-0.45	0.99	-0.03	0.17	431.54	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.02	0.01	30.86	ppb
Lead	207-1	0.02	0.02	0.01	0.01	39.69	ppb
Lead	208-1	0.01	0.02	0.02	0.02	13.79	ppb
Lithium	6-1				104		%
Magnesium	24-2	-0.24	0.08	0.31	0.05	569.95	ppb
Manganese	55-2	0.01	0.01	-0.01	0.00	225.26	ppb
Molybdenum	94-1	0.03	0.09	0.07	0.06	51.29	ppb
Molybdenum	95-1	0.06	0.07	0.07	0.07	7.89	ppb
Molybdenum	96-1	0.07	0.05	0.08	0.07	21.81	ppb
Molybdenum	97-1	0.05	0.07	0.06	0.06	14.52	ppb
Molybdenum	98-1	0.07	0.06	0.08	0.07	12.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.03	-0.03	-0.03		ppb
Phosphorus	31-2	-9.25	-8.56	-5.69	-7.83		ppb
Potassium	39-2	0.69	-1.93	-1.59	-0.94		ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	0.68	-0.11	-0.03	0.18	238.39	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.20	0.30	0.20	0.24	22.70	ppb
Silicon	28-1	0.28	0.25	0.38	0.30	21.87	ppb
Silver	107-1	0.03	0.03	0.03	0.03	13.73	ppb
Silver	109-1	0.04	0.04	0.04	0.04	9.78	ppb
Sodium	23-2	1.20	1.25	1.45	1.30	10.47	ppb
Strontium	86-1	-0.04	0.05	0.08	0.03	206.13	ppb
Strontium	88-1	0.00	0.00	-0.01	-0.01		ppb
Sulfur	34-1	-211.59	-270.81	-220.14	-234.18		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.02	-0.02	-0.01	-0.02		ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	ICB32	Instrumnet Name :	P7
Client Sample ID :	ICB32	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:22:51	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	901.81	ppb
Tin	118-1	-0.21	-0.20	-0.22	-0.21		ppb
Titanium	47-1	0.05	0.05	0.12	0.07	56.29	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	63.88	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	0.06	-0.03	0.07	0.03	184.80	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	130.18	ppb
Zirconium	91-1	-0.01	0.01	-0.01	0.00		ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	ICSA32	Instrumnet Name :	P7
Client Sample ID :	ICSA32	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:25:47	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	95042.31	94489.88	95239.05	94923.75	0.41	ppb
Antimony	121-1	1.11	1.12	1.12	1.12	0.54	ppb
Arsenic	75-2	0.32	0.29	0.27	0.30	8.46	ppb
Barium	135-1	1.34	1.51	1.45	1.43	6.27	ppb
Barium	137-1	1.51	1.47	1.46	1.48	1.88	ppb
Beryllium	9-1	0.31	0.30	0.32	0.31	3.44	ppb
Bismuth	209-1				97		%
Bismuth	209-2				93		%
Boron	10-1	0.63	0.58	0.74	0.65	12.32	ppb
Boron	11-1	0.81	0.70	0.77	0.76	7.07	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.56	0.33	0.45	0.44	25.85	ppb
Cadmium	106-1	-1.81	-5.16	-2.50	-3.16		ppb
Cadmium	108-1	11.82	11.89	11.26	11.65	2.98	ppb
Calcium	43-1	96874.26	98995.58	98039.64	97969.83	1.08	ppb
Calcium	44-1	98877.09	100886.51	98881.91	99548.50	1.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.45	19.73	19.90	19.70	1.15	ppb
Cobalt	59-2	1.22	1.20	1.23	1.21	1.26	ppb
Copper	63-2	7.28	7.33	7.39	7.33	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				102		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	56-2	101103.92	100722.15	100124.46	100650.17	0.49	ppb
Iron	57-2	101297.32	101739.27	100360.82	101132.47	0.70	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	ICSA32	Instrumnet Name :	P7
Client Sample ID :	ICSA32	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:25:47	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	101868.54	102191.94	102660.42	102240.30	0.39	ppb
Krypton	83-1						cps
Lead	206-1	4.60	4.58	4.56	4.58	0.44	ppb
Lead	207-1	3.86	3.97	3.98	3.93	1.71	ppb
Lead	208-1	4.08	4.16	4.16	4.13	1.17	ppb
Lithium	6-1				98		%
Magnesium	24-2	95660.21	94908.78	96284.55	95617.85	0.72	ppb
Manganese	55-2	7.66	7.95	7.84	7.82	1.88	ppb
Molybdenum	94-1	1589.92	1608.74	1586.95	1595.20	0.74	ppb
Molybdenum	95-1	1941.43	1954.27	1946.00	1947.23	0.33	ppb
Molybdenum	96-1	1893.76	1938.15	1904.75	1912.22	1.21	ppb
Molybdenum	97-1	1932.73	1975.51	1965.35	1957.86	1.14	ppb
Molybdenum	98-1	1924.39	1957.32	1934.94	1938.88	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.48	5.31	5.46	5.41	1.75	ppb
Phosphorus	31-2	98558.82	96681.48	97840.71	97693.67	0.97	ppb
Potassium	39-2	97024.18	96583.30	97711.97	97106.49	0.59	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				95		%
Scandium	45-2				90		%
Selenium	82-1	0.85	0.29	0.39	0.51	58.31	ppb
Selenium	77-2	0.24	0.00	0.00	0.08	173.21	ppb
Selenium	78-2	-0.66	0.19	-0.65	-0.37		ppb
Silicon	28-1	1.61	1.60	1.59	1.60	0.57	ppb
Silver	107-1	0.14	0.10	0.07	0.10	35.43	ppb
Silver	109-1	0.17	0.10	0.09	0.12	33.86	ppb
Sodium	23-2	98651.21	97603.56	98611.98	98288.91	0.60	ppb
Strontium	86-1	34.74	34.03	34.44	34.40	1.04	ppb
Strontium	88-1	34.20	34.94	34.56	34.57	1.06	ppb
Sulfur	34-1	92504.19	92700.52	91141.44	92115.39	0.92	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.11	0.15	0.15	0.14	18.03	ppb
Thallium	205-1	0.10	0.12	0.15	0.13	17.92	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	ICSA32	Instrumnet Name :	P7
Client Sample ID :	ICSA32	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:25:47	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	55.54	ppb
Tin	118-1	0.14	0.14	0.15	0.14	6.06	ppb
Titanium	47-1	1994.47	2065.48	2021.78	2027.24	1.77	ppb
Uranium	238-1	0.01	0.02	0.02	0.02	4.85	ppb
Vanadium	51-2	0.18	0.17	0.18	0.18	3.11	ppb
Yttrium	89-1				97		%
Yttrium	89-2				95		%
Zinc	66-2	11.20	10.96	11.18	11.11	1.17	ppb
Zirconium	90-1	0.02	0.01	0.02	0.01	29.71	ppb
Zirconium	91-1	0.01	0.00	0.00	0.00	2444.46	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	ICSAB32	Instrumnet Name :	P7
Client Sample ID :	ICSAB32	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:28:34	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97040.93	98110.62	95774.09	96975.21	1.21	ppb
Antimony	121-1	21.88	21.64	22.10	21.87	1.06	ppb
Arsenic	75-2	21.41	20.69	20.45	20.85	2.41	ppb
Barium	135-1	22.00	21.31	22.16	21.82	2.08	ppb
Barium	137-1	22.25	21.61	21.92	21.93	1.47	ppb
Beryllium	9-1	21.17	21.20	21.89	21.42	1.92	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	27.17	27.60	29.33	28.04	4.08	ppb
Boron	11-1	28.07	28.64	29.62	28.78	2.72	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	20.14	19.12	20.22	19.83	3.10	ppb
Cadmium	106-1	23.26	21.66	21.54	22.16	4.34	ppb
Cadmium	108-1	33.77	31.66	32.94	32.79	3.24	ppb
Calcium	43-1	101647.85	98710.66	99028.57	99795.70	1.62	ppb
Calcium	44-1	101292.99	101850.72	101921.50	101688.40	0.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.92	41.26	40.79	40.99	0.59	ppb
Cobalt	59-2	21.76	21.72	21.65	21.71	0.28	ppb
Copper	63-2	27.28	27.41	27.08	27.26	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	56-2	103706.76	102589.97	102000.65	102765.79	0.84	ppb
Iron	57-2	103403.23	102890.69	102174.53	102822.82	0.60	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	ICSAB32	Instrumnet Name :	P7
Client Sample ID :	ICSAB32	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:28:34	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	104637.86	105530.21	104461.98	104876.68	0.55	ppb
Krypton	83-1						cps
Lead	206-1	23.59	24.35	24.48	24.14	1.98	ppb
Lead	207-1	21.92	22.28	22.55	22.25	1.42	ppb
Lead	208-1	22.46	22.77	23.14	22.79	1.49	ppb
Lithium	6-1				98		%
Magnesium	24-2	97990.40	97965.30	96861.46	97605.72	0.66	ppb
Manganese	55-2	27.59	27.66	27.45	27.57	0.39	ppb
Molybdenum	94-1	1723.41	1734.59	1765.36	1741.12	1.25	ppb
Molybdenum	95-1	2037.21	2014.07	2082.88	2044.72	1.71	ppb
Molybdenum	96-1	1990.36	1997.92	2035.02	2007.77	1.19	ppb
Molybdenum	97-1	2007.31	2006.85	2053.19	2022.45	1.32	ppb
Molybdenum	98-1	2032.56	2010.20	2063.76	2035.51	1.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.26	26.03	25.95	26.08	0.62	ppb
Phosphorus	31-2	99533.17	100492.89	100325.94	100117.33	0.51	ppb
Potassium	39-2	97710.49	98900.72	98909.27	98506.82	0.70	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				96		%
Scandium	45-2				91		%
Selenium	82-1	19.29	18.92	20.37	19.53	3.85	ppb
Selenium	77-2	20.67	22.09	20.35	21.04	4.40	ppb
Selenium	78-2	18.28	17.82	21.04	19.05	9.13	ppb
Silicon	28-1	6.58	6.40	6.58	6.52	1.60	ppb
Silver	107-1	19.41	19.53	19.90	19.62	1.30	ppb
Silver	109-1	19.23	19.49	19.80	19.51	1.44	ppb
Sodium	23-2	100637.44	101511.31	99637.89	100595.55	0.93	ppb
Strontium	86-1	90.38	89.30	89.35	89.68	0.68	ppb
Strontium	88-1	88.88	88.92	89.97	89.25	0.70	ppb
Sulfur	34-1	93926.51	92903.61	92587.59	93139.24	0.75	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	19.58	20.32	20.21	20.04	2.00	ppb
Thallium	205-1	19.58	20.21	20.19	20.00	1.78	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	ICSAB32	Instrumnet Name :	P7
Client Sample ID :	ICSAB32	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:28:34	DataFile Name :	015ICSB.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	54.01	54.54	55.41	54.65	1.29	ppb
Titanium	47-1	2101.74	2093.00	2103.52	2099.42	0.27	ppb
Uranium	238-1	55.60	55.31	55.79	55.57	0.44	ppb
Vanadium	51-2	20.08	20.07	20.26	20.14	0.53	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	33.43	33.15	33.54	33.37	0.60	ppb
Zirconium	90-1	54.43	54.46	55.52	54.80	1.13	ppb
Zirconium	91-1	55.26	55.17	56.35	55.59	1.18	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P7
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:31:23	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50130.15	49369.93	50318.69	49939.59	1.01	ppb
Antimony	121-1	514.66	521.06	523.58	519.77	0.89	ppb
Arsenic	75-2	494.85	491.45	486.53	490.95	0.85	ppb
Barium	135-1	2498.07	2490.05	2548.40	2512.18	1.26	ppb
Barium	137-1	2509.60	2500.10	2542.72	2517.47	0.89	ppb
Beryllium	9-1	509.59	505.45	510.92	508.66	0.56	ppb
Bismuth	209-1				95		%
Bismuth	209-2				91		%
Boron	10-1	466.01	485.52	496.80	482.78	3.23	ppb
Boron	11-1	471.41	475.62	495.02	480.68	2.62	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	508.50	510.72	526.42	515.21	1.90	ppb
Cadmium	106-1	491.56	504.91	509.06	501.84	1.82	ppb
Cadmium	108-1	495.74	506.64	510.63	504.34	1.53	ppb
Calcium	43-1	254697.76	256669.43	254367.66	255244.95	0.49	ppb
Calcium	44-1	247909.55	247412.41	249536.25	248286.07	0.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	492.32	489.22	494.56	492.03	0.54	ppb
Cobalt	59-2	486.74	479.30	475.97	480.67	1.15	ppb
Copper	63-2	4977.39	4874.95	4931.32	4927.89	1.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				95		%
Indium	115-2				91		%
Iron	56-2	126971.98	125444.22	126587.67	126334.62	0.63	ppb
Iron	57-2	127303.31	125821.92	125987.34	126370.85	0.64	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P7
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:31:23	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	129305.13	126296.09	128052.29	127884.50	1.18	ppb
Krypton	83-1						cps
Lead	206-1	2558.31	2613.97	2559.11	2577.13	1.24	ppb
Lead	207-1	2522.60	2594.27	2543.93	2553.60	1.44	ppb
Lead	208-1	2518.83	2590.72	2542.79	2550.78	1.43	ppb
Lithium	6-1				96		%
Magnesium	24-2	253261.35	249097.86	252377.99	251579.07	0.87	ppb
Manganese	55-2	4864.04	4773.14	4862.40	4833.19	1.08	ppb
Molybdenum	94-1	5052.34	5000.81	5142.20	5065.12	1.41	ppb
Molybdenum	95-1	5046.43	5026.95	5103.43	5058.94	0.79	ppb
Molybdenum	96-1	5042.44	5028.18	5137.46	5069.36	1.17	ppb
Molybdenum	97-1	5031.60	4982.90	5071.26	5028.59	0.88	ppb
Molybdenum	98-1	5084.52	5029.42	5057.15	5057.03	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.79	503.27	510.31	507.79	0.77	ppb
Phosphorus	31-2	10004.16	9778.41	9933.45	9905.34	1.17	ppb
Potassium	39-2	125397.84	124914.86	125439.01	125250.57	0.23	ppb
Rhodium	103-1				89		%
Rhodium	103-2				89		%
Scandium	45-1				94		%
Scandium	45-2				92		%
Selenium	82-1	509.61	511.60	520.01	513.74	1.07	ppb
Selenium	77-2	518.34	499.68	513.99	510.67	1.91	ppb
Selenium	78-2	517.15	521.39	512.83	517.12	0.83	ppb
Silicon	28-1	484.09	491.07	492.55	489.24	0.92	ppb
Silver	107-1	509.25	520.13	526.05	518.48	1.64	ppb
Silver	109-1	513.98	526.56	528.14	522.90	1.48	ppb
Sodium	23-2	254502.06	250257.76	251506.72	252088.85	0.87	ppb
Strontium	86-1	12281.95	12393.49	12537.05	12404.16	1.03	ppb
Strontium	88-1	12460.68	12520.27	12560.61	12513.85	0.40	ppb
Sulfur	34-1	8433.99	8414.16	8494.15	8447.43	0.49	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	510.42	530.28	509.63	516.78	2.26	ppb
Thallium	205-1	513.48	522.74	509.17	515.13	1.35	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P7
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:31:23	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	511.18	523.86	514.91	516.65	1.26	ppb
Tin	118-1	498.99	500.32	511.02	503.44	1.31	ppb
Titanium	47-1	4960.72	4999.96	5001.65	4987.44	0.46	ppb
Uranium	238-1	515.73	525.75	512.30	517.92	1.35	ppb
Vanadium	51-2	493.71	490.84	498.63	494.39	0.80	ppb
Yttrium	89-1				97		%
Yttrium	89-2				94		%
Zinc	66-2	4960.98	4890.88	4920.90	4924.25	0.71	ppb
Zirconium	90-1	503.83	504.12	506.92	504.95	0.34	ppb
Zirconium	91-1	501.02	498.22	505.44	501.56	0.73	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CCB39	Instrumnet Name :	P7
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:38:57	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.67	1.00	0.72	0.80	22.54	ppb
Antimony	121-1	0.11	0.09	0.10	0.10	11.00	ppb
Arsenic	75-2	0.00	0.00	-0.01	0.00		ppb
Barium	135-1	0.03	0.02	0.01	0.02	41.61	ppb
Barium	137-1	0.05	0.00	0.02	0.02	123.30	ppb
Beryllium	9-1	0.02	0.02	0.04	0.03	43.32	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	2.74	3.17	2.70	2.87	9.18	ppb
Boron	11-1	2.70	2.71	2.76	2.72	1.01	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.28	-0.18	-0.19	-0.22		ppb
Cadmium	106-1	-5.53	-3.61	-3.83	-4.32		ppb
Cadmium	108-1	-0.08	-0.21	-0.23	-0.17		ppb
Calcium	43-1	4.18	1.11	4.35	3.22	56.79	ppb
Calcium	44-1	4.79	4.66	3.19	4.21	21.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.01	0.02	0.01	105.80	ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	35.65	ppb
Copper	63-2	0.08	0.08	0.10	0.09	12.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	1.59	1.56	1.78	1.65	7.29	ppb
Iron	57-2	0.68	0.91	0.74	0.78	15.32	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CCB39	Instrumnet Name :	P7
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:38:57	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-0.17	1.92	2.39	1.38	98.43	ppb
Krypton	83-1						cps
Lead	206-1	0.17	0.15	0.16	0.16	4.41	ppb
Lead	207-1	0.16	0.15	0.14	0.15	5.76	ppb
Lead	208-1	0.17	0.15	0.15	0.16	6.14	ppb
Lithium	6-1				103		%
Magnesium	24-2	2.73	3.06	3.37	3.05	10.44	ppb
Manganese	55-2	0.04	0.04	0.03	0.04	14.82	ppb
Molybdenum	94-1	0.15	0.12	0.12	0.13	13.16	ppb
Molybdenum	95-1	0.11	0.11	0.11	0.11	1.60	ppb
Molybdenum	96-1	0.11	0.08	0.10	0.10	16.13	ppb
Molybdenum	97-1	0.09	0.11	0.11	0.10	11.03	ppb
Molybdenum	98-1	0.15	0.10	0.09	0.11	26.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.00	-0.04	-0.02		ppb
Phosphorus	31-2	-9.20	0.76	-7.42	-5.29		ppb
Potassium	39-2	-3.77	-1.73	-3.66	-3.06		ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	-0.39	-0.16	0.34	-0.07		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.20	-1.15	-0.60	-0.65		ppb
Silicon	28-1	-0.21	-0.14	-0.18	-0.18		ppb
Silver	107-1	0.03	0.03	0.03	0.03	10.41	ppb
Silver	109-1	0.03	0.02	0.03	0.03	18.54	ppb
Sodium	23-2	25.26	23.02	24.29	24.19	4.65	ppb
Strontium	86-1	0.01	0.05	0.06	0.04	62.61	ppb
Strontium	88-1	0.14	0.13	0.11	0.12	9.78	ppb
Sulfur	34-1	-866.60	-808.10	-787.77	-820.82		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.07	0.08	0.08	0.08	5.29	ppb
Thallium	205-1	0.07	0.07	0.08	0.07	6.79	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CCB39	Instrumnet Name :	P7
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:38:57	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.00	0.00	0.00	31.26	ppb
Tin	118-1	-0.01	0.00	0.02	0.01	281.34	ppb
Titanium	47-1	0.09	0.06	0.01	0.05	71.62	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	4.03	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	77.54	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	0.10	-0.05	0.10	0.05	170.17	ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	14.88	ppb
Zirconium	91-1	0.02	0.02	0.01	0.02	30.00	ppb

LB Number : LB120754 Operator : Jaswal
 Lab Sample ID : PBW Instrumnet Name : P7
 Client Sample ID : PBW Dilution Factor : 1
 Date & Time Acquired : 2022-06-18 18:52:58 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.32	0.32	0.08	0.24	57.44	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	14.86	ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.01	0.01	-0.01	0.01	205.03	ppb
Barium	137-1	0.00	0.00	0.00	0.00	1576.95	ppb
Beryllium	9-1	0.00	0.00	0.01	0.01	80.20	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	10-1	1.30	1.14	1.14	1.19	7.78	ppb
Boron	11-1	1.32	1.49	0.94	1.25	22.57	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.21	-0.09	-0.16	-0.16		ppb
Cadmium	106-1	-4.08	-1.76	-3.05	-2.96		ppb
Cadmium	108-1	-0.17	-0.05	-0.12	-0.11		ppb
Calcium	43-1	-1.63	-2.75	1.22	-1.05		ppb
Calcium	44-1	2.49	2.49	1.54	2.17	25.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.05	-0.02	-0.01	-0.03		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	378.93	ppb
Copper	63-2	0.02	0.03	0.02	0.02	28.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	56-2	0.47	0.28	0.25	0.34	35.42	ppb
Iron	57-2	0.25	-0.97	-0.43	-0.38		ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P7
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:52:58	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.39	1.17	-0.75	0.27	356.26	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.04	0.04	0.03	4.30	ppb
Lead	207-1	0.03	0.02	0.01	0.02	38.93	ppb
Lead	208-1	0.04	0.03	0.03	0.03	15.77	ppb
Lithium	6-1				103		%
Magnesium	24-2	0.79	0.85	0.69	0.78	10.11	ppb
Manganese	55-2	0.00	-0.01	0.00	0.00		ppb
Molybdenum	94-1	0.01	0.02	0.05	0.03	81.20	ppb
Molybdenum	95-1	0.03	0.03	0.03	0.03	10.34	ppb
Molybdenum	96-1	0.01	0.02	0.03	0.02	52.72	ppb
Molybdenum	97-1	0.01	0.02	0.02	0.02	23.90	ppb
Molybdenum	98-1	0.03	0.02	0.03	0.03	18.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	-0.04	-0.02		ppb
Phosphorus	31-2	-13.54	-4.47	1.80	-5.40		ppb
Potassium	39-2	-8.17	-2.78	-4.33	-5.09		ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	0.11	-0.06	0.39	0.15	155.27	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.54	0.03	0.04	0.20	142.49	ppb
Silicon	28-1	-0.12	-0.13	-0.22	-0.16		ppb
Silver	107-1	0.03	0.04	0.04	0.04	11.89	ppb
Silver	109-1	0.04	0.03	0.04	0.04	9.89	ppb
Sodium	23-2	8.29	9.53	9.16	8.99	7.05	ppb
Strontium	86-1	-0.09	0.00	0.02	-0.02		ppb
Strontium	88-1	0.03	0.02	0.02	0.02	13.24	ppb
Sulfur	34-1	-536.73	-534.91	-563.06	-544.90		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.04	0.03	0.03	0.03	7.82	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	14.29	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P7
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:52:58	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	946.63	ppb
Tin	118-1	-0.06	-0.01	0.00	-0.02		ppb
Titanium	47-1	0.02	0.03	0.06	0.04	47.97	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	122.86	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	67.23	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	-0.04	0.01	0.00	-0.01		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.00	0.02	0.02	0.01	130.61	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P7
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:55:51	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.79	42.11	41.44	40.78	4.30	ppb
Antimony	121-1	4.67	4.22	4.14	4.34	6.53	ppb
Arsenic	75-2	2.00	2.04	2.01	2.02	1.23	ppb
Barium	135-1	22.68	19.98	19.14	20.60	8.99	ppb
Barium	137-1	22.00	20.04	19.33	20.46	6.77	ppb
Beryllium	9-1	2.29	1.91	1.95	2.05	10.19	ppb
Bismuth	209-1				101		%
Bismuth	209-2				105		%
Boron	10-1	25.71	25.08	25.79	25.53	1.52	ppb
Boron	11-1	26.31	25.00	25.29	25.53	2.69	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	2.18	2.02	1.88	2.02	7.52	ppb
Cadmium	106-1	1.11	1.76	-0.42	0.82	136.80	ppb
Cadmium	108-1	2.30	1.85	1.72	1.96	15.49	ppb
Calcium	43-1	1138.64	1023.94	1032.73	1065.10	5.99	ppb
Calcium	44-1	1197.79	1033.70	1015.14	1082.21	9.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.22	4.18	4.15	4.18	0.86	ppb
Cobalt	59-2	2.09	2.09	2.06	2.08	0.65	ppb
Copper	63-2	4.21	4.04	4.13	4.13	2.00	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				104		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				105		%
Iron	56-2	398.50	396.82	393.51	396.28	0.64	ppb
Iron	57-2	406.53	401.68	408.18	405.46	0.83	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P7
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:55:51	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	424.56	419.80	431.61	425.32	1.40	ppb
Krypton	83-1						cps
Lead	206-1	2.15	1.89	1.85	1.97	8.32	ppb
Lead	207-1	2.09	1.79	1.74	1.87	10.03	ppb
Lead	208-1	2.10	1.83	1.80	1.91	8.58	ppb
Lithium	6-1				100		%
Magnesium	24-2	972.23	985.50	971.84	976.52	0.80	ppb
Manganese	55-2	2.00	2.00	1.91	1.97	2.62	ppb
Molybdenum	94-1	6.46	5.67	5.47	5.87	8.86	ppb
Molybdenum	95-1	2.66	2.39	2.37	2.47	6.60	ppb
Molybdenum	96-1	3.07	2.59	2.62	2.76	9.64	ppb
Molybdenum	97-1	2.64	2.29	2.33	2.42	7.82	ppb
Molybdenum	98-1	2.48	2.40	2.25	2.38	5.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.17	2.29	2.19	2.22	2.82	ppb
Phosphorus	31-2	-3.54	6.69	-5.56	-0.80		ppb
Potassium	39-2	1016.77	1028.27	1024.68	1023.24	0.57	ppb
Rhodium	103-1				101		%
Rhodium	103-2				107		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	82-1	10.35	9.75	8.45	9.52	10.24	ppb
Selenium	77-2	11.84	9.66	10.33	10.61	10.53	ppb
Selenium	78-2	11.38	10.62	11.19	11.06	3.57	ppb
Silicon	28-1	2.60	1.59	1.55	1.91	30.91	ppb
Silver	107-1	2.06	1.87	1.96	1.96	4.80	ppb
Silver	109-1	2.06	1.96	1.97	2.00	2.57	ppb
Sodium	23-2	950.86	957.47	963.74	957.36	0.67	ppb
Strontium	86-1	2.32	2.17	2.10	2.20	5.14	ppb
Strontium	88-1	2.41	2.09	2.04	2.18	9.11	ppb
Sulfur	34-1	378.90	-520.19	-477.37	-206.22		ppb
Terbium	159-1				103		%
Terbium	159-2				107		%
Thallium	203-1	2.05	1.88	1.85	1.93	5.46	ppb
Thallium	205-1	2.14	1.85	1.87	1.95	8.19	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P7
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:55:51	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	1.83	1.65	1.64	1.71	6.30	ppb
Tin	118-1	0.09	0.07	0.02	0.06	59.60	ppb
Titanium	47-1	10.96	9.72	9.96	10.21	6.47	ppb
Uranium	238-1	1.88	1.72	1.68	1.76	5.83	ppb
Vanadium	51-2	9.53	9.86	9.91	9.77	2.12	ppb
Yttrium	89-1				102		%
Yttrium	89-2				106		%
Zinc	66-2	9.98	9.79	10.01	9.93	1.24	ppb
Zirconium	90-1	2.25	1.97	1.95	2.06	7.98	ppb
Zirconium	91-1	2.22	2.08	2.00	2.10	5.25	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	WATER MDL-6	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-6	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:58:46	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.62	9.67	9.21	9.50	2.65	ppb
Antimony	121-1	0.91	0.95	0.91	0.92	2.51	ppb
Arsenic	75-2	0.50	0.47	0.46	0.48	4.42	ppb
Barium	135-1	4.49	4.00	4.33	4.27	5.92	ppb
Barium	137-1	4.52	4.10	4.31	4.31	4.93	ppb
Beryllium	9-1	0.46	0.46	0.48	0.47	3.35	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	10-1	7.14	6.60	7.20	6.98	4.77	ppb
Boron	11-1	6.64	7.29	7.07	7.00	4.70	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.47	0.36	0.38	0.40	13.85	ppb
Cadmium	106-1	-0.96	-1.62	-0.70	-1.09		ppb
Cadmium	108-1	0.33	0.26	0.34	0.31	14.10	ppb
Calcium	43-1	224.69	226.76	227.86	226.43	0.71	ppb
Calcium	44-1	232.67	227.77	232.71	231.05	1.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.86	0.91	0.84	0.87	4.11	ppb
Cobalt	59-2	0.46	0.43	0.44	0.44	2.96	ppb
Copper	63-2	0.91	0.92	0.89	0.90	1.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	56-2	89.94	88.74	89.06	89.25	0.69	ppb
Iron	57-2	89.78	88.00	88.00	88.59	1.16	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	WATER MDL-6	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-6	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:58:46	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	90.33	91.68	92.53	91.51	1.22	ppb
Krypton	83-1						cps
Lead	206-1	0.43	0.43	0.42	0.43	2.11	ppb
Lead	207-1	0.38	0.40	0.39	0.39	2.46	ppb
Lead	208-1	0.42	0.43	0.42	0.42	1.32	ppb
Lithium	6-1				101		%
Magnesium	24-2	215.29	213.57	214.91	214.59	0.42	ppb
Manganese	55-2	0.42	0.40	0.45	0.42	6.31	ppb
Molybdenum	94-1	1.21	1.17	1.17	1.18	1.78	ppb
Molybdenum	95-1	0.52	0.48	0.45	0.48	7.14	ppb
Molybdenum	96-1	0.61	0.59	0.53	0.58	7.15	ppb
Molybdenum	97-1	0.45	0.51	0.52	0.49	7.91	ppb
Molybdenum	98-1	0.51	0.53	0.50	0.52	3.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.49	0.53	0.45	0.49	8.26	ppb
Phosphorus	31-2	-5.08	-4.22	-0.96	-3.42		ppb
Potassium	39-2	218.65	217.99	223.37	220.00	1.33	ppb
Rhodium	103-1				105		%
Rhodium	103-2				107		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	2.22	2.08	3.19	2.50	24.19	ppb
Selenium	77-2	3.57	2.55	1.89	2.67	31.72	ppb
Selenium	78-2	1.91	2.50	1.87	2.09	16.75	ppb
Silicon	28-1	0.51	0.25	0.31	0.36	38.84	ppb
Silver	107-1	0.42	0.44	0.43	0.43	2.60	ppb
Silver	109-1	0.42	0.40	0.46	0.43	6.90	ppb
Sodium	23-2	217.75	217.38	214.48	216.54	0.83	ppb
Strontium	86-1	0.51	0.49	0.61	0.54	11.68	ppb
Strontium	88-1	0.48	0.47	0.47	0.47	1.13	ppb
Sulfur	34-1	-267.63	-445.58	-421.88	-378.37		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.44	0.41	0.44	0.43	3.60	ppb
Thallium	205-1	0.42	0.40	0.41	0.41	1.65	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	WATER MDL-6	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-6	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:58:46	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.36	0.35	0.36	0.36	2.43	ppb
Tin	118-1	-0.02	0.03	-0.01	0.00		ppb
Titanium	47-1	2.25	2.30	1.94	2.17	8.91	ppb
Uranium	238-1	0.37	0.36	0.36	0.37	2.11	ppb
Vanadium	51-2	2.12	2.09	2.11	2.11	0.66	ppb
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	2.26	2.09	2.14	2.16	4.01	ppb
Zirconium	90-1	0.41	0.42	0.42	0.42	1.33	ppb
Zirconium	91-1	0.47	0.42	0.40	0.43	8.18	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	WATER MDL-7	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-7	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 19:01:39	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.36	8.68	8.77	8.60	2.54	ppb
Antimony	121-1	0.80	0.92	0.92	0.88	7.58	ppb
Arsenic	75-2	0.46	0.48	0.39	0.44	10.75	ppb
Barium	135-1	4.15	4.38	4.36	4.30	3.05	ppb
Barium	137-1	4.59	4.46	4.48	4.51	1.48	ppb
Beryllium	9-1	0.46	0.51	0.46	0.47	5.92	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	6.12	6.44	6.85	6.47	5.65	ppb
Boron	11-1	6.43	6.22	6.39	6.35	1.75	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.47	0.42	0.47	0.45	6.81	ppb
Cadmium	106-1	0.33	0.01	0.35	0.23	82.07	ppb
Cadmium	108-1	0.36	0.48	0.36	0.40	18.11	ppb
Calcium	43-1	239.87	229.58	211.52	226.99	6.32	ppb
Calcium	44-1	237.79	229.75	228.29	231.94	2.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.94	0.94	0.91	0.93	1.98	ppb
Cobalt	59-2	0.45	0.43	0.46	0.45	2.81	ppb
Copper	63-2	0.97	0.92	0.88	0.93	4.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	56-2	90.29	91.17	91.46	90.97	0.67	ppb
Iron	57-2	89.10	85.62	94.76	89.82	5.13	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	WATER MDL-7	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-7	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 19:01:39	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	99.11	93.02	93.24	95.12	3.63	ppb
Krypton	83-1						cps
Lead	206-1	0.44	0.46	0.45	0.45	2.78	ppb
Lead	207-1	0.43	0.37	0.40	0.40	7.27	ppb
Lead	208-1	0.43	0.41	0.43	0.42	2.25	ppb
Lithium	6-1				101		%
Magnesium	24-2	221.79	219.86	222.25	221.30	0.57	ppb
Manganese	55-2	0.40	0.45	0.45	0.43	5.94	ppb
Molybdenum	94-1	1.21	1.22	1.20	1.21	0.54	ppb
Molybdenum	95-1	0.52	0.51	0.50	0.51	1.75	ppb
Molybdenum	96-1	0.67	0.60	0.63	0.63	5.17	ppb
Molybdenum	97-1	0.55	0.57	0.52	0.54	4.65	ppb
Molybdenum	98-1	0.53	0.48	0.53	0.52	5.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.40	0.46	0.53	0.46	13.43	ppb
Phosphorus	31-2	-7.29	-3.54	-7.22	-6.02		ppb
Potassium	39-2	223.80	225.89	231.32	227.01	1.71	ppb
Rhodium	103-1				105		%
Rhodium	103-2				107		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	2.68	2.04	2.31	2.34	13.83	ppb
Selenium	77-2	1.67	2.96	1.67	2.10	35.45	ppb
Selenium	78-2	2.89	3.01	2.05	2.65	19.65	ppb
Silicon	28-1	0.55	0.40	0.29	0.41	30.67	ppb
Silver	107-1	0.35	0.42	0.47	0.41	14.83	ppb
Silver	109-1	0.36	0.43	0.46	0.42	12.61	ppb
Sodium	23-2	219.04	220.47	219.57	219.69	0.33	ppb
Strontium	86-1	0.58	0.52	0.51	0.53	7.17	ppb
Strontium	88-1	0.50	0.45	0.47	0.48	5.05	ppb
Sulfur	34-1	-6.45	-355.26	-450.60	-270.77		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.43	0.42	0.43	0.43	0.88	ppb
Thallium	205-1	0.43	0.43	0.44	0.43	1.43	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	WATER MDL-7	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-7	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 19:01:39	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.38	0.36	0.36	0.37	2.14	ppb
Tin	118-1	0.01	0.02	0.00	0.01	142.12	ppb
Titanium	47-1	2.07	2.18	2.06	2.10	3.10	ppb
Uranium	238-1	0.39	0.37	0.40	0.38	3.81	ppb
Vanadium	51-2	2.15	2.15	2.26	2.19	2.77	ppb
Yttrium	89-1				106		%
Yttrium	89-2				107		%
Zinc	66-2	2.00	2.20	2.37	2.19	8.50	ppb
Zirconium	90-1	0.45	0.42	0.41	0.43	5.45	ppb
Zirconium	91-1	0.46	0.43	0.41	0.43	4.94	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	WATER BLANK-7	Instrumnet Name :	P7
Client Sample ID :	WATER BLANK-7	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 19:04:34	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.16	0.45	0.03	0.11	285.86	ppb
Antimony	121-1	0.00	0.01	0.01	0.00	38.53	ppb
Arsenic	75-2	-0.01	-0.02	-0.01	-0.01		ppb
Barium	135-1	-0.01	0.00	0.00	0.00		ppb
Barium	137-1	0.01	0.00	-0.01	0.00		ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	67.86	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	0.92	1.09	0.54	0.85	32.96	ppb
Boron	11-1	0.84	0.82	0.94	0.87	7.15	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.05	-0.08	-0.16	-0.10		ppb
Cadmium	106-1	-1.05	-1.57	-2.97	-1.86		ppb
Cadmium	108-1	-0.12	-0.10	-0.08	-0.10		ppb
Calcium	43-1	-0.20	0.39	-4.12	-1.31		ppb
Calcium	44-1	1.26	1.30	0.31	0.96	58.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.05	0.00	-0.05	-0.04		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	84.69	ppb
Copper	63-2	0.01	-0.01	0.01	0.00	1206.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				109		%
Iron	56-2	-0.05	0.06	-0.07	-0.02		ppb
Iron	57-2	-0.98	0.53	0.66	0.07	1357.51	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	WATER BLANK-7	Instrumnet Name :	P7
Client Sample ID :	WATER BLANK-7	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 19:04:34	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-0.29	0.62	-0.46	-0.04		ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.00	0.01	46.45	ppb
Lead	207-1	0.01	0.00	0.01	0.01	78.43	ppb
Lead	208-1	0.01	0.01	0.01	0.01	30.68	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.29	0.25	0.10	0.21	47.10	ppb
Manganese	55-2	-0.01	0.00	0.00	0.00		ppb
Molybdenum	94-1	0.02	0.00	0.03	0.01	117.96	ppb
Molybdenum	95-1	0.01	0.00	0.01	0.01	42.53	ppb
Molybdenum	96-1	0.02	0.00	0.01	0.01	114.42	ppb
Molybdenum	97-1	0.01	0.01	0.01	0.01	30.81	ppb
Molybdenum	98-1	0.00	0.01	0.01	0.00	65.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	-0.02	-0.02		ppb
Phosphorus	31-2	-10.57	-6.84	-7.00	-8.14		ppb
Potassium	39-2	-9.31	-3.61	-7.58	-6.84		ppb
Rhodium	103-1				107		%
Rhodium	103-2				109		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	82-1	0.55	-0.05	1.28	0.60	111.57	ppb
Selenium	77-2	0.00	0.00	0.21	0.07	173.21	ppb
Selenium	78-2	-0.40	-0.18	0.22	-0.12		ppb
Silicon	28-1	0.05	-0.15	-0.14	-0.08		ppb
Silver	107-1	0.03	0.02	0.03	0.03	27.15	ppb
Silver	109-1	0.03	0.03	0.02	0.03	14.98	ppb
Sodium	23-2	6.79	6.11	5.29	6.06	12.42	ppb
Strontium	86-1	-0.09	0.02	0.05	-0.01		ppb
Strontium	88-1	0.00	0.01	0.01	0.01	55.72	ppb
Sulfur	34-1	-265.69	-515.18	-570.44	-450.44		ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	0.01	0.00	0.02	0.01	162.62	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	WATER BLANK-7	Instrumnet Name :	P7
Client Sample ID :	WATER BLANK-7	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 19:04:34	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	545.23	ppb
Tin	118-1	0.02	-0.01	0.02	0.01	136.36	ppb
Titanium	47-1	0.02	0.03	0.03	0.02	33.98	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				107		%
Yttrium	89-2				108		%
Zinc	66-2	0.00	-0.07	-0.03	-0.03		ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	401.49	ppb
Zirconium	91-1	-0.01	0.01	0.00	0.00	1094.65	ppb

