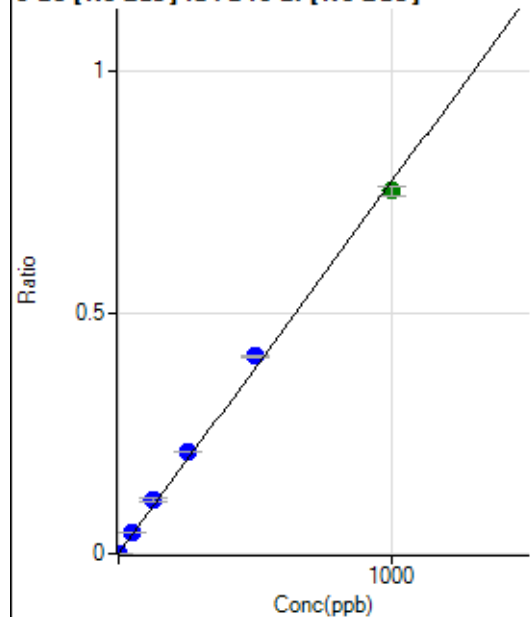


Calibration for 010CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7121223 MS.b\
 Analysis File: P7121223 MS.batch.bin
 DA Date-Time: 2023-12-14 14:20:50
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2023-12-12 14:44:46
2	006CALS.d	S02	2023-12-12 14:57:51
3	007CALS.d	S03	2023-12-12 15:01:06
4	008CALS.d	S04	2023-12-12 15:04:12
5	009CALS.d	S05	2023-12-12 15:07:06
6	010CALS.d	S06	2023-12-12 15:09:55
7	011CALS.d	S07	2023-12-12 15:12:40
8	012CALS.d	S08	2023-12-12 15:15:28

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	113.33	0.0000	P	24.9
2	☐	1.000	1.172	2369.09	0.0009	P	3.2
3	☐	50.000	57.650	107912.01	0.0445	P	1.8
4	☐	125.000	144.888	255564.08	0.1117	P	3.8
5	☐	250.000	273.073	490131.37	0.2106	P	0.3
6	☐	500.000	530.720	936813.27	0.4092	P	0.7
7	☐	1000.000	976.003	1713412.79	0.7525	A	2.5
8	☐			788.92	0.0004	P	10.2

$$y = 7.7097\text{E-}004 * x + 4.5898\text{E-}005$$

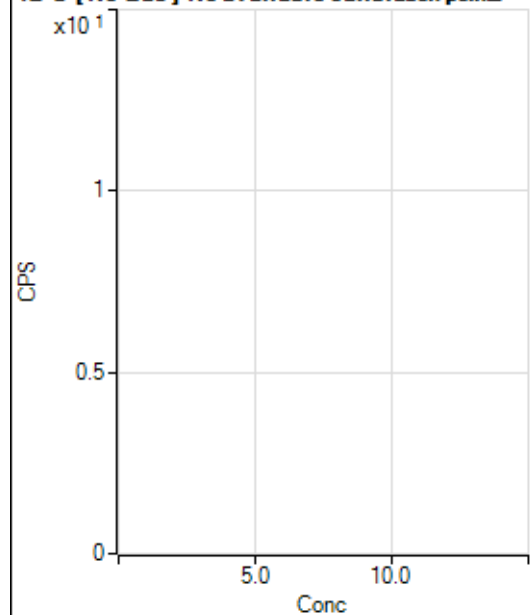
$$R = 0.9989$$

$$DL = 0.04442$$

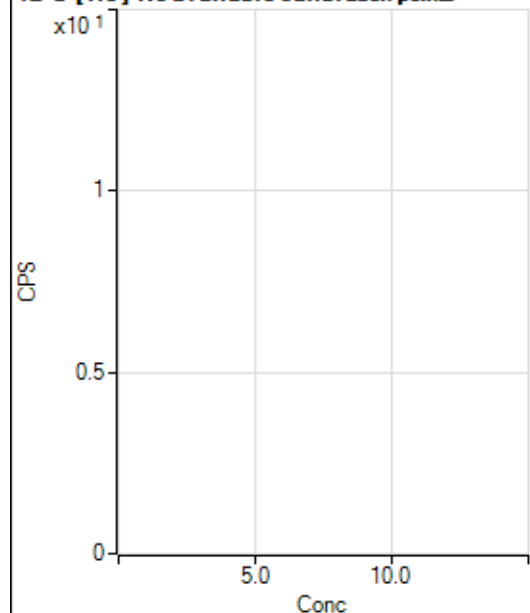
$$BEC = 0.05953$$

Weight: <None>

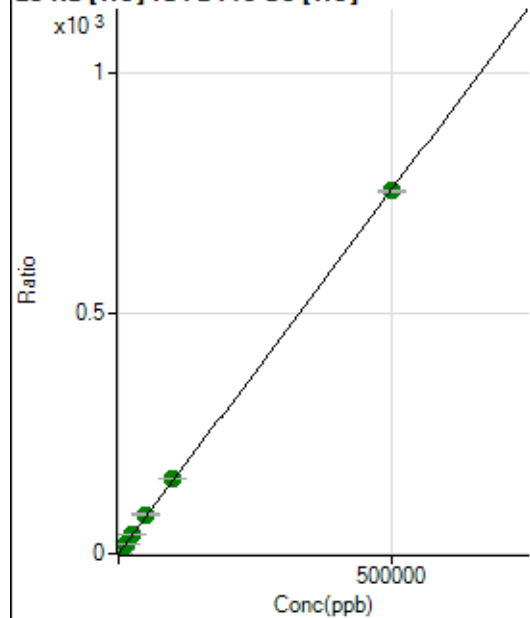
Min Conc: 0

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	19560.33	0.0467	P	1.1
2	☐	500.000	524.570	346182.81	0.8396	P	0.3
3	☐	5000.000	5184.888	3103635.44	7.8837	A	0.3
4	☐	12500.000	13149.204	7373362.39	19.9219	A	2.6
5	☐	25000.000	26712.725	14755467.28	40.4234	A	4.1
6	☐	50000.000	54125.800	29024822.07	81.8586	A	2.9
7	☐	100000.00	103112.16	56707243.60	155.9022	A	0.2
8	☐	500000.00	498861.24	258367187.2	754.0827	A	0.4

$$y = 0.0015 * x + 0.0467$$

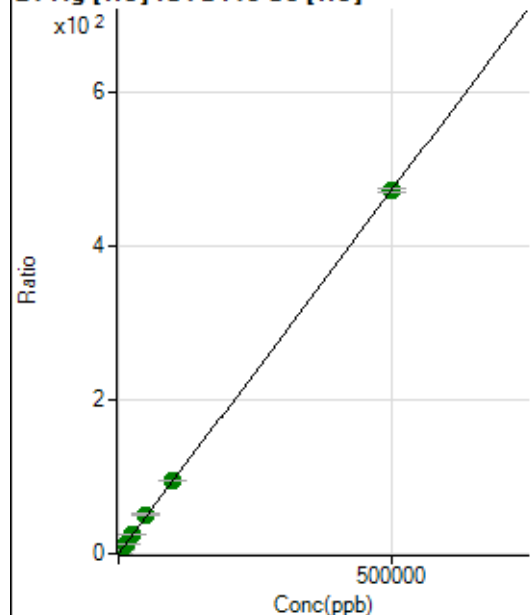
$$R = 1.0000$$

$$DL = 1.003$$

$$BEC = 30.9$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	551.13	0.0013	P	15.5
2	☐	500.000	521.661	204043.82	0.4949	P	1.3
3	☐	5000.000	5154.687	1920558.25	4.8784	A	0.7
4	☐	12500.000	13132.015	4598837.47	12.4260	A	3.0
5	☐	25000.000	26400.311	9117636.39	24.9797	A	4.3
6	☐	50000.000	53378.098	17905041.82	50.5045	A	3.5
7	☐	100000.00	101068.06	34781783.37	95.6258	A	0.5
8	☐	500000.00	499361.19	161879522.0	472.4667	A	1.0