LB Number : LB120754 Operator : Jaswal
 Lab Sample ID : PBS Instrumnet Name : P7
 Client Sample ID : PBS Dilution Factor : 1
 Date & Time Acquired : 2022-06-18 19:07:26 DataFile Name : 025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.05	0.05	0.29	0.13	105.84	ppb
Antimony	121-1	0.00	0.01	0.00	0.00	160.38	ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.00	0.02	0.00	0.01	185.69	ppb
Barium	137-1	0.01	0.00	-0.01	0.00		ppb
Beryllium	9-1	0.01	0.01	0.00	0.00	109.67	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	10-1	0.45	0.74	0.78	0.66	27.19	ppb
Boron	11-1	0.62	0.52	0.48	0.54	13.14	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.13	-0.14	-0.12	-0.13		ppb
Cadmium	106-1	-2.60	-2.79	-2.13	-2.51		ppb
Cadmium	108-1	-0.24	-0.17	-0.02	-0.14		ppb
Calcium	43-1	-3.17	1.43	-0.28	-0.67		ppb
Calcium	44-1	0.25	0.18	0.10	0.18	40.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.05	-0.02	-0.01	-0.03		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	64.68	ppb
Copper	63-2	-0.02	0.00	0.01	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				108		%
Iron	56-2	0.04	-0.01	-0.03	0.00	2040.29	ppb
Iron	57-2	-0.59	-0.11	-0.25	-0.32		ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P7
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 19:07:26	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.04	-0.50	0.32	-0.05		ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.01	0.01	34.58	ppb
Lead	207-1	0.02	0.02	0.01	0.01	16.14	ppb
Lead	208-1	0.01	0.01	0.02	0.01	21.42	ppb
Lithium	6-1				101		%
Magnesium	24-2	-0.05	0.37	0.37	0.23	103.80	ppb
Manganese	55-2	0.00	0.00	0.01	0.01	13.44	ppb
Molybdenum	94-1	0.04	0.02	-0.02	0.01	194.91	ppb
Molybdenum	95-1	0.01	0.00	0.02	0.01	63.56	ppb
Molybdenum	96-1	0.01	0.00	0.01	0.01	60.87	ppb
Molybdenum	97-1	0.02	0.00	0.00	0.01	127.98	ppb
Molybdenum	98-1	0.00	0.00	0.01	0.00	56.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.02	-0.01	-0.02		ppb
Phosphorus	31-2	-7.07	-12.76	0.69	-6.38		ppb
Potassium	39-2	-5.05	-4.62	-5.63	-5.10		ppb
Rhodium	103-1				108		%
Rhodium	103-2				109		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	82-1	-0.16	0.03	0.77	0.21	229.67	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.16	-0.26	-0.70	-0.27		ppb
Silicon	28-1	-0.06	-0.16	-0.15	-0.12		ppb
Silver	107-1	0.01	0.02	0.02	0.02	34.48	ppb
Silver	109-1	0.02	0.02	0.01	0.02	15.64	ppb
Sodium	23-2	6.02	5.36	5.54	5.64	6.12	ppb
Strontium	86-1	0.05	0.01	0.02	0.03	70.57	ppb
Strontium	88-1	0.01	0.01	0.00	0.01	34.23	ppb
Sulfur	34-1	-398.17	-528.09	-508.61	-478.29		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.00	0.00	-0.01	0.00		ppb
Thallium	205-1	-0.01	0.00	-0.01	-0.01		ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P7
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 19:07:26	DataFile Name :	025CCBE.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	0.00	-0.01	-0.01	-0.01		ppb
Titanium	47-1	0.01	0.03	0.02	0.02	67.38	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				108		%
Yttrium	89-2				108		%
Zinc	66-2	0.04	0.00	0.02	0.02	106.00	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	172.88	ppb
Zirconium	91-1	0.00	0.02	0.00	0.00	202.05	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P7
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 19:10:22	DataFile Name :	026LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41.00	42.14	40.91	41.35	1.66	ppb
Antimony	121-1	4.11	4.04	3.88	4.01	3.01	ppb
Arsenic	75-2	2.17	2.13	2.10	2.13	1.76	ppb
Barium	135-1	20.16	19.32	20.44	19.98	2.92	ppb
Barium	137-1	19.91	19.13	19.04	19.36	2.46	ppb
Beryllium	9-1	2.05	1.98	2.03	2.02	1.95	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	23.01	23.62	24.83	23.82	3.88	ppb
Boron	11-1	23.47	23.80	25.70	24.32	4.93	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	2.03	1.84	1.99	1.96	5.10	ppb
Cadmium	106-1	-0.44	-1.27	0.50	-0.40		ppb
Cadmium	108-1	1.74	1.68	1.84	1.75	4.50	ppb
Calcium	43-1	1046.31	1007.85	999.50	1017.89	2.45	ppb
Calcium	44-1	1055.81	1028.94	1016.25	1033.67	1.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.15	4.24	4.14	4.18	1.27	ppb
Cobalt	59-2	2.11	2.02	2.08	2.07	2.20	ppb
Copper	63-2	4.17	4.18	4.23	4.20	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				107		%
Iron	56-2	407.50	406.55	404.73	406.26	0.35	ppb
Iron	57-2	415.37	418.04	415.64	416.35	0.35	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P7
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 19:10:22	DataFile Name :	026LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	423.14	420.72	418.53	420.80	0.55	ppb
Krypton	83-1						cps
Lead	206-1	1.92	1.85	1.91	1.89	1.85	ppb
Lead	207-1	1.84	1.79	1.76	1.80	2.04	ppb
Lead	208-1	1.87	1.80	1.82	1.83	1.86	ppb
Lithium	6-1				104		%
Magnesium	24-2	977.77	987.61	984.11	983.16	0.51	ppb
Manganese	55-2	1.98	1.95	2.06	2.00	2.96	ppb
Molybdenum	94-1	5.60	5.51	5.31	5.47	2.73	ppb
Molybdenum	95-1	2.40	2.27	2.39	2.35	3.12	ppb
Molybdenum	96-1	2.67	2.69	2.57	2.64	2.60	ppb
Molybdenum	97-1	2.37	2.27	2.27	2.30	2.35	ppb
Molybdenum	98-1	2.35	2.25	2.29	2.30	2.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.29	2.20	2.07	2.18	5.09	ppb
Phosphorus	31-2	0.54	19.92	3.60	8.02	129.86	ppb
Potassium	39-2	1033.92	1037.17	1029.73	1033.61	0.36	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	82-1	10.94	10.55	10.49	10.66	2.29	ppb
Selenium	77-2	10.52	10.32	10.00	10.28	2.53	ppb
Selenium	78-2	10.82	10.05	10.09	10.32	4.17	ppb
Silicon	28-1	1.92	1.68	1.65	1.75	8.36	ppb
Silver	107-1	1.72	1.83	1.97	1.84	6.87	ppb
Silver	109-1	1.79	1.86	1.95	1.87	4.38	ppb
Sodium	23-2	961.20	975.98	964.12	967.10	0.81	ppb
Strontium	86-1	2.25	2.29	1.97	2.17	8.12	ppb
Strontium	88-1	2.10	2.11	2.08	2.10	0.87	ppb
Sulfur	34-1	-297.46	-568.96	-727.95	-531.46		ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	1.94	1.90	1.90	1.91	1.27	ppb
Thallium	205-1	1.87	1.86	1.84	1.85	0.75	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P7
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 19:10:22	DataFile Name :	026LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	1.66	1.64	1.61	1.64	1.48	ppb
Tin	118-1	0.04	0.07	0.09	0.06	39.99	ppb
Titanium	47-1	9.83	9.64	9.57	9.68	1.37	ppb
Uranium	238-1	1.72	1.70	1.71	1.71	0.64	ppb
Vanadium	51-2	9.81	9.78	9.71	9.77	0.50	ppb
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	10.29	10.01	10.34	10.21	1.75	ppb
Zirconium	90-1	1.98	1.97	1.96	1.97	0.69	ppb
Zirconium	91-1	1.98	1.91	1.95	1.95	1.79	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-6	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-6	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 19:34:09	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.63	9.59	9.89	10.03	5.34	ppb
Antimony	121-1	1.03	1.06	1.06	1.05	1.97	ppb
Arsenic	75-2	0.40	0.53	0.51	0.48	15.10	ppb
Barium	135-1	4.94	5.16	4.88	4.99	3.00	ppb
Barium	137-1	5.10	5.05	4.93	5.03	1.71	ppb
Beryllium	9-1	0.57	0.59	0.58	0.58	2.36	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	5.94	6.13	6.74	6.27	6.70	ppb
Boron	11-1	6.09	6.22	6.61	6.31	4.30	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.45	0.37	0.45	0.42	10.41	ppb
Cadmium	106-1	-0.35	-1.71	-0.44	-0.83		ppb
Cadmium	108-1	0.42	0.22	0.47	0.37	35.72	ppb
Calcium	43-1	229.13	244.94	246.89	240.32	4.05	ppb
Calcium	44-1	245.55	247.83	244.89	246.09	0.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.97	0.93	0.96	0.96	2.10	ppb
Cobalt	59-2	0.49	0.51	0.51	0.51	2.41	ppb
Copper	63-2	1.04	0.99	1.05	1.03	2.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				109		%
Iron	56-2	24.90	24.93	25.68	25.17	1.76	ppb
Iron	57-2	23.61	26.32	25.31	25.08	5.47	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-6	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-6	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 19:34:09	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	25.53	25.80	27.07	26.14	3.13	ppb
Krypton	83-1						cps
Lead	206-1	0.47	0.45	0.45	0.46	1.59	ppb
Lead	207-1	0.42	0.43	0.45	0.43	3.91	ppb
Lead	208-1	0.45	0.44	0.47	0.45	3.50	ppb
Lithium	6-1				102		%
Magnesium	24-2	245.84	245.92	243.59	245.11	0.54	ppb
Manganese	55-2	0.44	0.45	0.48	0.45	4.60	ppb
Molybdenum	94-1	2.96	2.89	3.09	2.98	3.37	ppb
Molybdenum	95-1	2.49	2.39	2.61	2.50	4.39	ppb
Molybdenum	96-1	2.56	2.54	2.50	2.53	1.17	ppb
Molybdenum	97-1	2.63	2.59	2.50	2.57	2.55	ppb
Molybdenum	98-1	2.51	2.62	2.47	2.53	3.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.51	0.42	0.47	0.47	9.97	ppb
Phosphorus	31-2	7.99	2.47	-8.74	0.57	1486.23	ppb
Potassium	39-2	255.07	249.11	249.97	251.38	1.28	ppb
Rhodium	103-1				111		%
Rhodium	103-2				111		%
Scandium	45-1				110		%
Scandium	45-2				112		%
Selenium	82-1	2.27	2.26	2.14	2.22	3.25	ppb
Selenium	77-2	2.58	1.62	2.42	2.21	23.47	ppb
Selenium	78-2	2.63	2.75	3.66	3.01	18.79	ppb
Silicon	28-1	0.56	0.53	0.47	0.52	8.67	ppb
Silver	107-1	0.42	0.41	0.48	0.44	8.23	ppb
Silver	109-1	0.41	0.47	0.51	0.46	11.32	ppb
Sodium	23-2	241.63	239.35	243.21	241.40	0.81	ppb
Strontium	86-1	0.44	0.45	0.42	0.44	2.90	ppb
Strontium	88-1	0.49	0.48	0.48	0.48	1.44	ppb
Sulfur	34-1	-391.22	-432.41	-486.53	-436.72		ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	0.39	0.42	0.45	0.42	6.60	ppb
Thallium	205-1	0.41	0.43	0.41	0.42	2.32	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-6	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-6	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 19:34:09	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.37	0.38	0.38	0.38	1.12	ppb
Tin	118-1	2.42	2.49	2.42	2.44	1.53	ppb
Titanium	47-1	2.57	2.53	2.71	2.60	3.76	ppb
Uranium	238-1	0.41	0.42	0.41	0.41	1.85	ppb
Vanadium	51-2	2.42	2.43	2.40	2.42	0.81	ppb
Yttrium	89-1				111		%
Yttrium	89-2				111		%
Zinc	66-2	1.06	0.92	0.91	0.96	8.94	ppb
Zirconium	90-1	0.48	0.50	0.45	0.48	4.42	ppb
Zirconium	91-1	0.46	0.50	0.48	0.48	3.27	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-7	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-7	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 19:37:03	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.09	9.34	9.99	9.80	4.12	ppb
Antimony	121-1	0.95	1.01	1.07	1.01	6.22	ppb
Arsenic	75-2	0.47	0.58	0.49	0.51	10.92	ppb
Barium	135-1	4.73	4.65	4.82	4.73	1.72	ppb
Barium	137-1	4.79	4.71	4.74	4.75	0.85	ppb
Beryllium	9-1	0.54	0.52	0.53	0.53	2.60	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	5.91	6.34	6.57	6.27	5.34	ppb
Boron	11-1	5.96	6.35	6.76	6.36	6.30	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.42	0.45	0.30	0.39	20.11	ppb
Cadmium	106-1	0.07	-1.30	-2.99	-1.40		ppb
Cadmium	108-1	0.58	0.37	0.47	0.47	22.98	ppb
Calcium	43-1	248.57	241.59	230.88	240.35	3.71	ppb
Calcium	44-1	235.60	250.21	242.92	242.91	3.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.96	0.92	0.89	0.92	3.94	ppb
Cobalt	59-2	0.46	0.49	0.47	0.47	3.13	ppb
Copper	63-2	1.02	0.97	0.98	0.99	2.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				108		%
Indium	115-1				112		%
Indium	115-2				110		%
Iron	56-2	24.51	24.29	24.68	24.50	0.80	ppb
Iron	57-2	23.99	24.69	24.86	24.51	1.87	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-7	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-7	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 19:37:03	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	24.90	25.40	25.29	25.20	1.04	ppb
Krypton	83-1						cps
Lead	206-1	0.47	0.43	0.43	0.44	5.42	ppb
Lead	207-1	0.44	0.43	0.40	0.42	5.37	ppb
Lead	208-1	0.43	0.42	0.43	0.43	1.46	ppb
Lithium	6-1				101		%
Magnesium	24-2	239.88	237.74	235.94	237.85	0.83	ppb
Manganese	55-2	0.47	0.44	0.46	0.46	2.64	ppb
Molybdenum	94-1	2.84	2.68	2.99	2.84	5.49	ppb
Molybdenum	95-1	2.44	2.57	2.43	2.48	3.15	ppb
Molybdenum	96-1	2.58	2.36	2.49	2.48	4.36	ppb
Molybdenum	97-1	2.48	2.44	2.64	2.52	4.14	ppb
Molybdenum	98-1	2.41	2.39	2.48	2.43	1.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.51	0.43	0.44	0.46	9.99	ppb
Phosphorus	31-2	-5.49	1.22	1.58	-0.90		ppb
Potassium	39-2	245.38	245.62	246.92	245.97	0.34	ppb
Rhodium	103-1				112		%
Rhodium	103-2				112		%
Scandium	45-1				110		%
Scandium	45-2				111		%
Selenium	82-1	3.73	3.71	1.46	2.96	43.95	ppb
Selenium	77-2	3.37	1.99	2.02	2.46	31.86	ppb
Selenium	78-2	3.06	2.78	1.84	2.56	25.07	ppb
Silicon	28-1	0.45	0.52	0.44	0.47	8.84	ppb
Silver	107-1	0.41	0.46	0.49	0.45	8.18	ppb
Silver	109-1	0.43	0.47	0.46	0.45	4.53	ppb
Sodium	23-2	236.07	233.86	234.09	234.67	0.52	ppb
Strontium	86-1	0.65	0.46	0.45	0.52	21.52	ppb
Strontium	88-1	0.50	0.46	0.48	0.48	3.70	ppb
Sulfur	34-1	-435.00	-357.56	-452.14	-414.90		ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	0.44	0.40	0.41	0.42	4.79	ppb
Thallium	205-1	0.42	0.42	0.41	0.42	0.73	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-7	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-7	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 19:37:03	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.36	0.36	0.36	0.36	0.31	ppb
Tin	118-1	2.44	2.28	2.26	2.33	4.28	ppb
Titanium	47-1	2.33	2.31	2.62	2.42	7.14	ppb
Uranium	238-1	0.40	0.40	0.40	0.40	0.50	ppb
Vanadium	51-2	2.40	2.31	2.41	2.37	2.35	ppb
Yttrium	89-1				111		%
Yttrium	89-2				112		%
Zinc	66-2	1.10	1.13	0.90	1.04	12.41	ppb
Zirconium	90-1	0.45	0.44	0.49	0.46	5.54	ppb
Zirconium	91-1	0.42	0.45	0.49	0.45	7.33	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	SOIL BLANK-7	Instrumnet Name :	P7
Client Sample ID :	SOIL BLANK-7	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 19:40:11	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.10	0.50	0.27	0.29	68.37	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	247.18	ppb
Arsenic	75-2	-0.01	0.00	-0.01	-0.01		ppb
Barium	135-1	0.00	0.00	0.00	0.00		ppb
Barium	137-1	0.00	-0.01	0.01	0.00		ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	25.97	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	10-1	0.29	0.40	0.22	0.30	28.67	ppb
Boron	11-1	0.32	0.25	0.40	0.32	24.07	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.05	-0.05	-0.07	-0.06		ppb
Cadmium	106-1	-1.10	-1.14	-1.35	-1.20		ppb
Cadmium	108-1	-0.12	-0.15	-0.13	-0.13		ppb
Calcium	43-1	-1.37	-1.99	-0.66	-1.34		ppb
Calcium	44-1	1.31	0.73	1.21	1.08	28.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.00	-0.03	-0.01		ppb
Cobalt	59-2	0.01	-0.01	0.01	0.00	549.59	ppb
Copper	63-2	0.00	0.00	-0.01	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				109		%
Indium	115-1				111		%
Indium	115-2				111		%
Iron	56-2	0.16	-0.02	-0.01	0.04	246.35	ppb
Iron	57-2	-0.85	-0.07	0.08	-0.28		ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	SOIL BLANK-7	Instrumnet Name :	P7
Client Sample ID :	SOIL BLANK-7	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 19:40:11	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.32	-0.31	-0.46	-0.15		ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.02	0.01	136.18	ppb
Lead	207-1	0.00	-0.01	0.01	0.00	535.69	ppb
Lead	208-1	0.01	0.00	0.01	0.00	95.63	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.42	0.15	0.56	0.38	56.05	ppb
Manganese	55-2	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	94-1	0.00	0.04	0.01	0.02	114.33	ppb
Molybdenum	95-1	0.01	0.00	0.01	0.01	32.55	ppb
Molybdenum	96-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	97-1	0.00	0.01	0.00	0.00	94.78	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	38.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.02	-0.02	-0.03		ppb
Phosphorus	31-2	-10.17	-10.07	-11.44	-10.56		ppb
Potassium	39-2	-1.56	0.23	-2.18	-1.17		ppb
Rhodium	103-1				111		%
Rhodium	103-2				112		%
Scandium	45-1				110		%
Scandium	45-2				111		%
Selenium	82-1	0.44	-0.40	0.81	0.28	220.17	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.04	0.36	-0.30	0.37	182.82	ppb
Silicon	28-1	0.02	-0.07	0.12	0.02	409.18	ppb
Silver	107-1	0.03	0.03	0.02	0.03	25.33	ppb
Silver	109-1	0.03	0.02	0.03	0.02	5.93	ppb
Sodium	23-2	2.86	2.26	2.39	2.51	12.61	ppb
Strontium	86-1	0.01	-0.09	0.04	-0.02		ppb
Strontium	88-1	0.00	0.01	0.00	0.00	55.11	ppb
Sulfur	34-1	-399.33	-548.32	-257.67	-401.78		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	-0.02	-0.02	-0.01	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	SOIL BLANK-7	Instrumnet Name :	P7
Client Sample ID :	SOIL BLANK-7	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 19:40:11	DataFile Name :	033SMPL.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	0.00	-0.04	-0.01	-0.02		ppb
Titanium	47-1	0.00	-0.03	0.00	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				111		%
Yttrium	89-2				112		%
Zinc	66-2	0.00	-0.07	-0.01	-0.03		ppb
Zirconium	90-1	0.01	0.00	0.00	0.01	115.95	ppb
Zirconium	91-1	0.00	0.02	0.00	0.01	99.60	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P7
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 19:43:05	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51163.74	50055.30	50450.60	50556.55	1.11	ppb
Antimony	121-1	531.14	529.70	515.49	525.44	1.65	ppb
Arsenic	75-2	490.32	490.52	483.63	488.15	0.80	ppb
Barium	135-1	2587.95	2572.04	2521.65	2560.55	1.35	ppb
Barium	137-1	2574.08	2542.81	2506.96	2541.28	1.32	ppb
Beryllium	9-1	509.67	519.83	507.41	512.30	1.29	ppb
Bismuth	209-1				97		%
Bismuth	209-2				93		%
Boron	10-1	474.26	508.30	492.13	491.56	3.46	ppb
Boron	11-1	472.26	521.31	491.33	494.97	5.00	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	518.69	522.22	507.52	516.14	1.49	ppb
Cadmium	106-1	510.76	513.49	501.40	508.55	1.25	ppb
Cadmium	108-1	517.03	515.60	508.66	513.76	0.87	ppb
Calcium	43-1	253298.80	251513.29	252916.16	252576.09	0.37	ppb
Calcium	44-1	250427.25	247638.25	245046.89	247704.13	1.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	495.73	496.51	492.50	494.92	0.43	ppb
Cobalt	59-2	490.06	484.85	477.96	484.29	1.25	ppb
Copper	63-2	5043.46	5009.27	4974.60	5009.11	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				107		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	128957.26	127052.61	125421.18	127143.68	1.39	ppb
Iron	57-2	127810.71	128123.49	124838.34	126924.18	1.43	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P7
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 19:43:05	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	129569.94	128889.75	128080.15	128846.62	0.58	ppb
Krypton	83-1						cps
Lead	206-1	2587.11	2575.74	2626.60	2596.48	1.03	ppb
Lead	207-1	2553.45	2574.77	2580.59	2569.60	0.56	ppb
Lead	208-1	2547.78	2573.59	2583.58	2568.32	0.72	ppb
Lithium	6-1				99		%
Magnesium	24-2	257880.68	250395.38	250929.21	253068.42	1.65	ppb
Manganese	55-2	4886.26	4827.24	4829.00	4847.50	0.69	ppb
Molybdenum	94-1	5082.51	5117.26	5046.46	5082.08	0.70	ppb
Molybdenum	95-1	5068.02	5144.16	5078.58	5096.92	0.81	ppb
Molybdenum	96-1	5043.52	5121.48	5061.56	5075.52	0.80	ppb
Molybdenum	97-1	5085.52	5169.88	4985.37	5080.26	1.82	ppb
Molybdenum	98-1	5044.00	5109.20	4996.03	5049.74	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	513.03	507.09	504.35	508.15	0.87	ppb
Phosphorus	31-2	10017.48	10001.81	9808.55	9942.61	1.17	ppb
Potassium	39-2	125891.45	126377.61	125298.39	125855.82	0.43	ppb
Rhodium	103-1				95		%
Rhodium	103-2				92		%
Scandium	45-1				101		%
Scandium	45-2				95		%
Selenium	82-1	505.00	512.24	508.20	508.48	0.71	ppb
Selenium	77-2	521.67	498.81	523.57	514.68	2.68	ppb
Selenium	78-2	517.13	504.18	504.42	508.58	1.46	ppb
Silicon	28-1	492.29	499.04	486.04	492.45	1.32	ppb
Silver	107-1	536.21	526.20	524.58	528.99	1.19	ppb
Silver	109-1	530.90	530.90	527.07	529.62	0.42	ppb
Sodium	23-2	255931.81	254355.73	252951.86	254413.13	0.59	ppb
Strontium	86-1	12410.81	12640.89	12398.29	12483.33	1.09	ppb
Strontium	88-1	12428.45	12622.63	12362.62	12471.23	1.08	ppb
Sulfur	34-1	8986.46	8862.41	8549.29	8799.39	2.56	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	520.52	513.78	519.48	517.93	0.70	ppb
Thallium	205-1	520.98	511.33	522.35	518.22	1.16	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P7
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 19:43:05	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	501.44	515.14	519.07	511.88	1.81	ppb
Tin	118-1	515.81	506.07	500.57	507.49	1.52	ppb
Titanium	47-1	5040.38	5057.32	5005.05	5034.25	0.53	ppb
Uranium	238-1	505.52	512.50	523.27	513.77	1.74	ppb
Vanadium	51-2	498.49	493.25	499.20	496.98	0.65	ppb
Yttrium	89-1				104		%
Yttrium	89-2				98		%
Zinc	66-2	5042.19	4936.01	4943.26	4973.82	1.19	ppb
Zirconium	90-1	509.95	510.02	501.67	507.21	0.95	ppb
Zirconium	91-1	504.72	509.94	502.49	505.72	0.76	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CCB40	Instrumnet Name :	P7
Client Sample ID :	CCB40	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 19:48:16	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.71	0.91	0.62	0.75	19.93	ppb
Antimony	121-1	0.14	0.13	0.14	0.14	5.12	ppb
Arsenic	75-2	-0.02	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.04	0.10	0.08	0.07	36.56	ppb
Barium	137-1	0.06	0.07	0.04	0.06	32.09	ppb
Beryllium	9-1	0.04	0.02	0.03	0.03	20.29	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	10-1	4.73	4.50	3.68	4.30	12.85	ppb
Boron	11-1	4.83	4.24	4.12	4.40	8.67	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.19	-0.18	-0.11	-0.16		ppb
Cadmium	106-1	-3.78	-3.67	-2.47	-3.31		ppb
Cadmium	108-1	0.04	0.02	-0.19	-0.05		ppb
Calcium	43-1	5.86	7.39	0.64	4.63	76.34	ppb
Calcium	44-1	7.64	5.43	5.05	6.04	23.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.00	-0.01	0.00	2669.72	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	23.80	ppb
Copper	63-2	0.15	0.11	0.12	0.12	18.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	2.29	2.39	2.10	2.26	6.46	ppb
Iron	57-2	1.94	1.43	1.29	1.55	22.03	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CCB40	Instrumnet Name :	P7
Client Sample ID :	CCB40	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 19:48:16	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2.05	1.88	2.87	2.26	23.36	ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.08	0.08	0.09	11.47	ppb
Lead	207-1	0.09	0.05	0.07	0.07	27.87	ppb
Lead	208-1	0.09	0.08	0.08	0.08	12.01	ppb
Lithium	6-1				104		%
Magnesium	24-2	5.53	4.85	5.29	5.22	6.55	ppb
Manganese	55-2	0.10	0.08	0.09	0.09	14.36	ppb
Molybdenum	94-1	0.19	0.14	0.14	0.16	17.95	ppb
Molybdenum	95-1	0.16	0.15	0.17	0.16	5.28	ppb
Molybdenum	96-1	0.16	0.18	0.15	0.16	9.45	ppb
Molybdenum	97-1	0.19	0.14	0.17	0.16	15.29	ppb
Molybdenum	98-1	0.18	0.18	0.15	0.17	11.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	-0.02	-0.01		ppb
Phosphorus	31-2	-9.33	-11.69	-11.75	-10.92		ppb
Potassium	39-2	-4.12	-4.31	-2.85	-3.76		ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	-0.19	0.15	0.13	0.03	611.48	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.08	-0.21	0.16	-0.04		ppb
Silicon	28-1	-0.13	-0.22	-0.21	-0.19		ppb
Silver	107-1	0.05	0.06	0.04	0.05	16.55	ppb
Silver	109-1	0.06	0.05	0.06	0.06	16.42	ppb
Sodium	23-2	24.44	23.19	23.15	23.59	3.11	ppb
Strontium	86-1	0.36	0.35	0.18	0.30	33.62	ppb
Strontium	88-1	0.33	0.27	0.26	0.29	12.76	ppb
Sulfur	34-1	-722.22	-822.85	-923.24	-822.77		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.01	0.02	0.00	0.01	87.60	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	49.55	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CCB40	Instrumnet Name :	P7
Client Sample ID :	CCB40	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 19:48:16	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	22.30	ppb
Tin	118-1	0.02	0.05	-0.01	0.02	161.20	ppb
Titanium	47-1	0.13	0.13	0.06	0.11	36.52	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	23.10	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	10.41	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	0.12	0.09	0.03	0.08	56.48	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	17.05	ppb
Zirconium	91-1	0.01	0.02	0.03	0.02	34.83	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 20:05:04	DataFile Name :	036CRI.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.96	19.61	21.74	20.11	7.24	ppb
Antimony	121-1	2.11	2.11	2.07	2.10	1.02	ppb
Arsenic	75-2	1.08	1.12	1.05	1.08	3.15	ppb
Barium	135-1	10.19	10.07	9.84	10.03	1.80	ppb
Barium	137-1	10.04	9.90	10.25	10.06	1.76	ppb
Beryllium	9-1	1.08	1.09	0.98	1.05	5.89	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	10-1	11.35	12.85	12.47	12.22	6.38	ppb
Boron	11-1	12.38	12.71	12.73	12.61	1.56	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.76	0.93	0.82	0.84	10.19	ppb
Cadmium	106-1	-3.73	-1.64	-2.30	-2.55		ppb
Cadmium	108-1	0.95	1.11	1.08	1.05	7.90	ppb
Calcium	43-1	480.43	487.25	504.98	490.89	2.58	ppb
Calcium	44-1	509.43	510.85	510.44	510.24	0.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.95	1.91	1.93	1.93	1.17	ppb
Cobalt	59-2	1.05	1.06	1.04	1.05	1.12	ppb
Copper	63-2	2.12	2.14	2.13	2.13	0.31	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				110		%
Indium	115-2				109		%
Iron	56-2	52.17	52.38	52.20	52.25	0.22	ppb
Iron	57-2	53.06	53.73	51.35	52.71	2.33	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 20:05:04	DataFile Name :	036CRI.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	52.04	56.05	56.72	54.94	4.60	ppb
Krypton	83-1						cps
Lead	206-1	0.92	0.95	0.89	0.92	3.05	ppb
Lead	207-1	0.84	0.89	0.84	0.86	3.06	ppb
Lead	208-1	0.87	0.91	0.88	0.89	2.07	ppb
Lithium	6-1				104		%
Magnesium	24-2	504.55	494.42	499.28	499.42	1.01	ppb
Manganese	55-2	0.99	0.93	1.03	0.98	5.30	ppb
Molybdenum	94-1	5.78	5.89	6.02	5.90	2.04	ppb
Molybdenum	95-1	5.12	5.12	5.13	5.12	0.09	ppb
Molybdenum	96-1	4.99	5.25	5.16	5.14	2.56	ppb
Molybdenum	97-1	5.11	5.25	5.00	5.12	2.49	ppb
Molybdenum	98-1	5.08	4.89	5.09	5.02	2.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	0.96	1.04	1.00	3.63	ppb
Phosphorus	31-2	6.64	1.83	6.50	4.99	54.87	ppb
Potassium	39-2	516.66	511.32	519.93	515.97	0.84	ppb
Rhodium	103-1				109		%
Rhodium	103-2				110		%
Scandium	45-1				109		%
Scandium	45-2				108		%
Selenium	82-1	3.71	4.60	5.77	4.69	21.96	ppb
Selenium	77-2	5.47	4.67	4.04	4.73	15.16	ppb
Selenium	78-2	5.38	4.87	5.42	5.22	5.94	ppb
Silicon	28-1	0.67	0.88	0.82	0.79	13.98	ppb
Silver	107-1	0.84	0.89	0.97	0.90	7.50	ppb
Silver	109-1	0.84	0.96	0.95	0.92	7.32	ppb
Sodium	23-2	491.34	493.65	489.42	491.47	0.43	ppb
Strontium	86-1	1.03	0.98	0.96	0.99	3.79	ppb
Strontium	88-1	1.01	1.02	1.01	1.01	0.46	ppb
Sulfur	34-1	-669.52	-508.64	-524.91	-567.69		ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	0.89	0.86	0.90	0.89	2.28	ppb
Thallium	205-1	0.87	0.87	0.88	0.87	0.54	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 20:05:04	DataFile Name :	036CRI.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.78	0.76	0.76	0.77	1.45	ppb
Tin	118-1	5.04	4.93	5.06	5.01	1.37	ppb
Titanium	47-1	5.20	5.40	4.86	5.15	5.34	ppb
Uranium	238-1	0.81	0.83	0.86	0.83	3.45	ppb
Vanadium	51-2	5.01	4.96	4.89	4.96	1.25	ppb
Yttrium	89-1				111		%
Yttrium	89-2				110		%
Zinc	66-2	2.28	1.91	1.99	2.06	9.38	ppb
Zirconium	90-1	0.93	0.98	1.00	0.97	4.06	ppb
Zirconium	91-1	0.99	0.96	0.91	0.95	4.12	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	PB145475BL	Instrumnet Name :	P7
Client Sample ID :	PB145475BL	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 20:12:03	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.44	4.30	4.29	4.68	14.15	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	38.96	ppb
Arsenic	75-2	-0.02	-0.02	-0.02	-0.02		ppb
Barium	135-1	-0.01	0.00	-0.01	-0.01		ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.02	0.01	0.00	0.01	86.13	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	10-1	0.76	0.48	0.70	0.65	23.04	ppb
Boron	11-1	0.43	0.37	0.41	0.40	7.78	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.23	-0.22	-0.21	-0.22		ppb
Cadmium	106-1	-4.31	-3.97	-3.90	-4.06		ppb
Cadmium	108-1	-0.13	-0.02	-0.15	-0.10		ppb
Calcium	43-1	-9.44	-9.60	-7.68	-8.91		ppb
Calcium	44-1	-9.77	-8.90	-8.33	-9.00		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.03	-0.02	0.00	696.42	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.01	0.01	0.02	0.01	53.45	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				111		%
Indium	115-2				109		%
Iron	56-2	-0.04	0.02	-0.01	-0.01		ppb
Iron	57-2	-0.46	-1.12	0.35	-0.41		ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	PB145475BL	Instrumnet Name :	P7
Client Sample ID :	PB145475BL	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 20:12:03	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.05	0.46	-0.56	-0.02		ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.01	0.02	25.55	ppb
Lead	207-1	0.01	0.01	0.03	0.02	73.39	ppb
Lead	208-1	0.01	0.02	0.02	0.02	23.87	ppb
Lithium	6-1				103		%
Magnesium	24-2	0.28	0.33	0.43	0.35	21.46	ppb
Manganese	55-2	-0.01	-0.02	-0.01	-0.01		ppb
Molybdenum	94-1	0.02	0.02	0.03	0.02	30.90	ppb
Molybdenum	95-1	0.02	0.02	0.01	0.02	29.07	ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	0.95	ppb
Molybdenum	97-1	0.00	0.02	0.00	0.01	146.82	ppb
Molybdenum	98-1	0.00	0.01	0.01	0.01	69.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.03	-0.05	-0.04		ppb
Phosphorus	31-2	-11.68	-13.74	-13.10	-12.84		ppb
Potassium	39-2	-4.74	-5.93	-5.17	-5.28		ppb
Rhodium	103-1				112		%
Rhodium	103-2				111		%
Scandium	45-1				111		%
Scandium	45-2				109		%
Selenium	82-1	0.56	0.97	-0.07	0.49	108.27	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.23	0.52	0.22	0.17	219.79	ppb
Silicon	28-1	-0.14	-0.12	-0.06	-0.11		ppb
Silver	107-1	0.01	0.01	0.00	0.01	63.25	ppb
Silver	109-1	0.01	0.01	0.01	0.01	21.03	ppb
Sodium	23-2	3.44	3.72	4.38	3.85	12.60	ppb
Strontium	86-1	0.07	0.03	0.08	0.06	51.64	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	49.17	ppb
Sulfur	34-1	-592.61	-518.40	-494.76	-535.25		ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	-0.02	-0.02	-0.01	-0.02		ppb
Thallium	205-1	-0.03	-0.02	-0.02	-0.02		ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	PB145475BL	Instrumnet Name :	P7
Client Sample ID :	PB145475BL	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 20:12:03	DataFile Name :	037CCBE.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	-0.16	-0.17	-0.16	-0.17		ppb
Titanium	47-1	0.05	0.01	0.01	0.03	76.48	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	452.18	ppb
Yttrium	89-1				112		%
Yttrium	89-2				110		%
Zinc	66-2	-0.01	-0.08	-0.11	-0.06		ppb
Zirconium	90-1	0.00	0.02	0.00	0.00	233.15	ppb
Zirconium	91-1	-0.01	0.03	0.00	0.01	302.74	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	PB145475BS	Instrumnet Name :	P7
Client Sample ID :	PB145475BS	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 20:14:58	DataFile Name :	038LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10156.98	10374.65	10278.83	10270.15	1.06	ppb
Antimony	121-1	524.84	536.62	528.03	529.83	1.15	ppb
Arsenic	75-2	501.77	503.54	501.02	502.11	0.26	ppb
Barium	135-1	2632.14	2640.51	2589.27	2620.64	1.05	ppb
Barium	137-1	2600.41	2617.97	2617.85	2612.08	0.39	ppb
Beryllium	9-1	507.30	523.55	519.15	516.67	1.63	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	10-1	458.78	502.51	498.89	486.73	4.99	ppb
Boron	11-1	463.07	506.59	508.03	492.56	5.19	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	516.43	524.37	526.81	522.54	1.04	ppb
Cadmium	106-1	512.62	527.37	511.73	517.24	1.70	ppb
Cadmium	108-1	516.72	518.69	510.03	515.15	0.88	ppb
Calcium	43-1	57371.58	59187.07	58825.73	58461.46	1.64	ppb
Calcium	44-1	47068.79	47972.72	47889.98	47643.83	1.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	508.81	510.44	504.58	507.94	0.60	ppb
Cobalt	59-2	504.20	505.68	508.69	506.19	0.45	ppb
Copper	63-2	5056.81	5145.37	5087.28	5096.48	0.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				99		%
Iron	56-2	25929.64	26140.25	26335.30	26135.06	0.78	ppb
Iron	57-2	25932.44	26184.83	25853.37	25990.21	0.67	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	PB145475BS	Instrumnet Name :	P7
Client Sample ID :	PB145475BS	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 20:14:58	DataFile Name :	038LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	26853.18	27164.46	26960.99	26992.88	0.59	ppb
Krypton	83-1						cps
Lead	206-1	2543.40	2555.21	2571.42	2556.67	0.55	ppb
Lead	207-1	2484.26	2507.24	2546.78	2512.76	1.26	ppb
Lead	208-1	2497.66	2520.13	2541.43	2519.74	0.87	ppb
Lithium	6-1				104		%
Magnesium	24-2	50588.99	50570.75	51130.64	50763.46	0.63	ppb
Manganese	55-2	4948.63	5016.61	5003.84	4989.69	0.72	ppb
Molybdenum	94-1	5022.04	5075.70	5050.38	5049.37	0.53	ppb
Molybdenum	95-1	5038.04	5136.38	5106.70	5093.71	0.99	ppb
Molybdenum	96-1	5086.69	5065.33	5111.00	5087.67	0.45	ppb
Molybdenum	97-1	5106.07	5135.82	5116.95	5119.61	0.29	ppb
Molybdenum	98-1	5035.06	5122.84	5038.64	5065.51	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.22	503.31	506.62	503.38	0.64	ppb
Phosphorus	31-2	10081.18	10094.51	10127.99	10101.23	0.24	ppb
Potassium	39-2	25278.93	25371.07	25518.63	25389.54	0.48	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				96		%
Selenium	82-1	501.03	511.78	503.52	505.44	1.11	ppb
Selenium	77-2	494.88	519.42	500.63	504.98	2.54	ppb
Selenium	78-2	498.55	495.52	492.49	495.52	0.61	ppb
Silicon	28-1	481.15	492.33	489.93	487.80	1.21	ppb
Silver	107-1	531.58	533.33	529.60	531.50	0.35	ppb
Silver	109-1	528.76	537.17	536.53	534.16	0.88	ppb
Sodium	23-2	51628.70	51766.41	51880.38	51758.50	0.24	ppb
Strontium	86-1	12535.94	12769.02	12696.01	12666.99	0.94	ppb
Strontium	88-1	12671.52	12843.30	12593.79	12702.87	1.01	ppb
Sulfur	34-1	8908.11	9282.04	9219.13	9136.42	2.19	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	503.42	514.41	507.48	508.44	1.09	ppb
Thallium	205-1	499.04	512.53	508.48	506.68	1.37	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	PB145475BS	Instrumnet Name :	P7
Client Sample ID :	PB145475BS	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 20:14:58	DataFile Name :	038LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	471.71	482.70	490.24	481.55	1.93	ppb
Tin	118-1	519.47	532.57	526.25	526.10	1.25	ppb
Titanium	47-1	5022.56	5146.77	5080.25	5083.20	1.22	ppb
Uranium	238-1	473.15	482.26	491.74	482.38	1.93	ppb
Vanadium	51-2	500.45	509.81	500.47	503.58	1.07	ppb
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	4971.10	5086.68	5128.53	5062.10	1.61	ppb
Zirconium	90-1	500.72	508.06	508.23	505.67	0.85	ppb
Zirconium	91-1	501.54	510.61	507.80	506.65	0.92	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-02	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-4-GW-062022	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 20:17:36	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32.14	29.66	31.52	31.11	4.14	ppb
Antimony	121-1	0.35	0.33	0.31	0.33	4.74	ppb
Arsenic	75-2	0.34	0.32	0.36	0.34	6.06	ppb
Barium	135-1	134.33	137.24	138.39	136.65	1.53	ppb
Barium	137-1	137.39	136.07	136.73	136.73	0.48	ppb
Beryllium	9-1	0.08	0.07	0.07	0.07	6.56	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Boron	10-1	32.18	30.81	30.43	31.14	2.96	ppb
Boron	11-1	32.33	31.57	30.88	31.59	2.30	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.15	1.10	1.11	1.12	2.47	ppb
Cadmium	106-1	-2.13	-2.92	-2.13	-2.39		ppb
Cadmium	108-1	-0.15	-0.13	0.04	-0.08		ppb
Calcium	43-1	65279.05	67523.89	66610.24	66471.06	1.70	ppb
Calcium	44-1	66924.69	67242.19	67423.28	67196.72	0.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.08	0.10	0.12	0.10	20.58	ppb
Cobalt	59-2	0.16	0.15	0.16	0.15	5.00	ppb
Copper	63-2	0.41	0.41	0.38	0.40	4.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				109		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	56-2	9.57	9.57	9.41	9.52	1.00	ppb
Iron	57-2	181.79	186.94	186.92	185.21	1.60	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-02	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-4-GW-062022	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 20:17:36	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	7.13	9.47	7.95	8.19	14.52	ppb
Krypton	83-1						cps
Lead	206-1	0.30	0.28	0.25	0.27	9.80	ppb
Lead	207-1	0.30	0.25	0.25	0.27	11.31	ppb
Lead	208-1	0.30	0.27	0.26	0.28	7.49	ppb
Lithium	6-1				105		%
Magnesium	24-2	7506.64	7387.82	7359.38	7417.95	1.05	ppb
Manganese	55-2	102.71	102.56	102.30	102.52	0.20	ppb
Molybdenum	94-1	1.14	0.99	1.03	1.05	7.35	ppb
Molybdenum	95-1	1.24	1.24	1.05	1.18	9.30	ppb
Molybdenum	96-1	1.14	1.11	1.07	1.11	3.15	ppb
Molybdenum	97-1	1.09	1.15	1.16	1.14	3.41	ppb
Molybdenum	98-1	1.09	1.06	1.06	1.07	1.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.59	0.50	0.55	0.55	7.62	ppb
Phosphorus	31-2	-9.05	-5.89	-1.88	-5.61		ppb
Potassium	39-2	1538.12	1557.96	1528.75	1541.61	0.97	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	82-1	2.19	3.48	2.23	2.64	27.89	ppb
Selenium	77-2	1.29	0.87	0.64	0.93	35.23	ppb
Selenium	78-2	0.78	0.43	0.99	0.73	38.94	ppb
Silicon	28-1	406.21	418.78	415.16	413.38	1.57	ppb
Silver	107-1	0.22	0.18	0.13	0.18	23.29	ppb
Silver	109-1	0.19	0.18	0.15	0.17	12.46	ppb
Sodium	23-2	10775.07	10827.17	10709.25	10770.50	0.55	ppb
Strontium	86-1	536.53	536.93	527.08	533.52	1.05	ppb
Strontium	88-1	536.50	531.54	530.92	532.99	0.57	ppb
Sulfur	34-1	11187.33	11430.67	11305.19	11307.73	1.08	ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	0.06	0.04	0.05	0.05	25.76	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	1.47	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-02	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-4-GW-062022	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 20:17:36	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.04	0.03	0.03	0.03	16.27	ppb
Tin	118-1	0.16	0.13	0.14	0.14	11.17	ppb
Titanium	47-1	0.71	0.63	0.84	0.72	14.72	ppb
Uranium	238-1	0.77	0.74	0.75	0.75	1.70	ppb
Vanadium	51-2	0.15	0.15	0.15	0.15	1.05	ppb
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	6.33	6.21	6.13	6.23	1.60	ppb
Zirconium	90-1	0.07	0.08	0.06	0.07	12.10	ppb
Zirconium	91-1	0.08	0.06	0.04	0.06	28.66	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-04	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-6-GW-062022	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 20:20:28	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41.61	39.66	38.56	39.94	3.87	ppb
Antimony	121-1	0.15	0.14	0.13	0.14	5.53	ppb
Arsenic	75-2	0.09	0.07	0.12	0.09	22.45	ppb
Barium	135-1	118.75	118.69	119.08	118.84	0.18	ppb
Barium	137-1	119.93	120.64	121.79	120.79	0.78	ppb
Beryllium	9-1	0.02	0.02	0.03	0.02	24.48	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Boron	10-1	22.75	23.81	23.91	23.49	2.74	ppb
Boron	11-1	22.49	23.92	24.48	23.63	4.35	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.12	1.05	1.09	1.09	3.55	ppb
Cadmium	106-1	-2.21	-3.09	-2.33	-2.54		ppb
Cadmium	108-1	0.07	-0.15	-0.02	-0.04		ppb
Calcium	43-1	57508.56	56694.85	57810.95	57338.12	1.01	ppb
Calcium	44-1	56776.12	57914.41	58515.79	57735.44	1.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.33	0.35	0.35	0.34	2.50	ppb
Cobalt	59-2	0.05	0.06	0.06	0.06	5.36	ppb
Copper	63-2	0.36	0.36	0.36	0.36	0.75	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				108		%
Indium	115-2				105		%
Iron	56-2	23.59	24.04	24.24	23.96	1.39	ppb
Iron	57-2	163.93	174.20	169.65	169.26	3.04	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-04	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-6-GW-062022	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 20:20:28	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	23.18	21.85	23.13	22.72	3.32	ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.17	0.17	0.16	4.85	ppb
Lead	207-1	0.16	0.13	0.16	0.15	12.55	ppb
Lead	208-1	0.16	0.16	0.16	0.16	1.32	ppb
Lithium	6-1				106		%
Magnesium	24-2	7288.07	7259.56	7234.14	7260.59	0.37	ppb
Manganese	55-2	1.39	1.38	1.43	1.40	1.65	ppb
Molybdenum	94-1	0.51	0.53	0.59	0.54	7.70	ppb
Molybdenum	95-1	0.48	0.52	0.53	0.51	5.09	ppb
Molybdenum	96-1	0.55	0.58	0.61	0.58	5.76	ppb
Molybdenum	97-1	0.52	0.52	0.62	0.55	10.38	ppb
Molybdenum	98-1	0.52	0.54	0.53	0.53	2.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.58	0.63	0.60	0.60	3.84	ppb
Phosphorus	31-2	-8.67	-5.70	-2.15	-5.51		ppb
Potassium	39-2	1908.38	1907.51	1932.76	1916.22	0.75	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	82-1	5.12	5.34	5.13	5.20	2.47	ppb
Selenium	77-2	3.41	2.99	3.00	3.13	7.72	ppb
Selenium	78-2	2.55	3.22	3.59	3.12	16.93	ppb
Silicon	28-1	381.13	388.74	383.23	384.37	1.02	ppb
Silver	107-1	0.04	0.04	0.04	0.04	4.48	ppb
Silver	109-1	0.05	0.04	0.05	0.05	10.37	ppb
Sodium	23-2	10572.49	10484.19	10645.22	10567.30	0.76	ppb
Strontium	86-1	547.16	545.07	546.94	546.39	0.21	ppb
Strontium	88-1	546.10	544.39	541.19	543.89	0.46	ppb
Sulfur	34-1	10334.53	10524.09	10647.36	10502.00	1.50	ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	0.00	0.00	0.01	0.01	90.69	ppb
Thallium	205-1	0.00	0.01	0.00	0.01	81.44	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-04	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-6-GW-062022	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 20:20:28	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.02	0.01	0.01	0.01	32.96	ppb
Tin	118-1	0.72	0.69	0.67	0.69	3.57	ppb
Titanium	47-1	0.55	0.73	0.70	0.66	14.37	ppb
Uranium	238-1	0.39	0.41	0.39	0.40	2.24	ppb
Vanadium	51-2	0.18	0.21	0.16	0.18	13.90	ppb
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	4.21	4.20	4.13	4.18	1.02	ppb
Zirconium	90-1	0.05	0.04	0.03	0.04	24.66	ppb
Zirconium	91-1	0.03	0.06	0.04	0.04	36.61	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-06	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-5-GW-062022	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 20:23:22	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.47	7.04	6.01	6.50	7.92	ppb
Antimony	121-1	0.06	0.05	0.05	0.06	9.65	ppb
Arsenic	75-2	0.09	0.16	0.13	0.13	25.31	ppb
Barium	135-1	86.51	86.81	86.31	86.55	0.29	ppb
Barium	137-1	85.31	86.67	85.82	85.93	0.80	ppb
Beryllium	9-1	0.03	0.02	0.02	0.02	7.26	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	10-1	21.66	22.20	24.92	22.92	7.62	ppb
Boron	11-1	23.40	25.14	25.07	24.54	4.00	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.36	0.36	0.26	0.33	18.55	ppb
Cadmium	106-1	-1.83	-1.85	-3.74	-2.48		ppb
Cadmium	108-1	-0.13	-0.04	-0.26	-0.15		ppb
Calcium	43-1	66310.33	66885.80	66316.32	66504.15	0.50	ppb
Calcium	44-1	67298.54	69107.16	68349.02	68251.58	1.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.17	0.12	0.14	0.14	17.79	ppb
Cobalt	59-2	0.06	0.06	0.08	0.07	13.69	ppb
Copper	63-2	0.25	0.28	0.27	0.27	6.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				109		%
Indium	115-1				109		%
Indium	115-2				106		%
Iron	56-2	5.84	6.08	5.83	5.92	2.47	ppb
Iron	57-2	175.42	177.20	180.82	177.82	1.55	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-06	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-5-GW-062022	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 20:23:22	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	6.61	4.60	6.35	5.85	18.63	ppb
Krypton	83-1						cps
Lead	206-1	0.17	0.18	0.15	0.17	9.04	ppb
Lead	207-1	0.13	0.12	0.12	0.12	4.06	ppb
Lead	208-1	0.16	0.15	0.14	0.15	5.43	ppb
Lithium	6-1				103		%
Magnesium	24-2	11073.25	10763.40	10792.67	10876.44	1.57	ppb
Manganese	55-2	6.05	6.04	6.08	6.06	0.38	ppb
Molybdenum	94-1	1.05	0.98	1.05	1.03	4.34	ppb
Molybdenum	95-1	1.32	1.15	1.27	1.24	7.09	ppb
Molybdenum	96-1	1.30	1.25	1.19	1.25	4.36	ppb
Molybdenum	97-1	1.22	1.30	1.18	1.23	5.11	ppb
Molybdenum	98-1	1.29	1.23	1.23	1.25	2.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.50	0.51	0.46	0.49	5.64	ppb
Phosphorus	31-2	-4.64	2.47	-3.43	-1.87		ppb
Potassium	39-2	2221.22	2200.19	2191.56	2204.32	0.69	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	82-1	1.26	0.76	1.28	1.10	26.60	ppb
Selenium	77-2	0.00	0.00	0.21	0.07	173.21	ppb
Selenium	78-2	0.10	-0.46	0.54	0.06	871.20	ppb
Silicon	28-1	476.57	486.48	480.95	481.34	1.03	ppb
Silver	107-1	0.03	0.02	0.02	0.02	21.63	ppb
Silver	109-1	0.03	0.02	0.03	0.03	15.57	ppb
Sodium	23-2	18195.88	18076.93	18106.43	18126.41	0.34	ppb
Strontium	86-1	197.16	195.47	194.92	195.85	0.60	ppb
Strontium	88-1	198.56	198.31	195.39	197.42	0.89	ppb
Sulfur	34-1	12752.92	13134.61	14437.72	13441.75	6.57	ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	-0.01	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-06	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-5-GW-062022	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 20:23:22	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	24.09	ppb
Tin	118-1	0.08	0.11	0.07	0.09	21.30	ppb
Titanium	47-1	0.57	0.54	0.51	0.54	5.21	ppb
Uranium	238-1	0.13	0.13	0.13	0.13	1.93	ppb
Vanadium	51-2	0.12	0.10	0.11	0.11	10.24	ppb
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	3.88	4.23	3.87	3.99	5.20	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	25.96	ppb
Zirconium	91-1	0.00	0.02	0.03	0.02	93.00	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-08	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-3-GW-062022	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 20:26:13	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	65.27	64.71	64.25	64.74	0.78	ppb
Antimony	121-1	0.07	0.07	0.05	0.06	21.04	ppb
Arsenic	75-2	0.09	0.09	0.13	0.10	21.27	ppb
Barium	135-1	166.29	133.76	129.57	143.20	14.04	ppb
Barium	137-1	167.21	135.04	130.34	144.19	13.92	ppb
Beryllium	9-1	0.01	0.02	0.02	0.02	32.47	ppb
Bismuth	209-1				99		%
Bismuth	209-2				105		%
Boron	10-1	20.09	15.72	16.29	17.37	13.69	ppb
Boron	11-1	19.45	15.65	16.35	17.15	11.79	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.49	0.36	0.40	0.42	15.80	ppb
Cadmium	106-1	-1.45	-2.14	-1.15	-1.58		ppb
Cadmium	108-1	-0.01	-0.12	-0.07	-0.07		ppb
Calcium	43-1	73940.40	58591.10	55799.76	62777.08	15.56	ppb
Calcium	44-1	74794.01	59429.24	57621.39	63948.21	14.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.26	0.25	0.32	0.28	14.06	ppb
Cobalt	59-2	0.07	0.07	0.06	0.07	11.39	ppb
Copper	63-2	0.26	0.33	0.28	0.29	11.89	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				109		%
Indium	115-1				102		%
Indium	115-2				107		%
Iron	56-2	50.20	48.68	46.75	48.54	3.55	ppb
Iron	57-2	192.53	193.03	195.63	193.73	0.86	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-08	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-3-GW-062022	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 20:26:13	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	58.11	50.07	45.38	51.19	12.58	ppb
Krypton	83-1						cps
Lead	206-1	0.34	0.25	0.29	0.29	15.69	ppb
Lead	207-1	0.30	0.26	0.26	0.27	8.89	ppb
Lead	208-1	0.32	0.26	0.26	0.28	11.77	ppb
Lithium	6-1				96		%
Magnesium	24-2	7447.14	7456.64	7291.38	7398.39	1.25	ppb
Manganese	55-2	4.61	4.69	4.49	4.60	2.22	ppb
Molybdenum	94-1	0.32	0.31	0.26	0.30	11.04	ppb
Molybdenum	95-1	0.19	0.19	0.13	0.17	19.17	ppb
Molybdenum	96-1	0.18	0.17	0.16	0.17	4.46	ppb
Molybdenum	97-1	0.18	0.13	0.16	0.15	16.70	ppb
Molybdenum	98-1	0.19	0.14	0.14	0.16	18.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.93	0.83	0.82	0.86	6.87	ppb
Phosphorus	31-2	5.48	-1.62	0.96	1.61	223.36	ppb
Potassium	39-2	1164.35	1130.52	1144.13	1146.33	1.49	ppb
Rhodium	103-1				98		%
Rhodium	103-2				107		%
Scandium	45-1				97		%
Scandium	45-2				103		%
Selenium	82-1	0.19	1.92	1.86	1.33	74.07	ppb
Selenium	77-2	0.00	1.05	0.62	0.56	94.58	ppb
Selenium	78-2	0.55	-0.03	0.25	0.26	112.60	ppb
Silicon	28-1	903.42	729.73	702.77	778.64	13.99	ppb
Silver	107-1	0.02	0.01	0.01	0.01	70.27	ppb
Silver	109-1	0.03	0.02	0.01	0.02	55.93	ppb
Sodium	23-2	5033.06	4970.62	4907.34	4970.34	1.26	ppb
Strontium	86-1	253.94	195.50	187.43	212.29	17.10	ppb
Strontium	88-1	248.31	197.04	191.36	212.23	14.78	ppb
Sulfur	34-1	16098.55	12091.59	11196.99	13129.04	19.88	ppb
Terbium	159-1				102		%
Terbium	159-2				109		%
Thallium	203-1	0.01	0.02	0.00	0.01	76.09	ppb
Thallium	205-1	0.01	0.00	0.00	0.00		ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-08	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-3-GW-062022	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 20:26:13	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.03	0.02	0.02	0.02	31.32	ppb
Tin	118-1	0.23	0.16	0.10	0.17	39.80	ppb
Titanium	47-1	2.31	1.25	1.39	1.65	34.89	ppb
Uranium	238-1	0.18	0.13	0.13	0.15	18.03	ppb
Vanadium	51-2	0.23	0.25	0.23	0.24	6.01	ppb
Yttrium	89-1				101		%
Yttrium	89-2				107		%
Zinc	66-2	3.67	4.14	3.77	3.86	6.36	ppb
Zirconium	90-1	0.13	0.07	0.09	0.10	30.28	ppb
Zirconium	91-1	0.06	0.07	0.06	0.06	10.88	ppb