$$y = 9.4614\text{E-}004 * x + 0.0013$$

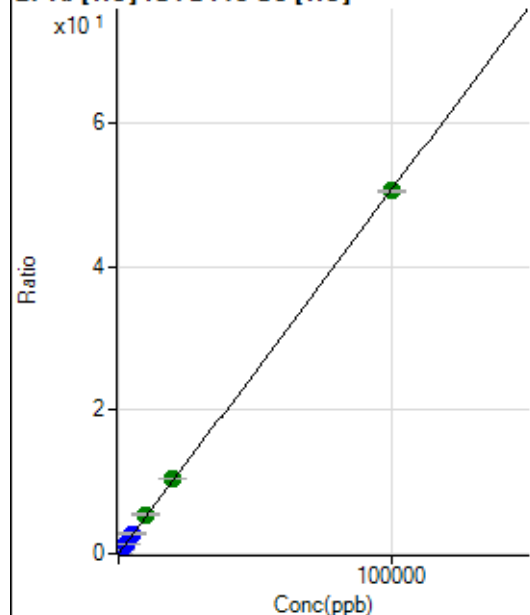
$$R = 1.0000$$

$$DL = 0.6469$$

$$BEC = 1.391$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	214.45	0.0005	P	6.5
2	☐	20.000	21.634	4726.34	0.0115	P	1.4
3	☐	1000.000	1084.210	216236.30	0.5493	P	0.2
4	☐	2500.000	2755.438	516444.70	1.3951	P	1.2
5	☐	5000.000	5528.207	1021687.12	2.7985	P	3.5
6	☐	10000.000	10759.737	1931667.89	5.4464	A	1.7
7	☐	20000.000	20740.992	3818555.22	10.4983	A	0.4
8	☐	100000.00	99742.189	17296902.52	50.4836	A	0.3

$$y = 5.0614\text{E-}004 * x + 5.1213\text{E-}004$$

$$R = 0.9999$$

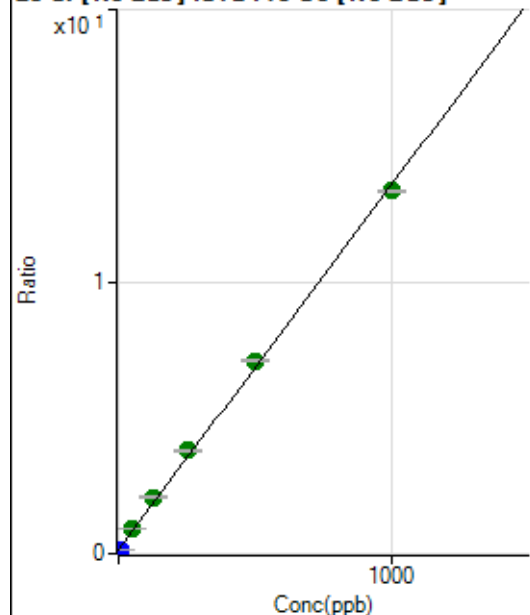
$$DL = 0.1959$$

$$BEC = 1.012$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	729657.94	0.1477	P	0.2
2	☐	10.000	0.855	777075.97	0.1591	P	1.2
3	☐	50.000	58.773	4364096.77	0.9361	A	2.9
4	☐	125.000	143.439	8875494.38	2.0719	A	3.8
5	☐	250.000	271.607	15981401.71	3.7912	A	1.4
6	☐	500.000	516.814	29526446.78	7.0806	A	0.9
7	☐	1000.000	983.539	55125887.51	13.3416	A	0.7
8	☐			818008.47	0.2042	P	0.7