LB Number : LB120754 Operator : Jaswal
 Lab Sample ID : N3239-08DUP Instrumnet Name : P7
 Client Sample ID : MLD-MW-3-GW-062022[Dilution Factor : 1
 Date & Time Acquired : 2022-06-18 20:29:06 DataFile Name : 043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	70.83	64.68	69.54	68.35	4.74	ppb
Antimony	121-1	0.05	0.05	0.05	0.05	4.46	ppb
Arsenic	75-2	0.11	0.09	0.09	0.10	14.75	ppb
Barium	135-1	129.05	128.66	131.22	129.64	1.06	ppb
Barium	137-1	127.74	129.01	131.15	129.30	1.33	ppb
Beryllium	9-1	0.03	0.01	0.02	0.02	33.07	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Boron	10-1	14.65	15.08	14.77	14.83	1.49	ppb
Boron	11-1	15.04	15.10	14.85	14.99	0.86	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.27	0.32	0.37	0.32	14.27	ppb
Cadmium	106-1	-3.42	-2.18	-1.60	-2.40		ppb
Cadmium	108-1	-0.11	-0.07	-0.04	-0.07		ppb
Calcium	43-1	56733.15	57402.45	56753.86	56963.15	0.67	ppb
Calcium	44-1	57555.80	57786.33	57290.94	57544.36	0.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.27	0.24	0.31	0.27	12.44	ppb
Cobalt	59-2	0.07	0.06	0.06	0.06	7.72	ppb
Copper	63-2	0.25	0.28	0.30	0.28	9.75	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				112		%
Holmium	165-2				109		%
Indium	115-1				110		%
Indium	115-2				107		%
Iron	56-2	49.97	48.77	49.48	49.41	1.23	ppb
Iron	57-2	188.61	195.86	200.67	195.05	3.11	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-08DUP	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-3-GW-062022[	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 20:29:06	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	50.28	47.18	51.02	49.49	4.12	ppb
Krypton	83-1						cps
Lead	206-1	0.24	0.22	0.23	0.23	3.75	ppb
Lead	207-1	0.24	0.21	0.22	0.22	7.00	ppb
Lead	208-1	0.23	0.23	0.22	0.23	3.07	ppb
Lithium	6-1				103		%
Magnesium	24-2	7359.47	7471.01	7375.78	7402.09	0.81	ppb
Manganese	55-2	4.73	4.80	4.73	4.75	0.83	ppb
Molybdenum	94-1	0.29	0.23	0.27	0.26	10.98	ppb
Molybdenum	95-1	0.13	0.12	0.16	0.13	15.19	ppb
Molybdenum	96-1	0.15	0.13	0.16	0.15	8.44	ppb
Molybdenum	97-1	0.12	0.16	0.11	0.13	20.72	ppb
Molybdenum	98-1	0.14	0.13	0.11	0.13	13.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.81	0.80	0.88	0.83	4.89	ppb
Phosphorus	31-2	5.99	4.89	6.01	5.63	11.34	ppb
Potassium	39-2	1147.80	1155.09	1161.48	1154.79	0.59	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				103		%
Selenium	82-1	1.11	0.71	1.12	0.98	24.09	ppb
Selenium	77-2	0.62	0.21	0.21	0.35	68.10	ppb
Selenium	78-2	0.54	-0.03	1.10	0.54	104.91	ppb
Silicon	28-1	695.62	697.51	692.29	695.14	0.38	ppb
Silver	107-1	0.01	0.01	0.01	0.01	27.08	ppb
Silver	109-1	0.01	0.01	0.01	0.01	14.79	ppb
Sodium	23-2	4882.30	4975.27	4963.49	4940.36	1.02	ppb
Strontium	86-1	190.59	190.80	190.77	190.72	0.06	ppb
Strontium	88-1	191.88	192.74	191.42	192.01	0.35	ppb
Sulfur	34-1	11243.61	11090.07	11173.90	11169.19	0.69	ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	-0.02	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	0.00	-0.01	-0.01		ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-08DUP	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-3-GW-062022[	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 20:29:06	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.02	0.03	0.02	29.67	ppb
Tin	118-1	0.06	0.09	0.48	0.21	109.63	ppb
Titanium	47-1	2.01	2.78	1.48	2.09	31.33	ppb
Uranium	238-1	0.13	0.13	0.13	0.13	2.29	ppb
Vanadium	51-2	0.23	0.26	0.21	0.23	10.54	ppb
Yttrium	89-1				110		%
Yttrium	89-2				107		%
Zinc	66-2	3.01	3.51	3.34	3.29	7.72	ppb
Zirconium	90-1	0.09	0.10	0.07	0.09	19.99	ppb
Zirconium	91-1	0.11	0.11	0.06	0.09	31.67	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-08LX5	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-3-GW-062022L	Dilution Factor :	5
Date & Time Acquired :	2022-06-18 20:31:58	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.47	11.83	12.53	12.94	10.59	ppb
Antimony	121-1	0.02	0.02	0.01	0.01	18.81	ppb
Arsenic	75-2	0.03	0.01	0.00	0.01	96.30	ppb
Barium	135-1	26.26	25.44	25.91	25.87	1.59	ppb
Barium	137-1	25.52	25.92	26.12	25.85	1.19	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	13.95	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	10-1	4.47	3.98	4.04	4.16	6.39	ppb
Boron	11-1	4.27	4.21	4.26	4.24	0.79	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.10	-0.02	-0.09	-0.07		ppb
Cadmium	106-1	-3.58	-1.96	-3.11	-2.88		ppb
Cadmium	108-1	-0.03	-0.02	-0.04	-0.03		ppb
Calcium	43-1	12381.99	11952.56	11926.23	12086.93	2.12	ppb
Calcium	44-1	11899.16	11560.01	11417.49	11625.55	2.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.02	0.03	0.03	38.51	ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	75.48	ppb
Copper	63-2	0.08	0.06	0.07	0.07	17.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	56-2	9.80	9.40	11.92	10.37	13.06	ppb
Iron	57-2	35.60	40.36	40.82	38.93	7.42	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-08LX5	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-3-GW-062022L	Dilution Factor :	5
Date & Time Acquired :	2022-06-18 20:31:58	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	9.62	11.51	9.73	10.29	10.28	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.08	0.08	0.07	20.53	ppb
Lead	207-1	0.05	0.07	0.06	0.06	19.77	ppb
Lead	208-1	0.05	0.06	0.06	0.06	10.90	ppb
Lithium	6-1				102		%
Magnesium	24-2	1486.71	1496.52	1461.28	1481.50	1.23	ppb
Manganese	55-2	0.98	0.91	0.96	0.95	3.36	ppb
Molybdenum	94-1	0.04	0.05	0.06	0.05	20.95	ppb
Molybdenum	95-1	0.04	0.03	0.04	0.04	9.17	ppb
Molybdenum	96-1	0.04	0.03	0.03	0.04	18.52	ppb
Molybdenum	97-1	0.06	0.04	0.02	0.04	52.21	ppb
Molybdenum	98-1	0.03	0.04	0.03	0.03	23.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.15	0.19	0.18	0.17	13.56	ppb
Phosphorus	31-2	-10.02	-5.55	-8.13	-7.90		ppb
Potassium	39-2	226.17	224.64	223.16	224.66	0.67	ppb
Rhodium	103-1				105		%
Rhodium	103-2				107		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	0.40	-0.13	0.72	0.33	129.29	ppb
Selenium	77-2	0.00	0.00	0.21	0.07	173.21	ppb
Selenium	78-2	0.53	-0.52	-0.02	0.00		ppb
Silicon	28-1	145.63	138.61	138.79	141.01	2.84	ppb
Silver	107-1	0.01	0.01	0.01	0.01	16.82	ppb
Silver	109-1	0.01	0.01	0.01	0.01	14.78	ppb
Sodium	23-2	996.41	994.03	974.86	988.43	1.20	ppb
Strontium	86-1	38.73	38.52	38.72	38.65	0.30	ppb
Strontium	88-1	38.87	38.67	38.70	38.75	0.27	ppb
Sulfur	34-1	1499.22	1335.73	1325.38	1386.77	7.03	ppb
Terbium	159-1				109		%
Terbium	159-2				109		%
Thallium	203-1	-0.02	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-08LX5	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-3-GW-062022L	Dilution Factor :	5
Date & Time Acquired :	2022-06-18 20:31:58	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.01	0.00	22.10	ppb
Tin	118-1	-0.09	-0.09	-0.11	-0.10		ppb
Titanium	47-1	0.23	0.34	0.27	0.28	20.17	ppb
Uranium	238-1	0.02	0.03	0.02	0.03	14.15	ppb
Vanadium	51-2	0.05	0.05	0.05	0.05	5.51	ppb
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	0.69	0.64	0.65	0.66	4.11	ppb
Zirconium	90-1	0.02	0.00	0.01	0.01	85.89	ppb
Zirconium	91-1	0.01	0.00	0.00	0.01	56.51	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P7
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 20:59:35	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50568.83	50103.99	50580.35	50417.72	0.54	ppb
Antimony	121-1	517.51	515.66	519.06	517.41	0.33	ppb
Arsenic	75-2	485.44	485.09	488.10	486.21	0.34	ppb
Barium	135-1	2550.81	2528.14	2574.47	2551.14	0.91	ppb
Barium	137-1	2536.14	2549.75	2533.22	2539.70	0.35	ppb
Beryllium	9-1	511.16	512.69	517.84	513.89	0.68	ppb
Bismuth	209-1				98		%
Bismuth	209-2				93		%
Boron	10-1	472.17	497.22	508.92	492.77	3.81	ppb
Boron	11-1	479.68	507.59	511.69	499.65	3.49	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	509.08	514.37	508.48	510.64	0.63	ppb
Cadmium	106-1	511.98	504.80	512.49	509.75	0.84	ppb
Cadmium	108-1	501.90	506.68	508.40	505.66	0.67	ppb
Calcium	43-1	252153.48	260598.84	258915.22	257222.51	1.74	ppb
Calcium	44-1	246893.03	253512.17	254198.00	251534.40	1.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	498.17	505.88	489.56	497.87	1.64	ppb
Cobalt	59-2	483.08	490.50	482.25	485.28	0.94	ppb
Copper	63-2	4928.90	4964.20	4912.89	4935.33	0.53	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				108		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	127828.44	129428.57	126185.12	127814.04	1.27	ppb
Iron	57-2	128172.09	128085.44	127065.25	127774.26	0.48	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P7
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 20:59:35	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	131035.48	130481.65	129012.91	130176.68	0.80	ppb
Krypton	83-1						cps
Lead	206-1	2581.62	2603.05	2617.96	2600.88	0.70	ppb
Lead	207-1	2516.66	2556.94	2571.90	2548.50	1.12	ppb
Lead	208-1	2540.72	2570.88	2575.22	2562.27	0.73	ppb
Lithium	6-1				98		%
Magnesium	24-2	255041.50	256287.55	252793.17	254707.41	0.70	ppb
Manganese	55-2	4895.28	4949.70	4822.81	4889.26	1.30	ppb
Molybdenum	94-1	4977.34	5129.65	5091.52	5066.17	1.56	ppb
Molybdenum	95-1	4996.05	5147.81	5103.84	5082.57	1.54	ppb
Molybdenum	96-1	5034.21	5120.67	5110.33	5088.40	0.93	ppb
Molybdenum	97-1	5080.35	5060.02	5097.06	5079.14	0.37	ppb
Molybdenum	98-1	5065.56	5127.23	5062.07	5084.95	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	505.50	511.87	500.23	505.87	1.15	ppb
Phosphorus	31-2	9915.65	10058.47	10019.98	9998.03	0.74	ppb
Potassium	39-2	126442.56	126977.02	124927.21	126115.60	0.84	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				99		%
Scandium	45-2				95		%
Selenium	82-1	493.88	508.10	502.84	501.61	1.43	ppb
Selenium	77-2	507.13	499.37	496.89	501.13	1.07	ppb
Selenium	78-2	498.65	496.95	503.09	499.56	0.63	ppb
Silicon	28-1	473.07	493.70	481.53	482.77	2.15	ppb
Silver	107-1	519.94	509.27	511.97	513.73	1.08	ppb
Silver	109-1	512.37	515.63	509.56	512.52	0.59	ppb
Sodium	23-2	255249.12	255596.36	255966.53	255604.00	0.14	ppb
Strontium	86-1	12465.34	12628.82	12451.30	12515.16	0.79	ppb
Strontium	88-1	12463.81	12686.82	12391.22	12513.95	1.23	ppb
Sulfur	34-1	8538.13	8923.47	8697.58	8719.73	2.22	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	519.29	520.74	526.21	522.08	0.70	ppb
Thallium	205-1	522.31	516.97	518.12	519.14	0.54	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P7
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 20:59:35	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	512.19	521.43	516.70	516.77	0.89	ppb
Tin	118-1	505.34	509.82	510.27	508.48	0.54	ppb
Titanium	47-1	4965.57	5035.34	5067.64	5022.85	1.04	ppb
Uranium	238-1	502.51	517.89	519.48	513.29	1.83	ppb
Vanadium	51-2	503.74	514.22	508.79	508.92	1.03	ppb
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	4969.47	4970.33	4893.49	4944.43	0.89	ppb
Zirconium	90-1	497.55	509.03	506.32	504.30	1.19	ppb
Zirconium	91-1	496.35	508.72	503.58	502.88	1.24	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P7
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 21:04:52	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.09	1.54	1.26	1.30	17.36	ppb
Antimony	121-1	0.18	0.21	0.18	0.19	7.14	ppb
Arsenic	75-2	-0.01	0.02	0.01	0.01	162.20	ppb
Barium	135-1	0.09	0.09	0.08	0.09	5.97	ppb
Barium	137-1	0.10	0.09	0.08	0.09	6.74	ppb
Beryllium	9-1	0.06	0.06	0.05	0.06	11.57	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Boron	10-1	6.02	5.20	5.46	5.56	7.55	ppb
Boron	11-1	5.55	5.03	4.73	5.10	8.16	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.19	-0.18	-0.23	-0.20		ppb
Cadmium	106-1	-3.88	-4.04	-4.73	-4.22		ppb
Cadmium	108-1	0.03	-0.11	-0.02	-0.03		ppb
Calcium	43-1	0.16	0.09	-0.48	-0.08		ppb
Calcium	44-1	7.09	0.18	-0.03	2.41	167.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.03	0.00	0.01	312.89	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	7.74	ppb
Copper	63-2	0.20	0.21	0.23	0.21	6.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				109		%
Indium	115-1				109		%
Indium	115-2				107		%
Iron	56-2	3.16	3.32	3.70	3.39	8.27	ppb
Iron	57-2	2.77	2.16	3.16	2.69	18.69	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P7
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 21:04:52	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2.95	3.75	4.23	3.64	17.76	ppb
Krypton	83-1						cps
Lead	206-1	0.17	0.15	0.14	0.15	9.97	ppb
Lead	207-1	0.14	0.11	0.11	0.12	16.50	ppb
Lead	208-1	0.16	0.14	0.13	0.14	10.34	ppb
Lithium	6-1				104		%
Magnesium	24-2	6.84	7.39	7.65	7.29	5.67	ppb
Manganese	55-2	0.17	0.19	0.18	0.18	6.63	ppb
Molybdenum	94-1	0.28	0.23	0.22	0.24	13.24	ppb
Molybdenum	95-1	0.20	0.20	0.18	0.19	5.18	ppb
Molybdenum	96-1	0.24	0.18	0.18	0.20	19.05	ppb
Molybdenum	97-1	0.23	0.16	0.15	0.18	21.36	ppb
Molybdenum	98-1	0.22	0.17	0.16	0.18	15.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	0.01	0.00	378.45	ppb
Phosphorus	31-2	-10.08	-12.94	-11.48	-11.50		ppb
Potassium	39-2	-6.41	-5.08	-5.69	-5.73		ppb
Rhodium	103-1				107		%
Rhodium	103-2				108		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	82-1	0.34	0.60	-0.12	0.28	132.93	ppb
Selenium	77-2	0.00	0.21	0.21	0.14	86.60	ppb
Selenium	78-2	0.05	-0.03	-0.40	-0.13		ppb
Silicon	28-1	-0.22	-0.24	-0.28	-0.25		ppb
Silver	107-1	0.07	0.08	0.05	0.07	19.83	ppb
Silver	109-1	0.09	0.06	0.07	0.07	19.98	ppb
Sodium	23-2	27.17	26.87	26.38	26.81	1.48	ppb
Strontium	86-1	0.44	0.14	0.24	0.27	57.08	ppb
Strontium	88-1	0.38	0.30	0.29	0.32	15.13	ppb
Sulfur	34-1	-1102.63	-1031.28	-1063.39	-1065.77		ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	0.03	0.03	0.02	0.03	23.89	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	2.03	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P7
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 21:04:52	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	32.26	ppb
Tin	118-1	-0.12	-0.11	-0.12	-0.12		ppb
Titanium	47-1	0.31	0.10	0.14	0.18	58.36	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	32.16	ppb
Vanadium	51-2	0.01	0.02	0.01	0.01	16.42	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	0.05	0.10	0.22	0.13	69.49	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	13.25	ppb
Zirconium	91-1	0.03	0.01	0.05	0.03	61.54	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-10	Instrumnet Name :	P7
Client Sample ID :	MLD-EB-1-DW-062022	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 21:07:49	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.36	1.58	2.22	2.05	20.14	ppb
Antimony	121-1	0.07	0.05	0.07	0.06	17.22	ppb
Arsenic	75-2	-0.01	0.00	0.00	0.00		ppb
Barium	135-1	0.47	0.46	0.44	0.45	3.38	ppb
Barium	137-1	0.40	0.40	0.48	0.43	10.62	ppb
Beryllium	9-1	0.03	0.05	0.04	0.04	24.82	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Boron	10-1	3.42	2.83	3.26	3.17	9.63	ppb
Boron	11-1	3.17	3.18	2.97	3.11	3.87	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.13	-0.03	-0.19	-0.12		ppb
Cadmium	106-1	-2.60	-0.80	-3.85	-2.42		ppb
Cadmium	108-1	-0.07	0.03	0.01	-0.01		ppb
Calcium	43-1	118.06	122.48	127.74	122.76	3.95	ppb
Calcium	44-1	122.91	125.87	123.64	124.14	1.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.05	0.02	0.02	97.16	ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	30.88	ppb
Copper	63-2	0.24	0.25	0.23	0.24	4.56	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				114		%
Holmium	165-2				111		%
Indium	115-1				114		%
Indium	115-2				109		%
Iron	56-2	5.82	5.51	5.34	5.56	4.44	ppb
Iron	57-2	6.73	5.19	5.12	5.68	16.05	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-10	Instrumnet Name :	P7
Client Sample ID :	MLD-EB-1-DW-062022	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 21:07:49	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	4.77	5.98	4.47	5.08	15.78	ppb
Krypton	83-1						cps
Lead	206-1	0.18	0.16	0.20	0.18	13.28	ppb
Lead	207-1	0.19	0.18	0.17	0.18	6.09	ppb
Lead	208-1	0.18	0.18	0.19	0.18	3.93	ppb
Lithium	6-1				106		%
Magnesium	24-2	19.54	18.63	18.46	18.88	3.08	ppb
Manganese	55-2	0.49	0.47	0.47	0.48	1.96	ppb
Molybdenum	94-1	0.14	0.16	0.16	0.15	6.88	ppb
Molybdenum	95-1	0.17	0.10	0.15	0.14	25.79	ppb
Molybdenum	96-1	0.13	0.12	0.11	0.12	8.53	ppb
Molybdenum	97-1	0.13	0.14	0.18	0.15	16.89	ppb
Molybdenum	98-1	0.12	0.13	0.13	0.13	3.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.08	0.07	0.07	20.02	ppb
Phosphorus	31-2	-12.90	-12.15	-4.39	-9.81		ppb
Potassium	39-2	17.22	15.98	16.07	16.42	4.22	ppb
Rhodium	103-1				111		%
Rhodium	103-2				110		%
Scandium	45-1				108		%
Scandium	45-2				104		%
Selenium	82-1	-0.13	-0.07	0.94	0.25	243.23	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.00	-0.15	-0.44	-0.20		ppb
Silicon	28-1	6.20	6.08	5.86	6.04	2.86	ppb
Silver	107-1	0.03	0.03	0.03	0.03	9.96	ppb
Silver	109-1	0.03	0.03	0.04	0.03	13.88	ppb
Sodium	23-2	352.19	346.09	346.83	348.37	0.96	ppb
Strontium	86-1	0.30	0.22	0.24	0.26	16.21	ppb
Strontium	88-1	0.36	0.38	0.36	0.37	2.87	ppb
Sulfur	34-1	-1044.22	-956.47	-1035.32	-1012.01		ppb
Terbium	159-1				114		%
Terbium	159-2				111		%
Thallium	203-1	0.02	0.01	0.01	0.01	44.67	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-10	Instrumnet Name :	P7
Client Sample ID :	MLD-EB-1-DW-062022	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 21:07:49	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.01	0.01	0.01	17.36	ppb
Tin	118-1	-0.07	-0.06	-0.10	-0.08		ppb
Titanium	47-1	0.10	0.08	0.10	0.09	15.44	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	22.84	ppb
Vanadium	51-2	0.13	0.12	0.13	0.13	3.81	ppb
Yttrium	89-1				111		%
Yttrium	89-2				109		%
Zinc	66-2	3.13	2.89	3.11	3.04	4.42	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	22.40	ppb
Zirconium	91-1	0.01	0.03	0.00	0.01	90.99	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-12	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-2-GW-062022	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 21:10:43	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.43	2.87	2.26	2.52	12.57	ppb
Antimony	121-1	0.05	0.07	0.07	0.06	15.58	ppb
Arsenic	75-2	0.18	0.15	0.14	0.16	11.90	ppb
Barium	135-1	78.43	79.49	79.45	79.12	0.76	ppb
Barium	137-1	77.68	79.39	79.30	78.79	1.22	ppb
Beryllium	9-1	0.03	0.03	0.02	0.02	23.89	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Boron	10-1	20.15	23.42	22.31	21.96	7.56	ppb
Boron	11-1	21.48	22.22	22.92	22.21	3.25	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.24	0.32	0.38	0.31	22.73	ppb
Cadmium	106-1	-3.98	-2.59	-1.28	-2.62		ppb
Cadmium	108-1	-0.20	-0.22	-0.13	-0.18		ppb
Calcium	43-1	53254.17	53339.02	53473.40	53355.53	0.21	ppb
Calcium	44-1	54349.41	54329.62	54860.22	54513.09	0.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.00	0.07	0.03	130.59	ppb
Cobalt	59-2	0.09	0.10	0.09	0.10	4.39	ppb
Copper	63-2	0.32	0.37	0.32	0.34	8.97	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				114		%
Holmium	165-2				111		%
Indium	115-1				111		%
Indium	115-2				107		%
Iron	56-2	2.23	2.46	2.23	2.31	5.64	ppb
Iron	57-2	134.37	138.91	140.37	137.88	2.27	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-12	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-2-GW-062022	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 21:10:43	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1.17	1.42	1.18	1.26	11.27	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.10	0.12	0.11	13.48	ppb
Lead	207-1	0.09	0.12	0.10	0.10	14.53	ppb
Lead	208-1	0.10	0.11	0.10	0.11	3.03	ppb
Lithium	6-1				105		%
Magnesium	24-2	10145.22	10213.69	10174.78	10177.90	0.34	ppb
Manganese	55-2	0.21	0.21	0.21	0.21	1.11	ppb
Molybdenum	94-1	1.28	1.18	1.24	1.23	4.04	ppb
Molybdenum	95-1	1.41	1.45	1.47	1.44	2.11	ppb
Molybdenum	96-1	1.38	1.40	1.34	1.37	2.54	ppb
Molybdenum	97-1	1.49	1.58	1.45	1.51	4.53	ppb
Molybdenum	98-1	1.53	1.38	1.41	1.44	5.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.24	0.23	0.20	0.22	9.97	ppb
Phosphorus	31-2	-2.83	-7.54	-5.50	-5.29		ppb
Potassium	39-2	2144.37	2151.99	2119.31	2138.56	0.80	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				109		%
Scandium	45-2				103		%
Selenium	82-1	1.00	0.43	1.64	1.03	59.43	ppb
Selenium	77-2	0.42	0.00	0.00	0.14	173.21	ppb
Selenium	78-2	-0.54	0.33	0.17	-0.01		ppb
Silicon	28-1	383.05	376.35	385.19	381.53	1.21	ppb
Silver	107-1	0.02	0.02	0.02	0.02	11.65	ppb
Silver	109-1	0.02	0.02	0.02	0.02	15.80	ppb
Sodium	23-2	20869.89	20895.14	20763.75	20842.92	0.33	ppb
Strontium	86-1	192.24	190.86	193.28	192.13	0.63	ppb
Strontium	88-1	195.45	191.27	193.60	193.44	1.08	ppb
Sulfur	34-1	14854.73	14306.53	14691.74	14617.67	1.93	ppb
Terbium	159-1				113		%
Terbium	159-2				111		%
Thallium	203-1	0.00	0.00	0.01	0.00	166.61	ppb
Thallium	205-1	0.02	0.00	0.01	0.01	84.92	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-12	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-2-GW-062022	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 21:10:43	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	35.05	ppb
Tin	118-1	0.48	0.51	0.49	0.49	2.62	ppb
Titanium	47-1	0.32	0.38	0.33	0.34	10.32	ppb
Uranium	238-1	0.11	0.09	0.09	0.10	10.83	ppb
Vanadium	51-2	0.15	0.14	0.12	0.14	9.74	ppb
Yttrium	89-1				111		%
Yttrium	89-2				107		%
Zinc	66-2	1.13	1.28	1.17	1.19	6.43	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	17.07	ppb
Zirconium	91-1	0.00	0.04	0.02	0.02	95.32	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-14	Instrumnet Name :	P7
Client Sample ID :	MLD-DUPLICATE-1-GW-	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 21:13:37	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.05	1.99	1.61	1.88	12.46	ppb
Antimony	121-1	0.05	0.05	0.05	0.05	6.17	ppb
Arsenic	75-2	0.12	0.12	0.16	0.13	19.14	ppb
Barium	135-1	79.87	80.00	74.51	78.12	4.01	ppb
Barium	137-1	80.22	78.84	75.65	78.24	2.99	ppb
Beryllium	9-1	0.03	0.02	0.02	0.02	29.40	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Boron	10-1	20.75	20.66	21.69	21.03	2.73	ppb
Boron	11-1	22.55	22.40	21.81	22.25	1.77	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.28	0.19	0.27	0.25	20.93	ppb
Cadmium	106-1	-3.11	-4.72	-3.02	-3.62		ppb
Cadmium	108-1	0.01	-0.15	-0.25	-0.13		ppb
Calcium	43-1	54757.20	54417.87	51576.49	53583.85	3.26	ppb
Calcium	44-1	55621.43	54010.01	52243.00	53958.15	3.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.02	0.02	0.01	46.16	ppb
Cobalt	59-2	0.08	0.09	0.09	0.09	8.42	ppb
Copper	63-2	0.29	0.31	0.29	0.30	4.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				109		%
Indium	115-1				110		%
Indium	115-2				107		%
Iron	56-2	1.91	1.91	2.24	2.02	9.44	ppb
Iron	57-2	132.75	135.54	140.52	136.27	2.89	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-14	Instrumnet Name :	P7
Client Sample ID :	MLD-DUPLICATE-1-GW-	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 21:13:37	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2.85	1.77	1.22	1.95	42.61	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.10	0.12	0.11	5.61	ppb
Lead	207-1	0.10	0.08	0.07	0.08	15.91	ppb
Lead	208-1	0.10	0.09	0.09	0.09	7.88	ppb
Lithium	6-1				102		%
Magnesium	24-2	9878.01	9852.68	10179.56	9970.09	1.82	ppb
Manganese	55-2	0.37	0.39	0.35	0.37	5.00	ppb
Molybdenum	94-1	1.15	1.24	1.16	1.18	4.16	ppb
Molybdenum	95-1	1.33	1.47	1.34	1.38	5.80	ppb
Molybdenum	96-1	1.46	1.35	1.35	1.39	4.57	ppb
Molybdenum	97-1	1.57	1.51	1.39	1.49	6.02	ppb
Molybdenum	98-1	1.39	1.47	1.39	1.42	3.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.21	0.22	0.20	0.21	3.85	ppb
Phosphorus	31-2	-0.08	-5.90	-11.21	-5.73		ppb
Potassium	39-2	2102.13	2086.01	2166.99	2118.37	2.02	ppb
Rhodium	103-1				106		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	82-1	0.58	0.93	1.60	1.03	50.47	ppb
Selenium	77-2	0.00	0.61	0.21	0.27	113.37	ppb
Selenium	78-2	0.14	-0.47	-0.79	-0.37		ppb
Silicon	28-1	393.65	387.42	363.61	381.56	4.16	ppb
Silver	107-1	0.01	0.01	0.02	0.02	19.57	ppb
Silver	109-1	0.02	0.03	0.02	0.02	21.47	ppb
Sodium	23-2	20121.99	20144.79	20651.26	20306.01	1.47	ppb
Strontium	86-1	200.38	195.31	182.63	192.77	4.74	ppb
Strontium	88-1	200.61	194.35	185.66	193.54	3.88	ppb
Sulfur	34-1	15308.58	14665.63	14169.15	14714.45	3.88	ppb
Terbium	159-1				113		%
Terbium	159-2				110		%
Thallium	203-1	0.02	0.00	0.01	0.01	99.29	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	41.02	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-14	Instrumnet Name :	P7
Client Sample ID :	MLD-DUPLICATE-1-GW-	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 21:13:37	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	291.98	ppb
Tin	118-1	-0.16	-0.18	-0.17	-0.17		ppb
Titanium	47-1	0.36	0.22	0.32	0.30	23.27	ppb
Uranium	238-1	0.10	0.09	0.10	0.10	6.13	ppb
Vanadium	51-2	0.12	0.13	0.12	0.12	3.40	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	11.32	11.53	11.47	11.44	0.95	ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	45.84	ppb
Zirconium	91-1	0.02	0.02	0.03	0.02	24.95	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-16	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-1-GW-06022	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 21:16:28	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.71	2.60	2.08	2.47	13.64	ppb
Antimony	121-1	0.03	0.02	0.03	0.02	15.66	ppb
Arsenic	75-2	0.47	0.42	0.48	0.45	7.33	ppb
Barium	135-1	418.63	426.62	438.92	428.05	2.39	ppb
Barium	137-1	427.59	434.89	436.64	433.04	1.11	ppb
Beryllium	9-1	0.03	0.01	0.02	0.02	41.46	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Boron	10-1	11.78	12.13	11.15	11.69	4.27	ppb
Boron	11-1	10.95	12.41	11.92	11.76	6.34	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.34	0.34	0.41	0.36	11.76	ppb
Cadmium	106-1	-3.70	-3.78	-2.55	-3.34		ppb
Cadmium	108-1	-0.08	-0.10	-0.07	-0.08		ppb
Calcium	43-1	45192.04	44863.28	44683.68	44913.00	0.57	ppb
Calcium	44-1	45519.06	45043.11	45512.04	45358.07	0.60	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	0.00		ppb
Cobalt	59-2	0.02	0.03	0.04	0.03	31.16	ppb
Copper	63-2	0.47	0.44	0.46	0.46	2.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				112		%
Indium	115-1				112		%
Indium	115-2				108		%
Iron	56-2	3.33	3.60	3.67	3.54	5.07	ppb
Iron	57-2	116.53	119.59	120.32	118.81	1.69	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-16	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-1-GW-06022	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 21:16:28	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	3.59	2.84	2.53	2.99	18.32	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.12	0.12	0.13	7.16	ppb
Lead	207-1	0.10	0.11	0.10	0.11	7.26	ppb
Lead	208-1	0.11	0.11	0.10	0.11	3.77	ppb
Lithium	6-1				102		%
Magnesium	24-2	5208.12	5146.64	5048.27	5134.34	1.57	ppb
Manganese	55-2	97.02	96.35	96.69	96.69	0.35	ppb
Molybdenum	94-1	0.47	0.53	0.53	0.51	6.43	ppb
Molybdenum	95-1	0.62	0.66	0.63	0.63	3.03	ppb
Molybdenum	96-1	0.57	0.61	0.60	0.60	3.41	ppb
Molybdenum	97-1	0.60	0.66	0.72	0.66	9.13	ppb
Molybdenum	98-1	0.63	0.61	0.64	0.63	2.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.09	0.09	0.09	4.33	ppb
Phosphorus	31-2	-2.16	-9.55	4.80	-2.30		ppb
Potassium	39-2	1024.27	1021.74	1025.10	1023.70	0.17	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				108		%
Scandium	45-2				105		%
Selenium	82-1	0.99	0.58	1.53	1.03	45.89	ppb
Selenium	77-2	0.00	0.00	0.21	0.07	173.21	ppb
Selenium	78-2	-0.24	-0.03	-0.37	-0.21		ppb
Silicon	28-1	303.49	301.26	302.67	302.47	0.37	ppb
Silver	107-1	0.01	0.01	0.01	0.01	9.62	ppb
Silver	109-1	0.01	0.01	0.01	0.01	24.78	ppb
Sodium	23-2	10416.32	10275.69	10324.04	10338.69	0.69	ppb
Strontium	86-1	238.08	243.81	241.68	241.19	1.20	ppb
Strontium	88-1	235.83	242.93	240.86	239.87	1.52	ppb
Sulfur	34-1	11573.58	11468.63	11632.43	11558.21	0.72	ppb
Terbium	159-1				114		%
Terbium	159-2				112		%
Thallium	203-1	0.00	0.00	0.00	0.00	87.52	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-16	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-1-GW-06022	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 21:16:28	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	647.90	ppb
Tin	118-1	0.02	0.04	0.03	0.03	39.42	ppb
Titanium	47-1	0.30	0.26	0.22	0.26	15.24	ppb
Uranium	238-1	0.01	0.02	0.02	0.02	17.29	ppb
Vanadium	51-2	0.04	0.06	0.05	0.05	18.50	ppb
Yttrium	89-1				111		%
Yttrium	89-2				109		%
Zinc	66-2	1.44	1.50	1.24	1.39	9.85	ppb
Zirconium	90-1	0.00	0.01	0.01	0.00	43.75	ppb
Zirconium	91-1	-0.01	0.01	0.01	0.00	277.60	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-21	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-3-GW-062022M	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 22:07:51	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9658.50	9579.02	9409.45	9548.99	1.33	ppb
Antimony	121-1	482.45	542.46	543.58	522.83	6.69	ppb
Arsenic	75-2	521.91	523.41	523.95	523.09	0.20	ppb
Barium	135-1	2368.48	2670.10	2685.82	2574.80	6.95	ppb
Barium	137-1	2395.90	2679.80	2698.22	2591.31	6.54	ppb
Beryllium	9-1	464.68	515.74	508.94	496.45	5.59	ppb
Bismuth	209-1				106		%
Bismuth	209-2				99		%
Boron	10-1	222.67	258.53	264.14	248.45	9.06	ppb
Boron	11-1	230.19	261.26	266.92	252.79	7.82	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	446.43	494.90	501.64	480.99	6.26	ppb
Cadmium	106-1	451.66	505.88	500.88	486.14	6.16	ppb
Cadmium	108-1	437.45	494.91	503.63	478.66	7.51	ppb
Calcium	43-1	90416.38	103047.95	107393.98	100286.10	8.79	ppb
Calcium	44-1	92339.28	103931.91	108630.31	101633.83	8.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	484.44	477.78	480.83	481.02	0.69	ppb
Cobalt	59-2	482.53	493.62	495.15	490.43	1.40	ppb
Copper	63-2	5278.36	5293.49	5308.90	5293.58	0.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				99		%
Iron	56-2	24461.86	24631.46	24627.38	24573.57	0.39	ppb
Iron	57-2	24619.70	24776.08	25032.38	24809.39	0.84	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-21	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-3-GW-062022M	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 22:07:51	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	25398.26	25230.71	25273.85	25300.94	0.34	ppb
Krypton	83-1						cps
Lead	206-1	2161.53	2564.45	2582.52	2436.17	9.77	ppb
Lead	207-1	2109.32	2517.56	2542.36	2389.75	10.18	ppb
Lead	208-1	2135.04	2510.21	2531.69	2392.31	9.32	ppb
Lithium	6-1				104		%
Magnesium	24-2	54437.85	55196.28	54923.70	54852.61	0.70	ppb
Manganese	55-2	5264.37	5298.90	5258.74	5274.00	0.41	ppb
Molybdenum	94-1	2563.85	2923.52	2993.37	2826.91	8.15	ppb
Molybdenum	95-1	2219.79	2534.94	2585.02	2446.58	8.09	ppb
Molybdenum	96-1	2255.21	2574.85	2618.43	2482.83	7.99	ppb
Molybdenum	97-1	2198.96	2533.83	2520.95	2417.91	7.85	ppb
Molybdenum	98-1	2195.58	2523.79	2533.93	2417.76	7.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	408.64	410.63	411.20	410.16	0.33	ppb
Phosphorus	31-2	3.47	13.35	-6.66	3.39	295.19	ppb
Potassium	39-2	25193.44	25074.01	25336.03	25201.16	0.52	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				107		%
Scandium	45-2				97		%
Selenium	82-1	402.50	461.34	461.70	441.85	7.71	ppb
Selenium	77-2	481.45	495.94	467.12	481.50	2.99	ppb
Selenium	78-2	473.31	480.09	472.62	475.34	0.87	ppb
Silicon	28-1	631.44	711.36	749.69	697.50	8.65	ppb
Silver	107-1	442.28	495.70	533.99	490.66	9.39	ppb
Silver	109-1	485.87	495.00	494.01	491.63	1.02	ppb
Sodium	23-2	53709.81	54262.17	53678.78	53883.59	0.61	ppb
Strontium	86-1	591.80	692.13	699.68	661.20	9.11	ppb
Strontium	88-1	594.32	693.52	702.47	663.44	9.05	ppb
Sulfur	34-1	8860.18	10780.36	11426.88	10355.81	12.89	ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	439.35	512.81	516.62	489.59	8.90	ppb
Thallium	205-1	434.61	505.39	513.60	484.53	8.96	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-21	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-3-GW-062022M	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 22:07:51	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.02	0.03	0.03	0.02	8.44	ppb
Tin	118-1	447.64	506.27	506.81	486.90	6.98	ppb
Titanium	47-1	2120.97	2418.30	2550.72	2363.33	9.31	ppb
Uranium	238-1	415.13	489.34	494.30	466.25	9.51	ppb
Vanadium	51-2	492.36	484.39	493.12	489.96	0.99	ppb
Yttrium	89-1				110		%
Yttrium	89-2				102		%
Zinc	66-2	4541.11	4531.44	4584.82	4552.46	0.62	ppb
Zirconium	90-1	416.71	480.95	481.53	459.73	8.10	ppb
Zirconium	91-1	421.25	481.16	489.54	463.99	8.03	ppb

LB Number : LB120754 Operator : Jaswal
 Lab Sample ID : N3239-22 Instrumnet Name : P7
 Client Sample ID : MLD-MW-3-GW-062022M Dilution Factor : 1
 Date & Time Acquired : 2022-06-18 22:10:28 DataFile Name : 059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9590.88	9700.44	9669.00	9653.44	0.58	ppb
Antimony	121-1	553.76	538.36	542.23	544.78	1.47	ppb
Arsenic	75-2	544.79	551.83	544.15	546.92	0.78	ppb
Barium	135-1	2659.17	2572.71	2633.56	2621.81	1.69	ppb
Barium	137-1	2613.67	2562.98	2615.75	2597.47	1.15	ppb
Beryllium	9-1	485.03	495.85	505.36	495.41	2.05	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Boron	10-1	246.82	258.23	265.14	256.73	3.60	ppb
Boron	11-1	249.21	266.60	269.67	261.83	4.21	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	490.15	481.75	489.99	487.29	0.99	ppb
Cadmium	106-1	488.69	490.79	486.33	488.61	0.46	ppb
Cadmium	108-1	479.72	471.63	474.31	475.22	0.87	ppb
Calcium	43-1	101317.49	103887.93	103369.22	102858.22	1.32	ppb
Calcium	44-1	102947.93	104034.61	104644.91	103875.82	0.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	484.84	486.86	484.69	485.46	0.25	ppb
Cobalt	59-2	495.12	510.18	496.15	500.48	1.68	ppb
Copper	63-2	5379.57	5428.34	5346.04	5384.65	0.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	56-2	25010.09	25288.14	25010.16	25102.80	0.64	ppb
Iron	57-2	25372.60	25661.39	25077.13	25370.37	1.15	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-22	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-3-GW-062022M	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 22:10:28	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	25211.49	25823.55	25742.71	25592.58	1.30	ppb
Krypton	83-1						cps
Lead	206-1	2437.11	2491.16	2482.58	2470.28	1.18	ppb
Lead	207-1	2394.67	2451.09	2453.69	2433.15	1.37	ppb
Lead	208-1	2403.86	2472.56	2446.37	2440.93	1.42	ppb
Lithium	6-1				103		%
Magnesium	24-2	55546.68	55784.83	56115.15	55815.55	0.51	ppb
Manganese	55-2	5318.87	5390.02	5388.26	5365.72	0.76	ppb
Molybdenum	94-1	2899.97	2924.67	2897.18	2907.28	0.52	ppb
Molybdenum	95-1	2478.55	2503.00	2483.65	2488.40	0.52	ppb
Molybdenum	96-1	2502.41	2517.48	2539.94	2519.94	0.75	ppb
Molybdenum	97-1	2467.86	2482.32	2484.16	2478.12	0.36	ppb
Molybdenum	98-1	2447.49	2479.78	2474.32	2467.20	0.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	673.32	682.42	676.75	677.50	0.68	ppb
Phosphorus	31-2	7.36	6.27	7.81	7.15	11.08	ppb
Potassium	39-2	25479.30	25486.68	25401.08	25455.69	0.19	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				97		%
Selenium	82-1	449.53	454.11	460.32	454.65	1.19	ppb
Selenium	77-2	468.43	501.45	490.24	486.71	3.45	ppb
Selenium	78-2	478.07	486.67	483.64	482.80	0.90	ppb
Silicon	28-1	700.56	713.27	711.73	708.52	0.98	ppb
Silver	107-1	483.06	481.81	490.26	485.04	0.94	ppb
Silver	109-1	497.89	477.57	494.42	489.96	2.22	ppb
Sodium	23-2	54234.59	54942.94	54692.41	54623.31	0.66	ppb
Strontium	86-1	669.32	676.33	672.02	672.56	0.53	ppb
Strontium	88-1	669.51	680.72	679.14	676.45	0.90	ppb
Sulfur	34-1	10017.60	10579.44	10483.27	10360.10	2.90	ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	496.34	508.22	505.42	503.32	1.23	ppb
Thallium	205-1	486.79	502.50	502.27	497.18	1.81	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-22	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-3-GW-062022M	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 22:10:28	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.03	0.02	0.03	0.03	6.18	ppb
Tin	118-1	505.71	481.24	485.10	490.68	2.68	ppb
Titanium	47-1	2389.10	2472.35	2439.46	2433.64	1.72	ppb
Uranium	238-1	463.37	483.94	483.91	477.07	2.49	ppb
Vanadium	51-2	492.76	492.80	489.01	491.52	0.44	ppb
Yttrium	89-1				107		%
Yttrium	89-2				102		%
Zinc	66-2	4517.27	4605.59	4603.46	4575.44	1.10	ppb
Zirconium	90-1	470.52	471.34	474.00	471.95	0.39	ppb
Zirconium	91-1	463.88	468.82	467.41	466.70	0.55	ppb

LB Number : LB120754 Operator : Jaswal
 Lab Sample ID : N3239-08A Instrumnet Name : P7
 Client Sample ID : MLD-MW-3-GW-062022/ Dilution Factor : 1
 Date & Time Acquired : 2022-06-18 22:13:06 DataFile Name : 060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9473.57	9540.71	9639.34	9551.20	0.87	ppb
Antimony	121-1	523.17	536.13	538.89	532.73	1.58	ppb
Arsenic	75-2	533.11	530.43	541.02	534.85	1.03	ppb
Barium	135-1	2550.10	2593.35	2619.46	2587.64	1.35	ppb
Barium	137-1	2577.82	2587.95	2612.62	2592.80	0.69	ppb
Beryllium	9-1	500.59	502.74	506.01	503.11	0.54	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	255.41	259.47	270.50	261.79	2.98	ppb
Boron	11-1	261.75	262.47	274.58	266.26	2.71	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	475.96	488.37	485.80	483.38	1.36	ppb
Cadmium	106-1	477.20	492.34	496.69	488.75	2.09	ppb
Cadmium	108-1	474.61	477.41	483.87	478.63	0.99	ppb
Calcium	43-1	101763.90	101958.82	101929.60	101884.11	0.10	ppb
Calcium	44-1	102765.27	104579.01	103452.34	103598.87	0.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	482.33	482.41	476.45	480.40	0.71	ppb
Cobalt	59-2	492.34	484.63	494.74	490.57	1.08	ppb
Copper	63-2	5348.19	5338.28	5391.99	5359.49	0.53	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				114		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				101		%
Iron	56-2	24760.33	24775.50	24707.51	24747.78	0.14	ppb
Iron	57-2	25161.00	25003.85	24947.25	25037.37	0.44	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-08A	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-3-GW-062022/	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 22:13:06	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	25522.45	25517.89	25380.11	25473.48	0.32	ppb
Krypton	83-1						cps
Lead	206-1	2452.20	2492.18	2440.61	2461.66	1.10	ppb
Lead	207-1	2395.24	2439.98	2394.35	2409.86	1.08	ppb
Lead	208-1	2403.24	2436.81	2397.40	2412.48	0.88	ppb
Lithium	6-1				101		%
Magnesium	24-2	55049.74	55238.11	55116.92	55134.92	0.17	ppb
Manganese	55-2	5246.52	5330.58	5192.99	5256.69	1.32	ppb
Molybdenum	94-1	2856.74	2878.89	2930.03	2888.56	1.30	ppb
Molybdenum	95-1	2462.62	2484.00	2507.73	2484.78	0.91	ppb
Molybdenum	96-1	2523.59	2564.90	2568.91	2552.47	0.98	ppb
Molybdenum	97-1	2483.64	2484.84	2504.00	2490.83	0.46	ppb
Molybdenum	98-1	2449.36	2481.81	2521.02	2484.06	1.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	539.17	538.96	542.00	540.04	0.32	ppb
Phosphorus	31-2	-0.37	8.00	0.63	2.75	166.25	ppb
Potassium	39-2	25405.99	25488.62	25355.15	25416.59	0.27	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				98		%
Selenium	82-1	450.62	447.55	463.14	453.77	1.82	ppb
Selenium	77-2	467.67	475.27	477.13	473.36	1.06	ppb
Selenium	78-2	474.50	477.43	483.32	478.42	0.94	ppb
Silicon	28-1	694.99	696.90	685.92	692.61	0.85	ppb
Silver	107-1	476.78	484.68	475.91	479.12	1.01	ppb
Silver	109-1	472.61	484.94	479.57	479.04	1.29	ppb
Sodium	23-2	53932.75	54082.15	53670.87	53895.26	0.39	ppb
Strontium	86-1	667.28	684.17	682.99	678.15	1.39	ppb
Strontium	88-1	671.11	670.85	678.21	673.39	0.62	ppb
Sulfur	34-1	9964.96	9989.74	9980.83	9978.51	0.13	ppb
Terbium	159-1				112		%
Terbium	159-2				108		%
Thallium	203-1	491.87	505.07	495.93	497.62	1.36	ppb
Thallium	205-1	488.35	498.40	489.02	491.92	1.14	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-08A	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-3-GW-062022/	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 22:13:06	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.02	0.02	0.02	0.02	11.62	ppb
Tin	118-1	479.27	497.42	494.37	490.35	1.98	ppb
Titanium	47-1	2398.71	2406.93	2416.76	2407.47	0.38	ppb
Uranium	238-1	469.45	483.36	476.90	476.57	1.46	ppb
Vanadium	51-2	488.87	492.61	489.47	490.32	0.41	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	4559.52	4545.21	4572.51	4559.08	0.30	ppb
Zirconium	90-1	468.44	468.77	468.30	468.51	0.05	ppb
Zirconium	91-1	462.86	468.49	468.46	466.60	0.69	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P7
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 22:19:10	DataFile Name :	062CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51407.18	51502.09	50377.84	51095.70	1.22	ppb
Antimony	121-1	496.27	547.10	559.37	534.25	6.26	ppb
Arsenic	75-2	505.59	493.57	487.80	495.65	1.83	ppb
Barium	135-1	2482.13	2794.14	2774.44	2683.57	6.51	ppb
Barium	137-1	2508.26	2795.92	2782.78	2695.65	6.03	ppb
Beryllium	9-1	500.39	545.31	548.40	531.37	5.06	ppb
Bismuth	209-1				94		%
Bismuth	209-2				93		%
Boron	10-1	481.87	544.89	547.62	524.79	7.09	ppb
Boron	11-1	483.87	546.20	568.47	532.85	8.23	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	478.84	532.47	537.00	516.10	6.27	ppb
Cadmium	106-1	470.06	531.85	534.98	512.30	7.15	ppb
Cadmium	108-1	467.62	527.65	531.12	508.80	7.02	ppb
Calcium	43-1	250501.99	276530.94	281324.41	269452.45	6.16	ppb
Calcium	44-1	243947.64	269545.88	274325.17	262606.23	6.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	509.48	507.30	493.00	503.26	1.78	ppb
Cobalt	59-2	490.17	498.82	490.86	493.28	0.97	ppb
Copper	63-2	4834.71	4840.75	4858.01	4844.49	0.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				106		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	56-2	128393.74	129757.91	129258.17	129136.61	0.53	ppb
Iron	57-2	129646.64	129752.66	127554.57	128984.62	0.96	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P7
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 22:19:10	DataFile Name :	062CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	130233.64	132782.89	130254.84	131090.45	1.12	ppb
Krypton	83-1						cps
Lead	206-1	2553.92	2833.45	2842.19	2743.19	5.98	ppb
Lead	207-1	2501.03	2747.82	2802.06	2683.64	5.98	ppb
Lead	208-1	2518.21	2769.34	2815.60	2701.05	5.92	ppb
Lithium	6-1				95		%
Magnesium	24-2	256940.20	255597.78	252155.79	254897.92	0.97	ppb
Manganese	55-2	4958.64	4999.72	4974.00	4977.45	0.42	ppb
Molybdenum	94-1	4883.88	5561.68	5651.64	5365.74	7.82	ppb
Molybdenum	95-1	4934.73	5569.73	5603.17	5369.21	7.01	ppb
Molybdenum	96-1	4936.51	5550.85	5642.67	5376.68	7.14	ppb
Molybdenum	97-1	4967.18	5644.28	5676.98	5429.48	7.38	ppb
Molybdenum	98-1	4938.06	5605.20	5599.84	5381.03	7.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	485.03	492.22	481.47	486.24	1.13	ppb
Phosphorus	31-2	10160.21	10055.49	9930.38	10048.69	1.15	ppb
Potassium	39-2	129140.79	130382.61	128395.06	129306.16	0.78	ppb
Rhodium	103-1				91		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	463.16	525.89	529.07	506.04	7.34	ppb
Selenium	77-2	476.99	484.90	471.21	477.70	1.44	ppb
Selenium	78-2	485.03	488.61	464.10	479.25	2.76	ppb
Silicon	28-1	473.69	525.16	536.07	511.64	6.51	ppb
Silver	107-1	484.26	533.52	535.41	517.73	5.60	ppb
Silver	109-1	475.61	535.37	529.78	513.59	6.43	ppb
Sodium	23-2	258302.67	262224.81	254645.05	258390.84	1.47	ppb
Strontium	86-1	12373.11	13762.24	14045.99	13393.78	6.68	ppb
Strontium	88-1	12482.28	13896.26	14030.10	13469.55	6.37	ppb
Sulfur	34-1	7819.51	9213.74	9513.30	8848.85	10.22	ppb
Terbium	159-1				103		%
Terbium	159-2				106		%
Thallium	203-1	516.21	566.78	571.83	551.61	5.58	ppb
Thallium	205-1	505.98	562.31	566.83	545.04	6.22	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P7
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 22:19:10	DataFile Name :	062CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	496.86	547.90	565.52	536.76	6.64	ppb
Tin	118-1	496.49	548.11	550.57	531.72	5.74	ppb
Titanium	47-1	4896.20	5412.78	5519.57	5276.18	6.32	ppb
Uranium	238-1	497.28	539.85	565.96	534.36	6.49	ppb
Vanadium	51-2	509.56	519.59	502.78	510.64	1.66	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	4778.29	4776.49	4778.55	4777.77	0.02	ppb
Zirconium	90-1	492.26	551.33	559.73	534.44	6.88	ppb
Zirconium	91-1	489.20	553.08	556.97	533.08	7.14	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P7
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 22:23:57	DataFile Name :	063CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.44	2.37	1.66	1.82	26.63	ppb
Antimony	121-1	0.27	0.27	0.26	0.26	2.49	ppb
Arsenic	75-2	0.03	0.04	0.03	0.03	16.30	ppb
Barium	135-1	0.10	0.15	0.13	0.13	18.83	ppb
Barium	137-1	0.12	0.13	0.12	0.12	3.09	ppb
Beryllium	9-1	0.12	0.12	0.10	0.11	10.28	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Boron	10-1	10.51	10.14	9.49	10.05	5.14	ppb
Boron	11-1	10.05	9.73	9.00	9.59	5.59	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.04	-0.24	-0.27	-0.18		ppb
Cadmium	106-1	-1.78	-4.79	-5.67	-4.08		ppb
Cadmium	108-1	-0.13	0.28	-0.02	0.04	509.73	ppb
Calcium	43-1	5.28	4.03	3.34	4.22	23.34	ppb
Calcium	44-1	4.21	3.98	3.76	3.98	5.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	0.03	0.01	0.00	975.74	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	3.02	ppb
Copper	63-2	0.31	0.33	0.29	0.31	7.19	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				111		%
Indium	115-1				110		%
Indium	115-2				109		%
Iron	56-2	4.44	5.51	4.43	4.79	12.94	ppb
Iron	57-2	4.51	4.52	4.06	4.36	6.06	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P7
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 22:23:57	DataFile Name :	063CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	6.49	4.49	5.27	5.42	18.57	ppb
Krypton	83-1						cps
Lead	206-1	0.24	0.23	0.23	0.24	0.70	ppb
Lead	207-1	0.24	0.25	0.20	0.23	11.20	ppb
Lead	208-1	0.24	0.23	0.23	0.23	2.70	ppb
Lithium	6-1				103		%
Magnesium	24-2	8.96	9.99	8.57	9.17	7.97	ppb
Manganese	55-2	0.23	0.27	0.27	0.26	10.56	ppb
Molybdenum	94-1	0.35	0.30	0.27	0.31	12.54	ppb
Molybdenum	95-1	0.29	0.34	0.30	0.31	8.21	ppb
Molybdenum	96-1	0.27	0.31	0.29	0.29	6.67	ppb
Molybdenum	97-1	0.32	0.32	0.34	0.33	3.98	ppb
Molybdenum	98-1	0.30	0.26	0.25	0.27	9.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.01	-0.03	0.00	1511.18	ppb
Phosphorus	31-2	-17.18	-14.17	-11.25	-14.20		ppb
Potassium	39-2	-0.49	0.14	-1.17	-0.51		ppb
Rhodium	103-1				108		%
Rhodium	103-2				109		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	82-1	1.42	0.77	-0.43	0.59	159.93	ppb
Selenium	77-2	0.61	0.00	0.20	0.27	114.48	ppb
Selenium	78-2	0.29	-0.35	-0.09	-0.05		ppb
Silicon	28-1	-0.29	-0.23	-0.07	-0.19		ppb
Silver	107-1	0.09	0.09	0.08	0.09	8.91	ppb
Silver	109-1	0.08	0.10	0.09	0.09	6.80	ppb
Sodium	23-2	40.59	40.53	37.98	39.70	3.75	ppb
Strontium	86-1	0.42	0.32	0.44	0.39	16.51	ppb
Strontium	88-1	0.43	0.42	0.42	0.42	2.21	ppb
Sulfur	34-1	-1341.17	-1335.64	-1062.40	-1246.40		ppb
Terbium	159-1				111		%
Terbium	159-2				110		%
Thallium	203-1	0.06	0.05	0.07	0.06	11.25	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	4.10	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P7
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 22:23:57	DataFile Name :	063CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.02	0.02	8.42	ppb
Tin	118-1	-0.07	-0.09	-0.07	-0.08		ppb
Titanium	47-1	0.30	0.21	0.23	0.25	18.61	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	3.39	ppb
Vanadium	51-2	0.02	0.02	0.01	0.02	19.53	ppb
Yttrium	89-1				108		%
Yttrium	89-2				109		%
Zinc	66-2	0.37	0.37	0.23	0.32	25.92	ppb
Zirconium	90-1	0.03	0.04	0.03	0.03	5.77	ppb
Zirconium	91-1	0.04	0.03	0.03	0.03	16.50	ppb

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 16:47:26	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	372	211	333	306	27.51	cps
Antimony	121-1	50	50	100	67	43.30	cps
Arsenic	75-2	13	6	13	10	40.72	cps
Barium	135-1	33	33	25	31	15.74	cps
Barium	137-1	58	100	42	67	45.06	cps
Beryllium	9-1	23	17	27	22	22.91	cps
Bismuth	209-1	10752104	10774268	10828255	10784875	0.36	cps
Bismuth	209-2	8852426	8885829	8773132	8837129	0.66	cps
Boron	10-1	500	567	675	581	15.21	cps
Boron	11-1	3100	2709	2784	2864	7.26	cps
Bromine	81-1	14457	14591	14674	14574	0.75	cps
Bromine	81-2	80	80	20	60	57.74	cps
Cadmium	111-1	3771	3543	3322	3545	6.33	cps
Cadmium	106-1	7552	7185	6727	7155	5.78	cps
Cadmium	108-1	38	83	71	64	37.08	cps
Calcium	43-1	592	483	458	511	13.87	cps
Calcium	44-1	12366	12774	13425	12855	4.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1413	1380	1587	1460	7.60	cps
Cobalt	59-2	103	143	93	113	23.35	cps
Copper	63-2	583	670	777	677	14.31	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	13	10	7	10	33.30	cps
Erbium	164-1	117	108	100	108	7.69	cps
Erbium	164-2	90	67	47	68	32.00	cps
Gadolinium	160-1	117	75	108	100	22.05	cps
Gadolinium	160-2	360	407	413	393	7.39	cps
Holmium	165-1	16603320	16379216	16683308	16555281	0.95	cps
Holmium	165-2	11559574	11485438	11460828	11501947	0.45	cps
Indium	115-1	13016017	13015576	13053030	13028208	0.17	cps
Indium	115-2	4639342	4647363	4578744	4621817	0.81	cps
Iron	56-2	12366	12984	12494	12615	2.58	cps
Iron	57-2	456	511	478	481	5.81	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 16:47:26	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1321	1382	1241	1315	5.35	cps
Krypton	83-1	1940	1900	1843	1895	2.56	cps
Lead	206-1	200	194	222	206	7.15	cps
Lead	207-1	228	189	194	204	10.32	cps
Lead	208-1	872	817	906	865	5.19	cps
Lithium	6-1	3617336	3565019	3682466	3621607	1.62	cps
Magnesium	24-2	589	533	572	565	5.05	cps
Manganese	55-2	150	177	217	181	18.53	cps
Molybdenum	94-1	175	267	200	214	22.15	cps
Molybdenum	95-1	25	17	0	14	91.65	cps
Molybdenum	96-1	150	58	100	103	44.66	cps
Molybdenum	97-1	25	25	17	22	21.64	cps
Molybdenum	98-1	67	67	33	56	34.65	cps
Neodymium	150-1	0	27	7	11	124.89	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	113	107	117	112	4.54	cps
Phosphorus	31-2	208	392	225	275	36.86	cps
Potassium	39-2	54590	54531	55017	54713	0.48	cps
Rhodium	103-1	12569852	12341766	12440159	12450593	0.92	cps
Rhodium	103-2	7630198	7775663	7672165	7692675	0.97	cps
Scandium	45-1	8947224	8869166	8921256	8912549	0.45	cps
Scandium	45-2	751106	744588	737994	744562	0.88	cps
Selenium	82-1	-117	-61	-41	-73	-54.07	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	241	244	202	229	10.30	cps
Silicon	28-1	292646	293681	289508	291945	0.74	cps
Silver	107-1	83	100	125	103	20.40	cps
Silver	109-1	8	8	17	11	43.34	cps
Sodium	23-2	20436	19446	20386	20089	2.78	cps
Strontium	86-1	2975	3017	2867	2953	2.62	cps
Strontium	88-1	633	667	650	650	2.56	cps
Sulfur	34-1	343779	341752	341409	342313	0.37	cps
Terbium	159-1	17144941	17099294	17070771	17105002	0.22	cps
Terbium	159-2	11478136	11517117	11385415	11460223	0.59	cps
Thallium	203-1	358	242	350	317	20.55	cps
Thallium	205-1	958	750	692	800	17.52	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 16:47:26	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	444	433	506	461	8.43	cps
Tin	118-1	2050	2150	2259	2153	4.84	cps
Titanium	47-1	133	100	167	133	25.00	cps
Uranium	238-1	58	42	50	50	16.66	cps
Vanadium	51-2	27	10	3	13	90.16	cps
Yttrium	89-1	19148818	19016886	18669132	18944945	1.31	cps
Yttrium	89-2	4656161	4660742	4690134	4669012	0.39	cps
Zinc	66-2	383	437	433	418	7.15	cps
Zirconium	90-1	592	858	725	725	18.39	cps
Zirconium	91-1	117	142	167	142	17.65	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 16:50:21	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4606	4695	4556	4619	1.52	cps
Antimony	121-1	16009	16869	15826	16235	3.43	cps
Arsenic	75-2	531	517	517	522	1.64	cps
Barium	135-1	19497	20048	18696	19414	3.50	cps
Barium	137-1	35236	34267	35871	35125	2.30	cps
Beryllium	9-1	1940	1963	1880	1928	2.23	cps
Bismuth	209-1	10668897	10670666	10801407	10713657	0.71	cps
Bismuth	209-2	8672735	8887078	8705868	8755227	1.32	cps
Boron	10-1	6118	6210	6276	6201	1.28	cps
Boron	11-1	28644	30213	30589	29815	3.46	cps
Bromine	81-1	15433	14875	14666	14991	2.65	cps
Bromine	81-2	70	70	30	57	40.75	cps
Cadmium	111-1	5961	5765	6256	5994	4.12	cps
Cadmium	106-1	7294	7202	7752	7416	3.98	cps
Cadmium	108-1	196	279	192	222	22.21	cps
Calcium	43-1	14349	14174	14816	14446	2.30	cps
Calcium	44-1	238663	237014	241826	239168	1.02	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9863	9466	9523	9618	2.23	cps
Cobalt	59-2	6812	6712	6925	6816	1.57	cps
Copper	63-2	10187	10137	10023	10116	0.83	cps
Dysprosium	156-1	0	8	25	11	114.58	cps
Dysprosium	156-2	7	7	13	9	43.25	cps
Erbium	164-1	133	83	158	125	30.55	cps
Erbium	164-2	60	80	77	72	14.84	cps
Gadolinium	160-1	58	133	108	100	38.19	cps
Gadolinium	160-2	373	420	377	390	6.68	cps
Holmium	165-1	16460881	16084272	16348657	16297937	1.19	cps
Holmium	165-2	11368829	11299078	11346965	11338291	0.31	cps
Indium	115-1	13189366	12944571	12993859	13042599	0.99	cps
Indium	115-2	4633579	4619159	4514315	4589018	1.42	cps
Iron	56-2	207782	205439	207580	206934	0.63	cps
Iron	57-2	5140	5168	5157	5155	0.27	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 16:50:21	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	12338	11957	11597	11964	3.10	cps
Krypton	83-1	1787	1840	1853	1827	1.93	cps
Lead	206-1	6874	6674	6846	6798	1.59	cps
Lead	207-1	5190	5512	5812	5505	5.66	cps
Lead	208-1	26628	26444	27639	26904	2.39	cps
Lithium	6-1	3667167	3700155	3724497	3697273	0.78	cps
Magnesium	24-2	202538	201992	202385	202305	0.14	cps
Manganese	55-2	3444	3474	3274	3397	3.18	cps
Molybdenum	94-1	18788	17961	18729	18493	2.49	cps
Molybdenum	95-1	21800	21992	22802	22198	2.39	cps
Molybdenum	96-1	25097	24371	25022	24830	1.61	cps
Molybdenum	97-1	14257	14040	13932	14077	1.18	cps
Molybdenum	98-1	36404	35870	36237	36170	0.76	cps
Neodymium	150-1	13	33	13	20	57.74	cps
Neodymium	150-2	3	10	7	7	50.03	cps
Nickel	60-2	1867	1893	1800	1853	2.59	cps
Phosphorus	31-2	475	458	342	425	17.09	cps
Potassium	39-2	278058	279023	280177	279086	0.38	cps
Rhodium	103-1	12428720	12370084	12508374	12435726	0.56	cps
Rhodium	103-2	7677271	7701062	7697342	7691892	0.17	cps
Scandium	45-1	8842974	8821869	8759633	8808159	0.49	cps
Scandium	45-2	738220	736946	742063	739076	0.36	cps
Selenium	82-1	795	730	710	745	5.99	cps
Selenium	77-2	100	63	93	86	22.83	cps
Selenium	78-2	461	496	544	501	8.36	cps
Silicon	28-1	347982	352493	350933	350469	0.65	cps
Silver	107-1	8619	10221	9879	9573	8.81	cps
Silver	109-1	7744	8494	9186	8475	8.51	cps
Sodium	23-2	339121	337522	337761	338135	0.26	cps
Strontium	86-1	6226	5910	5985	6040	2.74	cps
Strontium	88-1	26641	26600	26808	26683	0.41	cps
Sulfur	34-1	338489	343219	342450	341386	0.74	cps
Terbium	159-1	16793641	16789135	16803913	16795563	0.05	cps
Terbium	159-2	11243743	11191092	11245395	11226743	0.28	cps
Thallium	203-1	8461	8261	8086	8269	2.27	cps
Thallium	205-1	20049	20883	19848	20260	2.71	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 16:50:21	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	24941	25258	24969	25056	0.70	cps
Tin	118-1	38026	37391	38778	38065	1.82	cps
Titanium	47-1	6568	6660	6818	6682	1.89	cps
Uranium	238-1	23339	22671	23180	23063	1.51	cps
Vanadium	51-2	17514	17597	18234	17782	2.22	cps
Yttrium	89-1	19130250	18611537	18898028	18879938	1.38	cps
Yttrium	89-2	4666936	4647977	4626508	4647140	0.44	cps
Zinc	66-2	2144	2297	2200	2214	3.50	cps
Zirconium	90-1	15617	15534	16351	15834	2.84	cps
Zirconium	91-1	3651	3459	3642	3584	3.02	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 16:53:17	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225296	221824	222750	223290	0.81	cps
Antimony	121-1	410947	423976	422697	419207	1.71	cps
Arsenic	75-2	25040	25344	25158	25181	0.61	cps
Barium	135-1	517591	527587	524490	523223	0.98	cps
Barium	137-1	911967	929395	930288	923883	1.12	cps
Beryllium	9-1	92875	93531	95639	94015	1.54	cps
Bismuth	209-1	10657992	10709959	10691499	10686483	0.25	cps
Bismuth	209-2	8658333	8809407	8699895	8722545	0.89	cps
Boron	10-1	22742	25196	24678	24206	5.34	cps
Boron	11-1	111241	124149	124162	119851	6.22	cps
Bromine	81-1	13707	15308	14324	14446	5.59	cps
Bromine	81-2	80	60	90	77	19.92	cps
Cadmium	111-1	125597	126451	128386	126811	1.13	cps
Cadmium	106-1	21199	20532	21825	21185	3.05	cps
Cadmium	108-1	9599	9666	9291	9519	2.10	cps
Calcium	43-1	167173	173874	172172	171073	2.04	cps
Calcium	44-1	2078699	2086503	2102148	2089117	0.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	215603	213382	214048	214344	0.53	cps
Cobalt	59-2	332329	331228	331874	331811	0.17	cps
Copper	63-2	2331784	2361248	2335147	2342726	0.69	cps
Dysprosium	156-1	25	42	25	31	31.50	cps
Dysprosium	156-2	20	43	40	34	36.64	cps
Erbium	164-1	100	50	175	108	58.08	cps
Erbium	164-2	133	63	103	100	35.12	cps
Gadolinium	160-1	92	92	158	114	33.80	cps
Gadolinium	160-2	403	430	450	428	5.47	cps
Holmium	165-1	16562182	16479048	16609859	16550363	0.40	cps
Holmium	165-2	11373444	11467633	11376417	11405831	0.47	cps
Indium	115-1	12755279	12899577	12943500	12866119	0.77	cps
Indium	115-2	4540969	4591427	4583122	4571840	0.59	cps
Iron	56-2	9743456	9701760	9669466	9704894	0.38	cps
Iron	57-2	249252	249316	249068	249212	0.05	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 16:53:17	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	569510	559328	563118	563986	0.91	cps
Krypton	83-1	1903	1840	1990	1911	3.94	cps
Lead	206-1	1853072	1845795	1843107	1847325	0.28	cps
Lead	207-1	1424974	1449327	1479255	1451185	1.87	cps
Lead	208-1	7164181	7215165	7218477	7199274	0.42	cps
Lithium	6-1	3711158	3675502	3636203	3674288	1.02	cps
Magnesium	24-2	2046196	2023995	1996076	2022089	1.24	cps
Manganese	55-2	1597334	1583095	1549696	1576709	1.55	cps
Molybdenum	94-1	1585084	1580508	1592541	1586044	0.38	cps
Molybdenum	95-1	2285127	2266451	2262142	2271240	0.54	cps
Molybdenum	96-1	2449780	2471067	2442894	2454580	0.60	cps
Molybdenum	97-1	1404656	1399016	1372105	1391926	1.25	cps
Molybdenum	98-1	3557690	3652113	3671341	3627048	1.68	cps
Neodymium	150-1	67	87	53	69	24.36	cps
Neodymium	150-2	50	20	27	32	48.88	cps
Nickel	60-2	85807	85462	84372	85214	0.88	cps
Phosphorus	31-2	11855	12205	11013	11691	5.24	cps
Potassium	39-2	1221894	1205161	1203935	1210330	0.83	cps
Rhodium	103-1	12345224	12448897	12394507	12396209	0.42	cps
Rhodium	103-2	7535630	7573247	7472766	7527214	0.67	cps
Scandium	45-1	8861150	8941324	8718810	8840428	1.27	cps
Scandium	45-2	731312	725419	725399	727376	0.47	cps
Selenium	82-1	9237	9330	9206	9258	0.70	cps
Selenium	77-2	827	783	687	766	9.36	cps
Selenium	78-2	2843	2876	3023	2914	3.28	cps
Silicon	28-1	3434637	3553319	3482260	3490072	1.71	cps
Silver	107-1	574514	588486	580042	581014	1.21	cps
Silver	109-1	536927	551185	551017	546376	1.50	cps
Sodium	23-2	3408489	3351226	3339176	3366297	1.10	cps
Strontium	86-1	3828703	3795794	3832354	3818950	0.53	cps
Strontium	88-1	33008279	33068581	32883696	32986852	0.29	cps
Sulfur	34-1	396299	401072	400138	399169	0.63	cps
Terbium	159-1	17213195	16999437	16932891	17048508	0.86	cps
Terbium	159-2	11267120	11410520	11180558	11286066	1.03	cps
Thallium	203-1	419738	434034	433573	429115	1.89	cps
Thallium	205-1	1021827	1035458	1042443	1033243	1.01	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 16:53:17	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1331938	1360580	1350761	1347759	1.08	cps
Tin	118-1	368388	379801	369402	372531	1.70	cps
Titanium	47-1	664407	671970	659806	665394	0.92	cps
Uranium	238-1	1210979	1226169	1205861	1214336	0.87	cps
Vanadium	51-2	183285	182220	181903	182469	0.40	cps
Yttrium	89-1	18963171	18862522	18722488	18849394	0.64	cps
Yttrium	89-2	4606701	4629817	4552056	4596191	0.87	cps
Zinc	66-2	407313	403589	406869	405924	0.50	cps
Zirconium	90-1	806618	816017	816534	813056	0.69	cps
Zirconium	91-1	182974	184814	183302	183697	0.53	cps

LB Number : LB120754 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired : 2022-06-18 16:56:04 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	536776	532425	528036	532412	0.82	cps
Antimony	121-1	1012454	1032603	1041165	1028741	1.43	cps
Arsenic	75-2	61326	60874	61370	61190	0.45	cps
Barium	135-1	1272118	1288612	1289726	1283486	0.77	cps
Barium	137-1	2229724	2245825	2238871	2238140	0.36	cps
Beryllium	9-1	233318	232411	236443	234057	0.90	cps
Bismuth	209-1	10669688	10725818	10632663	10676056	0.44	cps
Bismuth	209-2	8585283	8530901	8566656	8560947	0.32	cps
Boron	10-1	58026	61983	61606	60538	3.61	cps
Boron	11-1	275181	289603	296835	287206	3.84	cps
Bromine	81-1	13965	13723	14266	13985	1.94	cps
Bromine	81-2	80	70	60	70	14.29	cps
Cadmium	111-1	303696	303223	303844	303588	0.11	cps
Cadmium	106-1	40014	39764	40975	40251	1.59	cps
Cadmium	108-1	23014	23640	23448	23368	1.37	cps
Calcium	43-1	410503	411468	417170	413047	0.87	cps
Calcium	44-1	5055197	5029081	5033742	5039340	0.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	515641	511796	512816	513418	0.39	cps
Cobalt	59-2	797657	799307	798449	798471	0.10	cps
Copper	63-2	5561340	5555817	5563309	5560155	0.07	cps
Dysprosium	156-1	67	58	50	58	14.29	cps
Dysprosium	156-2	80	50	47	59	31.17	cps
Erbium	164-1	100	167	108	125	29.06	cps
Erbium	164-2	87	77	57	73	20.83	cps
Gadolinium	160-1	125	133	100	119	14.53	cps
Gadolinium	160-2	460	410	437	436	5.74	cps
Holmium	165-1	16508005	16250388	16405713	16388035	0.79	cps
Holmium	165-2	11381831	11366504	11355753	11368029	0.12	cps
Indium	115-1	12621293	12719353	12798326	12712990	0.70	cps
Indium	115-2	4467597	4490732	4539443	4499257	0.82	cps
Iron	56-2	23370689	23268850	23455986	23365175	0.40	cps
Iron	57-2	600183	600378	600372	600311	0.02	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 16:56:04	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1359813	1340633	1342104	1347517	0.79	cps
Krypton	83-1	1783	1813	1793	1797	0.85	cps
Lead	206-1	4588870	4601615	4649575	4613353	0.69	cps
Lead	207-1	3959948	3959715	3962238	3960634	0.04	cps
Lead	208-1	18069518	18192635	18190348	18150834	0.39	cps
Lithium	6-1	3723458	3695912	3647185	3688852	1.05	cps
Magnesium	24-2	4846685	4822763	4788692	4819380	0.60	cps
Manganese	55-2	3775072	3798659	3789745	3787825	0.31	cps
Molybdenum	94-1	3805942	3835443	3848690	3830025	0.57	cps
Molybdenum	95-1	5450767	5463196	5494640	5469534	0.41	cps
Molybdenum	96-1	5885797	5897758	5957950	5913835	0.65	cps
Molybdenum	97-1	3357432	3334625	3435921	3375992	1.57	cps
Molybdenum	98-1	8696945	8663782	8805045	8721924	0.85	cps
Neodymium	150-1	87	127	120	111	19.29	cps
Neodymium	150-2	30	27	33	30	11.10	cps
Nickel	60-2	201806	205445	203724	203658	0.89	cps
Phosphorus	31-2	27367	27467	28368	27734	1.99	cps
Potassium	39-2	2653529	2625588	2601076	2626731	1.00	cps
Rhodium	103-1	12070170	11892632	12007921	11990241	0.75	cps
Rhodium	103-2	7498908	7497856	7505891	7500885	0.06	cps
Scandium	45-1	8682738	8674876	8681140	8679585	0.05	cps
Scandium	45-2	711059	702502	708000	707187	0.61	cps
Selenium	82-1	22386	22602	22692	22560	0.70	cps
Selenium	77-2	1853	1993	1817	1888	4.94	cps
Selenium	78-2	6837	6811	6570	6739	2.18	cps
Silicon	28-1	7820057	7942245	7991023	7917775	1.11	cps
Silver	107-1	1407432	1414886	1440308	1420875	1.21	cps
Silver	109-1	1322551	1326477	1338555	1329194	0.63	cps
Sodium	23-2	8030986	8014607	7944356	7996650	0.58	cps
Strontium	86-1	9041224	9426457	9219319	9229000	2.09	cps
Strontium	88-1	79225658	81415562	80410664	80350628	1.36	cps
Sulfur	34-1	459979	468910	464783	464557	0.96	cps
Terbium	159-1	16888521	16931428	16951331	16923760	0.19	cps
Terbium	159-2	11420716	11425579	11272190	11372828	0.77	cps
Thallium	203-1	1048773	1049726	1065454	1054651	0.89	cps
Thallium	205-1	2635987	2629984	2652551	2639507	0.44	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 16:56:04	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	3794201	3852514	3792226	3812980	0.90	cps
Tin	118-1	899964	920084	927918	915989	1.57	cps
Titanium	47-1	1547271	1611154	1555594	1571340	2.21	cps
Uranium	238-1	3282201	3359081	3296172	3312484	1.24	cps
Vanadium	51-2	440319	435862	442454	439545	0.77	cps
Yttrium	89-1	18487690	18759624	18552556	18599957	0.76	cps
Yttrium	89-2	4577862	4518833	4512932	4536542	0.79	cps
Zinc	66-2	969244	960410	976727	968794	0.84	cps
Zirconium	90-1	1935466	1969542	1967547	1957518	0.98	cps
Zirconium	91-1	448104	454130	451543	451259	0.67	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 16:58:48	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1044543	1045698	1035570	1041937	0.53	cps
Antimony	121-1	1996736	2038548	2037334	2024206	1.18	cps
Arsenic	75-2	118688	119700	117964	118784	0.73	cps
Barium	135-1	2525700	2556657	2517825	2533394	0.81	cps
Barium	137-1	4472894	4498407	4457070	4476124	0.47	cps
Beryllium	9-1	450990	451685	450395	451023	0.14	cps
Bismuth	209-1	10867631	10700635	10691332	10753200	0.92	cps
Bismuth	209-2	8685639	8514314	8506239	8568730	1.18	cps
Boron	10-1	112489	116392	120684	116522	3.52	cps
Boron	11-1	538559	565388	580128	561358	3.75	cps
Bromine	81-1	14574	13799	13598	13990	3.68	cps
Bromine	81-2	130	40	80	83	54.12	cps
Cadmium	111-1	595439	599455	603237	599377	0.65	cps
Cadmium	106-1	70932	71300	72515	71582	1.16	cps
Cadmium	108-1	43837	45831	44857	44842	2.22	cps
Calcium	43-1	805583	810654	812028	809422	0.42	cps
Calcium	44-1	9962155	9966875	9864566	9931199	0.58	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	998380	998811	989585	995592	0.52	cps
Cobalt	59-2	1561184	1552362	1535805	1549784	0.83	cps
Copper	63-2	10848653	10998621	10759058	10868777	1.11	cps
Dysprosium	156-1	108	125	167	133	22.53	cps
Dysprosium	156-2	97	117	127	113	13.48	cps
Erbium	164-1	225	175	142	181	23.23	cps
Erbium	164-2	73	100	103	92	17.83	cps
Gadolinium	160-1	92	133	117	114	18.41	cps
Gadolinium	160-2	417	400	423	413	2.91	cps
Holmium	165-1	16490696	16608048	16451941	16516895	0.49	cps
Holmium	165-2	11475430	11316006	11570364	11453934	1.12	cps
Indium	115-1	12668849	12603161	12631719	12634576	0.26	cps
Indium	115-2	4386055	4433011	4343051	4387372	1.03	cps
Iron	56-2	45676301	45434148	44978509	45362986	0.78	cps
Iron	57-2	1171622	1166198	1156642	1164821	0.65	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 16:58:48	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2523774	2594494	2512734	2543667	1.74	cps
Krypton	83-1	1820	1777	1730	1776	2.54	cps
Lead	206-1	9124146	9299825	9241526	9221832	0.97	cps
Lead	207-1	7767129	7876966	7847731	7830609	0.73	cps
Lead	208-1	35927485	36413831	36269200	36203505	0.69	cps
Lithium	6-1	3677570	3654417	3672020	3668002	0.33	cps
Magnesium	24-2	9560993	9581630	9387368	9509997	1.12	cps
Manganese	55-2	7416857	7444236	7383333	7414809	0.41	cps
Molybdenum	94-1	7605469	7586257	7564008	7585245	0.27	cps
Molybdenum	95-1	10924018	10823440	10789801	10845753	0.64	cps
Molybdenum	96-1	11653699	11768459	11570054	11664070	0.85	cps
Molybdenum	97-1	6659213	6602011	6667569	6642931	0.54	cps
Molybdenum	98-1	17299467	17267874	17348070	17305137	0.23	cps
Neodymium	150-1	213	307	253	258	18.17	cps
Neodymium	150-2	67	93	57	72	26.24	cps
Nickel	60-2	398550	398106	392669	396442	0.83	cps
Phosphorus	31-2	55384	53134	52398	53639	2.90	cps
Potassium	39-2	5096079	5040450	5019727	5052085	0.78	cps
Rhodium	103-1	11924109	11847384	11702620	11824704	0.95	cps
Rhodium	103-2	7319388	7316440	7239927	7291918	0.62	cps
Scandium	45-1	8726910	8634263	8504872	8622015	1.29	cps
Scandium	45-2	703243	699993	696820	700019	0.46	cps
Selenium	82-1	43870	44755	44509	44378	1.03	cps
Selenium	77-2	3684	3714	3931	3776	3.57	cps
Selenium	78-2	12976	13067	12774	12939	1.16	cps
Silicon	28-1	15097938	15166489	15002194	15088874	0.55	cps
Silver	107-1	2670776	2754538	2710570	2711961	1.54	cps
Silver	109-1	2525013	2605985	2565636	2565545	1.58	cps
Sodium	23-2	15671153	15646326	15549065	15622181	0.41	cps
Strontium	86-1	18232326	18585145	18423043	18413505	0.96	cps
Strontium	88-1	158608295	158387733	156355612	157783880	0.79	cps
Sulfur	34-1	576349	577759	580927	578345	0.41	cps
Terbium	159-1	17003437	17218114	16921513	17047688	0.90	cps
Terbium	159-2	11236401	11312823	11406389	11318538	0.75	cps
Thallium	203-1	2200631	2227168	2227294	2218365	0.69	cps
Thallium	205-1	5194975	5322886	5327158	5281673	1.42	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 16:58:48	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	7601478	7606509	7588298	7598762	0.12	cps
Tin	118-1	1772794	1791717	1793212	1785908	0.64	cps
Titanium	47-1	3123161	3159467	3108747	3130458	0.83	cps
Uranium	238-1	6609068	6690847	6523279	6607731	1.27	cps
Vanadium	51-2	857900	858276	851103	855760	0.47	cps
Yttrium	89-1	18585877	18644043	18840140	18690020	0.71	cps
Yttrium	89-2	4487680	4463553	4453837	4468356	0.39	cps
Zinc	66-2	1838590	1843306	1844154	1842017	0.16	cps
Zirconium	90-1	3808097	3867371	3912289	3862585	1.35	cps
Zirconium	91-1	880188	896187	897224	891199	1.07	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 17:01:35	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1970814	1945393	1923357	1946521	1.22	cps
Antimony	121-1	3928860	3971880	3969530	3956757	0.61	cps
Arsenic	75-2	221691	220907	218917	220505	0.65	cps
Barium	135-1	5001046	4967984	5001645	4990225	0.39	cps
Barium	137-1	8731376	8689241	8693669	8704762	0.27	cps
Beryllium	9-1	872268	889941	881026	881078	1.00	cps
Bismuth	209-1	10581716	10552204	10464044	10532655	0.58	cps
Bismuth	209-2	8399640	8325403	8344529	8356524	0.46	cps
Boron	10-1	222662	232681	244835	233393	4.76	cps
Boron	11-1	1051356	1112390	1148222	1103989	4.44	cps
Bromine	81-1	13632	12798	13306	13245	3.17	cps
Bromine	81-2	30	50	70	50	40.00	cps
Cadmium	111-1	1147269	1166262	1145168	1152900	1.01	cps
Cadmium	106-1	129390	133519	131996	131635	1.59	cps
Cadmium	108-1	88015	89277	88229	88507	0.76	cps
Calcium	43-1	1495411	1536345	1513982	1515246	1.35	cps
Calcium	44-1	19358798	19615935	19355966	19443566	0.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1815509	1784184	1790603	1796765	0.92	cps
Cobalt	59-2	2882795	2856202	2795743	2844913	1.57	cps
Copper	63-2	20022876	19824034	19574330	19807080	1.13	cps
Dysprosium	156-1	225	267	183	225	18.52	cps
Dysprosium	156-2	283	247	260	263	7.05	cps
Erbium	164-1	183	242	158	194	21.99	cps
Erbium	164-2	93	130	100	108	18.12	cps
Gadolinium	160-1	233	183	208	208	12.00	cps
Gadolinium	160-2	370	387	363	373	3.22	cps
Holmium	165-1	16360877	16459871	16318233	16379660	0.44	cps
Holmium	165-2	11235523	10986769	10938483	11053592	1.44	cps
Indium	115-1	12235034	12237751	12014566	12162450	1.05	cps
Indium	115-2	4204451	4144736	4075845	4141677	1.55	cps
Iron	56-2	85691102	85922149	83945985	85186412	1.27	cps
Iron	57-2	2123201	2148386	2070834	2114140	1.87	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 17:01:35	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	4716685	4704746	4621584	4681005	1.11	cps
Krypton	83-1	1590	1640	1607	1612	1.58	cps
Lead	206-1	18043580	18254180	18326870	18208210	0.81	cps
Lead	207-1	15356242	15593788	15493914	15481314	0.77	cps
Lead	208-1	71434513	72249524	71746157	71810065	0.57	cps
Lithium	6-1	3644721	3559062	3510046	3571276	1.91	cps
Magnesium	24-2	17764007	17684641	17297971	17582206	1.42	cps
Manganese	55-2	13997306	13960641	13671035	13876327	1.29	cps
Molybdenum	94-1	14826530	15048484	14818234	14897749	0.88	cps
Molybdenum	95-1	21025490	21299333	21130959	21151928	0.65	cps
Molybdenum	96-1	22639028	23102722	22672081	22804610	1.13	cps
Molybdenum	97-1	12934497	13147046	12891261	12990935	1.05	cps
Molybdenum	98-1	33654556	34396816	33962055	34004476	1.10	cps
Neodymium	150-1	440	440	373	418	9.21	cps
Neodymium	150-2	130	117	70	106	29.85	cps
Nickel	60-2	725269	723371	712863	720501	0.93	cps
Phosphorus	31-2	98198	100295	96487	98327	1.94	cps
Potassium	39-2	9419172	9260553	9196084	9291936	1.24	cps
Rhodium	103-1	11410566	11407461	11260118	11359382	0.76	cps
Rhodium	103-2	6852375	6785950	6735017	6791114	0.87	cps
Scandium	45-1	8279499	8371053	8325353	8325302	0.55	cps
Scandium	45-2	650579	649352	638802	646244	1.00	cps
Selenium	82-1	84139	84646	85647	84811	0.90	cps
Selenium	77-2	6985	7232	6855	7024	2.73	cps
Selenium	78-2	23973	23626	23764	23788	0.73	cps
Silicon	28-1	28722874	28991960	28557357	28757397	0.76	cps
Silver	107-1	5209905	5262818	5366521	5279748	1.51	cps
Silver	109-1	4893853	4973860	4923901	4930538	0.82	cps
Sodium	23-2	29519772	28993176	28600235	29037728	1.59	cps
Strontium	86-1	35483513	35765192	36029691	35759466	0.76	cps
Strontium	88-1	310225782	308314457	311739549	310093262	0.55	cps
Sulfur	34-1	794895	799456	787399	793917	0.77	cps
Terbium	159-1	16642205	16822201	16831045	16765151	0.64	cps
Terbium	159-2	11077172	11037439	10775106	10963239	1.50	cps
Thallium	203-1	4365780	4458864	4418156	4414267	1.06	cps
Thallium	205-1	10374265	10468372	10381777	10408138	0.50	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 17:01:35	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	15408788	15294199	15509385	15404124	0.70	cps
Tin	118-1	3415826	3464166	3423613	3434535	0.76	cps
Titanium	47-1	6102337	6074291	6011403	6062677	0.77	cps
Uranium	238-1	13284243	13452014	13490363	13408874	0.82	cps
Vanadium	51-2	1560299	1558940	1529653	1549630	1.12	cps
Yttrium	89-1	18395584	18467851	18136236	18333223	0.95	cps
Yttrium	89-2	4239906	4250877	4224027	4238270	0.32	cps
Zinc	66-2	3472352	3460034	3375820	3436069	1.53	cps
Zirconium	90-1	7633018	7734567	7399072	7588886	2.27	cps
Zirconium	91-1	1697697	1733210	1694319	1708409	1.26	cps

LB Number : LB120754 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired : 2022-06-18 17:04:20 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3588976	3628193	3601122	3606097	0.56	cps
Antimony	121-1	7589661	7723511	7662928	7658700	0.88	cps
Arsenic	75-2	417255	419992	413819	417022	0.74	cps
Barium	135-1	9792199	9780278	9702160	9758212	0.50	cps
Barium	137-1	17120867	17207041	17025401	17117769	0.53	cps
Beryllium	9-1	1645874	1641637	1637091	1641534	0.27	cps
Bismuth	209-1	10610832	10571226	10710209	10630756	0.67	cps
Bismuth	209-2	8057386	8293166	8209834	8186796	1.46	cps
Boron	10-1	450307	472333	490843	471161	4.31	cps
Boron	11-1	2121971	2192901	2322423	2212432	4.59	cps
Bromine	81-1	12581	11680	11538	11933	4.74	cps
Bromine	81-2	40	50	80	57	36.74	cps
Cadmium	111-1	2168199	2169042	2182653	2173298	0.37	cps
Cadmium	106-1	244495	244325	247179	245333	0.65	cps
Cadmium	108-1	167414	170672	169756	169281	0.99	cps
Calcium	43-1	2856851	2820932	2806950	2828244	0.91	cps
Calcium	44-1	37049161	36383189	35820099	36417483	1.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3371029	3450115	3342074	3387740	1.65	cps
Cobalt	59-2	5257034	5339807	5250122	5282321	0.94	cps
Copper	63-2	36911821	37243362	36623904	36926363	0.84	cps
Dysprosium	156-1	450	467	458	458	1.82	cps
Dysprosium	156-2	360	453	483	432	14.88	cps
Erbium	164-1	233	183	133	183	27.27	cps
Erbium	164-2	143	160	197	167	16.37	cps
Gadolinium	160-1	250	308	242	267	13.62	cps
Gadolinium	160-2	500	490	537	509	4.83	cps
Holmium	165-1	16466695	16431429	16600365	16499496	0.54	cps
Holmium	165-2	10930895	11039955	10996720	10989190	0.50	cps
Indium	115-1	11987824	11945731	11884886	11939480	0.43	cps
Indium	115-2	4023042	4034808	3955710	4004520	1.07	cps
Iron	56-2	159212959	161332898	158191631	159579163	1.00	cps
Iron	57-2	3943750	3922484	3933558	3933264	0.27	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 17:04:20	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	8660704	8791515	8696186	8716135	0.78	cps
Krypton	83-1	1627	1560	1580	1589	2.15	cps
Lead	206-1	36032851	36723094	37088272	36614739	1.46	cps
Lead	207-1	30900039	31398833	31429256	31242709	0.95	cps
Lead	208-1	142490072	145025542	145495076	144336897	1.12	cps
Lithium	6-1	3483764	3372467	3472568	3442933	1.78	cps
Magnesium	24-2	32636618	33111251	32881814	32876561	0.72	cps
Manganese	55-2	26056180	26586562	25889973	26177572	1.39	cps
Molybdenum	94-1	28690693	28542048	28426940	28553227	0.46	cps
Molybdenum	95-1	40847797	40636873	40515924	40666864	0.41	cps
Molybdenum	96-1	44004061	43963152	44480573	44149262	0.65	cps
Molybdenum	97-1	24993379	24977555	25488235	25153057	1.15	cps
Molybdenum	98-1	66147997	64929591	65629416	65569001	0.93	cps
Neodymium	150-1	860	700	620	727	16.82	cps
Neodymium	150-2	197	177	203	192	7.22	cps
Nickel	60-2	1322318	1326954	1322139	1323804	0.21	cps
Phosphorus	31-2	178751	183298	179011	180353	1.42	cps
Potassium	39-2	17121644	17354595	17115171	17197137	0.79	cps
Rhodium	103-1	10986433	10738680	10716714	10813942	1.39	cps
Rhodium	103-2	6603236	6541899	6476947	6540694	0.97	cps
Scandium	45-1	8260594	7957415	7954346	8057452	2.18	cps
Scandium	45-2	605660	609096	606022	606926	0.31	cps
Selenium	82-1	161375	162192	160729	161432	0.45	cps
Selenium	77-2	12949	13029	12846	12941	0.71	cps
Selenium	78-2	44301	44713	44022	44346	0.78	cps
Silicon	28-1	58009201	56477291	57498439	57328310	1.36	cps
Silver	107-1	9947038	10135120	10095180	10059113	0.99	cps
Silver	109-1	9408709	9438120	9494085	9446971	0.46	cps
Sodium	23-2	54698655	55200721	54811753	54903710	0.48	cps
Strontium	86-1	68827829	68995349	69227229	69016802	0.29	cps
Strontium	88-1	593446763	595824880	598502763	595924802	0.42	cps
Sulfur	34-1	1262193	1240232	1257020	1253148	0.92	cps
Terbium	159-1	17157822	16904745	17022777	17028448	0.74	cps
Terbium	159-2	11020653	11065380	10886492	10990841	0.85	cps
Thallium	203-1	8662614	8789084	8799420	8750373	0.87	cps
Thallium	205-1	20652524	21003218	21162312	20939351	1.25	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 17:04:20	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	30754896	31911506	31412573	31359658	1.85	cps
Tin	118-1	6671655	6751087	6713448	6712064	0.59	cps
Titanium	47-1	11638545	11390916	11446729	11492063	1.13	cps
Uranium	238-1	26997996	27336433	27249409	27194613	0.65	cps
Vanadium	51-2	2938429	2996407	2924129	2952988	1.30	cps
Yttrium	89-1	17949203	17541490	17572088	17687594	1.28	cps
Yttrium	89-2	4131611	4124178	4065865	4107218	0.88	cps
Zinc	66-2	6405806	6490123	6364189	6420039	1.00	cps
Zirconium	90-1	14572348	14407488	14545188	14508342	0.61	cps
Zirconium	91-1	3307489	3301569	3298910	3302656	0.13	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 17:07:08	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19101763	19191903	19376998	19223554	0.73	cps
Antimony	121-1	20649	20231	20557	20479	1.07	cps
Arsenic	75-2	811	852	794	819	3.61	cps
Barium	135-1	19581	19939	19072	19530	2.23	cps
Barium	137-1	34651	36030	35320	35334	1.95	cps
Beryllium	9-1	2797	2970	2890	2886	3.01	cps
Bismuth	209-1	9145646	9210455	9060795	9138965	0.82	cps
Bismuth	209-2	7396168	7450779	7343888	7396945	0.72	cps
Boron	10-1	21148	18987	17727	19287	8.97	cps
Boron	11-1	102529	92106	84580	93072	9.68	cps
Bromine	81-1	12030	12631	12589	12417	2.70	cps
Bromine	81-2	170	80	180	143	38.43	cps
Cadmium	111-1	7070	6910	6798	6926	1.97	cps
Cadmium	106-1	7027	6710	6785	6841	2.42	cps
Cadmium	108-1	404	313	346	354	13.10	cps
Calcium	43-1	11792101	12150786	12093675	12012187	1.60	cps
Calcium	44-1	184060639	189784774	191355199	188400204	2.04	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16549	16829	16933	16771	1.18	cps
Cobalt	59-2	24433	24630	24917	24660	0.99	cps
Copper	63-2	63846	65201	64897	64648	1.10	cps
Dysprosium	156-1	1000	1125	1033	1053	6.15	cps
Dysprosium	156-2	607	510	633	583	11.12	cps
Erbium	164-1	192	108	150	150	27.78	cps
Erbium	164-2	140	150	113	134	14.10	cps
Gadolinium	160-1	800	825	733	786	6.03	cps
Gadolinium	160-2	717	833	750	767	7.84	cps
Holmium	165-1	15357134	15346916	15639952	15448000	1.08	cps
Holmium	165-2	10653834	10865529	10491779	10670381	1.76	cps
Indium	115-1	10869140	10963683	11169668	11000830	1.40	cps
Indium	115-2	3872424	3882229	3959785	3904813	1.23	cps
Iron	56-2	817431863	818812818	822089841	819444841	0.29	cps
Iron	57-2	20118565	20440253	20302930	20287249	0.80	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 17:07:08	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	43235329	43560390	44666919	43820879	1.71	cps
Krypton	83-1	1730	1707	1743	1727	1.07	cps
Lead	206-1	58157	58894	58230	58427	0.69	cps
Lead	207-1	47507	47713	47356	47526	0.38	cps
Lead	208-1	225938	227098	223759	225599	0.75	cps
Lithium	6-1	3192665	3164016	3204332	3187004	0.65	cps
Magnesium	24-2	176886915	179838460	177857748	178194374	0.84	cps
Manganese	55-2	67912	68140	67956	68003	0.18	cps
Molybdenum	94-1	52813	50430	51383	51542	2.33	cps
Molybdenum	95-1	71735	72003	70404	71380	1.20	cps
Molybdenum	96-1	82181	82457	83254	82631	0.67	cps
Molybdenum	97-1	43022	44844	44117	43995	2.08	cps
Molybdenum	98-1	114413	115875	110072	113453	2.66	cps
Neodymium	150-1	93	100	73	89	15.61	cps
Neodymium	150-2	70	50	87	69	26.65	cps
Nickel	60-2	7125	7112	7075	7104	0.36	cps
Phosphorus	31-2	633	567	683	628	9.32	cps
Potassium	39-2	91626919	93084673	94268692	92993428	1.42	cps
Rhodium	103-1	9680050	9914083	9811322	9801818	1.20	cps
Rhodium	103-2	6172436	6235774	6242721	6216977	0.62	cps
Scandium	45-1	7568681	7677906	7786501	7677696	1.42	cps
Scandium	45-2	647086	655993	654575	652551	0.73	cps
Selenium	82-1	228	318	250	265	17.81	cps
Selenium	77-2	17	43	23	28	49.95	cps
Selenium	78-2	265	256	294	272	7.48	cps
Silicon	28-1	987601	1166304	1196356	1116753	10.11	cps
Silver	107-1	17311	18621	17903	17945	3.66	cps
Silver	109-1	15867	17327	16785	16660	4.43	cps
Sodium	23-2	289478318	288155679	293846895	290493631	1.03	cps
Strontium	86-1	101114	103287	104065	102822	1.49	cps
Strontium	88-1	861051	884716	881411	875726	1.46	cps
Sulfur	34-1	277937	281153	279200	279430	0.58	cps
Terbium	159-1	15809483	16059292	15874132	15914302	0.81	cps
Terbium	159-2	10698721	10811552	10679156	10729810	0.67	cps
Thallium	203-1	16143	16385	15968	16166	1.30	cps
Thallium	205-1	38029	37218	38105	37784	1.30	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 17:07:08	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	43580	43089	42644	43104	1.09	cps
Tin	118-1	19814	19388	20081	19761	1.77	cps
Titanium	47-1	19138	19113	20339	19530	3.59	cps
Uranium	238-1	38635	38651	39403	38896	1.13	cps
Vanadium	51-2	5941	6375	5951	6089	4.06	cps
Yttrium	89-1	16087775	16652020	16634300	16458032	1.95	cps
Yttrium	89-2	4100980	4122270	4190625	4137958	1.13	cps
Zinc	66-2	20301	20808	19960	20356	2.10	cps
Zirconium	90-1	29038	31009	29923	29990	3.29	cps
Zirconium	91-1	6835	7335	7127	7099	3.54	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	ICV32	Instrumnet Name :	P7
Client Sample ID :	ICV32	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:10:42	DataFile Name :	011ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	114081	112974	111742	112932	1.04	cps
Antimony	121-1	1752730	1771695	1767086	1763837	0.56	cps
Arsenic	75-2	107090	104665	104419	105391	1.40	cps
Barium	135-1	217158	222286	223316	220920	1.49	cps
Barium	137-1	382674	385465	391298	386479	1.14	cps
Beryllium	9-1	193273	192696	194080	193350	0.36	cps
Bismuth	209-1	11149342	11030276	11116189	11098602	0.55	cps
Bismuth	209-2	9032241	8982896	8997589	9004242	0.28	cps
Boron	10-1	1292	1217	1433	1314	8.37	cps
Boron	11-1	6368	6301	6485	6385	1.45	cps
Bromine	81-1	14566	14608	14457	14544	0.53	cps
Bromine	81-2	50	50	80	60	28.87	cps
Cadmium	111-1	251402	254405	255187	253665	0.79	cps
Cadmium	106-1	28629	29280	28712	28874	1.23	cps
Cadmium	108-1	23523	24141	23816	23827	1.30	cps
Calcium	43-1	70715	69811	68019	69515	1.97	cps
Calcium	44-1	927273	939877	913745	926965	1.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	447227	442011	434782	441340	1.42	cps
Cobalt	59-2	688990	683464	682070	684841	0.53	cps
Copper	63-2	474417	475270	466212	471966	1.06	cps
Dysprosium	156-1	100	67	83	83	20.00	cps
Dysprosium	156-2	27	40	17	28	42.13	cps
Erbium	164-1	192	150	150	164	14.68	cps
Erbium	164-2	77	123	77	92	29.22	cps
Gadolinium	160-1	133	83	108	108	23.08	cps
Gadolinium	160-2	360	433	350	381	11.94	cps
Holmium	165-1	17248106	17233333	17451032	17310824	0.70	cps
Holmium	165-2	11907112	11952672	11836865	11898883	0.49	cps
Indium	115-1	13750113	13742283	13577951	13690115	0.71	cps
Indium	115-2	4710745	4753562	4719734	4728014	0.48	cps
Iron	56-2	7822152	7695546	7600925	7706208	1.44	cps
Iron	57-2	200657	198792	197847	199099	0.72	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	ICV32	Instrumnet Name :	P7
Client Sample ID :	ICV32	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:10:42	DataFile Name :	011ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	462585	453816	450651	455684	1.36	cps
Krypton	83-1	1827	1927	1870	1875	2.68	cps
Lead	206-1	1498060	1536967	1543193	1526073	1.60	cps
Lead	207-1	1177336	1188179	1201635	1189050	1.02	cps
Lead	208-1	5969423	6056899	6093441	6039921	1.06	cps
Lithium	6-1	3808366	3779213	3799420	3795667	0.39	cps
Magnesium	24-2	491181	481698	479596	484159	1.27	cps
Manganese	55-2	324873	322229	318244	321782	1.04	cps
Molybdenum	94-1	13550572	13772077	13521973	13614874	1.01	cps
Molybdenum	95-1	23603121	24443504	23919303	23988643	1.77	cps
Molybdenum	96-1	25055608	25686494	25367689	25369930	1.24	cps
Molybdenum	97-1	14654163	14946623	14841448	14814078	1.00	cps
Molybdenum	98-1	38100591	38649522	38431056	38393723	0.72	cps
Neodymium	150-1	33	13	13	20	57.74	cps
Neodymium	150-2	0	7	17	8	107.84	cps
Nickel	60-2	187605	187098	186393	187032	0.33	cps
Phosphorus	31-2	517	408	592	506	18.23	cps
Potassium	39-2	982425	963966	954813	967068	1.45	cps
Rhodium	103-1	13044690	13059076	12975054	13026273	0.34	cps
Rhodium	103-2	7845475	7910461	7784962	7846966	0.80	cps
Scandium	45-1	9300615	9319016	9131018	9250216	1.12	cps
Scandium	45-2	754538	745699	735290	745175	1.29	cps
Selenium	82-1	37202	37861	37831	37632	0.99	cps
Selenium	77-2	3377	3377	3330	3362	0.80	cps
Selenium	78-2	11699	11560	11317	11525	1.68	cps
Silicon	28-1	492041	545352	583299	540230	8.49	cps
Silver	107-1	579604	590968	586448	585673	0.98	cps
Silver	109-1	535262	550596	556403	547420	2.00	cps
Sodium	23-2	1366686	1323329	1361437	1350484	1.75	cps
Strontium	86-1	1576119	1618128	1576901	1590383	1.51	cps
Strontium	88-1	13630712	13739188	13625987	13665296	0.47	cps
Sulfur	34-1	340185	338542	338048	338925	0.33	cps
Terbium	159-1	17742913	17870897	17783115	17798975	0.37	cps
Terbium	159-2	11906946	11816966	11744919	11822944	0.69	cps
Thallium	203-1	1975330	1981545	1997891	1984922	0.59	cps
Thallium	205-1	4702832	4746501	4736286	4728540	0.48	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	ICV32	Instrumnet Name :	P7
Client Sample ID :	ICV32	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:10:42	DataFile Name :	011ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	756	661	611	676	10.85	cps
Tin	118-1	8144	8228	8628	8333	3.10	cps
Titanium	47-1	6588736	6672679	6598420	6619945	0.69	cps
Uranium	238-1	14341264	14602032	14536854	14493383	0.94	cps
Vanadium	51-2	367906	363389	361270	364188	0.93	cps
Yttrium	89-1	19821634	20204976	19839452	19955354	1.08	cps
Yttrium	89-2	4786349	4763591	4720293	4756744	0.71	cps
Zinc	66-2	170380	170629	169878	170296	0.22	cps
Zirconium	90-1	2734	2434	2517	2561	6.05	cps
Zirconium	91-1	783	767	675	742	7.87	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:19:49	DataFile Name :	012LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5123	5340	5129	5197	2.38	cps
Antimony	121-1	17645	17962	17177	17595	2.24	cps
Arsenic	75-2	550	589	580	573	3.55	cps
Barium	135-1	20791	21483	21283	21186	1.68	cps
Barium	137-1	36506	37692	38093	37431	2.21	cps
Beryllium	9-1	2060	2074	1960	2031	3.05	cps
Bismuth	209-1	11108218	10945613	11174816	11076216	1.06	cps
Bismuth	209-2	8939732	8945372	8963270	8949458	0.14	cps
Boron	10-1	6510	7194	6818	6841	5.00	cps
Boron	11-1	30589	32109	33729	32142	4.89	cps
Bromine	81-1	14725	14633	14799	14719	0.57	cps
Bromine	81-2	60	40	120	73	56.77	cps
Cadmium	111-1	6001	5884	6088	5991	1.71	cps
Cadmium	106-1	7252	7502	7402	7385	1.71	cps
Cadmium	108-1	217	188	242	215	12.59	cps
Calcium	43-1	15191	15667	15709	15522	1.85	cps
Calcium	44-1	251416	250604	252587	251536	0.40	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10153	9957	9800	9970	1.78	cps
Cobalt	59-2	7078	7292	7415	7262	2.35	cps
Copper	63-2	10677	10711	10607	10665	0.49	cps
Dysprosium	156-1	42	8	8	19	99.00	cps
Dysprosium	156-2	0	13	7	7	99.98	cps
Erbium	164-1	150	150	133	144	6.66	cps
Erbium	164-2	80	87	97	88	9.56	cps
Gadolinium	160-1	67	83	100	83	20.00	cps
Gadolinium	160-2	373	350	340	354	4.83	cps
Holmium	165-1	17422724	17311282	17452863	17395623	0.43	cps
Holmium	165-2	11954655	11804972	11939157	11899595	0.69	cps
Indium	115-1	13740739	13721631	13645876	13702749	0.37	cps
Indium	115-2	4876392	4805432	4810757	4830860	0.82	cps
Iron	56-2	217154	216706	219703	217854	0.74	cps
Iron	57-2	5685	5857	5801	5781	1.52	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:19:49	DataFile Name :	012LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	12919	13029	13129	13026	0.81	cps
Krypton	83-1	2070	1717	1930	1906	9.34	cps
Lead	206-1	7624	7502	7335	7487	1.94	cps
Lead	207-1	5863	5907	5968	5913	0.90	cps
Lead	208-1	28496	28268	28635	28466	0.65	cps
Lithium	6-1	3699566	3697766	3708126	3701819	0.15	cps
Magnesium	24-2	217087	214305	214778	215390	0.69	cps
Manganese	55-2	3584	3610	3520	3572	1.29	cps
Molybdenum	94-1	19271	19830	20490	19864	3.07	cps
Molybdenum	95-1	23678	24129	24321	24043	1.37	cps
Molybdenum	96-1	26383	26383	27301	26689	1.99	cps
Molybdenum	97-1	14516	15459	14416	14797	3.89	cps
Molybdenum	98-1	38619	39212	37900	38577	1.70	cps
Neodymium	150-1	7	13	40	20	88.19	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	1980	1850	1903	1911	3.42	cps
Phosphorus	31-2	575	508	575	553	6.96	cps
Potassium	39-2	287979	286331	291848	288719	0.98	cps
Rhodium	103-1	13076306	12893276	13132292	13033958	0.96	cps
Rhodium	103-2	8207638	8082631	8008731	8099667	1.24	cps
Scandium	45-1	9470479	9359922	9433678	9421360	0.60	cps
Scandium	45-2	784509	765025	778629	776054	1.29	cps
Selenium	82-1	624	1036	883	848	24.53	cps
Selenium	77-2	80	83	77	80	4.16	cps
Selenium	78-2	565	543	522	543	3.92	cps
Silicon	28-1	365667	370934	373057	369886	1.03	cps
Silver	107-1	9103	10537	10888	10176	9.29	cps
Silver	109-1	8603	9345	9670	9206	5.94	cps
Sodium	23-2	364529	364306	362943	363926	0.24	cps
Strontium	86-1	5535	6543	6568	6215	9.49	cps
Strontium	88-1	28253	27384	28236	27958	1.78	cps
Sulfur	34-1	350776	352984	354271	352677	0.50	cps
Terbium	159-1	17692440	17859687	17731440	17761189	0.49	cps
Terbium	159-2	12080014	11807616	12003066	11963565	1.17	cps
Thallium	203-1	8753	8736	8745	8745	0.10	cps
Thallium	205-1	20925	20424	20616	20655	1.22	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:19:49	DataFile Name :	012LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	25448	25693	25887	25676	0.86	cps
Tin	118-1	39639	39814	39840	39764	0.28	cps
Titanium	47-1	7160	7235	7060	7152	1.23	cps
Uranium	238-1	23664	24541	23873	24026	1.91	cps
Vanadium	51-2	18822	18508	18435	18588	1.11	cps
Yttrium	89-1	20046993	19873230	20078538	19999587	0.55	cps
Yttrium	89-2	4919406	4913944	4854915	4896088	0.73	cps
Zinc	66-2	2404	2290	2357	2350	2.42	cps
Zirconium	90-1	16326	16501	17102	16643	2.45	cps
Zirconium	91-1	3934	3659	3692	3762	3.99	cps