$$y = 0.0134 * x + 0.1477$$

$$R = 0.9993$$

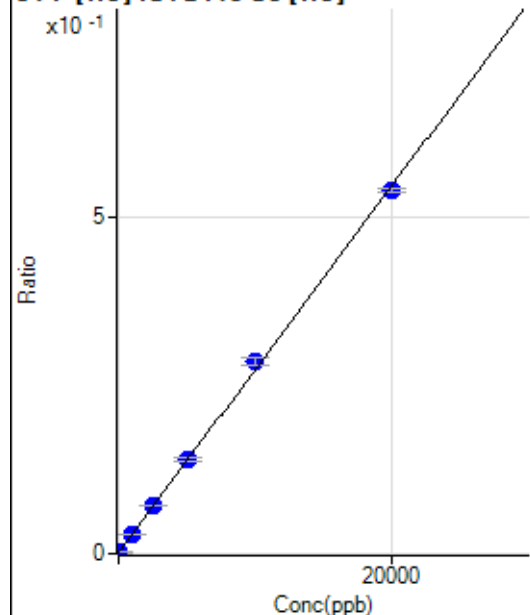
$$DL = 0.07297$$

$$BEC = 11.01$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-17.812	400.01	0.0010	P	8.6
2	☐	0.000	17.812	793.36	0.0019	P	4.3
3	☐	1000.000	1016.938	11458.82	0.0291	P	1.9
4	☐	2500.000	2578.233	26498.55	0.0716	P	1.0
5	☐	5000.000	5123.126	51400.44	0.1408	P	4.2
6	☐	10000.000	10415.004	100965.70	0.2848	P	3.6
7	☐	20000.000	19751.091	195958.63	0.5388	P	1.2
8	☐			478.90	0.0014	P	6.6

$$y = 2.7205E-005 * x + 0.0014$$

$$R = 0.9997$$

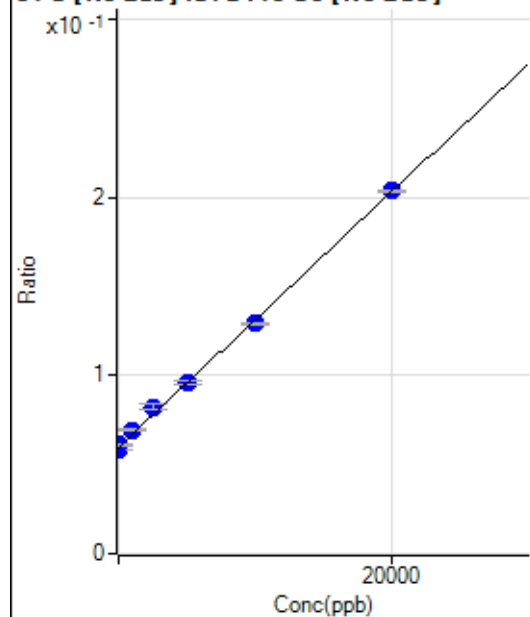
$$DL = 9.093$$

$$BEC = 52.92$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-186.096	288705.78	0.0584	P	0.9
2	☐	0.000	186.096	298359.36	0.0611	P	0.7
3	☐	1000.000	1331.453	323107.36	0.0693	P	2.3
4	☐	2500.000	3148.472	352606.12	0.0823	P	4.1
5	☐	5000.000	5087.337	405509.10	0.0962	P	2.5
6	☐	10000.000	9651.062	537534.82	0.1289	P	0.4
7	☐	20000.000	20055.003	840554.41	0.2034	P	0.7
8	☐			202690.93	0.0506	P	2.3