LB Number : LB120754 Operator : Jaswal
 Lab Sample ID : ICB32 Instrumnet Name : P7
 Client Sample ID : ICB32 Dilution Factor : 1
 Date & Time Acquired : 2022-06-18 18:22:51 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	389	411	428	409	4.77	cps
Antimony	121-1	242	250	300	264	11.96	cps
Arsenic	75-2	11	13	11	12	9.11	cps
Barium	135-1	42	58	50	50	16.67	cps
Barium	137-1	75	117	75	89	27.07	cps
Beryllium	9-1	17	50	23	30	58.79	cps
Bismuth	209-1	11061453	11048820	10960702	11023658	0.50	cps
Bismuth	209-2	8861937	8935091	8921209	8906079	0.44	cps
Boron	10-1	1042	1008	950	1000	4.64	cps
Boron	11-1	4726	4734	4818	4759	1.07	cps
Bromine	81-1	15075	14591	13949	14538	3.89	cps
Bromine	81-2	60	70	100	77	27.16	cps
Cadmium	111-1	3767	3589	3341	3566	5.99	cps
Cadmium	106-1	7544	7219	6760	7174	5.49	cps
Cadmium	108-1	25	42	79	49	57.07	cps
Calcium	43-1	192	242	150	194	23.60	cps
Calcium	44-1	7580	7596	8240	7805	4.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1410	1423	1337	1390	3.36	cps
Cobalt	59-2	70	103	67	80	25.35	cps
Copper	63-2	807	830	840	826	2.07	cps
Dysprosium	156-1	25	17	0	14	91.65	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	108	142	125	125	13.33	cps
Erbium	164-2	90	77	57	74	22.53	cps
Gadolinium	160-1	50	92	117	86	39.11	cps
Gadolinium	160-2	390	407	370	389	4.72	cps
Holmium	165-1	17585750	17517772	17271841	17458454	0.95	cps
Holmium	165-2	11718255	11816143	11575702	11703367	1.03	cps
Indium	115-1	13770835	13681321	13509107	13653754	0.97	cps
Indium	115-2	4740561	4748806	4752876	4747414	0.13	cps
Iron	56-2	13284	14357	13968	13870	3.92	cps
Iron	57-2	511	589	494	532	9.48	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	ICB32	Instrumnet Name :	P7
Client Sample ID :	ICB32	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:22:51	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1271	1572	1361	1402	11.00	cps
Krypton	83-1	1870	2060	2107	2012	6.23	cps
Lead	206-1	322	272	322	306	9.45	cps
Lead	207-1	317	322	256	298	12.41	cps
Lead	208-1	1278	1378	1383	1346	4.41	cps
Lithium	6-1	3750093	3783167	3728943	3754068	0.73	cps
Magnesium	24-2	483	622	717	607	19.32	cps
Manganese	55-2	217	213	170	200	13.02	cps
Molybdenum	94-1	317	525	425	422	24.68	cps
Molybdenum	95-1	292	342	317	317	7.89	cps
Molybdenum	96-1	442	375	508	442	15.09	cps
Molybdenum	97-1	167	217	183	189	13.48	cps
Molybdenum	98-1	583	517	625	575	9.50	cps
Neodymium	150-1	20	7	7	11	69.25	cps
Neodymium	150-2	13	3	3	7	86.65	cps
Nickel	60-2	70	70	70	70	0.00	cps
Phosphorus	31-2	258	267	300	275	8.02	cps
Potassium	39-2	57099	56012	56196	56436	1.03	cps
Rhodium	103-1	13181681	13117343	12874363	13057796	1.24	cps
Rhodium	103-2	7964851	8114790	7981396	8020346	1.03	cps
Scandium	45-1	9337738	9454797	9262301	9351612	1.04	cps
Scandium	45-2	772825	773782	774256	773621	0.09	cps
Selenium	82-1	47	-96	-80	-43	-183.56	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	246	256	248	250	1.96	cps
Silicon	28-1	324045	326377	327856	326093	0.59	cps
Silver	107-1	392	475	425	431	9.74	cps
Silver	109-1	458	425	375	419	10.00	cps
Sodium	23-2	21677	21738	21894	21769	0.51	cps
Strontium	86-1	2967	3292	3275	3178	5.76	cps
Strontium	88-1	567	575	450	531	13.17	cps
Sulfur	34-1	348800	349918	345522	348080	0.66	cps
Terbium	159-1	18064412	17850524	17871141	17928692	0.66	cps
Terbium	159-2	11781647	11973098	11624521	11793089	1.48	cps
Thallium	203-1	208	225	250	228	9.21	cps
Thallium	205-1	425	492	517	478	9.92	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	ICB32	Instrumnet Name :	P7
Client Sample ID :	ICB32	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:22:51	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	444	567	428	480	15.81	cps
Tin	118-1	758	825	708	764	7.66	cps
Titanium	47-1	200	208	292	233	21.72	cps
Uranium	238-1	125	267	133	175	45.43	cps
Vanadium	51-2	3	20	3	9	108.30	cps
Yttrium	89-1	19853814	20030283	19468484	19784194	1.45	cps
Yttrium	89-2	4802748	4887845	4839200	4843264	0.88	cps
Zinc	66-2	480	407	490	459	9.91	cps
Zirconium	90-1	783	767	850	800	5.51	cps
Zirconium	91-1	100	192	117	136	35.87	cps

LB Number : LB120754 Operator : Jaswal
 Lab Sample ID : ICSA32 Instrumnet Name : P7
 Client Sample ID : ICSA32 Dilution Factor : 1
 Date & Time Acquired : 2022-06-18 18:25:47 DataFile Name : 014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18699151	18579959	18759869	18679660	0.49	cps
Antimony	121-1	8795	8995	9053	8947	1.52	cps
Arsenic	75-2	156	141	135	144	7.32	cps
Barium	135-1	2700	3092	2992	2928	6.95	cps
Barium	137-1	5359	5268	5293	5307	0.89	cps
Beryllium	9-1	550	540	563	551	2.12	cps
Bismuth	209-1	10412784	10465397	10493368	10457183	0.39	cps
Bismuth	209-2	8225381	8290023	8217410	8244271	0.48	cps
Boron	10-1	883	850	908	881	3.32	cps
Boron	11-1	4692	4417	4492	4534	3.14	cps
Bromine	81-1	14065	14683	14449	14399	2.16	cps
Bromine	81-2	190	190	220	200	8.66	cps
Cadmium	111-1	4831	4368	4682	4627	5.11	cps
Cadmium	106-1	6777	6026	6752	6518	6.54	cps
Cadmium	108-1	2125	2163	2071	2120	2.17	cps
Calcium	43-1	2596970	2594469	2607946	2599795	0.28	cps
Calcium	44-1	41142681	41039618	40827510	41003270	0.39	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	73806	74801	75575	74727	1.19	cps
Cobalt	59-2	7188	7068	7255	7171	1.32	cps
Copper	63-2	30267	30441	30742	30483	0.79	cps
Dysprosium	156-1	67	33	33	44	43.31	cps
Dysprosium	156-2	30	40	37	36	14.32	cps
Erbium	164-1	175	92	150	139	30.79	cps
Erbium	164-2	117	110	110	112	3.43	cps
Gadolinium	160-1	83	158	133	125	30.55	cps
Gadolinium	160-2	383	383	420	396	5.35	cps
Holmium	165-1	16428569	17027052	17151324	16868982	2.29	cps
Holmium	165-2	11484294	11414295	11610072	11502887	0.86	cps
Indium	115-1	12507994	12435029	12553164	12498729	0.48	cps
Indium	115-2	4332034	4282919	4313467	4309473	0.58	cps
Iron	56-2	339789008	338314730	336892619	338332119	0.43	cps
Iron	57-2	8427923	8459907	8359818	8415883	0.61	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	ICSA32	Instrumnet Name :	P7
Client Sample ID :	ICSA32	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:25:47	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	18331451	18379252	18495642	18402115	0.46	cps
Krypton	83-1	1697	1733	1660	1697	2.16	cps
Lead	206-1	33185	33202	33152	33180	0.08	cps
Lead	207-1	23794	24601	24723	24373	2.07	cps
Lead	208-1	116215	119239	119423	118293	1.52	cps
Lithium	6-1	3596893	3569733	3502149	3556259	1.37	cps
Magnesium	24-2	34859658	34566288	35128383	34851443	0.81	cps
Manganese	55-2	22176	23001	22711	22629	1.85	cps
Molybdenum	94-1	4780075	4765799	4730511	4758795	0.54	cps
Molybdenum	95-1	8309924	8242403	8258609	8270312	0.43	cps
Molybdenum	96-1	8784546	8858784	8760301	8801210	0.58	cps
Molybdenum	97-1	5107694	5144304	5149687	5133895	0.45	cps
Molybdenum	98-1	13264676	13294101	13223841	13260873	0.27	cps
Neodymium	150-1	27	53	40	40	33.33	cps
Neodymium	150-2	23	17	33	24	34.31	cps
Nickel	60-2	8126	7872	8116	8038	1.79	cps
Phosphorus	31-2	982119	962874	976111	973701	1.01	cps
Potassium	39-2	36936442	36748048	37241625	36975372	0.67	cps
Rhodium	103-1	11418286	11354054	11329122	11367154	0.40	cps
Rhodium	103-2	6941328	7024667	6985454	6983816	0.60	cps
Scandium	45-1	8507927	8317631	8442342	8422633	1.15	cps
Scandium	45-2	667471	667094	668255	667606	0.09	cps
Selenium	82-1	74	-21	-5	16	315.68	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	185	224	189	199	10.77	cps
Silicon	28-1	374800	365736	370838	370458	1.23	cps
Silver	107-1	1550	1158	817	1175	31.23	cps
Silver	109-1	1658	1025	942	1208	32.44	cps
Sodium	23-2	58682469	58026658	58728042	58479056	0.67	cps
Strontium	86-1	103749	100198	102019	101989	1.74	cps
Strontium	88-1	858640	864195	860194	861010	0.33	cps
Sulfur	34-1	4902945	4802773	4798276	4834665	1.22	cps
Terbium	159-1	17268362	17479340	17646155	17464619	1.08	cps
Terbium	159-2	11481572	11390917	11517436	11463308	0.57	cps
Thallium	203-1	1233	1633	1575	1481	14.60	cps
Thallium	205-1	2900	3334	3851	3362	14.15	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	ICSA32	Instrumnet Name :	P7
Client Sample ID :	ICSA32	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:25:47	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	517	478	478	491	4.58	cps
Tin	118-1	3117	3159	3292	3189	2.87	cps
Titanium	47-1	2432987	2463252	2447289	2447843	0.62	cps
Uranium	238-1	442	475	483	467	4.73	cps
Vanadium	51-2	603	570	600	591	3.11	cps
Yttrium	89-1	18587703	18315492	18429476	18444224	0.74	cps
Yttrium	89-2	4422782	4380902	4492358	4432014	1.27	cps
Zinc	66-2	8289	8119	8286	8231	1.18	cps
Zirconium	90-1	950	842	967	920	7.38	cps
Zirconium	91-1	158	125	133	139	12.49	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	ICSAB32	Instrumnet Name :	P7
Client Sample ID :	ICSAB32	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:28:34	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19358331	19710033	19134103	19400822	1.50	cps
Antimony	121-1	177876	178719	180527	179040	0.76	cps
Arsenic	75-2	9744	9609	9449	9601	1.54	cps
Barium	135-1	45456	44721	46000	45392	1.41	cps
Barium	137-1	80595	79507	79757	79953	0.71	cps
Beryllium	9-1	36429	36620	37021	36690	0.82	cps
Bismuth	209-1	10918412	10710958	10652705	10760692	1.30	cps
Bismuth	209-2	8426321	8458309	8463054	8449228	0.24	cps
Boron	10-1	13681	13940	14465	14029	2.85	cps
Boron	11-1	66577	68117	68862	67852	1.72	cps
Bromine	81-1	14082	13915	14399	14132	1.74	cps
Bromine	81-2	250	150	190	197	25.59	cps
Cadmium	111-1	50409	48807	50837	50018	2.14	cps
Cadmium	106-1	13365	13165	12989	13173	1.43	cps
Cadmium	108-1	6147	5860	6026	6011	2.40	cps
Calcium	43-1	2714771	2681819	2683974	2693522	0.68	cps
Calcium	44-1	41990736	42950234	42876549	42605839	1.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	155961	158353	155691	156668	0.94	cps
Cobalt	59-2	128747	129405	128235	128796	0.46	cps
Copper	63-2	113252	114612	112627	113497	0.89	cps
Dysprosium	156-1	50	58	50	53	9.12	cps
Dysprosium	156-2	47	33	27	36	28.64	cps
Erbium	164-1	233	167	208	203	16.61	cps
Erbium	164-2	137	80	117	111	25.87	cps
Gadolinium	160-1	142	167	117	142	17.65	cps
Gadolinium	160-2	330	370	327	342	7.05	cps
Holmium	165-1	17635371	17634266	17492704	17587447	0.47	cps
Holmium	165-2	11675534	11844089	11617183	11712269	1.01	cps
Indium	115-1	12707361	12764916	12833381	12768553	0.49	cps
Indium	115-2	4316461	4359526	4370903	4348963	0.66	cps
Iron	56-2	353391597	352056719	348096263	351181526	0.78	cps
Iron	57-2	8722971	8741077	8632175	8698741	0.67	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	ICSAB32	Instrumnet Name :	P7
Client Sample ID :	ICSAB32	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:28:34	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	19092071	19390956	19088400	19190476	0.90	cps
Krypton	83-1	1670	1673	1660	1668	0.42	cps
Lead	206-1	177745	179967	179910	179207	0.71	cps
Lead	207-1	140832	140417	141332	140860	0.33	cps
Lead	208-1	667068	663398	670480	666982	0.53	cps
Lithium	6-1	3575122	3588076	3512403	3558534	1.14	cps
Magnesium	24-2	36206229	36452766	35842469	36167155	0.85	cps
Manganese	55-2	80567	81328	80263	80719	0.68	cps
Molybdenum	94-1	5248260	5358980	5358096	5321779	1.20	cps
Molybdenum	95-1	8832462	8858918	9000416	8897265	1.01	cps
Molybdenum	96-1	9351814	9523566	9529788	9468389	1.07	cps
Molybdenum	97-1	5373258	5450017	5477786	5433687	1.00	cps
Molybdenum	98-1	14191122	14238706	14360999	14263609	0.61	cps
Neodymium	150-1	7	40	67	38	79.57	cps
Neodymium	150-2	17	17	20	18	10.81	cps
Nickel	60-2	39124	39064	38717	38968	0.56	cps
Phosphorus	31-2	1005642	1022511	1015161	1014438	0.83	cps
Potassium	39-2	37715543	38444144	38234574	38131420	0.98	cps
Rhodium	103-1	11646985	11599070	11575629	11607228	0.31	cps
Rhodium	103-2	7011964	7072968	7057371	7047435	0.45	cps
Scandium	45-1	8476256	8622478	8601709	8566814	0.92	cps
Scandium	45-2	676769	681552	677778	678700	0.37	cps
Selenium	82-1	3264	3246	3438	3316	3.20	cps
Selenium	77-2	293	320	293	302	5.09	cps
Selenium	78-2	1100	1100	1252	1151	7.62	cps
Silicon	28-1	669743	670167	679346	673085	0.81	cps
Silver	107-1	208339	212908	214573	211940	1.52	cps
Silver	109-1	193598	199299	200205	197701	1.81	cps
Sodium	23-2	60697539	61657122	60184461	60846374	1.23	cps
Strontium	86-1	268731	269409	264819	267653	0.93	cps
Strontium	88-1	2258811	2292646	2279066	2276841	0.75	cps
Sulfur	34-1	4954770	4988977	4961159	4968302	0.37	cps
Terbium	159-1	17835333	18119936	17919792	17958354	0.81	cps
Terbium	159-2	11735550	11806095	11651823	11731156	0.66	cps
Thallium	203-1	176793	180025	178030	178283	0.91	cps
Thallium	205-1	422197	427440	424627	424755	0.62	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	ICSAB32	Instrumnet Name :	P7
Client Sample ID :	ICSAB32	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:28:34	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	444	394	489	443	10.68	cps
Tin	118-1	386270	396203	398102	393525	1.61	cps
Titanium	47-1	2554297	2587548	2594287	2578711	0.83	cps
Uranium	238-1	1548013	1510484	1515388	1524628	1.34	cps
Vanadium	51-2	65973	66435	66683	66364	0.54	cps
Yttrium	89-1	18827652	19100939	18764955	18897849	0.95	cps
Yttrium	89-2	4442784	4534418	4511301	4496168	1.06	cps
Zinc	66-2	24343	24310	24453	24369	0.31	cps
Zirconium	90-1	843412	856159	857398	852323	0.91	cps
Zirconium	91-1	194649	197146	197826	196540	0.85	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P7
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:31:23	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10057801	10026452	10130417	10071557	0.53	cps
Antimony	121-1	4075843	4174172	4128514	4126176	1.19	cps
Arsenic	75-2	222861	220770	221273	221634	0.49	cps
Barium	135-1	5025362	5067006	5104296	5065555	0.78	cps
Barium	137-1	8849197	8917389	8927006	8897864	0.48	cps
Beryllium	9-1	839870	851180	853961	848337	0.88	cps
Bismuth	209-1	10325062	10152385	10373804	10283750	1.13	cps
Bismuth	209-2	8088001	7963150	8012349	8021167	0.78	cps
Boron	10-1	215953	229866	233437	226419	4.08	cps
Boron	11-1	1028486	1060232	1095123	1061280	3.14	cps
Bromine	81-1	13156	12189	13598	12981	5.55	cps
Bromine	81-2	40	60	140	80	66.15	cps
Cadmium	111-1	1152800	1171161	1188097	1170686	1.51	cps
Cadmium	106-1	128860	133687	132610	131719	1.92	cps
Cadmium	108-1	87043	89981	89265	88763	1.73	cps
Calcium	43-1	6644270	6795981	6718902	6719718	1.13	cps
Calcium	44-1	100375191	101674213	102301177	101450194	0.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1872252	1883247	1887262	1880920	0.41	cps
Cobalt	59-2	2893607	2884243	2839384	2872411	1.01	cps
Copper	63-2	20672095	20494335	20551346	20572592	0.44	cps
Dysprosium	156-1	608	567	633	603	5.59	cps
Dysprosium	156-2	420	427	500	449	9.89	cps
Erbium	164-1	225	333	242	267	21.88	cps
Erbium	164-2	147	133	163	148	10.17	cps
Gadolinium	160-1	617	600	450	556	16.52	cps
Gadolinium	160-2	607	623	540	590	7.48	cps
Holmium	165-1	17042150	17286481	17200183	17176271	0.72	cps
Holmium	165-2	11498839	11379715	11657729	11512095	1.21	cps
Indium	115-1	12290132	12386144	12357063	12344446	0.40	cps
Indium	115-2	4140093	4215707	4248321	4201373	1.32	cps
Iron	56-2	435150710	435174243	435328621	435217858	0.02	cps
Iron	57-2	10800681	10805592	10725870	10777381	0.41	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P7
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:31:23	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	23727939	23459313	23579022	23588758	0.57	cps
Krypton	83-1	1713	1853	1677	1748	5.33	cps
Lead	206-1	18206494	18291485	18298216	18265398	0.28	cps
Lead	207-1	15303687	15475322	15505956	15428321	0.71	cps
Lead	208-1	70653335	71454341	71661898	71256525	0.75	cps
Lithium	6-1	3425330	3499889	3473736	3466318	1.09	cps
Magnesium	24-2	94113122	93698335	94108035	93973164	0.25	cps
Manganese	55-2	14254967	14159675	14299262	14237968	0.50	cps
Molybdenum	94-1	14965030	15026845	15258525	15083467	1.03	cps
Molybdenum	95-1	21281400	21506124	21560393	21449306	0.69	cps
Molybdenum	96-1	23044711	23312182	23521093	23292662	1.03	cps
Molybdenum	97-1	13100818	13161835	13227765	13163473	0.48	cps
Molybdenum	98-1	34529662	34649901	34405346	34528303	0.35	cps
Neodymium	150-1	393	507	500	467	13.63	cps
Neodymium	150-2	77	93	113	94	19.44	cps
Nickel	60-2	762020	761482	765426	762976	0.28	cps
Phosphorus	31-2	101947	100873	101578	101466	0.54	cps
Potassium	39-2	48666264	49072069	48849979	48862771	0.42	cps
Rhodium	103-1	10991170	11068982	11039139	11033097	0.36	cps
Rhodium	103-2	6772405	6778774	6902554	6817911	1.08	cps
Scandium	45-1	8280144	8404154	8384016	8356104	0.80	cps
Scandium	45-2	680653	688979	682998	684210	0.63	cps
Selenium	82-1	85626	87205	87530	86787	1.17	cps
Selenium	77-2	7289	7008	7299	7198	2.29	cps
Selenium	78-2	24934	25073	24971	24993	0.29	cps
Silicon	28-1	28439725	29277603	29294724	29004017	1.69	cps
Silver	107-1	5322663	5499167	5474417	5432082	1.76	cps
Silver	109-1	5041127	5224073	5157407	5140869	1.80	cps
Sodium	23-2	154350859	153633798	153060076	153681578	0.42	cps
Strontium	86-1	35135154	35967474	35929196	35677274	1.32	cps
Strontium	88-1	307953599	313905365	310980049	310946338	0.96	cps
Sulfur	34-1	725404	735300	737436	732713	0.88	cps
Terbium	159-1	17380254	17580717	17304658	17421876	0.82	cps
Terbium	159-2	11523839	11257825	11578029	11453231	1.50	cps
Thallium	203-1	4351322	4445001	4365145	4387156	1.15	cps
Thallium	205-1	10448622	10459168	10409761	10439184	0.25	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P7
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:31:23	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	15504957	15623869	15692036	15606954	0.61	cps
Tin	118-1	3459364	3508602	3527305	3498424	1.00	cps
Titanium	47-1	5889214	6024701	6012296	5975404	1.25	cps
Uranium	238-1	13577549	13609843	13550984	13579459	0.22	cps
Vanadium	51-2	1631503	1641874	1653423	1642267	0.67	cps
Yttrium	89-1	18313259	18578362	18346107	18412576	0.78	cps
Yttrium	89-2	4401230	4390112	4444593	4411979	0.65	cps
Zinc	66-2	3576522	3569125	3559852	3568500	0.23	cps
Zirconium	90-1	7587846	7702105	7648070	7646007	0.75	cps
Zirconium	91-1	1715472	1730561	1733686	1726573	0.56	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CCB39	Instrumnet Name :	P7
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:38:57	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	439	511	444	465	8.65	cps
Antimony	121-1	958	775	883	872	10.57	cps
Arsenic	75-2	11	9	6	9	32.69	cps
Barium	135-1	92	67	58	72	24.02	cps
Barium	137-1	267	67	125	153	67.32	cps
Beryllium	9-1	67	53	97	72	30.73	cps
Bismuth	209-1	11335047	11233964	11396318	11321776	0.72	cps
Bismuth	209-2	9005248	9116301	9034780	9052110	0.64	cps
Boron	10-1	1992	2159	1975	2042	4.97	cps
Boron	11-1	9420	9220	9578	9406	1.91	cps
Bromine	81-1	14299	14007	14174	14160	1.03	cps
Bromine	81-2	120	70	80	90	29.40	cps
Cadmium	111-1	3105	3319	3259	3228	3.41	cps
Cadmium	106-1	6177	6602	6493	6424	3.44	cps
Cadmium	108-1	54	29	25	36	43.68	cps
Calcium	43-1	633	542	633	603	8.78	cps
Calcium	44-1	15057	14876	14246	14726	2.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1413	1463	1497	1458	2.88	cps
Cobalt	59-2	170	163	137	157	11.26	cps
Copper	63-2	1027	1017	1097	1047	4.16	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	7	13	3	8	65.47	cps
Erbium	164-1	67	158	108	111	41.31	cps
Erbium	164-2	77	67	117	87	30.53	cps
Gadolinium	160-1	100	58	92	83	26.46	cps
Gadolinium	160-2	347	343	377	356	5.16	cps
Holmium	165-1	17734042	17534852	17460183	17576359	0.81	cps
Holmium	165-2	11878499	11977759	11856423	11904227	0.54	cps
Indium	115-1	13588203	13541440	13478087	13535910	0.41	cps
Indium	115-2	4773325	4716181	4666524	4718677	1.13	cps
Iron	56-2	18011	17944	18523	18159	1.74	cps
Iron	57-2	528	550	528	535	2.40	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CCB39	Instrumnet Name :	P7
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:38:57	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1241	1652	1722	1538	16.87	cps
Krypton	83-1	1947	1917	1773	1879	4.93	cps
Lead	206-1	1517	1395	1467	1459	4.21	cps
Lead	207-1	1272	1233	1167	1224	4.36	cps
Lead	208-1	6012	5401	5617	5677	5.46	cps
Lithium	6-1	3754753	3667209	3769078	3730347	1.48	cps
Magnesium	24-2	1622	1756	1856	1745	6.71	cps
Manganese	55-2	310	290	273	291	6.31	cps
Molybdenum	94-1	700	608	592	633	9.21	cps
Molybdenum	95-1	517	525	525	522	0.92	cps
Molybdenum	96-1	667	508	608	594	13.47	cps
Molybdenum	97-1	267	317	317	300	9.62	cps
Molybdenum	98-1	1142	792	725	886	25.26	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	73	110	50	78	38.89	cps
Phosphorus	31-2	242	350	258	283	20.59	cps
Potassium	39-2	51454	52457	51019	51644	1.43	cps
Rhodium	103-1	12744319	12937174	12664981	12782158	1.10	cps
Rhodium	103-2	7915672	7891127	7878740	7895180	0.24	cps
Scandium	45-1	8981867	8905070	8914193	8933710	0.47	cps
Scandium	45-2	721250	723533	714530	719771	0.65	cps
Selenium	82-1	-145	-103	-13	-87	-77.79	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	222	170	200	198	13.17	cps
Silicon	28-1	281202	282687	280725	281538	0.36	cps
Silver	107-1	458	392	442	431	8.06	cps
Silver	109-1	325	242	342	303	17.69	cps
Sodium	23-2	35692	34361	34745	34932	1.96	cps
Strontium	86-1	3117	3209	3225	3184	1.83	cps
Strontium	88-1	4292	4051	3601	3981	8.82	cps
Sulfur	34-1	301310	301761	303124	302065	0.31	cps
Terbium	159-1	18190162	17994468	17851293	18011975	0.94	cps
Terbium	159-2	11776052	12062926	11856041	11898340	1.24	cps
Thallium	203-1	1033	1075	1117	1075	3.88	cps
Thallium	205-1	2442	2417	2650	2503	5.12	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CCB39	Instrumnet Name :	P7
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:38:57	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	694	617	606	639	7.58	cps
Tin	118-1	2242	2267	2409	2306	3.90	cps
Titanium	47-1	250	208	150	203	24.77	cps
Uranium	238-1	175	183	183	181	2.66	cps
Vanadium	51-2	43	17	30	30	44.43	cps
Yttrium	89-1	19749514	19629433	19469853	19616267	0.72	cps
Yttrium	89-2	4740181	4652656	4703127	4698655	0.94	cps
Zinc	66-2	480	370	473	441	13.98	cps
Zirconium	90-1	1025	992	942	986	4.25	cps
Zirconium	91-1	217	233	192	214	9.81	cps

LB Number : LB120754 Operator : Jaswal
 Lab Sample ID : PBW Instrumnet Name : P7
 Client Sample ID : PBW Dilution Factor : 1
 Date & Time Acquired : 2022-06-18 18:52:58 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	389	383	333	369	8.30	cps
Antimony	121-1	167	192	192	183	7.87	cps
Arsenic	75-2	4	4	7	5	43.39	cps
Barium	135-1	58	58	17	44	54.12	cps
Barium	137-1	83	58	75	72	17.63	cps
Beryllium	9-1	27	30	43	33	26.45	cps
Bismuth	209-1	11507059	11476319	11423603	11468994	0.37	cps
Bismuth	209-2	9069849	9282693	9234243	9195595	1.21	cps
Boron	10-1	1233	1175	1192	1200	2.50	cps
Boron	11-1	5993	6518	5268	5926	10.60	cps
Bromine	81-1	14607	15250	15242	15033	2.45	cps
Bromine	81-2	90	100	150	113	28.37	cps
Cadmium	111-1	3333	3544	3394	3424	3.16	cps
Cadmium	106-1	6693	7127	6835	6885	3.21	cps
Cadmium	108-1	38	58	46	47	22.20	cps
Calcium	43-1	483	450	575	503	12.87	cps
Calcium	44-1	14485	14461	14262	14402	0.85	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1310	1423	1447	1393	5.25	cps
Cobalt	59-2	110	140	113	121	13.58	cps
Copper	63-2	777	827	807	803	3.13	cps
Dysprosium	156-1	33	17	8	19	65.47	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	58	142	125	108	40.71	cps
Erbium	164-2	87	73	100	87	15.39	cps
Gadolinium	160-1	183	108	92	128	38.21	cps
Gadolinium	160-2	380	377	370	376	1.36	cps
Holmium	165-1	18014611	17695230	17799351	17836397	0.91	cps
Holmium	165-2	12180494	12156932	12069681	12135703	0.48	cps
Indium	115-1	13929367	13829518	13748140	13835675	0.66	cps
Indium	115-2	4833287	4803434	4869858	4835526	0.69	cps
Iron	56-2	14896	13962	13996	14285	3.71	cps
Iron	57-2	522	400	456	459	13.33	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P7
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:52:58	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1442	1582	1201	1408	13.66	cps
Krypton	83-1	1987	1950	1953	1963	1.03	cps
Lead	206-1	483	506	494	494	2.25	cps
Lead	207-1	389	356	289	344	14.78	cps
Lead	208-1	2033	1756	1783	1857	8.24	cps
Lithium	6-1	3676916	3748732	3794213	3739954	1.58	cps
Magnesium	24-2	917	928	872	906	3.25	cps
Manganese	55-2	193	157	200	183	12.73	cps
Molybdenum	94-1	267	283	400	317	22.94	cps
Molybdenum	95-1	142	158	133	144	8.81	cps
Molybdenum	96-1	167	192	267	208	24.98	cps
Molybdenum	97-1	67	75	92	78	16.37	cps
Molybdenum	98-1	275	208	267	250	14.53	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	3	7	10	7	50.03	cps
Nickel	60-2	93	90	53	79	28.14	cps
Phosphorus	31-2	208	308	383	300	29.27	cps
Potassium	39-2	53051	54666	54540	54086	1.66	cps
Rhodium	103-1	13221016	13074832	13151942	13149264	0.56	cps
Rhodium	103-2	8102860	8130160	8177654	8136891	0.47	cps
Scandium	45-1	9261614	9244629	9397130	9301124	0.90	cps
Scandium	45-2	770695	760249	767930	766291	0.71	cps
Selenium	82-1	-57	-87	-4	-49	-85.29	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	269	241	243	251	6.20	cps
Silicon	28-1	295320	294326	293069	294238	0.38	cps
Silver	107-1	475	558	508	514	8.16	cps
Silver	109-1	450	367	433	417	10.58	cps
Sodium	23-2	26490	26968	26985	26814	1.05	cps
Strontium	86-1	2867	3109	3184	3053	5.42	cps
Strontium	88-1	1400	1333	1225	1320	6.69	cps
Sulfur	34-1	328453	327948	331820	329407	0.64	cps
Terbium	159-1	18583221	18128161	18232448	18314610	1.30	cps
Terbium	159-2	12154671	12176152	12035118	12121980	0.63	cps
Thallium	203-1	683	642	633	653	4.10	cps
Thallium	205-1	1458	1308	1350	1372	5.64	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P7
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:52:58	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	589	506	406	500	18.36	cps
Tin	118-1	1875	2192	2300	2122	10.41	cps
Titanium	47-1	167	183	217	189	13.48	cps
Uranium	238-1	67	83	50	67	25.00	cps
Vanadium	51-2	27	20	17	21	24.12	cps
Yttrium	89-1	20230456	19924891	20040750	20065365	0.77	cps
Yttrium	89-2	4893371	4871233	4902517	4889040	0.33	cps
Zinc	66-2	400	433	433	422	4.56	cps
Zirconium	90-1	717	758	825	767	7.13	cps
Zirconium	91-1	133	217	208	186	24.66	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P7
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:55:51	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9175	9898	9725	9599	3.93	cps
Antimony	121-1	34601	35069	34726	34798	0.70	cps
Arsenic	75-2	1019	1050	1030	1033	1.55	cps
Barium	135-1	42690	42130	40742	41854	2.40	cps
Barium	137-1	72594	74068	72150	72937	1.38	cps
Beryllium	9-1	3727	3434	3574	3578	4.10	cps
Bismuth	209-1	10080708	11255858	11355839	10897468	6.51	cps
Bismuth	209-2	9448794	9282714	9155927	9295811	1.58	cps
Boron	10-1	12205	13156	13765	13042	6.03	cps
Boron	11-1	58854	61882	63740	61492	4.01	cps
Bromine	81-1	14808	15208	15317	15111	1.77	cps
Bromine	81-2	90	110	110	103	11.17	cps
Cadmium	111-1	7974	8548	8292	8271	3.48	cps
Cadmium	106-1	7052	8069	7577	7566	6.72	cps
Cadmium	108-1	438	408	388	411	6.11	cps
Calcium	43-1	29696	30682	31057	30478	2.31	cps
Calcium	44-1	488951	485802	479125	484626	1.04	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19776	19516	19359	19551	1.08	cps
Cobalt	59-2	14234	14197	14003	14145	0.87	cps
Copper	63-2	20588	19740	20130	20153	2.11	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Dysprosium	156-2	10	13	10	11	17.30	cps
Erbium	164-1	92	175	183	150	33.79	cps
Erbium	164-2	90	123	90	101	19.04	cps
Gadolinium	160-1	75	58	108	81	31.60	cps
Gadolinium	160-2	397	320	373	363	10.82	cps
Holmium	165-1	15901154	17608226	17935061	17148147	6.37	cps
Holmium	165-2	12283568	12379607	12145132	12269436	0.96	cps
Indium	115-1	12284050	13901621	13959744	13381805	7.11	cps
Indium	115-2	4797985	4888466	4899907	4862120	1.15	cps
Iron	56-2	1567374	1555311	1539362	1554016	0.90	cps
Iron	57-2	39753	39145	39691	39530	0.85	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P7
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:55:51	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	90028	88720	90995	89915	1.27	cps
Krypton	83-1	1997	1903	2110	2003	5.17	cps
Lead	206-1	15153	14869	14730	14918	1.44	cps
Lead	207-1	12545	12067	11800	12137	3.11	cps
Lead	208-1	58262	56959	56386	57202	1.68	cps
Lithium	6-1	3362160	3711319	3781313	3618264	6.21	cps
Magnesium	24-2	411753	415893	409315	412320	0.81	cps
Manganese	55-2	6852	6842	6525	6739	2.76	cps
Molybdenum	94-1	18604	18470	18187	18420	1.16	cps
Molybdenum	95-1	10804	10946	11071	10941	1.22	cps
Molybdenum	96-1	13582	12981	13365	13309	2.29	cps
Molybdenum	97-1	6635	6510	6752	6632	1.82	cps
Molybdenum	98-1	16284	17795	16960	17013	4.45	cps
Neodymium	150-1	27	13	20	20	33.35	cps
Neodymium	150-2	10	7	13	10	33.30	cps
Nickel	60-2	3811	3994	3821	3875	2.66	cps
Phosphorus	31-2	325	442	300	356	21.27	cps
Potassium	39-2	505553	508826	506227	506869	0.34	cps
Rhodium	103-1	11677636	12986686	13210262	12624861	6.56	cps
Rhodium	103-2	8110352	8228973	8310803	8216709	1.23	cps
Scandium	45-1	8148426	9345460	9380789	8958225	7.83	cps
Scandium	45-2	774633	771900	770350	772295	0.28	cps
Selenium	82-1	1608	1704	1496	1603	6.49	cps
Selenium	77-2	187	153	163	168	10.19	cps
Selenium	78-2	852	817	844	838	2.21	cps
Silicon	28-1	415528	410668	409575	411924	0.77	cps
Silver	107-1	20190	20557	21775	20840	3.98	cps
Silver	109-1	18854	20148	20482	19828	4.33	cps
Sodium	23-2	677128	679284	682224	679545	0.38	cps
Strontium	86-1	9136	9829	9820	9595	4.14	cps
Strontium	88-1	57873	56827	56576	57092	1.20	cps
Sulfur	34-1	332343	332324	335916	333528	0.62	cps
Terbium	159-1	16247606	18200978	18377631	17608738	6.71	cps
Terbium	159-2	12207754	12289603	12167533	12221630	0.51	cps
Thallium	203-1	17336	17796	17712	17615	1.39	cps
Thallium	205-1	43228	41933	42701	42621	1.53	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P7
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:55:51	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	54673	55014	55248	54978	0.53	cps
Tin	118-1	2617	2809	2459	2628	6.67	cps
Titanium	47-1	12931	13164	13531	13209	2.29	cps
Uranium	238-1	48300	49479	48795	48858	1.21	cps
Vanadium	51-2	35849	36949	37089	36629	1.85	cps
Yttrium	89-1	17627629	19888244	20292697	19269523	7.45	cps
Yttrium	89-2	4933719	4967252	4951423	4950798	0.34	cps
Zinc	66-2	8619	8432	8603	8551	1.21	cps
Zirconium	90-1	33238	33046	33339	33208	0.45	cps
Zirconium	91-1	7435	7869	7736	7680	2.89	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	WATER MDL-6	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-6	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:58:46	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2522	2522	2445	2497	1.80	cps
Antimony	121-1	7419	8011	7786	7738	3.86	cps
Arsenic	75-2	265	246	244	252	4.47	cps
Barium	135-1	9287	8528	9337	9050	5.01	cps
Barium	137-1	16410	15350	16301	16021	3.64	cps
Beryllium	9-1	810	827	887	841	4.79	cps
Bismuth	209-1	10978767	11349491	11474509	11267589	2.29	cps
Bismuth	209-2	9174200	9214513	9239904	9209539	0.36	cps
Boron	10-1	4001	3851	4192	4014	4.27	cps
Boron	11-1	17836	19871	19563	19090	5.75	cps
Bromine	81-1	15458	14716	14416	14863	3.61	cps
Bromine	81-2	90	50	110	83	36.66	cps
Cadmium	111-1	4766	4668	4769	4734	1.22	cps
Cadmium	106-1	7202	7260	7586	7349	2.81	cps
Cadmium	108-1	125	117	133	125	6.67	cps
Calcium	43-1	6910	7219	7235	7121	2.57	cps
Calcium	44-1	115760	117665	119661	117695	1.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5261	5444	5201	5302	2.39	cps
Cobalt	59-2	3214	3020	3147	3127	3.14	cps
Copper	63-2	5004	5051	4951	5002	1.00	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	13	13	13	13	0.00	cps
Erbium	164-1	92	150	125	122	23.95	cps
Erbium	164-2	90	67	87	81	15.56	cps
Gadolinium	160-1	83	108	108	100	14.43	cps
Gadolinium	160-2	347	397	387	377	7.02	cps
Holmium	165-1	17121548	17875165	18050888	17682533	2.79	cps
Holmium	165-2	12167398	12149860	12311056	12209438	0.72	cps
Indium	115-1	13531301	13888677	14175081	13865020	2.33	cps
Indium	115-2	4875597	4897708	4959439	4910915	0.88	cps
Iron	56-2	365237	358755	364055	362682	0.95	cps
Iron	57-2	9203	8986	9086	9092	1.19	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	WATER MDL-6	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-6	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:58:46	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	20305	20485	20896	20562	1.47	cps
Krypton	83-1	1907	1910	1950	1922	1.25	cps
Lead	206-1	3489	3617	3528	3545	1.85	cps
Lead	207-1	2661	2878	2861	2800	4.31	cps
Lead	208-1	13281	14020	13870	13723	2.85	cps
Lithium	6-1	3560498	3666138	3703390	3643342	2.03	cps
Magnesium	24-2	91973	90788	92381	91714	0.90	cps
Manganese	55-2	1603	1510	1707	1607	6.12	cps
Molybdenum	94-1	4026	4026	4101	4051	1.07	cps
Molybdenum	95-1	2342	2225	2134	2234	4.68	cps
Molybdenum	96-1	3084	3059	2825	2989	4.77	cps
Molybdenum	97-1	1258	1475	1525	1420	9.99	cps
Molybdenum	98-1	3751	4034	3884	3890	3.65	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	950	1010	883	948	6.69	cps
Phosphorus	31-2	308	317	358	328	8.17	cps
Potassium	39-2	153965	152905	157020	154630	1.38	cps
Rhodium	103-1	12669770	13352324	13334673	13118922	2.97	cps
Rhodium	103-2	8195094	8263239	8313803	8257379	0.72	cps
Scandium	45-1	9030846	9354233	9333870	9239650	1.96	cps
Scandium	45-2	777480	773600	782286	777789	0.56	cps
Selenium	82-1	323	306	521	383	31.08	cps
Selenium	77-2	57	40	30	42	31.91	cps
Selenium	78-2	346	374	344	355	4.68	cps
Silicon	28-1	328446	322914	325845	325735	0.85	cps
Silver	107-1	4567	4959	4893	4806	4.36	cps
Silver	109-1	4251	4142	4801	4398	8.03	cps
Sodium	23-2	171808	170697	170590	171032	0.39	cps
Strontium	86-1	4601	4668	5134	4801	6.06	cps
Strontium	88-1	13198	13306	13623	13376	1.65	cps
Sulfur	34-1	334394	336693	337246	336111	0.45	cps
Terbium	159-1	17801703	18370140	18577588	18249810	2.20	cps
Terbium	159-2	12203998	12198647	12225854	12209500	0.12	cps
Thallium	203-1	4334	4209	4484	4342	3.17	cps
Thallium	205-1	9837	9870	10179	9962	1.89	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	WATER MDL-6	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-6	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 18:58:46	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	12128	12017	12629	12258	2.66	cps
Tin	118-1	2084	2500	2300	2295	9.08	cps
Titanium	47-1	3050	3225	2742	3006	8.14	cps
Uranium	238-1	10530	10563	10571	10555	0.21	cps
Vanadium	51-2	8009	7865	8019	7964	1.08	cps
Yttrium	89-1	19499409	20064061	20452000	20005157	2.39	cps
Yttrium	89-2	4962818	4910016	4961986	4944940	0.61	cps
Zinc	66-2	2294	2144	2210	2216	3.39	cps
Zirconium	90-1	7352	7744	7836	7644	3.36	cps
Zirconium	91-1	1842	1733	1667	1747	5.06	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	WATER MDL-7	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-7	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 19:01:39	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2239	2300	2328	2289	1.99	cps
Antimony	121-1	6518	7752	7911	7394	10.31	cps
Arsenic	75-2	244	252	209	235	9.68	cps
Barium	135-1	8494	9370	9470	9112	5.89	cps
Barium	137-1	16476	16744	17052	16757	1.72	cps
Beryllium	9-1	817	937	827	860	7.74	cps
Bismuth	209-1	10746234	11339813	11427453	11171167	3.32	cps
Bismuth	209-2	9006559	9228269	9181130	9138653	1.28	cps
Boron	10-1	3525	3859	3984	3789	6.25	cps
Boron	11-1	17435	17777	17819	17677	1.19	cps
Bromine	81-1	16176	15241	15417	15611	3.18	cps
Bromine	81-2	100	40	70	70	42.86	cps
Cadmium	111-1	4743	4814	5008	4855	2.83	cps
Cadmium	106-1	7460	7702	7911	7691	2.93	cps
Cadmium	108-1	129	158	138	142	10.61	cps
Calcium	43-1	7285	7302	6885	7157	3.30	cps
Calcium	44-1	117106	118573	119912	118530	1.18	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5601	5581	5454	5546	1.43	cps
Cobalt	59-2	3160	3060	3240	3154	2.86	cps
Copper	63-2	5331	5058	4894	5094	4.33	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	10	20	3	11	75.52	cps
Erbium	164-1	108	150	217	158	34.51	cps
Erbium	164-2	100	83	100	94	10.19	cps
Gadolinium	160-1	117	183	133	144	24.02	cps
Gadolinium	160-2	423	367	413	401	7.54	cps
Holmium	165-1	17088169	18108363	17977152	17724561	3.13	cps
Holmium	165-2	11988015	12227351	12364490	12193286	1.56	cps
Indium	115-1	13258380	14263419	14132149	13884650	3.93	cps
Indium	115-2	4905837	4858794	4915203	4893278	0.62	cps
Iron	56-2	367494	368749	371035	369093	0.49	cps
Iron	57-2	9159	8769	9681	9203	4.97	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	WATER MDL-7	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-7	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 19:01:39	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	22199	20796	20906	21300	3.66	cps
Krypton	83-1	1963	2070	2027	2020	2.66	cps
Lead	206-1	3428	3812	3739	3660	5.57	cps
Lead	207-1	2889	2667	2934	2830	5.05	cps
Lead	208-1	13353	13570	14170	13697	3.09	cps
Lithium	6-1	3575047	3747200	3673102	3665117	2.36	cps
Magnesium	24-2	94958	93583	94886	94475	0.82	cps
Manganese	55-2	1540	1677	1687	1635	5.01	cps
Molybdenum	94-1	3992	4251	4209	4151	3.34	cps
Molybdenum	95-1	2325	2425	2375	2375	2.11	cps
Molybdenum	96-1	3334	3192	3325	3284	2.42	cps
Molybdenum	97-1	1542	1667	1525	1578	4.91	cps
Molybdenum	98-1	3859	3734	4101	3898	4.78	cps
Neodymium	150-1	0	27	20	16	89.22	cps
Neodymium	150-2	0	0	10	3	173.21	cps
Nickel	60-2	807	900	1017	908	11.59	cps
Phosphorus	31-2	283	325	283	297	8.09	cps
Potassium	39-2	156616	156616	159505	157579	1.06	cps
Rhodium	103-1	12590046	13305759	13506369	13134058	3.67	cps
Rhodium	103-2	8290030	8213095	8299294	8267473	0.57	cps
Scandium	45-1	8960874	9354569	9513768	9276404	3.07	cps
Scandium	45-2	779327	774730	777126	777061	0.30	cps
Selenium	82-1	402	304	355	354	13.85	cps
Selenium	77-2	27	47	27	33	34.64	cps
Selenium	78-2	402	404	357	388	6.76	cps
Silicon	28-1	327939	332905	331245	330696	0.76	cps
Silver	107-1	3767	4809	5343	4640	17.27	cps
Silver	109-1	3584	4526	4868	4326	15.37	cps
Sodium	23-2	173111	173078	172989	173059	0.04	cps
Strontium	86-1	4759	4834	4809	4801	0.80	cps
Strontium	88-1	13723	13190	13765	13559	2.37	cps
Sulfur	34-1	345408	341616	342158	343061	0.60	cps
Terbium	159-1	17637048	18407656	18692673	18245792	2.99	cps
Terbium	159-2	12136326	12093045	12256518	12161963	0.70	cps
Thallium	203-1	4151	4309	4376	4279	2.70	cps
Thallium	205-1	9862	10446	10746	10351	4.34	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	WATER MDL-7	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-7	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 19:01:39	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	12323	12534	12668	12508	1.39	cps
Tin	118-1	2300	2475	2317	2364	4.09	cps
Titanium	47-1	2792	3059	2950	2934	4.57	cps
Uranium	238-1	10613	10721	11656	10997	5.21	cps
Vanadium	51-2	8162	8116	8536	8271	2.78	cps
Yttrium	89-1	19341850	20450126	20451756	20081244	3.19	cps
Yttrium	89-2	4996188	4939979	5009327	4981831	0.74	cps
Zinc	66-2	2087	2244	2387	2239	6.70	cps
Zirconium	90-1	7936	7786	7661	7794	1.77	cps
Zirconium	91-1	1792	1792	1733	1772	1.90	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	WATER BLANK-7	Instrumnet Name :	P7
Client Sample ID :	WATER BLANK-7	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 19:04:34	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	289	428	333	350	20.27	cps
Antimony	121-1	92	117	125	111	15.61	cps
Arsenic	75-2	4	2	7	4	65.54	cps
Barium	135-1	8	25	42	25	66.68	cps
Barium	137-1	92	67	42	67	37.50	cps
Beryllium	9-1	33	27	27	29	13.31	cps
Bismuth	209-1	11006259	11548641	11403644	11319515	2.48	cps
Bismuth	209-2	9187561	9145812	9230850	9188075	0.46	cps
Boron	10-1	1017	1133	867	1006	13.29	cps
Boron	11-1	4751	4843	5151	4915	4.27	cps
Bromine	81-1	15817	16051	14850	15573	4.09	cps
Bromine	81-2	140	70	140	117	34.64	cps
Cadmium	111-1	3607	3687	3509	3601	2.48	cps
Cadmium	106-1	7260	7394	7069	7241	2.26	cps
Cadmium	108-1	46	50	54	50	8.34	cps
Calcium	43-1	525	558	425	503	13.80	cps
Calcium	44-1	13924	14356	13965	14082	1.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1340	1527	1313	1393	8.34	cps
Cobalt	59-2	153	170	123	149	15.88	cps
Copper	63-2	753	663	757	724	7.31	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	183	150	183	172	11.18	cps
Erbium	164-2	67	107	107	93	24.74	cps
Gadolinium	160-1	108	83	117	103	16.88	cps
Gadolinium	160-2	363	347	360	357	2.47	cps
Holmium	165-1	17529629	17947414	18125977	17867673	1.71	cps
Holmium	165-2	12222833	12370171	12401377	12331461	0.77	cps
Indium	115-1	13726843	14308820	14228204	14087956	2.24	cps
Indium	115-2	5032519	5032356	5007631	5024169	0.29	cps
Iron	56-2	13262	13567	13156	13328	1.60	cps
Iron	57-2	417	561	578	519	17.09	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	WATER BLANK-7	Instrumnet Name :	P7
Client Sample ID :	WATER BLANK-7	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 19:04:34	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1341	1522	1301	1388	8.45	cps
Krypton	83-1	1870	2023	1860	1918	4.77	cps
Lead	206-1	300	300	250	283	10.19	cps
Lead	207-1	267	222	278	256	11.50	cps
Lead	208-1	1289	1167	1195	1217	5.27	cps
Lithium	6-1	3583201	3687373	3713933	3661502	1.89	cps
Magnesium	24-2	728	706	644	693	6.23	cps
Manganese	55-2	150	207	187	181	15.87	cps
Molybdenum	94-1	292	217	317	275	18.93	cps
Molybdenum	95-1	58	33	58	50	28.87	cps
Molybdenum	96-1	183	108	142	144	26.01	cps
Molybdenum	97-1	42	58	58	53	18.23	cps
Molybdenum	98-1	67	100	108	92	24.05	cps
Neodymium	150-1	20	7	20	16	49.47	cps
Neodymium	150-2	13	7	13	11	34.61	cps
Nickel	60-2	87	80	90	86	5.95	cps
Phosphorus	31-2	250	292	292	278	8.66	cps
Potassium	39-2	54172	56263	54850	55095	1.94	cps
Rhodium	103-1	13139678	13458751	13240492	13279641	1.23	cps
Rhodium	103-2	8391756	8328612	8455233	8391867	0.75	cps
Scandium	45-1	9257074	9532365	9580068	9456502	1.84	cps
Scandium	45-2	794505	787664	792983	791717	0.45	cps
Selenium	82-1	25	-88	161	33	378.89	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	226	235	261	241	7.57	cps
Silicon	28-1	306296	302464	304192	304317	0.63	cps
Silver	107-1	400	317	475	397	19.94	cps
Silver	109-1	350	342	275	322	12.76	cps
Sodium	23-2	26245	25538	25132	25638	2.20	cps
Strontium	86-1	2825	3267	3309	3134	8.55	cps
Strontium	88-1	742	933	858	844	11.44	cps
Sulfur	34-1	342876	339248	337869	339998	0.76	cps
Terbium	159-1	18002317	18672299	18803363	18492659	2.32	cps
Terbium	159-2	12323758	12231732	12423032	12326174	0.78	cps
Thallium	203-1	400	292	492	394	25.38	cps
Thallium	205-1	808	750	800	786	4.01	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	WATER BLANK-7	Instrumnet Name :	P7
Client Sample ID :	WATER BLANK-7	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 19:04:34	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	372	522	628	507	25.31	cps
Tin	118-1	2425	2300	2517	2414	4.51	cps
Titanium	47-1	158	183	183	175	8.25	cps
Uranium	238-1	17	17	50	28	69.27	cps
Vanadium	51-2	10	0	7	6	91.64	cps
Yttrium	89-1	19917571	20614661	20274944	20269059	1.72	cps
Yttrium	89-2	5053962	4992536	5079230	5041910	0.88	cps
Zinc	66-2	443	387	417	416	6.82	cps
Zirconium	90-1	750	875	750	792	9.12	cps
Zirconium	91-1	125	200	142	156	25.32	cps

LB Number : LB120754 Operator : Jaswal
 Lab Sample ID : PBS Instrumnet Name : P7
 Client Sample ID : PBS Dilution Factor : 1
 Date & Time Acquired : 2022-06-18 19:07:26 DataFile Name : 025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	339	339	394	357	8.97	cps
Antimony	121-1	75	175	75	108	53.30	cps
Arsenic	75-2	7	7	7	7	0.00	cps
Barium	135-1	25	67	42	44	47.19	cps
Barium	137-1	92	58	33	61	47.90	cps
Beryllium	9-1	37	37	20	31	30.93	cps
Bismuth	209-1	11092546	11320188	11363560	11258765	1.29	cps
Bismuth	209-2	9195054	9261465	9188477	9214998	0.44	cps
Boron	10-1	808	958	967	911	9.78	cps
Boron	11-1	4326	4134	3992	4151	4.03	cps
Bromine	81-1	16009	15784	14991	15595	3.43	cps
Bromine	81-2	50	170	110	110	54.55	cps
Cadmium	111-1	3517	3525	3575	3539	0.89	cps
Cadmium	106-1	7052	7052	7219	7108	1.35	cps
Cadmium	108-1	25	38	67	43	49.66	cps
Calcium	43-1	450	600	542	531	14.25	cps
Calcium	44-1	13822	14081	13890	13931	0.96	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1340	1457	1510	1436	6.06	cps
Cobalt	59-2	143	127	133	134	6.24	cps
Copper	63-2	650	733	780	721	9.13	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	10	7	10	9	21.63	cps
Erbium	164-1	117	142	100	119	17.56	cps
Erbium	164-2	57	100	70	76	29.37	cps
Gadolinium	160-1	92	83	133	103	26.06	cps
Gadolinium	160-2	363	367	373	368	1.38	cps
Holmium	165-1	17544937	17900156	17800000	17748364	1.03	cps
Holmium	165-2	12181657	12397831	12321332	12300273	0.89	cps
Indium	115-1	14074346	14253664	14191467	14173159	0.64	cps
Indium	115-2	4945906	5023148	4996231	4988428	0.79	cps
Iron	56-2	13651	13478	13351	13493	1.12	cps
Iron	57-2	456	506	489	483	5.27	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P7
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 19:07:26	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1412	1301	1472	1395	6.19	cps
Krypton	83-1	1990	2033	1927	1983	2.70	cps
Lead	206-1	306	267	322	298	9.56	cps
Lead	207-1	317	317	294	309	4.15	cps
Lead	208-1	1317	1217	1389	1307	6.62	cps
Lithium	6-1	3655274	3692848	3640328	3662817	0.74	cps
Magnesium	24-2	583	767	761	704	14.82	cps
Manganese	55-2	210	210	213	211	0.91	cps
Molybdenum	94-1	358	292	183	278	31.80	cps
Molybdenum	95-1	67	33	100	67	50.00	cps
Molybdenum	96-1	142	133	183	153	17.53	cps
Molybdenum	97-1	67	25	33	42	52.92	cps
Molybdenum	98-1	75	92	117	94	22.21	cps
Neodymium	150-1	20	20	20	20	0.00	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	60	80	100	80	25.00	cps
Phosphorus	31-2	292	225	383	300	26.50	cps
Potassium	39-2	56146	56564	55828	56179	0.66	cps
Rhodium	103-1	13141731	13545371	13559443	13415515	1.77	cps
Rhodium	103-2	8313838	8367526	8367667	8349677	0.37	cps
Scandium	45-1	9503005	9704134	9596199	9601113	1.05	cps
Scandium	45-2	795114	798275	794363	795917	0.26	cps
Selenium	82-1	-106	-73	67	-37	-246.86	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	256	235	209	233	9.95	cps
Silicon	28-1	307306	307309	304272	306296	0.57	cps
Silver	107-1	217	333	300	283	21.21	cps
Silver	109-1	200	183	150	178	14.32	cps
Sodium	23-2	25722	25349	25355	25475	0.84	cps
Strontium	86-1	3292	3259	3300	3284	0.67	cps
Strontium	88-1	942	892	842	892	5.61	cps
Sulfur	34-1	344667	344633	341886	343729	0.46	cps
Terbium	159-1	18500058	18629300	18609433	18579597	0.37	cps
Terbium	159-2	12232502	12422393	12402490	12352462	0.84	cps
Thallium	203-1	342	375	267	328	16.93	cps
Thallium	205-1	650	750	658	686	8.09	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P7
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 19:07:26	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	483	417	439	446	7.61	cps
Tin	118-1	2350	2300	2242	2297	2.36	cps
Titanium	47-1	150	192	175	172	12.18	cps
Uranium	238-1	33	67	25	42	52.92	cps
Vanadium	51-2	10	7	23	13	66.12	cps
Yttrium	89-1	20062676	20631175	20720820	20471557	1.74	cps
Yttrium	89-2	5027504	5087153	5044100	5052919	0.61	cps
Zinc	66-2	480	447	463	463	3.60	cps
Zirconium	90-1	767	792	883	814	7.55	cps
Zirconium	91-1	142	217	158	172	22.87	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P7
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 19:10:22	DataFile Name :	026LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9970	10142	9876	9996	1.35	cps
Antimony	121-1	34492	35219	33406	34372	2.65	cps
Arsenic	75-2	1135	1113	1085	1111	2.25	cps
Barium	135-1	42899	42757	44688	43448	2.48	cps
Barium	137-1	74269	74227	72979	73825	0.99	cps
Beryllium	9-1	3697	3664	3690	3684	0.48	cps
Bismuth	209-1	11121704	11527621	11451699	11367008	1.90	cps
Bismuth	209-2	9055676	9149246	9087955	9097626	0.52	cps
Boron	10-1	12138	12806	13156	12700	4.07	cps
Boron	11-1	58369	60862	64133	61121	4.73	cps
Bromine	81-1	16218	15041	15275	15511	4.01	cps
Bromine	81-2	170	170	150	164	7.07	cps
Cadmium	111-1	8660	8537	8803	8667	1.53	cps
Cadmium	106-1	7569	7644	8027	7747	3.18	cps
Cadmium	108-1	392	396	421	403	3.92	cps
Calcium	43-1	31383	31124	31475	31327	0.58	cps
Calcium	44-1	496580	498291	501952	498941	0.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20053	20254	19873	20060	0.95	cps
Cobalt	59-2	14794	14053	14537	14461	2.60	cps
Copper	63-2	21045	20885	21182	21037	0.71	cps
Dysprosium	156-1	17	17	25	19	24.73	cps
Dysprosium	156-2	17	13	3	11	62.48	cps
Erbium	164-1	150	133	125	136	9.35	cps
Erbium	164-2	103	130	77	103	25.80	cps
Gadolinium	160-1	142	100	92	111	24.11	cps
Gadolinium	160-2	343	323	387	351	9.22	cps
Holmium	165-1	17734823	18215821	17970823	17973823	1.34	cps
Holmium	165-2	12286561	12159144	12274970	12240225	0.58	cps
Indium	115-1	14137979	14421647	14227001	14262209	1.02	cps
Indium	115-2	4996410	4997900	4846322	4946878	1.76	cps
Iron	56-2	1650564	1631365	1627275	1636401	0.76	cps
Iron	57-2	41825	41697	41541	41688	0.34	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P7
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 19:10:22	DataFile Name :	026LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	92426	91045	90753	91408	0.98	cps
Krypton	83-1	1863	1810	1777	1817	2.41	cps
Lead	206-1	14908	14942	15287	15046	1.39	cps
Lead	207-1	12206	12312	12089	12202	0.91	cps
Lead	208-1	57288	57332	57476	57365	0.17	cps
Lithium	6-1	3717255	3824941	3747307	3763168	1.48	cps
Magnesium	24-2	426526	426784	426097	426469	0.08	cps
Manganese	55-2	7002	6828	7232	7021	2.88	cps
Molybdenum	94-1	18721	18704	18087	18504	1.95	cps
Molybdenum	95-1	11288	10829	11438	11185	2.84	cps
Molybdenum	96-1	13732	14040	13423	13732	2.25	cps
Molybdenum	97-1	6894	6727	6743	6788	1.35	cps
Molybdenum	98-1	17853	17327	17728	17636	1.56	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	3	7	10	7	50.03	cps
Nickel	60-2	4124	3944	3710	3926	5.28	cps
Phosphorus	31-2	383	608	417	469	25.87	cps
Potassium	39-2	528522	525042	522704	525422	0.56	cps
Rhodium	103-1	13415679	13617043	13592585	13541769	0.81	cps
Rhodium	103-2	8320786	8353034	8160671	8278164	1.24	cps
Scandium	45-1	9358143	9628823	9817269	9601412	2.40	cps
Scandium	45-2	797886	790421	791955	793421	0.50	cps
Selenium	82-1	1973	1930	1924	1942	1.38	cps
Selenium	77-2	170	167	160	166	3.08	cps
Selenium	78-2	843	800	794	812	3.24	cps
Silicon	28-1	432932	429399	435713	432681	0.73	cps
Silver	107-1	19063	21124	22443	20877	8.16	cps
Silver	109-1	18537	20073	20782	19797	5.80	cps
Sodium	23-2	704802	708620	701625	705015	0.50	cps
Strontium	86-1	10354	10646	9628	10209	5.13	cps
Strontium	88-1	58475	59831	58995	59100	1.16	cps
Sulfur	34-1	344891	339671	337246	340603	1.15	cps
Terbium	159-1	18369351	19101729	18871523	18780868	1.99	cps
Terbium	159-2	12375489	12337822	12192112	12301808	0.79	cps
Thallium	203-1	18146	18396	18296	18279	0.69	cps
Thallium	205-1	41706	43019	42325	42350	1.55	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P7
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 19:10:22	DataFile Name :	026LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	54813	55996	54807	55205	1.24	cps
Tin	118-1	2584	2900	3034	2839	8.15	cps
Titanium	47-1	13323	13456	13615	13465	1.09	cps
Uranium	238-1	48744	49882	49847	49491	1.31	cps
Vanadium	51-2	38004	37533	37353	37630	0.89	cps
Yttrium	89-1	20413413	20731481	20794081	20646325	0.99	cps
Yttrium	89-2	5060320	5056424	5008349	5041698	0.57	cps
Zinc	66-2	9140	8823	9120	9027	1.97	cps
Zirconium	90-1	34065	34333	34241	34213	0.40	cps
Zirconium	91-1	7711	7560	7719	7663	1.16	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-6	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-6	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 19:34:09	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2945	2700	2756	2800	4.58	cps
Antimony	121-1	8861	9211	9120	9064	2.00	cps
Arsenic	75-2	224	291	281	265	13.61	cps
Barium	135-1	10763	11313	10579	10885	3.51	cps
Barium	137-1	19514	19397	18763	19225	2.10	cps
Beryllium	9-1	1017	1097	1057	1057	3.79	cps
Bismuth	209-1	11277690	11347534	11291946	11305723	0.33	cps
Bismuth	209-2	9109454	9164460	9323818	9199244	1.21	cps
Boron	10-1	3509	3709	3951	3723	5.94	cps
Boron	11-1	16993	17827	18420	17747	4.04	cps
Bromine	81-1	22050	22810	23795	22885	3.82	cps
Bromine	81-2	1442	1662	1552	1552	7.10	cps
Cadmium	111-1	4991	4829	4964	4928	1.75	cps
Cadmium	106-1	7761	7435	7694	7630	2.25	cps
Cadmium	108-1	150	113	158	140	17.41	cps
Calcium	43-1	7585	8136	8219	7980	4.32	cps
Calcium	44-1	130924	133073	132039	132012	0.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6148	5988	6061	6066	1.32	cps
Cobalt	59-2	3694	3877	3814	3795	2.45	cps
Copper	63-2	6025	5818	6041	5961	2.09	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	23	7	3	11	96.43	cps
Erbium	164-1	125	150	108	128	16.41	cps
Erbium	164-2	93	87	67	82	16.87	cps
Gadolinium	160-1	50	92	142	94	48.60	cps
Gadolinium	160-2	397	370	387	384	3.50	cps
Holmium	165-1	17960568	18141685	18336852	18146368	1.04	cps
Holmium	165-2	12306424	12389520	12348134	12348026	0.34	cps
Indium	115-1	14517311	14426301	14574221	14505945	0.51	cps
Indium	115-2	5026112	5056937	5058849	5047299	0.36	cps
Iron	56-2	118278	118904	121178	119453	1.28	cps
Iron	57-2	2984	3278	3150	3137	4.71	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-6	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-6	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 19:34:09	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	7189	7279	7510	7326	2.26	cps
Krypton	83-1	2084	2110	2130	2108	1.11	cps
Lead	206-1	3839	3773	3739	3784	1.35	cps
Lead	207-1	2978	3095	3206	3093	3.68	cps
Lead	208-1	14615	14448	15315	14792	3.11	cps
Lithium	6-1	3647817	3757485	3691273	3698858	1.49	cps
Magnesium	24-2	112188	112681	110823	111898	0.86	cps
Manganese	55-2	1760	1830	1903	1831	3.91	cps
Molybdenum	94-1	10337	10087	10813	10412	3.54	cps
Molybdenum	95-1	12139	11597	12723	12153	4.63	cps
Molybdenum	96-1	13590	13481	13323	13465	1.00	cps
Molybdenum	97-1	7919	7777	7552	7749	2.39	cps
Molybdenum	98-1	19689	20506	19472	19889	2.74	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	1063	897	987	982	8.49	cps
Phosphorus	31-2	492	425	283	400	26.60	cps
Potassium	39-2	181843	179751	178875	180156	0.85	cps
Rhodium	103-1	13559548	13819705	13931870	13770374	1.39	cps
Rhodium	103-2	8494693	8496640	8560276	8517203	0.44	cps
Scandium	45-1	9735442	9814186	9841934	9797187	0.56	cps
Scandium	45-2	831184	834570	828618	831457	0.36	cps
Selenium	82-1	359	356	335	350	3.80	cps
Selenium	77-2	43	27	40	37	24.04	cps
Selenium	78-2	407	407	459	425	7.05	cps
Silicon	28-1	357535	358039	355226	356933	0.42	cps
Silver	107-1	4901	4818	5518	5079	7.53	cps
Silver	109-1	4334	4968	5409	4904	11.02	cps
Sodium	23-2	201363	200482	201908	201251	0.36	cps
Strontium	86-1	4734	4751	4693	4726	0.64	cps
Strontium	88-1	14716	14399	14366	14494	1.33	cps
Sulfur	34-1	353491	354000	351905	353132	0.31	cps
Terbium	159-1	18778539	18876086	18673219	18775948	0.54	cps
Terbium	159-2	12395956	12318763	12489953	12401557	0.69	cps
Thallium	203-1	4001	4226	4518	4248	6.10	cps
Thallium	205-1	9962	10429	10046	10146	2.45	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-6	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-6	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 19:34:09	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	12885	13240	13090	13072	1.37	cps
Tin	118-1	20482	21091	20398	20657	1.83	cps
Titanium	47-1	3734	3701	3976	3803	3.95	cps
Uranium	238-1	11856	12214	11722	11931	2.13	cps
Vanadium	51-2	9780	9877	9650	9769	1.16	cps
Yttrium	89-1	21105661	21050332	21156850	21104281	0.25	cps
Yttrium	89-2	5250173	5165452	5170440	5195355	0.92	cps
Zinc	66-2	1400	1280	1260	1313	5.77	cps
Zirconium	90-1	9070	9395	8711	9059	3.78	cps
Zirconium	91-1	1992	2109	2042	2047	2.86	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-7	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-7	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 19:37:03	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2817	2634	2761	2737	3.43	cps
Antimony	121-1	8094	8861	9203	8720	6.51	cps
Arsenic	75-2	265	320	272	286	10.55	cps
Barium	135-1	10204	10287	10446	10312	1.19	cps
Barium	137-1	18145	18279	18037	18154	0.67	cps
Beryllium	9-1	970	940	943	951	1.73	cps
Bismuth	209-1	11242413	11254734	11476694	11324614	1.16	cps
Bismuth	209-2	9285794	9256324	9147020	9229713	0.79	cps
Boron	10-1	3475	3759	3792	3676	4.74	cps
Boron	11-1	16618	17861	18436	17638	5.27	cps
Bromine	81-1	21775	22668	22943	22462	2.72	cps
Bromine	81-2	1652	1692	1492	1612	6.57	cps
Cadmium	111-1	4879	5059	4606	4848	4.71	cps
Cadmium	106-1	7794	7610	7019	7474	5.42	cps
Cadmium	108-1	179	142	158	160	11.76	cps
Calcium	43-1	8278	7927	7710	7972	3.59	cps
Calcium	44-1	127664	132462	130880	130335	1.88	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6085	5928	5684	5899	3.42	cps
Cobalt	59-2	3487	3684	3474	3548	3.31	cps
Copper	63-2	5921	5691	5661	5758	2.47	cps
Dysprosium	156-1	33	8	17	19	65.47	cps
Dysprosium	156-2	7	10	17	11	45.82	cps
Erbium	164-1	108	108	108	108	0.00	cps
Erbium	164-2	87	77	70	78	10.79	cps
Gadolinium	160-1	92	50	100	81	33.25	cps
Gadolinium	160-2	400	413	403	406	1.71	cps
Holmium	165-1	18132973	18324251	17984072	18147099	0.94	cps
Holmium	165-2	12396192	12527460	12271386	12398346	1.03	cps
Indium	115-1	14594856	14659725	14413047	14555876	0.88	cps
Indium	115-2	5114816	5053625	5081304	5083248	0.60	cps
Iron	56-2	116862	115909	116290	116354	0.41	cps
Iron	57-2	3028	3100	3084	3071	1.23	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-7	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-7	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 19:37:03	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	7059	7169	7069	7099	0.86	cps
Krypton	83-1	1860	1860	2177	1966	9.30	cps
Lead	206-1	3862	3523	3639	3675	4.69	cps
Lead	207-1	3128	3084	2906	3039	3.87	cps
Lead	208-1	14014	13692	14287	13998	2.13	cps
Lithium	6-1	3630192	3701012	3624471	3651892	1.17	cps
Magnesium	24-2	109665	108664	106695	108341	1.39	cps
Manganese	55-2	1880	1793	1820	1831	2.42	cps
Molybdenum	94-1	9745	9470	10396	9870	4.82	cps
Molybdenum	95-1	11630	12623	11780	12011	4.45	cps
Molybdenum	96-1	13432	12681	13148	13087	2.90	cps
Molybdenum	97-1	7335	7410	7902	7549	4.08	cps
Molybdenum	98-1	18596	18963	19388	18982	2.09	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	1067	910	923	967	8.99	cps
Phosphorus	31-2	325	408	408	381	12.64	cps
Potassium	39-2	177543	177619	176329	177164	0.41	cps
Rhodium	103-1	13879094	14005296	13937941	13940777	0.45	cps
Rhodium	103-2	8604945	8619051	8542432	8588810	0.47	cps
Scandium	45-1	9849502	9686014	9826266	9787261	0.90	cps
Scandium	45-2	832547	832356	823454	829452	0.63	cps
Selenium	82-1	629	644	201	492	51.14	cps
Selenium	77-2	57	33	33	41	32.78	cps
Selenium	78-2	433	415	356	401	10.13	cps
Silicon	28-1	353872	352654	352552	353026	0.21	cps
Silver	107-1	4734	5343	5585	5221	8.39	cps
Silver	109-1	4543	5084	4859	4829	5.64	cps
Sodium	23-2	197563	195879	193957	195800	0.92	cps
Strontium	86-1	5326	4868	4743	4979	6.17	cps
Strontium	88-1	14658	14065	14341	14355	2.06	cps
Sulfur	34-1	355126	353591	353309	354008	0.28	cps
Terbium	159-1	18587671	19036854	18678721	18767749	1.27	cps
Terbium	159-2	12398735	12414113	12392500	12401783	0.09	cps
Thallium	203-1	4443	4092	4251	4262	4.11	cps
Thallium	205-1	10104	10096	10187	10129	0.50	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-7	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-7	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 19:37:03	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	12340	12406	12668	12471	1.39	cps
Tin	118-1	20423	19689	19172	19761	3.18	cps
Titanium	47-1	3442	3359	3842	3548	7.28	cps
Uranium	238-1	11580	11597	11722	11633	0.67	cps
Vanadium	51-2	9697	9336	9646	9560	2.04	cps
Yttrium	89-1	20701583	21308882	21009887	21006784	1.45	cps
Yttrium	89-2	5267339	5231736	5153551	5217542	1.12	cps
Zinc	66-2	1440	1467	1243	1383	8.82	cps
Zirconium	90-1	8486	8528	9253	8756	4.93	cps
Zirconium	91-1	1783	1934	2067	1928	7.35	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	SOIL BLANK-7	Instrumnet Name :	P7
Client Sample ID :	SOIL BLANK-7	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 19:40:11	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	367	461	406	411	11.55	cps
Antimony	121-1	75	67	92	78	16.37	cps
Arsenic	75-2	6	9	7	7	24.97	cps
Barium	135-1	25	33	25	28	17.31	cps
Barium	137-1	58	25	100	61	61.49	cps
Beryllium	9-1	27	30	30	29	6.65	cps
Bismuth	209-1	11351510	11320791	11333486	11335262	0.14	cps
Bismuth	209-2	9295513	9185105	9358886	9279835	0.95	cps
Boron	10-1	717	767	708	731	4.32	cps
Boron	11-1	3559	3400	3892	3617	6.94	cps
Bromine	81-1	16259	15801	16944	16334	3.52	cps
Bromine	81-2	150	160	150	153	3.77	cps
Cadmium	111-1	3711	3743	3727	3727	0.43	cps
Cadmium	106-1	7452	7502	7510	7488	0.42	cps
Cadmium	108-1	46	42	46	44	5.40	cps
Calcium	43-1	517	508	533	519	2.45	cps
Calcium	44-1	14682	14715	14491	14629	0.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1647	1603	1493	1581	5.00	cps
Cobalt	59-2	167	77	163	136	37.64	cps
Copper	63-2	777	753	723	751	3.56	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	10	7	10	9	21.63	cps
Erbium	164-1	150	142	225	172	26.65	cps
Erbium	164-2	70	100	107	92	21.18	cps
Gadolinium	160-1	125	133	83	114	23.52	cps
Gadolinium	160-2	357	393	373	374	4.90	cps
Holmium	165-1	18031196	18248723	18350768	18210229	0.90	cps
Holmium	165-2	12421794	12521741	12585316	12509617	0.66	cps
Indium	115-1	14421465	14422678	14395121	14413088	0.11	cps
Indium	115-2	5114891	5113970	5117969	5115610	0.04	cps
Iron	56-2	14757	13929	14001	14229	3.23	cps
Iron	57-2	450	528	544	507	9.94	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	SOIL BLANK-7	Instrumnet Name :	P7
Client Sample ID :	SOIL BLANK-7	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 19:40:11	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1542	1391	1361	1432	6.74	cps
Krypton	83-1	1953	2140	1883	1992	6.66	cps
Lead	206-1	222	233	356	270	27.36	cps
Lead	207-1	244	172	250	222	19.53	cps
Lead	208-1	1072	900	1139	1037	11.89	cps
Lithium	6-1	3589715	3589008	3723158	3633960	2.13	cps
Magnesium	24-2	822	694	883	800	12.05	cps
Manganese	55-2	173	190	170	178	6.03	cps
Molybdenum	94-1	233	358	283	292	21.57	cps
Molybdenum	95-1	42	33	50	42	20.00	cps
Molybdenum	96-1	117	92	83	97	17.84	cps
Molybdenum	97-1	25	42	33	33	25.01	cps
Molybdenum	98-1	108	83	92	94	13.48	cps
Neodymium	150-1	0	20	7	9	114.55	cps
Neodymium	150-2	20	0	3	8	137.80	cps
Nickel	60-2	67	80	80	76	10.19	cps
Phosphorus	31-2	267	267	250	261	3.68	cps
Potassium	39-2	60395	60947	59893	60412	0.87	cps
Rhodium	103-1	13939537	13807318	13788685	13845180	0.59	cps
Rhodium	103-2	8654896	8642386	8593541	8630274	0.38	cps
Scandium	45-1	9746667	9956470	9650040	9784392	1.60	cps
Scandium	45-2	831919	827893	828987	829600	0.25	cps
Selenium	82-1	5	-159	75	-26	-453.77	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	315	278	241	278	13.33	cps
Silicon	28-1	320498	321366	324206	322023	0.60	cps
Silver	107-1	442	458	325	408	17.79	cps
Silver	109-1	275	258	292	275	6.06	cps
Sodium	23-2	24570	24008	24136	24238	1.22	cps
Strontium	86-1	3300	2984	3384	3223	6.55	cps
Strontium	88-1	858	933	775	856	9.26	cps
Sulfur	34-1	353439	352424	357881	354581	0.82	cps
Terbium	159-1	18508676	18662741	18821201	18664206	0.84	cps
Terbium	159-2	12350553	12399373	12460154	12403360	0.44	cps
Thallium	203-1	167	167	200	178	10.83	cps
Thallium	205-1	375	325	400	367	10.42	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	SOIL BLANK-7	Instrumnet Name :	P7
Client Sample ID :	SOIL BLANK-7	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 19:40:11	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	461	389	322	391	17.78	cps
Tin	118-1	2342	2059	2292	2231	6.78	cps
Titanium	47-1	150	100	150	133	21.65	cps
Uranium	238-1	17	67	42	42	60.00	cps
Vanadium	51-2	10	7	17	11	45.82	cps
Yttrium	89-1	21063112	21105580	20850063	21006251	0.65	cps
Yttrium	89-2	5216901	5244549	5255488	5238979	0.38	cps
Zinc	66-2	467	400	460	442	8.30	cps
Zirconium	90-1	1050	842	833	908	13.52	cps
Zirconium	91-1	175	250	175	200	21.65	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P7
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 19:43:05	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10563634	10480014	10582424	10542024	0.52	cps
Antimony	121-1	4431234	4397794	4270330	4366453	1.94	cps
Arsenic	75-2	227841	229875	226875	228197	0.67	cps
Barium	135-1	5484451	5424298	5306241	5404997	1.68	cps
Barium	137-1	9561766	9399760	9246717	9402748	1.68	cps
Beryllium	9-1	882424	890439	875168	882677	0.87	cps
Bismuth	209-1	10504461	10602548	10405126	10504045	0.94	cps
Bismuth	209-2	8240678	8293270	8157783	8230577	0.83	cps
Boron	10-1	230865	244764	238631	238087	2.93	cps
Boron	11-1	1082381	1181802	1121687	1128624	4.44	cps
Bromine	81-1	13723	13957	13848	13843	0.84	cps
Bromine	81-2	110	100	50	87	37.09	cps
Cadmium	111-1	1238674	1241037	1203522	1227745	1.71	cps
Cadmium	106-1	140752	140778	137338	139623	1.42	cps
Cadmium	108-1	95630	94904	93420	94651	1.19	cps
Calcium	43-1	7201547	7118627	7083480	7134551	0.85	cps
Calcium	44-1	110505653	108783658	106519870	108603060	1.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1940042	1970404	1958129	1956192	0.78	cps
Cobalt	59-2	2998053	3007894	2970670	2992205	0.64	cps
Copper	63-2	21555543	21710252	21600114	21621970	0.37	cps
Dysprosium	156-1	733	867	758	786	9.02	cps
Dysprosium	156-2	453	557	520	510	10.27	cps
Erbium	164-1	250	200	192	214	14.75	cps
Erbium	164-2	150	133	123	136	9.94	cps
Gadolinium	160-1	483	400	575	486	18.01	cps
Gadolinium	160-2	600	653	693	649	7.22	cps
Holmium	165-1	18005842	17674260	17635868	17771990	1.14	cps
Holmium	165-2	11775024	12031898	12052219	11953047	1.29	cps
Indium	115-1	13145430	12884557	12669360	12899782	1.85	cps
Indium	115-2	4342674	4440788	4417697	4400386	1.17	cps
Iron	56-2	454804455	454384132	449384154	452857580	0.67	cps
Iron	57-2	11159017	11343520	11073239	11191925	1.23	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P7
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 19:43:05	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	24467848	24681439	24572040	24573776	0.43	cps
Krypton	83-1	1803	1797	1817	1806	0.56	cps
Lead	206-1	18731398	18823163	18837427	18797329	0.31	cps
Lead	207-1	15760017	16040026	15776913	15858985	0.99	cps
Lead	208-1	72706935	74129445	73031427	73289269	1.02	cps
Lithium	6-1	3598329	3560080	3584658	3581022	0.54	cps
Magnesium	24-2	98615986	97099130	97487158	97734091	0.81	cps
Manganese	55-2	14736441	14763015	14795873	14765109	0.20	cps
Molybdenum	94-1	16447186	16130829	15875773	16151263	1.77	cps
Molybdenum	95-1	23349729	23086829	22746854	23061137	1.31	cps
Molybdenum	96-1	25182118	24909217	24568461	24886599	1.24	cps
Molybdenum	97-1	14466232	14325418	13786451	14192700	2.53	cps
Molybdenum	98-1	37423525	36925738	36035482	36794915	1.91	cps
Neodymium	150-1	447	487	487	473	4.88	cps
Neodymium	150-2	137	80	83	100	31.80	cps
Nickel	60-2	789151	790979	788173	789434	0.18	cps
Phosphorus	31-2	105051	106361	104506	105306	0.91	cps
Potassium	39-2	50278204	51181427	50839200	50766277	0.90	cps
Rhodium	103-1	12130911	11760571	11443919	11778467	2.92	cps
Rhodium	103-2	7009298	7067863	7084337	7053833	0.56	cps
Scandium	45-1	9024189	8983604	8889669	8965821	0.77	cps
Scandium	45-2	700443	710286	711608	707446	0.86	cps
Selenium	82-1	92700	91595	90690	91662	1.10	cps
Selenium	77-2	7569	7299	7669	7512	2.55	cps
Selenium	78-2	25726	25301	25338	25455	0.92	cps
Silicon	28-1	31514981	31799311	30654795	31323029	1.90	cps
Silver	107-1	5904037	5765730	5735227	5801665	1.55	cps
Silver	109-1	5485371	5458762	5407366	5450500	0.73	cps
Sodium	23-2	159730931	160978192	160387626	160365583	0.39	cps
Strontium	86-1	38788439	38484473	37670294	38314402	1.51	cps
Strontium	88-1	335573716	331991991	324501582	330689096	1.71	cps
Sulfur	34-1	819568	809404	784761	804577	2.22	cps
Terbium	159-1	18309302	18220468	18180097	18236623	0.36	cps
Terbium	159-2	11717711	11973116	12022650	11904493	1.37	cps
Thallium	203-1	4514521	4497705	4462924	4491717	0.59	cps
Thallium	205-1	10785447	10684591	10711461	10727166	0.49	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P7
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 19:43:05	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	15473835	16045010	15866496	15795114	1.85	cps
Tin	118-1	3767059	3678041	3630062	3691721	1.88	cps
Titanium	47-1	6521481	6513974	6379241	6471565	1.24	cps
Uranium	238-1	13540212	13855243	13882982	13759479	1.38	cps
Vanadium	51-2	1695190	1700933	1724661	1706928	0.92	cps
Yttrium	89-1	20007526	19489465	19450405	19649132	1.58	cps
Yttrium	89-2	4541215	4579867	4584514	4568532	0.52	cps
Zinc	66-2	3740752	3713449	3725819	3726673	0.37	cps
Zirconium	90-1	8390538	8174429	8024527	8196498	2.24	cps
Zirconium	91-1	1888015	1858133	1827332	1857827	1.63	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CCB40	Instrumnet Name :	P7
Client Sample ID :	CCB40	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 19:48:16	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	450	494	433	459	6.88	cps
Antimony	121-1	1250	1133	1267	1217	5.97	cps
Arsenic	75-2	0	7	7	5	86.60	cps
Barium	135-1	125	233	200	186	29.81	cps
Barium	137-1	308	325	208	281	22.49	cps
Beryllium	9-1	87	67	83	79	13.58	cps
Bismuth	209-1	11403061	11339709	11553573	11432115	0.96	cps
Bismuth	209-2	9108996	9108205	9174179	9130460	0.41	cps
Boron	10-1	2967	2909	2467	2781	9.83	cps
Boron	11-1	14357	13214	12806	13459	5.97	cps
Bromine	81-1	13565	13932	13356	13618	2.14	cps
Bromine	81-2	130	60	100	97	36.33	cps
Cadmium	111-1	3325	3324	3600	3416	4.66	cps
Cadmium	106-1	6635	6610	7152	6799	4.50	cps
Cadmium	108-1	75	71	33	60	38.43	cps
Calcium	43-1	675	733	542	650	15.12	cps
Calcium	44-1	16173	15537	15415	15709	2.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1483	1420	1383	1429	3.54	cps
Cobalt	59-2	170	160	190	173	8.81	cps
Copper	63-2	1320	1133	1177	1210	8.07	cps
Dysprosium	156-1	25	0	17	14	91.65	cps
Dysprosium	156-2	7	10	3	7	50.03	cps
Erbium	164-1	108	175	167	150	24.22	cps
Erbium	164-2	73	97	110	93	19.89	cps
Gadolinium	160-1	50	75	125	83	45.83	cps
Gadolinium	160-2	250	303	377	310	20.52	cps
Holmium	165-1	17577401	17640137	18070561	17762700	1.51	cps
Holmium	165-2	12206668	12165854	12132951	12168491	0.30	cps
Indium	115-1	13645342	13733094	13790142	13722859	0.53	cps
Indium	115-2	4814107	4778349	4748401	4780286	0.69	cps
Iron	56-2	20653	21059	20075	20596	2.40	cps
Iron	57-2	644	600	589	611	4.81	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CCB40	Instrumnet Name :	P7
Client Sample ID :	CCB40	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 19:48:16	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1682	1652	1852	1729	6.25	cps
Krypton	83-1	1997	1970	1967	1978	0.83	cps
Lead	206-1	995	872	856	907	8.36	cps
Lead	207-1	794	539	678	670	19.09	cps
Lead	208-1	3856	3367	3311	3511	8.53	cps
Lithium	6-1	3718851	3789263	3759243	3755785	0.94	cps
Magnesium	24-2	2739	2478	2661	2626	5.11	cps
Manganese	55-2	500	423	447	457	8.61	cps
Molybdenum	94-1	825	667	675	722	12.34	cps
Molybdenum	95-1	733	700	783	739	5.68	cps
Molybdenum	96-1	900	975	833	903	7.85	cps
Molybdenum	97-1	550	408	492	483	14.73	cps
Molybdenum	98-1	1400	1358	1142	1300	10.67	cps
Neodymium	150-1	27	7	7	13	86.58	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	113	103	77	98	19.38	cps
Phosphorus	31-2	242	217	217	225	6.42	cps
Potassium	39-2	51613	51655	52433	51900	0.89	cps
Rhodium	103-1	12862625	13011284	13020741	12964884	0.68	cps
Rhodium	103-2	8052909	7937428	7960324	7983554	0.77	cps
Scandium	45-1	8905813	9098435	9124431	9042893	1.32	cps
Scandium	45-2	725489	727174	729575	727413	0.28	cps
Selenium	82-1	-109	-48	-53	-70	-48.57	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	233	222	241	232	4.01	cps
Silicon	28-1	283414	284170	285165	284250	0.31	cps
Silver	107-1	642	742	583	656	12.22	cps
Silver	109-1	658	475	633	589	16.88	cps
Sodium	23-2	35374	34645	34734	34918	1.14	cps
Strontium	86-1	4184	4142	3659	3995	7.31	cps
Strontium	88-1	9428	7936	7627	8330	11.56	cps
Sulfur	34-1	306232	307534	303088	305618	0.75	cps
Terbium	159-1	18206592	18062009	18671003	18313202	1.74	cps
Terbium	159-2	12275989	12261137	12226043	12254390	0.21	cps
Thallium	203-1	450	533	350	444	20.65	cps
Thallium	205-1	1133	1075	950	1053	8.90	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CCB40	Instrumnet Name :	P7
Client Sample ID :	CCB40	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 19:48:16	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	867	733	778	793	8.57	cps
Tin	118-1	2409	2650	2275	2445	7.78	cps
Titanium	47-1	300	300	217	272	17.67	cps
Uranium	238-1	283	258	375	306	20.10	cps
Vanadium	51-2	53	53	47	51	7.52	cps
Yttrium	89-1	19719437	19649909	19843186	19737510	0.50	cps
Yttrium	89-2	4840357	4748137	4738176	4775557	1.18	cps
Zinc	66-2	500	480	433	471	7.26	cps
Zirconium	90-1	917	867	908	897	2.99	cps
Zirconium	91-1	192	225	242	219	11.60	cps

LB Number : LB120754 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired : 2022-06-18 20:05:04 DataFile Name : 036CRI.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4812	4956	5490	5086	7.02	cps
Antimony	121-1	18012	18287	17778	18026	1.41	cps
Arsenic	75-2	580	600	567	582	2.89	cps
Barium	135-1	22084	22126	21400	21870	1.86	cps
Barium	137-1	38160	38127	39096	38461	1.43	cps
Beryllium	9-1	1963	1987	1810	1920	5.00	cps
Bismuth	209-1	11417005	11338856	11453072	11402978	0.51	cps
Bismuth	209-2	9226667	9267001	9135344	9209671	0.73	cps
Boron	10-1	6310	7094	6993	6799	6.27	cps
Boron	11-1	32284	33195	33695	33058	2.16	cps
Bromine	81-1	20540	20732	21708	20993	2.98	cps
Bromine	81-2	1422	1251	1341	1338	6.36	cps
Cadmium	111-1	5728	6221	5890	5946	4.23	cps
Cadmium	106-1	6827	7485	7235	7183	4.63	cps
Cadmium	108-1	250	283	275	269	6.44	cps
Calcium	43-1	15417	15342	15975	15578	2.22	cps
Calcium	44-1	258600	254537	255880	256339	0.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10307	10087	10264	10219	1.14	cps
Cobalt	59-2	7505	7522	7409	7479	0.82	cps
Copper	63-2	11121	11164	11194	11160	0.33	cps
Dysprosium	156-1	17	25	25	22	21.64	cps
Dysprosium	156-2	7	10	13	10	33.30	cps
Erbium	164-1	133	133	117	128	7.53	cps
Erbium	164-2	103	103	47	84	38.74	cps
Gadolinium	160-1	50	108	92	83	36.06	cps
Gadolinium	160-2	360	380	450	397	11.91	cps
Holmium	165-1	18227088	18511545	18121459	18286697	1.10	cps
Holmium	165-2	12380008	12482147	12510360	12457505	0.55	cps
Indium	115-1	14299587	14401111	14343235	14347978	0.35	cps
Indium	115-2	5075918	5018702	5020607	5038409	0.64	cps
Iron	56-2	224265	224715	225234	224738	0.22	cps
Iron	57-2	5823	5879	5673	5792	1.84	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 20:05:04	DataFile Name :	036CRI.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	12668	13510	13730	13303	4.21	cps
Krypton	83-1	2003	1993	1973	1990	0.77	cps
Lead	206-1	7480	7641	7274	7465	2.46	cps
Lead	207-1	5851	6124	5890	5955	2.47	cps
Lead	208-1	28029	28924	28390	28448	1.58	cps
Lithium	6-1	3729286	3744864	3794224	3756125	0.90	cps
Magnesium	24-2	221533	216699	220050	219427	1.13	cps
Manganese	55-2	3604	3400	3781	3595	5.29	cps
Molybdenum	94-1	19730	20365	20657	20251	2.34	cps
Molybdenum	95-1	24588	24947	24771	24769	0.72	cps
Molybdenum	96-1	26091	27819	27101	27003	3.22	cps
Molybdenum	97-1	15167	15801	14916	15294	2.98	cps
Molybdenum	98-1	39295	38351	39629	39092	1.70	cps
Neodymium	150-1	13	0	73	29	135.23	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	1867	1817	1953	1879	3.68	cps
Phosphorus	31-2	458	400	458	439	7.67	cps
Potassium	39-2	294963	291989	297575	294842	0.95	cps
Rhodium	103-1	13616288	13579584	13697101	13630991	0.44	cps
Rhodium	103-2	8417916	8385984	8503430	8435776	0.72	cps
Scandium	45-1	9814186	9634625	9692811	9713874	0.94	cps
Scandium	45-2	802023	800555	805042	802540	0.29	cps
Selenium	82-1	631	812	1030	824	24.25	cps
Selenium	77-2	90	77	67	78	15.05	cps
Selenium	78-2	554	524	557	545	3.35	cps
Silicon	28-1	367519	375367	373129	372005	1.09	cps
Silver	107-1	9528	10312	11088	10310	7.56	cps
Silver	109-1	8895	10321	10104	9773	7.86	cps
Sodium	23-2	372723	373689	372753	373055	0.15	cps
Strontium	86-1	6602	6518	6402	6507	1.54	cps
Strontium	88-1	29063	29722	29397	29394	1.12	cps
Sulfur	34-1	340474	343254	344410	342713	0.59	cps
Terbium	159-1	18692053	18953804	18767010	18804289	0.72	cps
Terbium	159-2	12417812	12377141	12343342	12379432	0.30	cps
Thallium	203-1	8728	8420	8878	8675	2.70	cps
Thallium	205-1	20441	20349	20708	20499	0.91	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 20:05:04	DataFile Name :	036CRI.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	26567	25843	25938	26116	1.51	cps
Tin	118-1	39889	39664	40241	39931	0.73	cps
Titanium	47-1	7469	7602	6893	7321	5.14	cps
Uranium	238-1	23547	24048	25292	24296	3.70	cps
Vanadium	51-2	19539	19306	19132	19326	1.06	cps
Yttrium	89-1	20840770	21126739	20958063	20975191	0.69	cps
Yttrium	89-2	5150405	5143102	5164148	5152551	0.21	cps
Zinc	66-2	2384	2067	2150	2200	7.46	cps
Zirconium	90-1	16677	17828	18095	17533	4.30	cps
Zirconium	91-1	4017	3951	3734	3901	3.80	cps