$$y = 7.1637\text{E-}006 * x + 0.0598$$

$$R = 0.9991$$

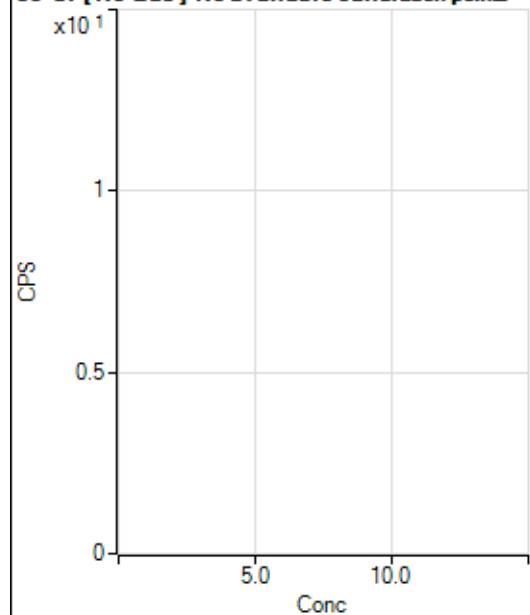
$$DL = 206.3$$

$$BEC = 8342$$

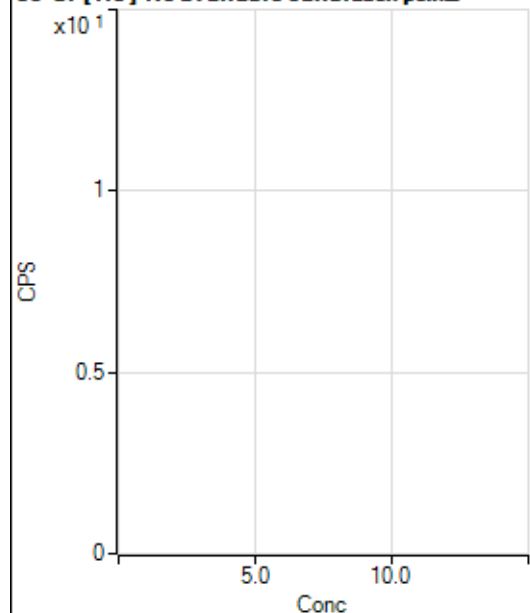
Weight: <None>

Min Conc: 0

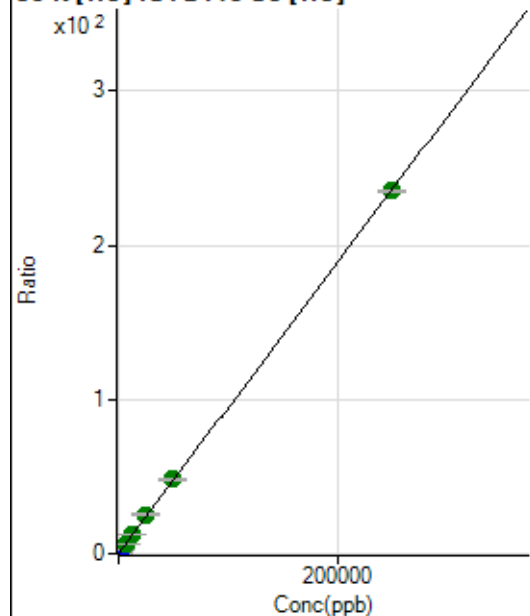
35 Cl [No Gas] No available calibration points



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

35 Cl [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	64145.46	0.1532	P	0.7
2	☐	500.000	545.335	274897.15	0.6667	P	0.4
3	☐	2500.000	2807.643	1101133.77	2.7971	P	0.7
4	☐	6250.000	6580.138	2350457.52	6.3496	A	1.2
5	☐	12500.000	13026.267	4533858.16	12.4198	A	3.8
6	☐	25000.000	26591.289	8933070.35	25.1938	A	3.0
7	☐	50000.000	50837.225	17468258.07	48.0259	A	1.0
8	☐	250000.00	249635.69	80596319.91	235.2318	A	0.5