LB Number : LB120754 Operator : Jaswal
 Lab Sample ID : PB145475BL Instrumnet Name : P7
 Client Sample ID : PB145475BL Dilution Factor : 1
 Date & Time Acquired : 2022-06-18 20:12:03 DataFile Name : 037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1633	1361	1361	1452	10.83	cps
Antimony	121-1	133	142	192	156	20.28	cps
Arsenic	75-2	2	2	0	1	86.60	cps
Barium	135-1	17	25	17	19	24.73	cps
Barium	137-1	67	67	75	69	6.93	cps
Beryllium	9-1	50	43	23	39	35.69	cps
Bismuth	209-1	11241310	11613116	11380834	11411754	1.65	cps
Bismuth	209-2	9253306	9344338	9139548	9245731	1.11	cps
Boron	10-1	975	842	942	919	7.55	cps
Boron	11-1	3934	3834	3901	3889	1.31	cps
Bromine	81-1	20899	22250	21717	21622	3.15	cps
Bromine	81-2	1311	1341	1151	1268	8.06	cps
Cadmium	111-1	3377	3388	3409	3392	0.48	cps
Cadmium	106-1	6777	6835	6852	6821	0.58	cps
Cadmium	108-1	46	67	42	51	26.07	cps
Calcium	43-1	275	267	325	289	10.92	cps
Calcium	44-1	9617	9910	10153	9893	2.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1580	1740	1507	1609	7.42	cps
Cobalt	59-2	100	100	100	100	0.00	cps
Copper	63-2	787	780	847	804	4.56	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	142	167	100	136	24.74	cps
Erbium	164-2	107	117	77	100	20.82	cps
Gadolinium	160-1	100	158	92	117	31.14	cps
Gadolinium	160-2	360	330	417	369	11.93	cps
Holmium	165-1	18359766	18148624	18312947	18273779	0.61	cps
Holmium	165-2	12569627	12632879	12449130	12550545	0.74	cps
Indium	115-1	14570934	14390254	14556412	14505867	0.69	cps
Indium	115-2	5113589	5019834	5007810	5047078	1.15	cps
Iron	56-2	13573	13801	13734	13703	0.86	cps
Iron	57-2	478	411	561	483	15.55	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	PB145475BL	Instrumnet Name :	P7
Client Sample ID :	PB145475BL	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 20:12:03	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1442	1532	1311	1428	7.75	cps
Krypton	83-1	2023	2030	2167	2073	3.90	cps
Lead	206-1	333	400	328	354	11.36	cps
Lead	207-1	256	300	406	320	24.05	cps
Lead	208-1	1350	1495	1639	1495	9.67	cps
Lithium	6-1	3705619	3745882	3707847	3719783	0.61	cps
Magnesium	24-2	739	761	806	769	4.42	cps
Manganese	55-2	157	143	163	154	6.59	cps
Molybdenum	94-1	292	325	342	319	7.97	cps
Molybdenum	95-1	108	100	67	92	24.05	cps
Molybdenum	96-1	158	158	158	158	0.00	cps
Molybdenum	97-1	25	100	33	53	77.89	cps
Molybdenum	98-1	92	108	175	125	35.28	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	30	60	40	43	35.25	cps
Phosphorus	31-2	242	217	225	228	5.59	cps
Potassium	39-2	57384	56832	57334	57183	0.53	cps
Rhodium	103-1	14022561	13774053	14065774	13954129	1.13	cps
Rhodium	103-2	8566539	8585400	8543187	8565042	0.25	cps
Scandium	45-1	9970596	9840434	9809646	9873559	0.87	cps
Scandium	45-2	810667	810631	812747	811348	0.15	cps
Selenium	82-1	27	108	-95	14	757.84	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	237	285	267	263	9.24	cps
Silicon	28-1	316649	313930	317034	315871	0.54	cps
Silver	107-1	225	283	150	219	30.46	cps
Silver	109-1	125	133	92	117	18.90	cps
Sodium	23-2	24358	24559	25104	24674	1.56	cps
Strontium	86-1	3534	3392	3584	3503	2.84	cps
Strontium	88-1	1150	1008	875	1011	13.60	cps
Sulfur	34-1	350357	350028	350281	350222	0.05	cps
Terbium	159-1	18984203	18897210	18886188	18922534	0.28	cps
Terbium	159-2	12484546	12588664	12234586	12435932	1.46	cps
Thallium	203-1	125	150	208	161	26.54	cps
Thallium	205-1	275	333	442	350	24.16	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	PB145475BL	Instrumnet Name :	P7
Client Sample ID :	PB145475BL	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 20:12:03	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	406	428	428	420	3.05	cps
Tin	118-1	1175	1075	1142	1131	4.50	cps
Titanium	47-1	217	167	167	183	15.75	cps
Uranium	238-1	25	67	67	53	45.58	cps
Vanadium	51-2	17	7	27	17	59.99	cps
Yttrium	89-1	21127180	21231105	21211983	21190089	0.26	cps
Yttrium	89-2	5089941	5208407	5179325	5159224	1.20	cps
Zinc	66-2	450	390	360	400	11.46	cps
Zirconium	90-1	800	1108	767	892	21.13	cps
Zirconium	91-1	117	292	158	189	48.40	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	PB145475BS	Instrumnet Name :	P7
Client Sample ID :	PB145475BS	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 20:14:58	DataFile Name :	038LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2161534	2175386	2145179	2160700	0.70	cps
Antimony	121-1	4466719	4492714	4424524	4461319	0.77	cps
Arsenic	75-2	243185	241210	240565	241653	0.56	cps
Barium	135-1	5690316	5615573	5511180	5605690	1.61	cps
Barium	137-1	9853895	9759047	9766741	9793228	0.54	cps
Beryllium	9-1	936056	931946	930556	932853	0.31	cps
Bismuth	209-1	11260936	11200019	11090673	11183876	0.77	cps
Bismuth	209-2	8756794	8732715	8685243	8724917	0.42	cps
Boron	10-1	238029	251463	251395	246962	3.13	cps
Boron	11-1	1131122	1193499	1205228	1176616	3.39	cps
Bromine	81-1	15150	14499	14140	14596	3.51	cps
Bromine	81-2	140	150	100	130	20.35	cps
Cadmium	111-1	1258118	1256613	1263490	1259407	0.29	cps
Cadmium	106-1	144077	145592	141619	143763	1.39	cps
Cadmium	108-1	97496	96276	94749	96173	1.43	cps
Calcium	43-1	1705476	1697893	1685226	1696199	0.60	cps
Calcium	44-1	21722339	21364938	21298989	21462088	1.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2052169	2028436	1995772	2025459	1.40	cps
Cobalt	59-2	3179052	3141500	3145350	3155301	0.65	cps
Copper	63-2	22274354	22331191	21975411	22193652	0.86	cps
Dysprosium	156-1	275	133	267	225	35.33	cps
Dysprosium	156-2	213	247	240	233	7.56	cps
Erbium	164-1	100	158	275	178	50.12	cps
Erbium	164-2	130	90	117	112	18.15	cps
Gadolinium	160-1	250	167	233	217	20.35	cps
Gadolinium	160-2	397	433	427	419	4.66	cps
Holmium	165-1	18286163	18131868	17898479	18105503	1.08	cps
Holmium	165-2	12095073	12072484	12025874	12064477	0.29	cps
Indium	115-1	13782504	13606683	13535877	13641688	0.93	cps
Indium	115-2	4619476	4524156	4573041	4572224	1.04	cps
Iron	56-2	94258208	93626433	93882183	93922274	0.34	cps
Iron	57-2	2333835	2321893	2281746	2312491	1.18	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	PB145475BS	Instrumnet Name :	P7
Client Sample ID :	PB145475BS	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 20:14:58	DataFile Name :	038LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	5227211	5210033	5146745	5194663	0.82	cps
Krypton	83-1	2087	1817	1783	1896	8.78	cps
Lead	206-1	19741034	19725398	19656739	19707724	0.23	cps
Lead	207-1	16437208	16499494	16596081	16510928	0.48	cps
Lead	208-1	76409804	76679965	76573128	76554299	0.18	cps
Lithium	6-1	3834851	3699544	3725365	3753253	1.91	cps
Magnesium	24-2	19938519	19638248	19762462	19779743	0.76	cps
Manganese	55-2	15381522	15363554	15252506	15332527	0.46	cps
Molybdenum	94-1	16610300	16366400	16327833	16434844	0.93	cps
Molybdenum	95-1	23724102	23580038	23505851	23603330	0.47	cps
Molybdenum	96-1	25958379	25200513	25495057	25551316	1.50	cps
Molybdenum	97-1	14845376	14557070	14541957	14648134	1.17	cps
Molybdenum	98-1	38182066	37872546	37348653	37801088	1.11	cps
Neodymium	150-1	387	407	440	411	6.55	cps
Neodymium	150-2	113	90	83	96	16.49	cps
Nickel	60-2	793011	786180	787644	788945	0.46	cps
Phosphorus	31-2	108954	107493	107342	107930	0.82	cps
Potassium	39-2	10447373	10331077	10342084	10373512	0.62	cps
Rhodium	103-1	12896294	12691614	12527901	12705270	1.45	cps
Rhodium	103-2	7540490	7537209	7550666	7542788	0.09	cps
Scandium	45-1	9433174	9103256	9090825	9209085	2.11	cps
Scandium	45-2	721891	711276	707937	713701	1.02	cps
Selenium	82-1	94003	93610	92342	93318	0.93	cps
Selenium	77-2	7489	7769	7505	7588	2.07	cps
Selenium	78-2	25876	25422	25327	25542	1.15	cps
Silicon	28-1	32205173	31793626	31596859	31865219	0.97	cps
Silver	107-1	5970887	5893005	5856713	5906868	0.99	cps
Silver	109-1	5573186	5569764	5567726	5570225	0.05	cps
Sodium	23-2	33224471	32823181	32740992	32929548	0.79	cps
Strontium	86-1	40044534	39765135	39642435	39817368	0.52	cps
Strontium	88-1	349691099	345534483	339718658	344981413	1.45	cps
Sulfur	34-1	852415	842388	837914	844239	0.88	cps
Terbium	159-1	18677632	18373839	18389123	18480198	0.93	cps
Terbium	159-2	11913838	11911546	11976327	11933904	0.31	cps
Thallium	203-1	4680714	4757022	4647061	4694932	1.20	cps
Thallium	205-1	11075239	11313127	11114099	11167488	1.14	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	PB145475BS	Instrumnet Name :	P7
Client Sample ID :	PB145475BS	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 20:14:58	DataFile Name :	038LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	15604785	15881838	15972394	15819672	1.21	cps
Tin	118-1	3870067	3903067	3860033	3877722	0.58	cps
Titanium	47-1	6792944	6717484	6621610	6710679	1.28	cps
Uranium	238-1	13585708	13772390	13906105	13754735	1.17	cps
Vanadium	51-2	1753980	1760493	1720121	1744865	1.24	cps
Yttrium	89-1	20449277	19935960	19988730	20124656	1.40	cps
Yttrium	89-2	4736399	4681462	4692416	4703426	0.62	cps
Zinc	66-2	3800948	3832122	3845507	3826192	0.60	cps
Zirconium	90-1	8420578	8329634	8354372	8368195	0.56	cps
Zirconium	91-1	1917516	1903211	1897726	1906151	0.54	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-02	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-4-GW-062022	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 20:17:36	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7324	6746	7280	7117	4.52	cps
Antimony	121-1	3067	2942	2784	2931	4.85	cps
Arsenic	75-2	180	169	193	180	6.69	cps
Barium	135-1	296037	301934	303586	300519	1.32	cps
Barium	137-1	530730	524752	525770	527084	0.61	cps
Beryllium	9-1	163	143	150	152	6.69	cps
Bismuth	209-1	11671203	11693410	11634698	11666437	0.25	cps
Bismuth	209-2	9276324	9286751	9253952	9272342	0.18	cps
Boron	10-1	17285	16225	16109	16540	3.92	cps
Boron	11-1	81875	78339	77042	79085	3.16	cps
Bromine	81-1	20448	19947	20398	20264	1.36	cps
Bromine	81-2	1161	1281	1121	1188	7.02	cps
Cadmium	111-1	6793	6648	6668	6703	1.17	cps
Cadmium	106-1	7385	7160	7352	7299	1.66	cps
Cadmium	108-1	42	46	79	56	37.00	cps
Calcium	43-1	1933400	1983328	1956149	1957625	1.28	cps
Calcium	44-1	30767693	30657913	30734943	30720183	0.18	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1783	1877	1980	1880	5.23	cps
Cobalt	59-2	1153	1050	1137	1113	4.98	cps
Copper	63-2	2507	2507	2400	2471	2.49	cps
Dysprosium	156-1	8	58	25	31	83.32	cps
Dysprosium	156-2	23	47	33	34	34.00	cps
Erbium	164-1	208	167	150	175	17.17	cps
Erbium	164-2	123	93	97	104	15.75	cps
Gadolinium	160-1	117	200	183	167	26.46	cps
Gadolinium	160-2	400	377	340	372	8.13	cps
Holmium	165-1	18240145	18368859	18538462	18382489	0.81	cps
Holmium	165-2	12503002	12359096	12637206	12499768	1.11	cps
Indium	115-1	14148653	14323670	14192996	14221773	0.64	cps
Indium	115-2	4827252	4893045	4849102	4856466	0.69	cps
Iron	56-2	48264	48005	48245	48171	0.30	cps
Iron	57-2	17271	17649	17967	17629	1.97	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-02	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-4-GW-062022	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 20:17:36	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2733	3184	2933	2950	7.65	cps
Krypton	83-1	1933	1750	1963	1882	6.14	cps
Lead	206-1	2639	2450	2200	2430	9.06	cps
Lead	207-1	2284	1939	1911	2045	10.14	cps
Lead	208-1	10357	9640	9024	9674	6.90	cps
Lithium	6-1	3838398	3757507	3775453	3790452	1.12	cps
Magnesium	24-2	3037734	2973221	3015283	3008746	1.09	cps
Manganese	55-2	327929	325627	330673	328076	0.77	cps
Molybdenum	94-1	3951	3534	3642	3709	5.83	cps
Molybdenum	95-1	5768	5910	4984	5554	8.97	cps
Molybdenum	96-1	5876	5818	5618	5771	2.35	cps
Molybdenum	97-1	3159	3392	3425	3325	4.37	cps
Molybdenum	98-1	8228	8119	8127	8158	0.74	cps
Neodymium	150-1	87	80	73	80	8.33	cps
Neodymium	150-2	23	23	37	28	27.73	cps
Nickel	60-2	1067	927	1027	1007	7.16	cps
Phosphorus	31-2	250	283	333	289	14.52	cps
Potassium	39-2	703733	708193	708501	706809	0.38	cps
Rhodium	103-1	13069972	13053673	13094535	13072727	0.16	cps
Rhodium	103-2	8004678	8026609	8092859	8041382	0.57	cps
Scandium	45-1	9398825	9321090	9319422	9346446	0.49	cps
Scandium	45-2	741089	737014	750328	742811	0.92	cps
Selenium	82-1	330	580	342	417	33.82	cps
Selenium	77-2	20	13	10	14	35.26	cps
Selenium	78-2	280	257	293	277	6.44	cps
Silicon	28-1	27138069	27737047	27494496	27456538	1.10	cps
Silver	107-1	2592	2200	1642	2145	22.26	cps
Silver	109-1	2092	1934	1625	1884	12.60	cps
Sodium	23-2	7134278	7129259	7179221	7147586	0.38	cps
Strontium	86-1	1695917	1729987	1694278	1706727	1.18	cps
Strontium	88-1	14624837	14769956	14717618	14704137	0.50	cps
Sulfur	34-1	973830	978960	971987	974926	0.37	cps
Terbium	159-1	19037944	19005591	18950781	18998105	0.23	cps
Terbium	159-2	12636226	12337653	12321767	12431882	1.42	cps
Thallium	203-1	967	725	792	828	15.08	cps
Thallium	205-1	2050	2084	2042	2059	1.07	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-02	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-4-GW-062022	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 20:17:36	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1789	1583	1428	1600	11.32	cps
Tin	118-1	3634	3400	3425	3487	3.68	cps
Titanium	47-1	1100	975	1258	1111	12.78	cps
Uranium	238-1	22871	22187	22236	22431	1.70	cps
Vanadium	51-2	557	563	563	561	0.69	cps
Yttrium	89-1	20198895	20589376	20540519	20442930	1.04	cps
Yttrium	89-2	4861403	4795005	4893078	4849829	1.03	cps
Zinc	66-2	5384	5264	5294	5314	1.18	cps
Zirconium	90-1	2009	2159	1858	2009	7.47	cps
Zirconium	91-1	442	392	317	383	16.41	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-04	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-6-GW-062022	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 20:20:28	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9548	9114	8914	9192	3.53	cps
Antimony	121-1	1358	1300	1217	1292	5.51	cps
Arsenic	75-2	56	48	69	57	17.96	cps
Barium	135-1	259784	262550	258952	260429	0.72	cps
Barium	137-1	459897	467775	464244	463972	0.85	cps
Beryllium	9-1	60	67	80	69	14.78	cps
Bismuth	209-1	11636197	11536216	11742484	11638299	0.89	cps
Bismuth	209-2	9242443	9201172	9215574	9219730	0.23	cps
Boron	10-1	12539	12989	12814	12781	1.78	cps
Boron	11-1	58519	61572	61816	60636	3.03	cps
Bromine	81-1	20548	21316	20548	20804	2.13	cps
Bromine	81-2	1231	1361	1512	1368	10.25	cps
Cadmium	111-1	6676	6560	6562	6599	1.01	cps
Cadmium	106-1	7310	7152	7235	7233	1.10	cps
Cadmium	108-1	83	42	67	64	32.82	cps
Calcium	43-1	1698530	1662318	1694861	1685236	1.18	cps
Calcium	44-1	26030638	26359020	26629904	26339854	1.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2887	2940	2970	2933	1.44	cps
Cobalt	59-2	457	490	493	480	4.22	cps
Copper	63-2	2320	2344	2337	2334	0.52	cps
Dysprosium	156-1	42	25	133	67	87.50	cps
Dysprosium	156-2	67	47	40	51	27.15	cps
Erbium	164-1	133	150	125	136	9.35	cps
Erbium	164-2	137	153	117	136	13.54	cps
Gadolinium	160-1	150	208	158	172	18.32	cps
Gadolinium	160-2	353	333	380	356	6.59	cps
Holmium	165-1	18181889	18551635	18391353	18374959	1.01	cps
Holmium	165-2	12393886	12453095	12255336	12367439	0.82	cps
Indium	115-1	14146304	14195095	13959358	14100252	0.88	cps
Indium	115-2	4881095	4864529	4854352	4866659	0.28	cps
Iron	56-2	102259	103931	105235	103808	1.44	cps
Iron	57-2	15881	16843	16498	16407	2.97	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-04	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-6-GW-062022	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 20:20:28	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	6037	5767	6058	5954	2.72	cps
Krypton	83-1	1797	1760	1787	1781	1.06	cps
Lead	206-1	1467	1567	1589	1541	4.23	cps
Lead	207-1	1300	1089	1350	1246	11.12	cps
Lead	208-1	5928	5845	6078	5951	1.99	cps
Lithium	6-1	3881714	3850997	3783210	3838640	1.31	cps
Magnesium	24-2	2998116	2986037	2990479	2991544	0.20	cps
Manganese	55-2	4697	4664	4831	4731	1.86	cps
Molybdenum	94-1	1934	1959	2159	2017	6.12	cps
Molybdenum	95-1	2284	2467	2467	2406	4.40	cps
Molybdenum	96-1	2900	3042	3192	3045	4.79	cps
Molybdenum	97-1	1525	1525	1792	1614	9.54	cps
Molybdenum	98-1	3976	4142	4059	4059	2.05	cps
Neodymium	150-1	153	107	73	111	36.17	cps
Neodymium	150-2	27	53	27	36	43.29	cps
Nickel	60-2	1080	1153	1103	1112	3.37	cps
Phosphorus	31-2	258	292	333	294	12.76	cps
Potassium	39-2	874264	873784	889045	879031	0.99	cps
Rhodium	103-1	13033566	13111659	13003091	13049439	0.43	cps
Rhodium	103-2	8163180	8081051	8097597	8113943	0.54	cps
Scandium	45-1	9372381	9304175	9303236	9326597	0.43	cps
Scandium	45-2	753356	753266	757037	754553	0.29	cps
Selenium	82-1	885	920	874	893	2.73	cps
Selenium	77-2	53	47	47	49	7.86	cps
Selenium	78-2	376	411	430	406	6.73	cps
Silicon	28-1	25409650	25722341	25359677	25497222	0.77	cps
Silver	107-1	600	583	617	600	2.78	cps
Silver	109-1	508	450	542	500	9.28	cps
Sodium	23-2	7116395	7056295	7200225	7124305	1.01	cps
Strontium	86-1	1754873	1734479	1727791	1739048	0.81	cps
Strontium	88-1	15105361	14940153	14744513	14930009	1.21	cps
Sulfur	34-1	924631	928154	934726	929170	0.55	cps
Terbium	159-1	18898205	19108433	18785506	18930714	0.87	cps
Terbium	159-2	12367546	12389778	12385534	12380953	0.10	cps
Thallium	203-1	375	358	458	397	13.49	cps
Thallium	205-1	917	1092	950	986	9.42	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-04	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-6-GW-062022	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 20:20:28	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1111	906	828	948	15.45	cps
Tin	118-1	7786	7694	7369	7616	2.88	cps
Titanium	47-1	883	1117	1067	1022	12.02	cps
Uranium	238-1	11739	11973	11664	11792	1.36	cps
Vanadium	51-2	683	777	593	684	13.39	cps
Yttrium	89-1	20495689	20335050	20187532	20339424	0.76	cps
Yttrium	89-2	4897023	4893013	4876939	4888991	0.22	cps
Zinc	66-2	3781	3774	3737	3764	0.62	cps
Zirconium	90-1	1567	1383	1242	1397	11.67	cps
Zirconium	91-1	258	367	292	306	18.16	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-06	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-5-GW-062022	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 20:23:22	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1772	1911	1683	1789	6.42	cps
Antimony	121-1	617	542	533	564	8.14	cps
Arsenic	75-2	59	93	80	77	21.78	cps
Barium	135-1	190320	189835	191885	190680	0.56	cps
Barium	137-1	328975	332208	334432	331872	0.83	cps
Beryllium	9-1	70	63	63	66	5.87	cps
Bismuth	209-1	11224598	11438254	11586207	11416353	1.59	cps
Bismuth	209-2	9063480	9190870	9269082	9174477	1.13	cps
Boron	10-1	11705	11663	13198	12188	7.17	cps
Boron	11-1	59456	61933	62635	61341	2.72	cps
Bromine	81-1	25097	27810	28587	27165	6.74	cps
Bromine	81-2	2563	3104	3003	2890	9.95	cps
Cadmium	111-1	4830	4801	4620	4750	2.40	cps
Cadmium	106-1	7452	7402	7010	7288	3.32	cps
Cadmium	108-1	46	63	21	43	48.71	cps
Calcium	43-1	1973643	1966366	1976117	1972042	0.26	cps
Calcium	44-1	31092416	31536314	31614266	31414332	0.90	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2220	2013	2137	2124	4.90	cps
Cobalt	59-2	543	553	663	587	11.35	cps
Copper	63-2	1857	2027	1967	1950	4.42	cps
Dysprosium	156-1	92	100	67	86	20.14	cps
Dysprosium	156-2	27	47	60	44	37.74	cps
Erbium	164-1	267	150	258	225	28.93	cps
Erbium	164-2	143	117	100	120	18.22	cps
Gadolinium	160-1	92	125	150	122	23.94	cps
Gadolinium	160-2	380	420	370	390	6.78	cps
Holmium	165-1	18345602	18255072	18543113	18381262	0.80	cps
Holmium	165-2	12559848	12467774	12660024	12562549	0.77	cps
Indium	115-1	14341492	14257757	14192611	14263953	0.52	cps
Indium	115-2	4967558	4828858	4923913	4906776	1.45	cps
Iron	56-2	35442	36601	35715	35919	1.69	cps
Iron	57-2	17221	17488	17894	17534	1.93	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-06	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-5-GW-062022	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 20:23:22	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2713	2313	2683	2570	8.68	cps
Krypton	83-1	1810	1863	1847	1840	1.48	cps
Lead	206-1	1561	1606	1411	1526	6.68	cps
Lead	207-1	1045	1000	1061	1035	3.05	cps
Lead	208-1	5634	5445	5317	5465	2.92	cps
Lithium	6-1	3797074	3695441	3746846	3746454	1.36	cps
Magnesium	24-2	4625149	4520979	4548188	4564772	1.18	cps
Manganese	55-2	20117	20177	20394	20229	0.72	cps
Molybdenum	94-1	3684	3501	3792	3659	4.03	cps
Molybdenum	95-1	6168	5476	6101	5915	6.45	cps
Molybdenum	96-1	6685	6577	6318	6527	2.89	cps
Molybdenum	97-1	3534	3842	3509	3628	5.12	cps
Molybdenum	98-1	9762	9487	9570	9606	1.47	cps
Neodymium	150-1	60	67	60	62	6.19	cps
Neodymium	150-2	33	33	37	34	5.60	cps
Nickel	60-2	957	983	897	946	4.70	cps
Phosphorus	31-2	308	392	325	342	12.91	cps
Potassium	39-2	1024048	1020584	1020144	1021592	0.21	cps
Rhodium	103-1	13086166	13157697	13250738	13164867	0.63	cps
Rhodium	103-2	8181514	8023925	8179111	8128183	1.11	cps
Scandium	45-1	9445282	9329512	9456269	9410354	0.75	cps
Scandium	45-2	764967	769261	771792	768674	0.45	cps
Selenium	82-1	158	66	165	129	42.63	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	250	220	276	249	11.18	cps
Silicon	28-1	31942428	32200735	32270652	32137938	0.54	cps
Silver	107-1	400	325	308	344	14.17	cps
Silver	109-1	317	267	367	317	15.79	cps
Sodium	23-2	12421628	12409837	12470949	12434138	0.26	cps
Strontium	86-1	626907	634324	638223	633151	0.91	cps
Strontium	88-1	5427969	5532513	5499901	5486795	0.97	cps
Sulfur	34-1	1064598	1072248	1158443	1098430	4.74	cps
Terbium	159-1	19002606	18889136	19204439	19032060	0.84	cps
Terbium	159-2	12435650	12397383	12642591	12491875	1.06	cps
Thallium	203-1	242	358	375	325	22.35	cps
Thallium	205-1	800	908	808	839	7.19	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-06	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-5-GW-062022	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 20:23:22	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	522	533	561	539	3.72	cps
Tin	118-1	3000	3184	2967	3050	3.83	cps
Titanium	47-1	908	858	833	867	4.41	cps
Uranium	238-1	3684	3734	3917	3778	3.25	cps
Vanadium	51-2	473	390	437	433	9.64	cps
Yttrium	89-1	20254077	20669811	20855409	20593099	1.50	cps
Yttrium	89-2	4988298	5004861	5024211	5005790	0.36	cps
Zinc	66-2	3574	3881	3594	3683	4.66	cps
Zirconium	90-1	1133	1050	1025	1070	5.30	cps
Zirconium	91-1	150	242	283	225	30.32	cps

LB Number : LB120754 Operator : Jaswal
 Lab Sample ID : N3239-08 Instrumnet Name : P7
 Client Sample ID : MLD-MW-3-GW-062022 Dilution Factor : 1
 Date & Time Acquired : 2022-06-18 20:26:13 DataFile Name : 042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15069	14852	14908	14943	0.75	cps
Antimony	121-1	550	667	492	569	15.65	cps
Arsenic	75-2	57	56	76	63	17.89	cps
Barium	135-1	287657	284851	284388	285632	0.62	cps
Barium	137-1	507021	504077	501450	504183	0.55	cps
Beryllium	9-1	37	67	53	52	28.78	cps
Bismuth	209-1	9051680	11385059	11618861	10685200	13.28	cps
Bismuth	209-2	9343714	9250205	9303568	9299162	0.50	cps
Boron	10-1	8494	8444	8786	8575	2.15	cps
Boron	11-1	38883	39718	41640	40080	3.53	cps
Bromine	81-1	23068	22685	23970	23241	2.84	cps
Bromine	81-2	1672	1662	1712	1682	1.57	cps
Cadmium	111-1	4054	4682	4922	4553	9.84	cps
Cadmium	106-1	5943	7135	7619	6899	12.50	cps
Cadmium	108-1	54	46	58	53	12.06	cps
Calcium	43-1	1740315	1685612	1664101	1696676	2.32	cps
Calcium	44-1	27325476	26539769	26674853	26846699	1.56	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2604	2557	2887	2682	6.66	cps
Cobalt	59-2	617	563	517	566	8.85	cps
Copper	63-2	1910	2217	2040	2056	7.49	cps
Dysprosium	156-1	100	167	292	186	52.32	cps
Dysprosium	156-2	80	87	77	81	6.28	cps
Erbium	164-1	183	333	292	269	28.74	cps
Erbium	164-2	173	140	163	159	10.77	cps
Gadolinium	160-1	133	242	275	217	34.18	cps
Gadolinium	160-2	410	417	450	426	5.04	cps
Holmium	165-1	14469103	18163798	18823149	17152017	13.68	cps
Holmium	165-2	12656592	12454068	12624243	12578301	0.86	cps
Indium	115-1	11276756	14063487	14359604	13233283	12.85	cps
Indium	115-2	4996799	4902737	4935600	4945045	0.97	cps
Iron	56-2	206825	199750	194414	200330	3.11	cps
Iron	57-2	18901	18834	19285	19007	1.28	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-08	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-3-GW-062022	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 20:26:13	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	13369	11637	10785	11930	11.04	cps
Krypton	83-1	2170	1817	1800	1929	10.83	cps
Lead	206-1	2284	2156	2534	2324	8.27	cps
Lead	207-1	1778	1972	1978	1909	5.97	cps
Lead	208-1	8573	9035	9174	8927	3.52	cps
Lithium	6-1	2957964	3701719	3724690	3461458	12.60	cps
Magnesium	24-2	3118796	3103969	3067506	3096757	0.85	cps
Manganese	55-2	15421	15571	15068	15353	1.68	cps
Molybdenum	94-1	1017	1242	1125	1128	9.98	cps
Molybdenum	95-1	700	908	658	756	17.73	cps
Molybdenum	96-1	800	967	975	914	10.80	cps
Molybdenum	97-1	425	392	500	439	12.64	cps
Molybdenum	98-1	1183	1142	1142	1156	2.08	cps
Neodymium	150-1	173	160	180	171	5.95	cps
Neodymium	150-2	83	120	130	111	22.12	cps
Nickel	60-2	1680	1503	1510	1565	6.40	cps
Phosphorus	31-2	425	342	375	381	11.02	cps
Potassium	39-2	565005	546911	558708	556875	1.65	cps
Rhodium	103-1	10520140	12991739	13130485	12214121	12.02	cps
Rhodium	103-2	8324208	8233868	8174461	8244179	0.91	cps
Scandium	45-1	7469406	9129308	9463514	8687409	12.29	cps
Scandium	45-2	766943	762324	770442	766570	0.53	cps
Selenium	82-1	-33	282	281	177	102.75	cps
Selenium	77-2	0	17	10	9	94.38	cps
Selenium	78-2	274	243	259	259	6.09	cps
Silicon	28-1	47665893	47115404	47047403	47276233	0.72	cps
Silver	107-1	292	167	233	231	27.13	cps
Silver	109-1	233	192	92	172	42.28	cps
Sodium	23-2	3459722	3396477	3389212	3415137	1.14	cps
Strontium	86-1	638586	625301	621645	628511	1.42	cps
Strontium	88-1	5374227	5418024	5455146	5415799	0.75	cps
Sulfur	34-1	987151	993890	981064	987368	0.65	cps
Terbium	159-1	14944257	18396860	18960864	17433994	12.47	cps
Terbium	159-2	12667396	12470406	12312680	12483494	1.42	cps
Thallium	203-1	358	500	358	406	20.17	cps
Thallium	205-1	767	808	750	775	3.88	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-08	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-3-GW-062022	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 20:26:13	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1083	1033	1017	1045	3.32	cps
Tin	118-1	3259	3517	3142	3306	5.81	cps
Titanium	47-1	2584	1767	2034	2128	19.58	cps
Uranium	238-1	4126	3809	4001	3979	4.01	cps
Vanadium	51-2	857	947	870	891	5.45	cps
Yttrium	89-1	16036440	20372968	21121490	19176966	14.32	cps
Yttrium	89-2	4980163	4974898	5010289	4988450	0.38	cps
Zinc	66-2	3410	3767	3510	3563	5.17	cps
Zirconium	90-1	2367	2017	2417	2267	9.63	cps
Zirconium	91-1	300	425	392	372	17.39	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-08DUP	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-3-GW-062022I	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 20:29:06	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16421	14880	16121	15807	5.17	cps
Antimony	121-1	475	467	500	481	3.61	cps
Arsenic	75-2	70	57	56	61	13.20	cps
Barium	135-1	284036	284711	289131	285960	0.97	cps
Barium	137-1	492809	500409	506562	499927	1.38	cps
Beryllium	9-1	70	47	60	59	19.88	cps
Bismuth	209-1	11731953	11706479	11639236	11692556	0.41	cps
Bismuth	209-2	9288562	9238030	9293057	9273217	0.33	cps
Boron	10-1	7877	8161	8044	8027	1.77	cps
Boron	11-1	38131	38590	38189	38303	0.65	cps
Bromine	81-1	22276	22409	22568	22418	0.65	cps
Bromine	81-2	1251	1542	1251	1348	12.43	cps
Cadmium	111-1	4619	4765	4851	4745	2.47	cps
Cadmium	106-1	7027	7402	7527	7319	3.56	cps
Cadmium	108-1	50	58	63	57	11.18	cps
Calcium	43-1	1697495	1733371	1709834	1713567	1.06	cps
Calcium	44-1	26732174	27086980	26792873	26870675	0.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2657	2544	2854	2685	5.84	cps
Cobalt	59-2	563	497	520	527	6.42	cps
Copper	63-2	1877	2003	2130	2003	6.32	cps
Dysprosium	156-1	133	150	142	142	5.88	cps
Dysprosium	156-2	87	97	83	89	7.80	cps
Erbium	164-1	308	192	233	244	24.19	cps
Erbium	164-2	133	207	153	164	23.05	cps
Gadolinium	160-1	275	183	200	219	22.25	cps
Gadolinium	160-2	397	390	433	407	5.74	cps
Holmium	165-1	18194985	18573328	18670397	18479570	1.36	cps
Holmium	165-2	12578434	12552604	12385517	12505518	0.84	cps
Indium	115-1	14352042	14407535	14354617	14371398	0.22	cps
Indium	115-2	4955563	4943703	4979254	4959507	0.36	cps
Iron	56-2	207166	200541	205183	204297	1.66	cps
Iron	57-2	18634	19146	19786	19188	3.01	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-08DUP	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-3-GW-062022I	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 20:29:06	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	11817	11065	11967	11617	4.16	cps
Krypton	83-1	1877	1993	1867	1912	3.68	cps
Lead	206-1	2128	1989	2072	2063	3.39	cps
Lead	207-1	1878	1672	1700	1750	6.37	cps
Lead	208-1	8373	8134	7868	8125	3.11	cps
Lithium	6-1	3685980	3717662	3735372	3713004	0.67	cps
Magnesium	24-2	3099960	3116837	3105599	3107465	0.28	cps
Manganese	55-2	15892	15965	15889	15915	0.27	cps
Molybdenum	94-1	1208	1017	1150	1125	8.73	cps
Molybdenum	95-1	642	567	767	658	15.35	cps
Molybdenum	96-1	900	808	942	883	7.72	cps
Molybdenum	97-1	383	500	350	411	19.16	cps
Molybdenum	98-1	1158	1042	900	1033	12.52	cps
Neodymium	150-1	133	220	180	178	24.40	cps
Neodymium	150-2	103	123	120	116	9.28	cps
Nickel	60-2	1493	1463	1603	1520	4.85	cps
Phosphorus	31-2	433	417	433	428	2.25	cps
Potassium	39-2	561010	558816	566793	562206	0.73	cps
Rhodium	103-1	13169733	13258756	13493631	13307373	1.26	cps
Rhodium	103-2	8249168	8100123	8151267	8166852	0.93	cps
Scandium	45-1	9494653	9582311	9560182	9545715	0.48	cps
Scandium	45-2	771391	764013	771085	768830	0.54	cps
Selenium	82-1	132	55	135	108	42.07	cps
Selenium	77-2	10	3	3	6	69.34	cps
Selenium	78-2	278	241	304	274	11.55	cps
Silicon	28-1	46725050	47283588	46823538	46944058	0.64	cps
Silver	107-1	217	217	175	203	11.86	cps
Silver	109-1	167	133	133	144	13.32	cps
Sodium	23-2	3376176	3407170	3430615	3404654	0.80	cps
Strontium	86-1	620566	621591	627000	623052	0.55	cps
Strontium	88-1	5370262	5397538	5407864	5391888	0.36	cps
Sulfur	34-1	986865	987424	989802	988030	0.16	cps
Terbium	159-1	19012857	19116206	19034921	19054661	0.29	cps
Terbium	159-2	12473448	12473993	12492113	12479851	0.09	cps
Thallium	203-1	192	200	258	217	16.76	cps
Thallium	205-1	633	850	617	700	18.60	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-08DUP	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-3-GW-062022I	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 20:29:06	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1017	1139	1406	1187	16.76	cps
Tin	118-1	2859	3125	6023	4002	43.85	cps
Titanium	47-1	2885	3962	2167	3005	30.07	cps
Uranium	238-1	3801	3967	3851	3873	2.21	cps
Vanadium	51-2	873	980	807	887	9.86	cps
Yttrium	89-1	20736731	20748256	20932094	20805693	0.53	cps
Yttrium	89-2	5056065	4937077	4976316	4989819	1.22	cps
Zinc	66-2	2894	3270	3160	3108	6.23	cps
Zirconium	90-1	2301	2544	1975	2274	12.55	cps
Zirconium	91-1	600	575	392	522	21.78	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-08LX5	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-3-GW-062022L	Dilution Factor :	5
Date & Time Acquired :	2022-06-18 20:31:58	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3501	2917	3117	3178	9.33	cps
Antimony	121-1	208	217	175	200	11.02	cps
Arsenic	75-2	24	15	13	17	34.45	cps
Barium	135-1	55685	55492	56923	56033	1.39	cps
Barium	137-1	94875	99121	100598	98198	3.03	cps
Beryllium	9-1	43	40	40	41	4.68	cps
Bismuth	209-1	11313278	11463457	11689289	11488675	1.65	cps
Bismuth	209-2	9333225	9208207	9225397	9255610	0.73	cps
Boron	10-1	2767	2600	2625	2664	3.37	cps
Boron	11-1	12697	12922	13014	12878	1.27	cps
Bromine	81-1	19881	20940	20623	20481	2.66	cps
Bromine	81-2	1241	1251	1341	1278	4.31	cps
Cadmium	111-1	3560	3855	3721	3712	3.99	cps
Cadmium	106-1	6727	7352	7094	7057	4.45	cps
Cadmium	108-1	63	67	63	64	3.77	cps
Calcium	43-1	353271	352942	352752	352988	0.07	cps
Calcium	44-1	5274252	5303184	5246689	5274708	0.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1657	1553	1623	1611	3.27	cps
Cobalt	59-2	123	177	150	150	17.78	cps
Copper	63-2	1047	940	997	994	5.37	cps
Dysprosium	156-1	25	25	33	28	17.31	cps
Dysprosium	156-2	23	10	13	16	44.60	cps
Erbium	164-1	100	108	158	122	25.81	cps
Erbium	164-2	93	97	107	99	7.02	cps
Gadolinium	160-1	75	83	83	81	5.98	cps
Gadolinium	160-2	383	327	340	350	8.47	cps
Holmium	165-1	18063603	18484342	18612561	18386835	1.56	cps
Holmium	165-2	12282615	12354844	12328328	12321929	0.30	cps
Indium	115-1	13888944	14073092	14316162	14092732	1.52	cps
Indium	115-2	4870573	4876848	4940717	4896046	0.79	cps
Iron	56-2	49618	48113	58458	52063	10.74	cps
Iron	57-2	3806	4251	4356	4138	7.06	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-08LX5	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-3-GW-062022L	Dilution Factor :	5
Date & Time Acquired :	2022-06-18 20:31:58	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3264	3644	3334	3414	5.93	cps
Krypton	83-1	1910	1960	1770	1880	5.24	cps
Lead	206-1	617	811	833	754	15.82	cps
Lead	207-1	522	678	667	622	13.95	cps
Lead	208-1	2528	2922	2967	2806	8.61	cps
Lithium	6-1	3626785	3731750	3720061	3692866	1.56	cps
Magnesium	24-2	608164	612266	606607	609012	0.48	cps
Manganese	55-2	3327	3127	3314	3256	3.44	cps
Molybdenum	94-1	358	392	433	394	9.53	cps
Molybdenum	95-1	192	167	192	183	7.87	cps
Molybdenum	96-1	333	275	283	297	10.62	cps
Molybdenum	97-1	192	150	75	139	42.57	cps
Molybdenum	98-1	258	350	250	286	19.39	cps
Neodymium	150-1	53	87	100	80	30.05	cps
Neodymium	150-2	10	17	17	14	26.66	cps
Nickel	60-2	357	433	410	400	9.82	cps
Phosphorus	31-2	242	292	267	267	9.38	cps
Potassium	39-2	151448	150816	152382	151549	0.52	cps
Rhodium	103-1	12872029	13183032	13279284	13111448	1.62	cps
Rhodium	103-2	8033241	8266572	8282082	8193965	1.70	cps
Scandium	45-1	9043276	9358969	9374553	9258933	2.02	cps
Scandium	45-2	748577	748689	759639	752301	0.84	cps
Selenium	82-1	-4	-102	56	-16	-486.71	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	267	213	241	240	11.18	cps
Silicon	28-1	9551366	9422574	9450712	9474884	0.71	cps
Silver	107-1	167	192	175	178	7.16	cps
Silver	109-1	100	83	83	89	10.82	cps
Sodium	23-2	684732	683241	680262	682745	0.33	cps
Strontium	86-1	124565	126138	126650	125784	0.86	cps
Strontium	88-1	1053708	1067267	1066883	1062619	0.73	cps
Sulfur	34-1	427730	433768	433926	431808	0.82	cps
Terbium	159-1	18312231	18836842	18968187	18705753	1.86	cps
Terbium	159-2	12442278	12428496	12509876	12460217	0.35	cps
Thallium	203-1	175	183	175	178	2.71	cps
Thallium	205-1	367	450	375	397	11.55	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-08LX5	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-3-GW-062022L	Dilution Factor :	5
Date & Time Acquired :	2022-06-18 20:31:58	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	600	650	689	646	6.90	cps
Tin	118-1	1625	1708	1550	1628	4.87	cps
Titanium	47-1	433	600	508	514	16.24	cps
Uranium	238-1	700	917	792	803	13.55	cps
Vanadium	51-2	193	200	183	192	4.36	cps
Yttrium	89-1	20075929	20435763	20416445	20309379	1.00	cps
Yttrium	89-2	4864337	4899876	4924231	4896148	0.62	cps
Zinc	66-2	970	930	950	950	2.11	cps
Zirconium	90-1	1050	808	925	928	13.03	cps
Zirconium	91-1	183	167	167	172	5.59	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P7
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 20:59:35	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10560305	10360588	10527402	10482765	1.02	cps
Antimony	121-1	4324294	4284395	4330106	4312932	0.58	cps
Arsenic	75-2	229691	230083	227944	229239	0.50	cps
Barium	135-1	5414263	5335619	5455418	5401767	1.13	cps
Barium	137-1	9435652	9432350	9409159	9425720	0.15	cps
Beryllium	9-1	883631	876306	876646	878861	0.47	cps
Bismuth	209-1	10702092	10659386	10452182	10604553	1.26	cps
Bismuth	209-2	8246380	8141009	8363552	8250314	1.35	cps
Boron	10-1	229496	238921	242193	236870	2.78	cps
Boron	11-1	1097629	1148285	1146458	1130791	2.54	cps
Bromine	81-1	13006	13073	13231	13103	0.88	cps
Bromine	81-2	90	60	130	93	37.63	cps
Cadmium	111-1	1217704	1223327	1214278	1218436	0.37	cps
Cadmium	106-1	141292	138625	141190	140369	1.08	cps
Cadmium	108-1	92979	93331	94028	93446	0.57	cps
Calcium	43-1	7133806	7208797	7165429	7169344	0.53	cps
Calcium	44-1	108411668	108842795	109185985	108813483	0.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1971896	1982725	1931351	1961991	1.38	cps
Cobalt	59-2	2989199	3005310	2974093	2989534	0.52	cps
Copper	63-2	21307008	21249108	21166832	21240983	0.33	cps
Dysprosium	156-1	658	708	767	711	7.62	cps
Dysprosium	156-2	517	477	473	489	4.93	cps
Erbium	164-1	158	200	250	203	22.63	cps
Erbium	164-2	160	157	153	157	2.13	cps
Gadolinium	160-1	533	675	475	561	18.33	cps
Gadolinium	160-2	700	603	670	658	7.52	cps
Holmium	165-1	18070809	17875832	17560931	17835857	1.44	cps
Holmium	165-2	12285150	12014570	12023396	12107705	1.27	cps
Indium	115-1	13048521	12945042	13012475	13002013	0.40	cps
Indium	115-2	4521999	4392917	4433049	4449322	1.48	cps
Iron	56-2	455983210	457161721	448616699	453920543	1.02	cps
Iron	57-2	11318645	11200031	11183396	11234024	0.66	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P7
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 20:59:35	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	25027790	24677525	24559126	24754814	0.98	cps
Krypton	83-1	1837	1733	1687	1752	4.38	cps
Lead	206-1	19043321	19124745	18860383	19009483	0.71	cps
Lead	207-1	15825185	16014290	15794891	15878122	0.75	cps
Lead	208-1	73869494	74448250	73124288	73814011	0.90	cps
Lithium	6-1	3592790	3552387	3518413	3554530	1.05	cps
Magnesium	24-2	98646508	98155997	97450038	98084181	0.61	cps
Manganese	55-2	14932612	14950503	14662368	14848494	1.09	cps
Molybdenum	94-1	15861850	16097615	16037617	15999027	0.77	cps
Molybdenum	95-1	22668033	22999971	22888642	22852215	0.74	cps
Molybdenum	96-1	24753273	24793972	24836272	24794506	0.17	cps
Molybdenum	97-1	14231702	13958315	14112999	14101006	0.97	cps
Molybdenum	98-1	37011827	36890406	36557562	36819932	0.64	cps
Neodymium	150-1	560	427	440	476	15.44	cps
Neodymium	150-2	130	100	110	113	13.48	cps
Nickel	60-2	786474	788572	775679	783575	0.88	cps
Phosphorus	31-2	105176	105640	105924	105580	0.36	cps
Potassium	39-2	51076034	50788530	50295844	50720136	0.78	cps
Rhodium	103-1	11926161	11746395	11741938	11804831	0.89	cps
Rhodium	103-2	7210732	7108462	7188871	7169355	0.75	cps
Scandium	45-1	8979905	8780247	8784171	8848108	1.29	cps
Scandium	45-2	708460	701510	706092	705354	0.50	cps
Selenium	82-1	89279	90448	89846	89858	0.65	cps
Selenium	77-2	7492	7395	7245	7377	1.69	cps
Selenium	78-2	25268	25244	25158	25223	0.23	cps
Silicon	28-1	30147241	30750159	30012961	30303454	1.30	cps
Silver	107-1	5733920	5584308	5636749	5651659	1.34	cps
Silver	109-1	5302261	5305682	5264405	5290783	0.43	cps
Sodium	23-2	161128170	159764504	161040848	160644507	0.48	cps
Strontium	86-1	38366266	38275880	37878802	38173649	0.68	cps
Strontium	88-1	331409657	332188699	325660099	329752818	1.08	cps
Sulfur	34-1	792144	794198	783020	789787	0.75	cps
Terbium	159-1	18338125	18233837	18307743	18293235	0.29	cps
Terbium	159-2	11901632	12019458	12078230	11999773	0.75	cps
Thallium	203-1	4588574	4583057	4541201	4570944	0.57	cps
Thallium	205-1	11016463	10860216	10672890	10849856	1.59	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P7
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 20:59:35	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	16102991	16328010	15865498	16098833	1.44	cps
Tin	118-1	3696474	3708019	3726327	3710273	0.41	cps
Titanium	47-1	6393166	6338846	6382366	6371460	0.45	cps
Uranium	238-1	13712579	14075981	13844755	13877772	1.33	cps
Vanadium	51-2	1732669	1751354	1744159	1742727	0.54	cps
Yttrium	89-1	19703200	19402347	19474793	19526780	0.80	cps
Yttrium	89-2	4624095	4635343	4563875	4607771	0.83	cps
Zinc	66-2	3729001	3693062	3659721	3693928	0.94	cps
Zirconium	90-1	8062086	8122135	8109093	8097771	0.39	cps
Zirconium	91-1	1828454	1845407	1833566	1835809	0.47	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P7
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 21:04:52	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	550	644	583	593	8.08	cps
Antimony	121-1	1617	1834	1675	1708	6.56	cps
Arsenic	75-2	7	20	19	15	45.42	cps
Barium	135-1	225	225	208	219	4.39	cps
Barium	137-1	442	425	400	422	4.97	cps
Beryllium	9-1	133	140	117	130	9.24	cps
Bismuth	209-1	11803568	11753327	11607893	11721596	0.87	cps
Bismuth	209-2	9332912	9324629	9386045	9347862	0.36	cps
Boron	10-1	3642	3267	3409	3439	5.51	cps
Boron	11-1	16167	15116	14415	15233	5.79	cps
Bromine	81-1	17177	16735	17528	17146	2.32	cps
Bromine	81-2	741	601	791	711	13.87	cps
Cadmium	111-1	3438	3438	3360	3412	1.32	cps
Cadmium	106-1	6818	6768	6668	6752	1.13	cps
Cadmium	108-1	75	50	67	64	19.92	cps
Calcium	43-1	542	533	525	533	1.56	cps
Calcium	44-1	16757	13433	13554	14581	12.93	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1433	1580	1467	1493	5.15	cps
Cobalt	59-2	220	230	237	229	3.67	cps
Copper	63-2	1600	1627	1720	1649	3.82	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	142	117	92	117	21.43	cps
Erbium	164-2	80	120	80	93	24.74	cps
Gadolinium	160-1	117	133	83	111	22.91	cps
Gadolinium	160-2	317	343	337	332	4.18	cps
Holmium	165-1	18465565	18581030	18246893	18431163	0.92	cps
Holmium	165-2	12488876	12456794	12509598	12485089	0.21	cps
Indium	115-1	14296733	14220119	14213516	14243456	0.32	cps
Indium	115-2	4925128	4893618	5068239	4962328	1.88	cps
Iron	56-2	24659	25105	26613	25459	4.02	cps
Iron	57-2	744	683	778	735	6.52	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P7
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 21:04:52	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1922	2072	2172	2056	6.13	cps
Krypton	83-1	1863	1797	1913	1858	3.15	cps
Lead	206-1	1606	1411	1350	1456	9.17	cps
Lead	207-1	1228	1000	956	1061	13.76	cps
Lead	208-1	5917	5328	4917	5388	9.33	cps
Lithium	6-1	3744329	3791449	3798734	3778171	0.78	cps
Magnesium	24-2	3373	3578	3689	3547	4.53	cps
Manganese	55-2	733	807	770	770	4.76	cps
Molybdenum	94-1	1133	983	967	1028	8.93	cps
Molybdenum	95-1	925	967	875	922	4.98	cps
Molybdenum	96-1	1317	1017	1008	1114	15.77	cps
Molybdenum	97-1	667	500	475	547	19.04	cps
Molybdenum	98-1	1667	1392	1292	1450	13.39	cps
Neodymium	150-1	27	13	0	13	100.01	cps
Neodymium	150-2	7	13	3	8	65.47	cps
Nickel	60-2	100	123	127	117	12.46	cps
Phosphorus	31-2	242	208	225	225	7.41	cps
Potassium	39-2	52424	52675	52516	52538	0.24	cps
Rhodium	103-1	13319059	13130959	13623446	13357821	1.86	cps
Rhodium	103-2	8257852	8286889	8400019	8314920	0.90	cps
Scandium	45-1	9365752	9256149	9407318	9343073	0.84	cps
Scandium	45-2	750638	746173	747620	748144	0.30	cps
Selenium	82-1	-14	36	-101	-26	-262.37	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	244	241	222	236	5.05	cps
Silicon	28-1	292339	287405	289962	289902	0.85	cps
Silver	107-1	925	1000	717	881	16.67	cps
Silver	109-1	958	658	750	789	19.49	cps
Sodium	23-2	38426	37997	37747	38057	0.90	cps
Strontium	86-1	4526	3651	3959	4045	10.98	cps
Strontium	88-1	10856	8970	8628	9485	12.66	cps
Sulfur	34-1	301338	301651	304821	302603	0.64	cps
Terbium	159-1	18782145	18765208	18998324	18848559	0.69	cps
Terbium	159-2	12472772	12531488	12518231	12507497	0.25	cps
Thallium	203-1	650	675	542	622	11.39	cps
Thallium	205-1	1483	1492	1483	1486	0.32	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P7
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 21:04:52	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	961	806	739	835	13.65	cps
Tin	118-1	1483	1525	1475	1495	1.79	cps
Titanium	47-1	550	275	333	386	37.53	cps
Uranium	238-1	650	400	408	486	29.21	cps
Vanadium	51-2	57	73	67	66	12.79	cps
Yttrium	89-1	20086591	20559691	20524739	20390340	1.29	cps
Yttrium	89-2	4928372	4942147	4973300	4947940	0.47	cps
Zinc	66-2	463	500	597	520	13.25	cps
Zirconium	90-1	1175	1150	1258	1195	4.75	cps
Zirconium	91-1	250	200	333	261	25.80	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-10	Instrumnet Name :	P7
Client Sample ID :	MLD-EB-1-DW-062022	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 21:07:49	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	856	678	828	787	12.15	cps
Antimony	121-1	708	525	658	631	15.03	cps
Arsenic	75-2	7	11	13	10	26.93	cps
Barium	135-1	1092	1067	1017	1058	3.61	cps
Barium	137-1	1650	1658	1950	1753	9.75	cps
Beryllium	9-1	80	120	103	101	19.87	cps
Bismuth	209-1	11847917	11845441	11811538	11834966	0.17	cps
Bismuth	209-2	9473393	9432789	9446546	9450909	0.22	cps
Boron	10-1	2384	2117	2275	2259	5.94	cps
Boron	11-1	10771	10996	10162	10643	4.05	cps
Bromine	81-1	13823	14007	14149	13993	1.17	cps
Bromine	81-2	40	90	40	57	50.94	cps
Cadmium	111-1	3712	3969	3521	3734	6.01	cps
Cadmium	106-1	7427	7936	7035	7466	6.05	cps
Cadmium	108-1	58	79	75	71	15.57	cps
Calcium	43-1	4126	4242	4476	4281	4.16	cps
Calcium	44-1	71619	72719	72892	72410	0.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1530	1717	1610	1619	5.79	cps
Cobalt	59-2	143	153	167	154	7.58	cps
Copper	63-2	1823	1867	1777	1822	2.47	cps
Dysprosium	156-1	0	8	25	11	114.58	cps
Dysprosium	156-2	7	13	10	10	33.30	cps
Erbium	164-1	167	192	133	164	17.86	cps
Erbium	164-2	80	107	97	94	14.27	cps
Gadolinium	160-1	92	117	92	100	14.43	cps
Gadolinium	160-2	293	447	330	357	22.45	cps
Holmium	165-1	18811826	18928834	18767981	18836213	0.44	cps
Holmium	165-2	12714830	12619401	12925457	12753230	1.23	cps
Indium	115-1	14888288	14905418	14603796	14799167	1.14	cps
Indium	115-2	5056778	5027916	5035703	5040132	0.30	cps
Iron	56-2	35811	34551	34094	34819	2.55	cps
Iron	57-2	1150	1000	1000	1050	8.25	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-10	Instrumnet Name :	P7
Client Sample ID :	MLD-EB-1-DW-062022	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 21:07:49	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2363	2613	2313	2429	6.62	cps
Krypton	83-1	2027	1993	1760	1927	7.54	cps
Lead	206-1	1678	1506	1889	1691	11.36	cps
Lead	207-1	1539	1506	1389	1478	5.33	cps
Lead	208-1	6779	6629	7062	6823	3.23	cps
Lithium	6-1	3838194	3909592	3795584	3847790	1.50	cps
Magnesium	24-2	8847	8452	8436	8578	2.71	cps
Manganese	55-2	1813	1760	1767	1780	1.63	cps
Molybdenum	94-1	725	775	792	764	4.54	cps
Molybdenum	95-1	842	500	725	689	25.21	cps
Molybdenum	96-1	808	733	700	747	7.43	cps
Molybdenum	97-1	425	450	567	481	15.73	cps
Molybdenum	98-1	1033	1108	1050	1064	3.70	cps
Neodymium	150-1	40	27	13	27	50.01	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	203	247	233	228	9.74	cps
Phosphorus	31-2	217	225	317	253	21.95	cps
Potassium	39-2	64487	63868	64319	64225	0.50	cps
Rhodium	103-1	13704540	13804669	13860409	13789873	0.57	cps
Rhodium	103-2	8480814	8525343	8384878	8463679	0.85	cps
Scandium	45-1	9610913	9572529	9734881	9639441	0.88	cps
Scandium	45-2	774176	773299	778308	775261	0.35	cps
Selenium	82-1	-105	-94	102	-33	-357.54	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	250	243	224	239	5.59	cps
Silicon	28-1	733431	722447	719549	725142	1.01	cps
Silver	107-1	517	450	508	492	7.39	cps
Silver	109-1	383	333	433	383	13.04	cps
Sodium	23-2	263807	259305	261496	261536	0.86	cps
Strontium	86-1	4284	4026	4059	4123	3.41	cps
Strontium	88-1	10938	11496	10980	11138	2.79	cps
Sulfur	34-1	312489	316123	317023	315212	0.76	cps
Terbium	159-1	19481156	19502487	19359087	19447577	0.40	cps
Terbium	159-2	12715859	12746391	12734016	12732089	0.12	cps
Thallium	203-1	500	442	408	450	10.31	cps
Thallium	205-1	883	900	825	870	4.53	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-10	Instrumnet Name :	P7
Client Sample ID :	MLD-EB-1-DW-062022	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 21:07:49	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	661	711	722	698	4.66	cps
Tin	118-1	1875	1950	1650	1825	8.56	cps
Titanium	47-1	283	250	292	275	8.02	cps
Uranium	238-1	308	300	217	275	18.43	cps
Vanadium	51-2	497	477	517	497	4.03	cps
Yttrium	89-1	21093337	21091820	20994058	21059738	0.27	cps
Yttrium	89-2	5091294	5118371	5064363	5091343	0.53	cps
Zinc	66-2	2997	2797	3000	2931	3.97	cps
Zirconium	90-1	1133	1133	1017	1095	6.15	cps
Zirconium	91-1	200	258	167	208	22.27	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-12	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-2-GW-062022	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 21:10:43	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	872	961	828	887	7.65	cps
Antimony	121-1	550	658	708	639	12.67	cps
Arsenic	75-2	102	89	83	91	10.40	cps
Barium	135-1	177498	177808	175749	177018	0.63	cps
Barium	137-1	308162	311295	307469	308975	0.66	cps
Beryllium	9-1	70	77	57	68	15.02	cps
Bismuth	209-1	11420252	11722275	11677072	11606533	1.40	cps
Bismuth	209-2	9358261	9249914	9291871	9300015	0.59	cps
Boron	10-1	10896	12489	12105	11830	7.03	cps
Boron	11-1	54622	56069	58611	56434	3.58	cps
Bromine	81-1	29848	31994	34207	32016	6.81	cps
Bromine	81-2	3414	3744	3895	3684	6.67	cps
Cadmium	111-1	4667	4796	4916	4793	2.60	cps
Cadmium	106-1	7069	7369	7644	7360	3.91	cps
Cadmium	108-1	33	29	46	36	24.01	cps
Calcium	43-1	1626446	1657502	1617579	1633842	1.28	cps
Calcium	44-1	25766685	26207386	25760917	25911662	0.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1593	1490	1790	1625	9.38	cps
Cobalt	59-2	757	793	747	766	3.21	cps
Copper	63-2	2200	2427	2210	2279	5.62	cps
Dysprosium	156-1	67	58	67	64	7.54	cps
Dysprosium	156-2	43	37	33	38	13.48	cps
Erbium	164-1	250	208	208	222	10.83	cps
Erbium	164-2	150	177	123	150	17.78	cps
Gadolinium	160-1	208	108	158	158	31.58	cps
Gadolinium	160-2	400	420	350	390	9.24	cps
Holmium	165-1	18712584	19034996	18749451	18832344	0.94	cps
Holmium	165-2	12725620	12738049	12807762	12757144	0.35	cps
Indium	115-1	14465451	14511443	14421591	14466162	0.31	cps
Indium	115-2	4945731	4909638	4973552	4942974	0.65	cps
Iron	56-2	21833	22406	21660	21966	1.78	cps
Iron	57-2	13478	13729	13946	13718	1.70	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-12	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-2-GW-062022	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 21:10:43	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1612	1642	1602	1618	1.29	cps
Krypton	83-1	2023	2060	1807	1963	6.97	cps
Lead	206-1	944	1067	1195	1069	11.70	cps
Lead	207-1	833	1045	878	919	12.12	cps
Lead	208-1	4173	4417	4200	4263	3.14	cps
Lithium	6-1	3783703	3761417	3817602	3787574	0.75	cps
Magnesium	24-2	4292371	4262770	4270354	4275165	0.36	cps
Manganese	55-2	890	873	893	886	1.21	cps
Molybdenum	94-1	4584	4267	4434	4429	3.58	cps
Molybdenum	95-1	6843	7077	7085	7002	1.96	cps
Molybdenum	96-1	7377	7519	7085	7327	3.02	cps
Molybdenum	97-1	4467	4776	4334	4526	5.01	cps
Molybdenum	98-1	12014	10838	11013	11288	5.62	cps
Neodymium	150-1	60	73	80	71	14.32	cps
Neodymium	150-2	37	40	33	37	9.10	cps
Nickel	60-2	527	500	450	492	7.91	cps
Phosphorus	31-2	333	275	300	303	9.66	cps
Potassium	39-2	1003372	993090	984357	993607	0.96	cps
Rhodium	103-1	13390554	13533406	13430416	13451459	0.55	cps
Rhodium	103-2	8130212	8131809	8341139	8201053	1.48	cps
Scandium	45-1	9691354	9860699	9599015	9717022	1.37	cps
Scandium	45-2	774860	764358	768646	769288	0.69	cps
Selenium	82-1	114	2	236	117	99.77	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	217	259	257	244	9.85	cps
Silicon	28-1	26405310	26402158	26297920	26368463	0.23	cps
Silver	107-1	350	400	350	367	7.87	cps
Silver	109-1	283	208	233	242	15.80	cps
Sodium	23-2	14428249	14249884	14239857	14305997	0.74	cps
Strontium	86-1	634995	633138	634417	634183	0.15	cps
Strontium	88-1	5549811	5453957	5462878	5488882	0.96	cps
Sulfur	34-1	1210733	1200469	1190104	1200435	0.86	cps
Terbium	159-1	19549598	19321383	19106893	19325958	1.15	cps
Terbium	159-2	12718864	12808994	12701270	12743042	0.45	cps
Thallium	203-1	350	333	425	369	13.22	cps
Thallium	205-1	1283	975	992	1083	16.01	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-12	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-2-GW-062022	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 21:10:43	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	589	550	583	574	3.66	cps
Tin	118-1	6202	6327	6143	6224	1.51	cps
Titanium	47-1	592	692	592	625	9.24	cps
Uranium	238-1	3301	2800	2859	2987	9.16	cps
Vanadium	51-2	560	547	467	524	9.62	cps
Yttrium	89-1	21038090	21127050	20906173	21023771	0.53	cps
Yttrium	89-2	5020070	4920172	5052870	4997704	1.38	cps
Zinc	66-2	1363	1463	1380	1402	3.82	cps
Zirconium	90-1	1225	1133	1108	1156	5.32	cps
Zirconium	91-1	158	325	250	244	34.15	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-14	Instrumnet Name :	P7
Client Sample ID :	MLD-DUPLICATE-1-GW-	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 21:13:37	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	789	778	678	748	8.18	cps
Antimony	121-1	475	542	533	517	7.03	cps
Arsenic	75-2	72	72	93	79	14.88	cps
Barium	135-1	172080	177218	173566	174288	1.52	cps
Barium	137-1	302963	306164	308920	306016	0.97	cps
Beryllium	9-1	70	50	67	62	17.22	cps
Bismuth	209-1	11170653	11653263	11972748	11598888	3.48	cps
Bismuth	209-2	9240528	9412123	9039525	9230725	2.02	cps
Boron	10-1	10646	11046	11630	11107	4.46	cps
Boron	11-1	54379	56277	55157	55271	1.73	cps
Bromine	81-1	31835	35677	37841	35118	8.66	cps
Bromine	81-2	4345	4135	4335	4272	2.78	cps
Cadmium	111-1	4546	4434	4871	4617	4.92	cps
Cadmium	106-1	6960	6718	7552	7077	6.06	cps
Cadmium	108-1	71	42	25	46	50.61	cps
Calcium	43-1	1577402	1612715	1593979	1594699	1.11	cps
Calcium	44-1	24872502	24846923	25063466	24927630	0.47	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1557	1610	1583	1583	1.68	cps
Cobalt	59-2	660	717	747	708	6.22	cps
Copper	63-2	2104	2200	2027	2110	4.12	cps
Dysprosium	156-1	58	108	75	81	31.61	cps
Dysprosium	156-2	47	50	23	40	36.33	cps
Erbium	164-1	208	175	233	206	14.24	cps
Erbium	164-2	163	170	123	152	16.58	cps
Gadolinium	160-1	117	200	233	183	32.78	cps
Gadolinium	160-2	353	377	397	376	5.78	cps
Holmium	165-1	17941447	18595137	19687732	18741439	4.71	cps
Holmium	165-2	12588785	12690582	12436987	12572118	1.02	cps
Indium	115-1	13827802	14347761	14773036	14316200	3.31	cps
Indium	115-2	4990083	5025657	4886203	4967314	1.46	cps
Iron	56-2	20676	20753	21599	21009	2.44	cps
Iron	57-2	13378	13695	13890	13655	1.89	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-14	Instrumnet Name :	P7
Client Sample ID :	MLD-DUPLICATE-1-GW-	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 21:13:37	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1972	1752	1602	1775	10.50	cps
Krypton	83-1	1957	1873	1770	1867	5.01	cps
Lead	206-1	1039	1050	1178	1089	7.09	cps
Lead	207-1	856	750	744	783	7.99	cps
Lead	208-1	4034	3795	3906	3911	3.06	cps
Lithium	6-1	3596808	3747350	3766699	3703619	2.51	cps
Magnesium	24-2	4197021	4200360	4251019	4216133	0.72	cps
Manganese	55-2	1440	1487	1337	1421	5.40	cps
Molybdenum	94-1	3876	4309	4251	4145	5.68	cps
Molybdenum	95-1	6035	6935	6643	6538	7.03	cps
Molybdenum	96-1	7294	7002	7360	7219	2.64	cps
Molybdenum	97-1	4417	4401	4276	4365	1.77	cps
Molybdenum	98-1	10221	11205	11146	10857	5.08	cps
Neodymium	150-1	80	47	93	73	32.78	cps
Neodymium	150-2	40	40	17	32	41.80	cps
Nickel	60-2	470	487	450	469	3.92	cps
Phosphorus	31-2	367	300	233	300	22.22	cps
Potassium	39-2	988896	985060	1000208	991388	0.79	cps
Rhodium	103-1	12744775	13223754	13692434	13220321	3.58	cps
Rhodium	103-2	8264362	8322348	8114404	8233705	1.30	cps
Scandium	45-1	9141206	9404109	9806731	9450682	3.55	cps
Scandium	45-2	778139	780760	764806	774568	1.10	cps
Selenium	82-1	29	95	234	119	87.58	cps
Selenium	77-2	0	10	3	4	114.60	cps
Selenium	78-2	254	224	200	226	11.91	cps
Silicon	28-1	25587429	25911333	25379542	25626101	1.05	cps
Silver	107-1	267	283	358	303	16.13	cps
Silver	109-1	183	283	242	236	21.28	cps
Sodium	23-2	13970818	14033731	14092067	14032205	0.43	cps
Strontium	86-1	619066	625534	615333	619978	0.83	cps
Strontium	88-1	5328960	5351164	5376011	5352045	0.44	cps
Sulfur	34-1	1166119	1164511	1186067	1172233	1.02	cps
Terbium	159-1	18611500	19135453	20122710	19289887	3.98	cps
Terbium	159-2	12540745	12782518	12632490	12651918	0.96	cps
Thallium	203-1	500	333	475	436	20.61	cps
Thallium	205-1	900	1025	1075	1000	9.01	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-14	Instrumnet Name :	P7
Client Sample ID :	MLD-DUPLICATE-1-GW-	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 21:13:37	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	389	578	650	539	25.02	cps
Tin	118-1	1142	1050	1208	1133	7.01	cps
Titanium	47-1	608	442	592	547	16.77	cps
Uranium	238-1	2992	2767	3042	2934	4.99	cps
Vanadium	51-2	473	503	467	481	4.06	cps
Yttrium	89-1	19681078	20400241	21453578	20511632	4.35	cps
Yttrium	89-2	5013028	5103732	4936523	5017761	1.67	cps
Zinc	66-2	9763	9970	9717	9817	1.37	cps
Zirconium	90-1	1025	967	933	975	4.76	cps
Zirconium	91-1	208	225	267	233	12.88	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-16	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-1-GW-06022	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 21:16:28	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	939	922	800	887	8.55	cps
Antimony	121-1	317	258	317	297	11.33	cps
Arsenic	75-2	256	228	257	247	6.72	cps
Barium	135-1	951212	968893	985509	968538	1.77	cps
Barium	137-1	1703024	1731226	1718465	1717572	0.82	cps
Beryllium	9-1	77	47	53	59	26.75	cps
Bismuth	209-1	11776054	11853349	11803421	11810941	0.33	cps
Bismuth	209-2	9540491	9477972	9428023	9482162	0.59	cps
Boron	10-1	6543	6585	6110	6413	4.10	cps
Boron	11-1	28961	31775	30706	30481	4.66	cps
Bromine	81-1	27359	27793	28077	27743	1.30	cps
Bromine	81-2	2603	2343	2643	2529	6.45	cps
Cadmium	111-1	4932	4936	5064	4977	1.51	cps
Cadmium	106-1	7177	7152	7410	7246	1.97	cps
Cadmium	108-1	58	54	58	57	4.22	cps
Calcium	43-1	1374244	1369237	1360222	1367901	0.52	cps
Calcium	44-1	21487795	21340993	21507108	21445299	0.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1490	1583	1503	1526	3.31	cps
Cobalt	59-2	247	313	367	309	19.47	cps
Copper	63-2	2910	2837	2920	2889	1.58	cps
Dysprosium	156-1	25	42	8	25	66.68	cps
Dysprosium	156-2	30	53	20	34	49.66	cps
Erbium	164-1	133	167	183	161	15.80	cps
Erbium	164-2	97	77	110	94	17.76	cps
Gadolinium	160-1	67	58	58	61	7.88	cps
Gadolinium	160-2	387	343	410	380	8.90	cps
Holmium	165-1	19041039	18915948	18765351	18907446	0.73	cps
Holmium	165-2	13022183	12646604	12819105	12829297	1.47	cps
Indium	115-1	14693730	14498444	14576558	14589578	0.67	cps
Indium	115-2	5024163	4966096	5013433	5001231	0.62	cps
Iron	56-2	26184	27486	27687	27119	3.01	cps
Iron	57-2	11777	12183	12222	12061	2.04	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-16	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-1-GW-06022	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 21:16:28	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2122	1982	1912	2006	5.34	cps
Krypton	83-1	1967	2014	1857	1946	4.14	cps
Lead	206-1	1328	1233	1189	1250	5.67	cps
Lead	207-1	906	1017	945	956	5.90	cps
Lead	208-1	4417	4545	4267	4410	3.15	cps
Lithium	6-1	3739722	3663127	3670381	3691077	1.15	cps
Magnesium	24-2	2207754	2201629	2153744	2187709	1.35	cps
Manganese	55-2	324459	325146	325435	325013	0.15	cps
Molybdenum	94-1	1875	2025	2050	1984	4.77	cps
Molybdenum	95-1	3059	3159	3050	3089	1.95	cps
Molybdenum	96-1	3167	3300	3284	3250	2.24	cps
Molybdenum	97-1	1833	1975	2175	1995	8.61	cps
Molybdenum	98-1	5059	4784	5043	4962	3.11	cps
Neodymium	150-1	120	120	60	100	34.64	cps
Neodymium	150-2	13	10	20	14	35.26	cps
Nickel	60-2	277	267	277	273	2.11	cps
Phosphorus	31-2	342	258	425	342	24.39	cps
Potassium	39-2	509922	513452	513565	512313	0.40	cps
Rhodium	103-1	13508843	13345007	13537231	13463694	0.77	cps
Rhodium	103-2	8309751	8331155	8272204	8304370	0.36	cps
Scandium	45-1	9648807	9684080	9658967	9663951	0.19	cps
Scandium	45-2	776249	783339	781229	780272	0.47	cps
Selenium	82-1	112	32	215	120	76.81	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	235	248	228	237	4.35	cps
Silicon	28-1	20894373	20819401	20861246	20858340	0.18	cps
Silver	107-1	275	250	250	258	5.59	cps
Silver	109-1	158	100	133	131	22.42	cps
Sodium	23-2	7224645	7192492	7206774	7207970	0.22	cps
Strontium	86-1	795085	795639	798935	796553	0.26	cps
Strontium	88-1	6776995	6822130	6851718	6816948	0.55	cps
Sulfur	34-1	1021394	1019220	1025774	1022129	0.33	cps
Terbium	159-1	19630527	19620744	19398087	19549786	0.67	cps
Terbium	159-2	12951943	12725248	12742973	12806721	0.98	cps
Thallium	203-1	367	350	383	367	4.54	cps
Thallium	205-1	800	775	767	781	2.22	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-16	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-1-GW-06022	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 21:16:28	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	511	522	489	507	3.34	cps
Tin	118-1	2634	2809	2642	2695	3.66	cps
Titanium	47-1	558	500	450	503	10.78	cps
Uranium	238-1	467	633	517	539	15.87	cps
Vanadium	51-2	180	257	213	217	17.74	cps
Yttrium	89-1	21291618	20807693	21076790	21058700	1.15	cps
Yttrium	89-2	5062798	5087088	5061673	5070520	0.28	cps
Zinc	66-2	1623	1683	1463	1590	7.15	cps
Zirconium	90-1	858	908	900	889	3.01	cps
Zirconium	91-1	133	192	183	169	18.62	cps

LB Number : LB120754 Operator : Jaswal
 Lab Sample ID : N3239-21 Instrumnet Name : P7
 Client Sample ID : MLD-MW-3-GW-062022M Dilution Factor : 1
 Date & Time Acquired : 2022-06-18 22:07:51 DataFile Name : 058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2082509	2032218	1983056	2032594	2.45	cps
Antimony	121-1	4534389	4509937	4538120	4527482	0.34	cps
Arsenic	75-2	255367	254146	254528	254680	0.25	cps
Barium	135-1	5654605	5638872	5695778	5663085	0.52	cps
Barium	137-1	10026263	9919837	10029765	9991955	0.63	cps
Beryllium	9-1	891543	900594	904938	899025	0.76	cps
Bismuth	209-1	12604475	10830003	10820867	11418448	9.00	cps
Bismuth	209-2	8922437	8655315	8622432	8733395	1.88	cps
Boron	10-1	120457	127194	132311	126654	4.69	cps
Boron	11-1	586259	605202	629522	606994	3.57	cps
Bromine	81-1	20508	19864	19822	20065	1.91	cps
Bromine	81-2	971	1171	1181	1108	10.71	cps
Cadmium	111-1	1201648	1177915	1198899	1192821	1.09	cps
Cadmium	106-1	141215	138995	138271	139494	1.10	cps
Cadmium	108-1	91163	91223	93218	91868	1.27	cps
Calcium	43-1	3027799	2998971	2989924	3005565	0.66	cps
Calcium	44-1	47996329	46948163	46942469	47295653	1.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1979653	1921107	1920577	1940445	1.75	cps
Cobalt	59-2	3082423	3102647	3091671	3092247	0.33	cps
Copper	63-2	23556115	23244418	23157994	23319509	0.90	cps
Dysprosium	156-1	242	317	392	317	23.68	cps
Dysprosium	156-2	300	243	310	284	12.64	cps
Erbium	164-1	242	217	258	239	8.78	cps
Erbium	164-2	190	150	127	156	20.59	cps
Gadolinium	160-1	300	217	167	228	29.57	cps
Gadolinium	160-2	433	460	450	448	3.01	cps
Holmium	165-1	20502923	17369691	17646333	18506316	9.37	cps
Holmium	165-2	12374327	12163547	12173708	12237194	0.97	cps
Indium	115-1	15651578	13246817	13188867	14029087	10.02	cps
Indium	115-2	4595239	4575700	4595474	4588805	0.25	cps
Iron	56-2	90093199	89261477	88656852	89337176	0.81	cps
Iron	57-2	2244867	2222857	2231004	2232909	0.50	cps

LB Number : LB120754 Operator : Jaswal
 Lab Sample ID : N3239-21 Instrumnet Name : P7
 Client Sample ID : MLD-MW-3-GW-062022M Dilution Factor : 1
 Date & Time Acquired : 2022-06-18 22:07:51 DataFile Name : 058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	5009112	4896195	4872149	4925819	1.48	cps
Krypton	83-1	1837	2000	1980	1939	4.60	cps
Lead	206-1	18778789	19142723	19261346	19060953	1.32	cps
Lead	207-1	15621517	16020077	16164238	15935277	1.76	cps
Lead	208-1	73109165	73854947	74423871	73795994	0.89	cps
Lithium	6-1	3987558	3629239	3695430	3770742	5.06	cps
Magnesium	24-2	21737691	21686717	21436999	21620469	0.74	cps
Manganese	55-2	16578189	16419054	16186914	16394719	1.20	cps
Molybdenum	94-1	9511423	9305625	9545232	9454093	1.37	cps
Molybdenum	95-1	11724371	11487702	11735912	11649328	1.20	cps
Molybdenum	96-1	12908669	12645416	12882824	12812303	1.13	cps
Molybdenum	97-1	7170895	7089561	7066351	7108936	0.77	cps
Molybdenum	98-1	18674723	18418094	18525708	18539508	0.70	cps
Neodymium	150-1	440	473	527	480	9.11	cps
Neodymium	150-2	127	197	123	149	27.81	cps
Nickel	60-2	656373	648988	645583	650315	0.85	cps
Phosphorus	31-2	383	483	267	378	28.71	cps
Potassium	39-2	10549207	10330905	10369320	10416477	1.12	cps
Rhodium	103-1	14493942	12088663	12049730	12877445	10.87	cps
Rhodium	103-2	7661217	7557544	7546385	7588382	0.83	cps
Scandium	45-1	10627699	9236403	8835953	9566685	9.83	cps
Scandium	45-2	731389	719648	714891	721976	1.18	cps
Selenium	82-1	84684	83290	83508	83827	0.89	cps
Selenium	77-2	7355	7519	7085	7320	2.99	cps
Selenium	78-2	24813	24973	24600	24795	0.75	cps
Silicon	28-1	47507795	46475750	46840449	46941331	1.11	cps
Silver	107-1	5486139	5439068	5883696	5602968	4.36	cps
Silver	109-1	5655468	5096637	5107684	5286597	6.04	cps
Sodium	23-2	35017651	34809663	34208030	34678448	1.21	cps
Strontium	86-1	2123770	2130616	2157711	2137366	0.84	cps
Strontium	88-1	18396923	18419110	18690532	18502188	0.88	cps
Sulfur	34-1	957396	935152	927813	940120	1.64	cps
Terbium	159-1	20626534	18245611	18321883	19064676	7.10	cps
Terbium	159-2	12311346	12232295	12061876	12201839	1.04	cps
Thallium	203-1	4572393	4585477	4615644	4591171	0.48	cps
Thallium	205-1	10796323	10786850	10952878	10845350	0.86	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-21	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-3-GW-062022M	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 22:07:51	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1367	1289	1289	1315	3.42	cps
Tin	118-1	3683274	3684533	3703901	3690570	0.31	cps
Titanium	47-1	3231927	3202569	3231466	3221988	0.52	cps
Uranium	238-1	13341828	13512838	13638271	13497645	1.10	cps
Vanadium	51-2	1748313	1692418	1711534	1717422	1.65	cps
Yttrium	89-1	22936539	19679546	19715280	20777121	9.00	cps
Yttrium	89-2	4781784	4745235	4747501	4758173	0.43	cps
Zinc	66-2	3517891	3454047	3471630	3481189	0.95	cps
Zirconium	90-1	7860285	7783743	7807215	7817081	0.50	cps
Zirconium	91-1	1806494	1770386	1804482	1793787	1.13	cps

LB Number : LB120754 Operator : Jaswal
 Lab Sample ID : N3239-22 Instrumnet Name : P7
 Client Sample ID : MLD-MW-3-GW-062022M Dilution Factor : 1
 Date & Time Acquired : 2022-06-18 22:10:28 DataFile Name : 059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2063980	2063361	2057102	2061481	0.18	cps
Antimony	121-1	4732698	4693786	4732124	4719536	0.47	cps
Arsenic	75-2	268135	266177	265269	266527	0.55	cps
Barium	135-1	5772897	5697719	5838222	5769613	1.22	cps
Barium	137-1	9945714	9949306	10164153	10019724	1.25	cps
Beryllium	9-1	881559	877256	897185	885333	1.18	cps
Bismuth	209-1	11507579	11254547	11441855	11401327	1.15	cps
Bismuth	209-2	8768199	9017735	8749781	8845239	1.69	cps
Boron	10-1	126420	128722	132605	129249	2.42	cps
Boron	11-1	601012	625641	635008	620554	2.83	cps
Bromine	81-1	19421	19889	19814	19708	1.27	cps
Bromine	81-2	1321	1221	1271	1271	3.94	cps
Cadmium	111-1	1199290	1202561	1224252	1208701	1.12	cps
Cadmium	106-1	138296	141654	140576	140175	1.22	cps
Cadmium	108-1	90899	91168	91776	91281	0.49	cps
Calcium	43-1	2960098	2950387	2940862	2950449	0.33	cps
Calcium	44-1	46684860	45859472	46210184	46251505	0.90	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1977473	1962720	1954360	1964851	0.60	cps
Cobalt	59-2	3156804	3215140	3127364	3166436	1.41	cps
Copper	63-2	23961903	23898915	23541514	23800777	0.95	cps
Dysprosium	156-1	233	242	300	258	14.06	cps
Dysprosium	156-2	240	293	253	262	10.59	cps
Erbium	164-1	200	267	267	244	15.75	cps
Erbium	164-2	143	170	157	157	8.51	cps
Gadolinium	160-1	292	308	358	319	10.86	cps
Gadolinium	160-2	490	550	490	510	6.79	cps
Holmium	165-1	18613475	18500565	18601103	18571714	0.33	cps
Holmium	165-2	12380408	12619229	12403989	12467875	1.06	cps
Indium	115-1	14082209	13579274	13762352	13807945	1.84	cps
Indium	115-2	4677776	4582593	4647371	4635914	1.05	cps
Iron	56-2	91936127	91880724	90889810	91568887	0.64	cps
Iron	57-2	2309084	2308294	2256220	2291199	1.32	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-22	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-3-GW-062022M	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 22:10:28	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	4962788	5024325	5009645	4998919	0.64	cps
Krypton	83-1	1887	2013	1980	1960	3.35	cps
Lead	206-1	19330343	19324605	19578606	19411185	0.75	cps
Lead	207-1	16191458	16208524	16495720	16298567	1.05	cps
Lead	208-1	75150979	75598949	76043108	75597679	0.59	cps
Lithium	6-1	3777435	3677002	3689752	3714729	1.47	cps
Magnesium	24-2	22138085	21975317	22110047	22074483	0.39	cps
Manganese	55-2	16717822	16745108	16743142	16735357	0.09	cps
Molybdenum	94-1	9532145	9556357	9485957	9524820	0.38	cps
Molybdenum	95-1	11598998	11644001	11577691	11606897	0.29	cps
Molybdenum	96-1	12691062	12691789	12831311	12738054	0.63	cps
Molybdenum	97-1	7130519	7129776	7149721	7136672	0.16	cps
Molybdenum	98-1	18444702	18577257	18574408	18532122	0.41	cps
Neodymium	150-1	440	527	540	502	10.81	cps
Neodymium	150-2	160	133	123	139	13.65	cps
Nickel	60-2	1079380	1081282	1072531	1077731	0.43	cps
Phosphorus	31-2	425	408	425	419	2.29	cps
Potassium	39-2	10647918	10527540	10494549	10556669	0.76	cps
Rhodium	103-1	12544921	12508462	12567992	12540458	0.24	cps
Rhodium	103-2	7726677	7615512	7701729	7681306	0.76	cps
Scandium	45-1	9272363	9013314	9029290	9104989	1.59	cps
Scandium	45-2	729992	721531	721681	724401	0.67	cps
Selenium	82-1	83808	84160	85488	84486	1.05	cps
Selenium	77-2	7198	7552	7462	7404	2.48	cps
Selenium	78-2	25208	25145	25257	25203	0.22	cps
Silicon	28-1	45952730	45474206	45456875	45627937	0.62	cps
Silver	107-1	5448613	5544042	5646784	5546480	1.79	cps
Silver	109-1	5269865	5156570	5343793	5256743	1.79	cps
Sodium	23-2	35292068	35338380	35184670	35271706	0.22	cps
Strontium	86-1	2127783	2137284	2128046	2131038	0.25	cps
Strontium	88-1	18362097	18558778	18553821	18491565	0.61	cps
Sulfur	34-1	897682	902039	898590	899437	0.26	cps
Terbium	159-1	18756063	19133951	19152766	19014260	1.18	cps
Terbium	159-2	12554302	12283181	12387487	12408323	1.10	cps
Thallium	203-1	4715884	4722590	4774741	4737738	0.68	cps
Thallium	205-1	11039928	11145736	11325901	11170522	1.29	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-22	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-3-GW-062022M	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 22:10:28	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1395	1261	1333	1330	5.02	cps
Tin	118-1	3783478	3673006	3706149	3720878	1.52	cps
Titanium	47-1	3176211	3195062	3158142	3176472	0.58	cps
Uranium	238-1	13596238	13887538	14117833	13867203	1.88	cps
Vanadium	51-2	1746384	1726284	1713393	1728687	0.96	cps
Yttrium	89-1	20322301	20201829	20243302	20255811	0.30	cps
Yttrium	89-2	4809986	4713951	4764194	4762711	1.01	cps
Zinc	66-2	3492739	3519749	3518855	3510447	0.44	cps
Zirconium	90-1	7863641	7830687	7891069	7861799	0.38	cps
Zirconium	91-1	1762539	1770745	1769045	1767443	0.25	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-08A	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-3-GW-062022/	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 22:13:06	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2044364	2059853	2064695	2056304	0.52	cps
Antimony	121-1	4578557	4642155	4715242	4645318	1.47	cps
Arsenic	75-2	264635	264226	260701	263187	0.82	cps
Barium	135-1	5668994	5703925	5822054	5731658	1.40	cps
Barium	137-1	10044753	9977124	10178397	10066758	1.02	cps
Beryllium	9-1	870206	885281	894354	883280	1.38	cps
Bismuth	209-1	11416527	11369471	11646083	11477360	1.29	cps
Bismuth	209-2	8970659	8921480	8799917	8897352	0.99	cps
Boron	10-1	125103	128731	134674	129503	3.73	cps
Boron	11-1	603596	613111	643651	620119	3.37	cps
Bromine	81-1	20745	19655	19689	20030	3.10	cps
Bromine	81-2	1452	1231	1432	1371	8.88	cps
Cadmium	111-1	1192640	1210643	1216982	1206755	1.05	cps
Cadmium	106-1	138474	141098	143774	141116	1.88	cps
Cadmium	108-1	92090	91650	93868	92536	1.27	cps
Calcium	43-1	2982035	2954764	2977339	2971379	0.49	cps
Calcium	44-1	46741507	47041131	46903467	46895368	0.32	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1972705	1973992	1934199	1960299	1.15	cps
Cobalt	59-2	3147737	3099965	3139640	3129114	0.82	cps
Copper	63-2	23887885	23855250	23904786	23882640	0.11	cps
Dysprosium	156-1	258	275	250	261	4.88	cps
Dysprosium	156-2	267	243	263	258	4.90	cps
Erbium	164-1	167	167	175	169	2.84	cps
Erbium	164-2	130	153	157	147	9.91	cps
Gadolinium	160-1	192	308	242	247	23.68	cps
Gadolinium	160-2	500	420	403	441	11.71	cps
Holmium	165-1	18669368	18840973	19079794	18863378	1.09	cps
Holmium	165-2	12579883	12427894	12358829	12455535	0.91	cps
Indium	115-1	13995653	13871302	14050772	13972576	0.66	cps
Indium	115-2	4677571	4650152	4616929	4648217	0.65	cps
Iron	56-2	91269333	91369685	90398763	91012594	0.59	cps
Iron	57-2	2296150	2282923	2259752	2279608	0.81	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-08A	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-3-GW-062022/	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 22:13:06	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	5037848	5039401	4972580	5016610	0.76	cps
Krypton	83-1	1897	1883	1820	1867	2.19	cps
Lead	206-1	19296141	19529928	19591097	19472389	0.80	cps
Lead	207-1	16067163	16299790	16384144	16250366	1.01	cps
Lead	208-1	74537036	75266590	75850824	75218150	0.88	cps
Lithium	6-1	3612900	3659784	3673381	3648688	0.87	cps
Magnesium	24-2	22000580	22086610	21863957	21983716	0.51	cps
Manganese	55-2	16535936	16809043	16245742	16530240	1.70	cps
Molybdenum	94-1	9411779	9531840	9562273	9501964	0.84	cps
Molybdenum	95-1	11551106	11709295	11651879	11637426	0.69	cps
Molybdenum	96-1	12828062	13102839	12935419	12955440	1.07	cps
Molybdenum	97-1	7192716	7231928	7183341	7202662	0.36	cps
Molybdenum	98-1	18501446	18839648	18863279	18734791	1.08	cps
Neodymium	150-1	520	587	507	538	7.97	cps
Neodymium	150-2	153	120	113	129	16.63	cps
Nickel	60-2	866727	866819	864824	866123	0.13	cps
Phosphorus	31-2	342	433	350	375	13.52	cps
Potassium	39-2	10646735	10686386	10546681	10626601	0.68	cps
Rhodium	103-1	12689754	12785392	12809464	12761537	0.50	cps
Rhodium	103-2	7760732	7831053	7629812	7740532	1.32	cps
Scandium	45-1	9300110	9197444	9270373	9255976	0.57	cps
Scandium	45-2	732006	732362	726574	730314	0.44	cps
Selenium	82-1	84206	84047	85732	84662	1.10	cps
Selenium	77-2	7249	7392	7178	7273	1.50	cps
Selenium	78-2	25236	25479	24949	25221	1.05	cps
Silicon	28-1	45726526	45345284	44989119	45353643	0.81	cps
Silver	107-1	5506880	5538635	5495829	5513781	0.40	cps
Silver	109-1	5122281	5200177	5196737	5173065	0.85	cps
Sodium	23-2	35192613	35307226	34761920	35087253	0.82	cps
Strontium	86-1	2126225	2190795	2155688	2157569	1.50	cps
Strontium	88-1	18448584	18533021	18468029	18483211	0.24	cps
Sulfur	34-1	897523	888939	895508	893990	0.50	cps
Terbium	159-1	19206261	19002305	19202561	19137042	0.61	cps
Terbium	159-2	12483306	12444701	12302033	12410013	0.77	cps
Thallium	203-1	4636459	4741252	4768712	4715474	1.48	cps
Thallium	205-1	10987839	11167653	11224097	11126529	1.11	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	N3239-08A	Instrumnet Name :	P7
Client Sample ID :	MLD-MW-3-GW-062022/	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 22:13:06	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1239	1311	1167	1239	5.83	cps
Tin	118-1	3671873	3770332	3786697	3742967	1.66	cps
Titanium	47-1	3198537	3174062	3212295	3194965	0.61	cps
Uranium	238-1	13665625	14012749	14161790	13946721	1.83	cps
Vanadium	51-2	1737405	1751547	1726619	1738524	0.72	cps
Yttrium	89-1	20369300	20470470	20177360	20339043	0.73	cps
Yttrium	89-2	4851247	4868152	4709191	4809530	1.82	cps
Zinc	66-2	3535129	3525753	3518889	3526591	0.23	cps
Zirconium	90-1	7847037	7891607	7770780	7836475	0.78	cps
Zirconium	91-1	1762736	1793043	1767244	1774341	0.92	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P7
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 22:19:10	DataFile Name :	062CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10874950	10827012	10741314	10814425	0.63	cps
Antimony	121-1	4239635	4251888	4339919	4277147	1.28	cps
Arsenic	75-2	238718	237175	237564	237819	0.34	cps
Barium	135-1	5386355	5516043	5467920	5456773	1.20	cps
Barium	137-1	9540698	9674796	9613118	9609538	0.70	cps
Beryllium	9-1	871794	877815	886591	878733	0.85	cps
Bismuth	209-1	10864883	9918708	9718184	10167258	6.02	cps
Bismuth	209-2	8218679	8212332	8334706	8255239	0.83	cps
Boron	10-1	236033	246535	248834	243801	2.80	cps
Boron	11-1	1115896	1163496	1216052	1165148	4.30	cps
Bromine	81-1	13882	13640	12781	13434	4.31	cps
Bromine	81-2	120	170	130	140	18.90	cps
Cadmium	111-1	1171236	1184446	1192474	1182719	0.91	cps
Cadmium	106-1	133267	136235	136765	135422	1.39	cps
Cadmium	108-1	88572	90912	91356	90280	1.66	cps
Calcium	43-1	7228047	7212043	7222593	7220894	0.11	cps
Calcium	44-1	109249057	109107989	109310101	109222382	0.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2042845	2021398	1992427	2018890	1.25	cps
Cobalt	59-2	3072533	3107205	3101100	3093613	0.60	cps
Copper	63-2	21171606	21065685	21441503	21226265	0.91	cps
Dysprosium	156-1	700	750	592	681	11.89	cps
Dysprosium	156-2	527	567	493	529	6.94	cps
Erbium	164-1	217	208	192	206	6.19	cps
Erbium	164-2	163	153	140	152	7.69	cps
Gadolinium	160-1	408	575	517	500	16.92	cps
Gadolinium	160-2	643	667	563	624	8.68	cps
Holmium	165-1	18494217	16682927	16648271	17275138	6.11	cps
Holmium	165-2	12111314	12185813	12380599	12225909	1.14	cps
Indium	115-1	13497087	12105525	11967837	12523483	6.76	cps
Indium	115-2	4404885	4436062	4539375	4460107	1.58	cps
Iron	56-2	463954433	465956610	470764355	466891799	0.75	cps
Iron	57-2	11597709	11534730	11500624	11544354	0.43	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P7
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 22:19:10	DataFile Name :	062CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	25198057	25530885	25401065	25376669	0.66	cps
Krypton	83-1	1973	1987	1917	1959	1.90	cps
Lead	206-1	19125547	19370982	19037898	19178142	0.90	cps
Lead	207-1	15966165	16013972	15999894	15993344	0.15	cps
Lead	208-1	74328746	74622726	74335571	74429015	0.23	cps
Lithium	6-1	3620968	3345586	3360007	3442187	4.50	cps
Magnesium	24-2	100673013	99521836	99578174	99924341	0.65	cps
Manganese	55-2	15322539	15353029	15491331	15388967	0.58	cps
Molybdenum	94-1	15893039	16331852	16375918	16200270	1.65	cps
Molybdenum	95-1	22863138	23286002	23115093	23088078	0.92	cps
Molybdenum	96-1	24786004	25149808	25226714	25054175	0.94	cps
Molybdenum	97-1	14208831	14569532	14459589	14412650	1.28	cps
Molybdenum	98-1	36843017	37737935	37201757	37260903	1.21	cps
Neodymium	150-1	393	447	467	436	8.70	cps
Neodymium	150-2	120	123	110	118	5.89	cps
Nickel	60-2	764448	770924	764822	766731	0.47	cps
Phosphorus	31-2	109163	107367	107544	108025	0.92	cps
Potassium	39-2	52843098	53017670	52952910	52937893	0.17	cps
Rhodium	103-1	12087786	11021207	10898884	11335959	5.77	cps
Rhodium	103-2	7196520	7155272	7362286	7238026	1.51	cps
Scandium	45-1	9158513	8278140	8149001	8528551	6.44	cps
Scandium	45-2	717671	713191	723335	718066	0.71	cps
Selenium	82-1	85491	87603	86963	86686	1.25	cps
Selenium	77-2	7032	7275	7165	7157	1.70	cps
Selenium	78-2	24531	25149	24222	24634	1.92	cps
Silicon	28-1	30787067	30822045	30965634	30858249	0.31	cps
Silver	107-1	5459900	5472257	5482419	5471525	0.21	cps
Silver	109-1	5032009	5152820	5090467	5091766	1.19	cps
Sodium	23-2	165175520	166636476	164122043	165311346	0.76	cps
Strontium	86-1	38887450	39030553	39306896	39074966	0.55	cps
Strontium	88-1	338917041	340475558	339195591	339529396	0.24	cps
Sulfur	34-1	769644	762748	765039	765810	0.46	cps
Terbium	159-1	18748421	17055844	17027134	17610466	5.60	cps
Terbium	159-2	12106715	11976985	12335193	12139631	1.49	cps
Thallium	203-1	4630819	4641586	4588287	4620231	0.61	cps
Thallium	205-1	10834296	10991904	10856130	10894110	0.78	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P7
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 22:19:10	DataFile Name :	062CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	15858638	15964911	16145109	15989552	0.91	cps
Tin	118-1	3713001	3728772	3739221	3726998	0.35	cps
Titanium	47-1	6429236	6424324	6448868	6434143	0.20	cps
Uranium	238-1	13776521	13653214	14024208	13817981	1.37	cps
Vanadium	51-2	1775456	1799122	1765654	1780077	0.97	cps
Yttrium	89-1	20119716	18155586	17914789	18730031	6.46	cps
Yttrium	89-2	4614281	4696133	4759450	4689955	1.55	cps
Zinc	66-2	3632177	3608143	3661046	3633789	0.73	cps
Zirconium	90-1	8144943	8231677	8246318	8207646	0.67	cps
Zirconium	91-1	1840225	1877384	1865508	1861039	1.02	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P7
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 22:23:57	DataFile Name :	063CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	644	850	689	728	14.86	cps
Antimony	121-1	2434	2400	2284	2372	3.32	cps
Arsenic	75-2	30	31	26	29	9.74	cps
Barium	135-1	258	358	317	311	16.15	cps
Barium	137-1	550	558	525	544	3.19	cps
Beryllium	9-1	230	243	200	224	9.89	cps
Bismuth	209-1	11609225	11567413	11244162	11473600	1.74	cps
Bismuth	209-2	9416327	9351810	9334931	9367689	0.46	cps
Boron	10-1	5851	5760	5343	5651	4.80	cps
Boron	11-1	26582	26264	24127	25658	5.20	cps
Bromine	81-1	15192	15734	15542	15489	1.77	cps
Bromine	81-2	460	481	380	440	12.03	cps
Cadmium	111-1	3888	3341	3252	3494	9.86	cps
Cadmium	106-1	7569	6660	6368	6866	9.12	cps
Cadmium	108-1	46	125	67	79	51.84	cps
Calcium	43-1	708	667	617	664	6.91	cps
Calcium	44-1	15781	15582	14780	15381	3.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1397	1620	1540	1519	7.45	cps
Cobalt	59-2	233	230	237	233	1.43	cps
Copper	63-2	2160	2260	2050	2157	4.87	cps
Dysprosium	156-1	8	33	8	17	86.62	cps
Dysprosium	156-2	17	10	0	9	94.38	cps
Erbium	164-1	125	133	167	142	15.56	cps
Erbium	164-2	93	100	93	96	4.03	cps
Gadolinium	160-1	75	100	100	92	15.75	cps
Gadolinium	160-2	373	317	407	366	12.45	cps
Holmium	165-1	18361157	18515301	17938397	18271618	1.63	cps
Holmium	165-2	12815025	12718929	12689934	12741296	0.51	cps
Indium	115-1	14574012	14368175	14004611	14315599	2.01	cps
Indium	115-2	5015177	5028902	5064717	5036266	0.51	cps
Iron	56-2	30320	34262	30091	31558	7.43	cps
Iron	57-2	933	928	883	915	3.00	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P7
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 22:23:57	DataFile Name :	063CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2713	2283	2443	2479	8.78	cps
Krypton	83-1	1807	1887	2047	1913	6.39	cps
Lead	206-1	2117	2084	2034	2078	2.02	cps
Lead	207-1	1861	1900	1533	1765	11.41	cps
Lead	208-1	8412	8051	7812	8092	3.73	cps
Lithium	6-1	3705555	3767364	3706883	3726601	0.95	cps
Magnesium	24-2	4362	4762	4167	4430	6.84	cps
Manganese	55-2	937	1080	1090	1036	8.28	cps
Molybdenum	94-1	1400	1242	1117	1253	11.34	cps
Molybdenum	95-1	1408	1633	1383	1475	9.34	cps
Molybdenum	96-1	1492	1700	1558	1583	6.72	cps
Molybdenum	97-1	975	958	1000	978	2.14	cps
Molybdenum	98-1	2342	2042	1950	2111	9.70	cps
Neodymium	150-1	0	0	27	9	173.21	cps
Neodymium	150-2	7	7	10	8	24.71	cps
Nickel	60-2	160	127	70	119	38.27	cps
Phosphorus	31-2	167	200	233	200	16.67	cps
Potassium	39-2	56497	56405	55803	56235	0.67	cps
Rhodium	103-1	13425066	13697364	13240790	13454406	1.71	cps
Rhodium	103-2	8356771	8368842	8471831	8399148	0.75	cps
Scandium	45-1	9575822	9518743	9088611	9394392	2.84	cps
Scandium	45-2	771710	766704	766319	768244	0.39	cps
Selenium	82-1	191	68	-156	34	514.61	cps
Selenium	77-2	10	0	3	4	114.60	cps
Selenium	78-2	267	230	244	247	7.55	cps
Silicon	28-1	294128	296678	293405	294737	0.58	cps
Silver	107-1	1125	1183	1000	1103	8.49	cps
Silver	109-1	925	1033	925	961	6.51	cps
Sodium	23-2	48733	48370	46609	47904	2.37	cps
Strontium	86-1	4576	4267	4501	4448	3.62	cps
Strontium	88-1	12798	12622	11955	12458	3.57	cps
Sulfur	34-1	294820	293368	294546	294245	0.26	cps
Terbium	159-1	19266422	19021589	18864914	19050975	1.06	cps
Terbium	159-2	12776866	12547204	12626649	12650240	0.92	cps
Thallium	203-1	925	842	942	903	5.93	cps
Thallium	205-1	2267	2209	2259	2245	1.41	cps

LB Number :	LB120754	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P7
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired :	2022-06-18 22:23:57	DataFile Name :	063CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1000	989	1039	1009	2.60	cps
Tin	118-1	1892	1683	1884	1820	6.48	cps
Titanium	47-1	558	433	442	478	14.63	cps
Uranium	238-1	750	717	683	717	4.65	cps
Vanadium	51-2	83	87	63	78	16.23	cps
Yttrium	89-1	20645683	20778953	20107718	20510785	1.73	cps
Yttrium	89-2	5105868	5070867	5089077	5088604	0.34	cps
Zinc	66-2	733	733	613	693	9.99	cps
Zirconium	90-1	1350	1425	1333	1370	3.57	cps
Zirconium	91-1	300	267	258	275	8.02	cps