$$y = 9.4169\text{E-}004 * x + 0.1532$$

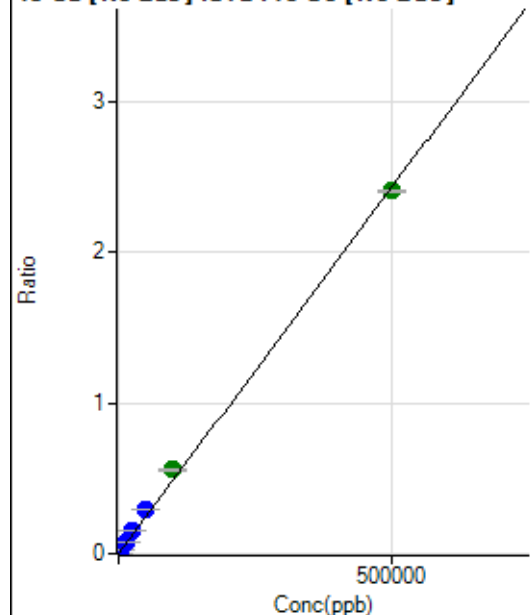
$$R = 1.0000$$

$$DL = 3.616$$

$$BEC = 162.7$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	747.80	0.0002	P	10.5
2	☐	500.000	536.573	13462.71	0.0028	P	2.1
3	☐	5000.000	6169.758	140392.13	0.0301	P	2.6
4	☐	12500.000	15648.944	326141.62	0.0761	P	4.3
5	☐	25000.000	30656.070	628230.92	0.1490	P	0.9
6	☐	50000.000	60414.356	1223916.49	0.2935	P	1.7
7	☐	100000.00	114446.78	2297003.83	0.5559	A	0.7
8	☐	500000.00	495695.94	9644986.52	2.4073	A	0.5

$$y = 4.8561\text{E-}006 * x + 1.5142\text{E-}004$$

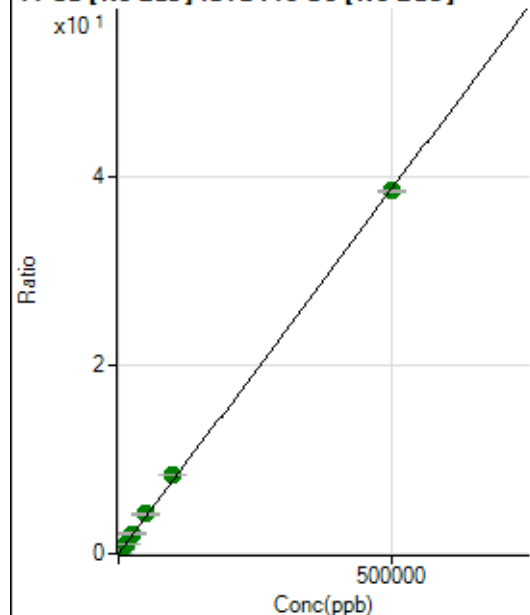
$$R = 0.9994$$

$$DL = 9.846$$

$$BEC = 31.18$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6803.81	0.0014	P	3.1
2	☐	500.000	548.157	213862.72	0.0438	P	1.2
3	☐	5000.000	5537.872	2004118.89	0.4299	A	3.7
4	☐	12500.000	14171.918	4703350.45	1.0980	A	4.1
5	☐	25000.000	27641.975	9023366.39	2.1404	A	0.5
6	☐	50000.000	54263.711	17514432.10	4.2004	A	1.6
7	☐	100000.00	107995.35	34535891.15	8.3583	A	1.3
8	☐	500000.00	497795.23	154336868.8	38.5217	A	0.5

$$y = 7.7382\text{E-}005 * x + 0.0014$$

$$R = 0.9998$$

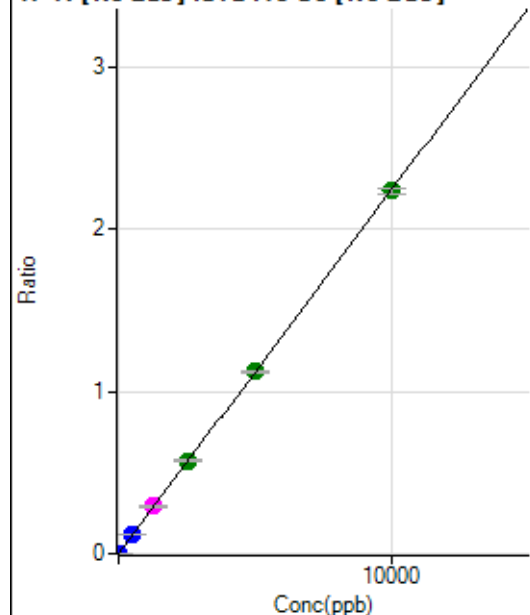
$$DL = 1.632$$

$$BEC = 17.8$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	97.78	0.0000	P	48.1
2	☐	5.000	5.300	5903.42	0.0012	P	1.0
3	☐	500.000	522.670	546619.19	0.1173	P	3.3
4	☐	1250.000	1309.785	1258242.83	0.2938	M	4.8
5	☐	2500.000	2558.324	2419162.32	0.5738	A	0.5
6	☐	5000.000	5002.830	4678981.91	1.1221	A	1.6
7	☐	10000.000	9975.397	9245276.32	2.2375	A	1.3
8	☐			3210.37	0.0008	P	6.9

$$y = 2.2430\text{E-}004 * x + 1.9817\text{E-}005$$

$$R = 1.0000$$

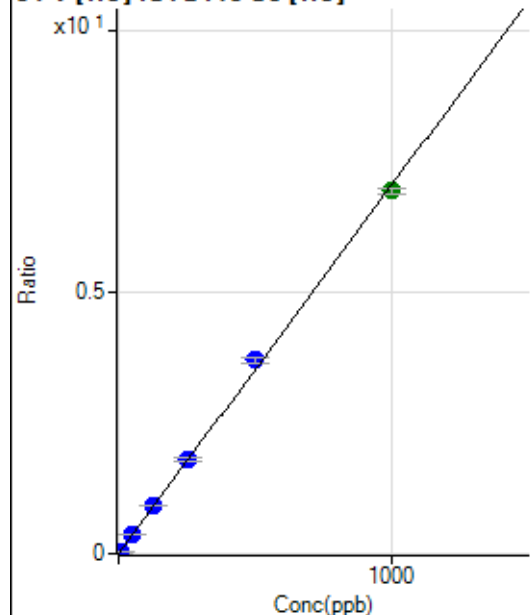
$$DL = 0.1275$$

$$BEC = 0.08835$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.89	0.0000	P	114.
2	☐	5.000	5.053	14679.44	0.0356	P	1.1
3	☐	50.000	51.138	141764.93	0.3601	P	0.8
4	☐	125.000	129.018	336278.12	0.9085	P	1.4
5	☐	250.000	257.859	662717.24	1.8156	P	4.2
6	☐	500.000	524.904	1310386.99	3.6959	P	3.3
7	☐	1000.000	985.024	2522712.93	6.9357	A	1.2
8	☐			864.48	0.0025	P	5.6

$$y = 0.0070 * x + 2.1234\text{E-}005$$

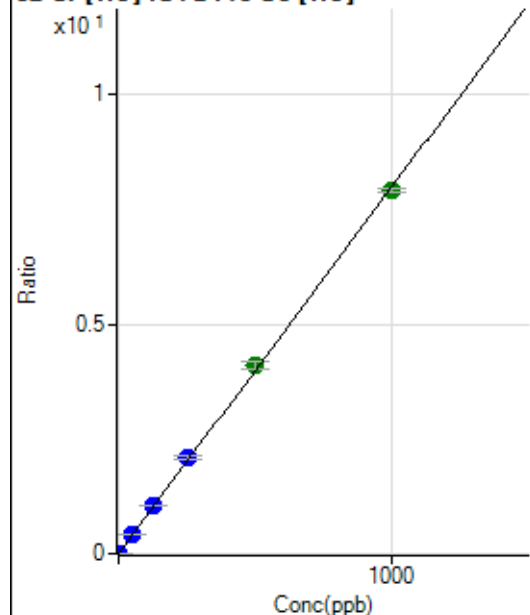
$$R = 0.9995$$

$$DL = 0.01037$$

$$BEC = 0.003016$$

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	1121.16	0.0027	P	6.7
2	☐	2.000	2.108	8036.65	0.0195	P	2.6
3	☐	50.000	51.866	163906.42	0.4164	P	0.8
4	☐	125.000	130.813	387235.66	1.0460	P	1.1
5	☐	250.000	261.549	762491.99	2.0888	P	3.9
6	☐	500.000	511.900	1448258.00	4.0856	A	4.1
7	☐	1000.000	990.343	2874033.71	7.9016	A	1.1
8	☐			12250.62	0.0358	P	2.3

$$y = 0.0080 * x + 0.0027$$

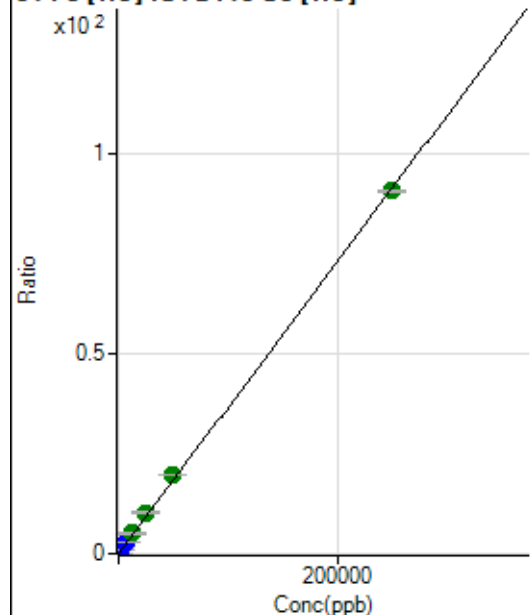
$$R = 0.9998$$

$$DL = 0.06747$$

$$BEC = 0.3357$$

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	1354.52	0.0032	P	3.2
2	☐	50.000	58.155	10083.46	0.0245	P	1.3
3	☐	2500.000	2918.360	420510.54	1.0682	P	1.0
4	☐	6250.000	7343.817	993169.91	2.6831	P	1.5
5	☐	12500.000	13891.005	1851855.11	5.0722	A	3.4
6	☐	25000.000	28179.684	3646961.68	10.2863	A	3.3
7	☐	50000.000	53820.845	7144795.45	19.6431	A	1.2
8	☐	250000.00	248816.78	31110017.59	90.7993	A	0.6

$$y = 3.6491E-004 * x + 0.0032$$

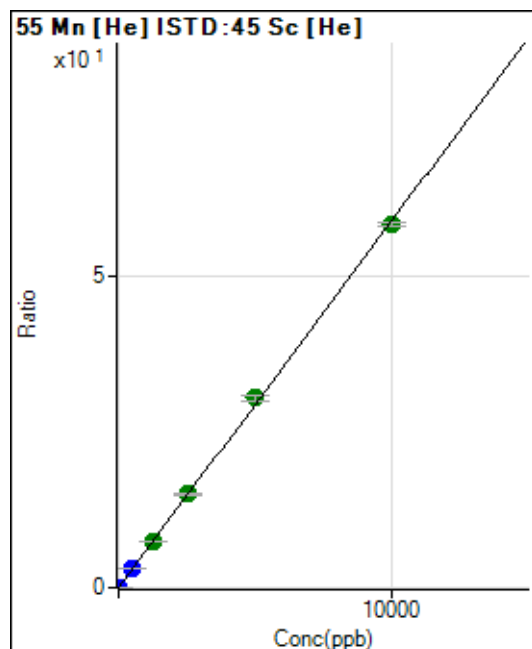
$$R = 0.9998$$

$$DL = 0.8397$$

$$BEC = 8.864$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.33	0.0002	P	28.1
2	☐	1.000	1.045	2616.92	0.0063	P	1.7
3	☐	500.000	518.461	1200771.47	3.0502	P	0.7
4	☐	1250.000	1263.355	2751206.94	7.4322	A	1.2
5	☐	2500.000	2545.495	5466961.31	14.9748	A	3.7
6	☐	5000.000	5173.931	10792246.23	30.4373	A	2.9
7	☐	10000.000	9899.068	21181955.66	58.2343	A	1.0
8	☐			13042.41	0.0381	P	4.8

$$y = 0.0059 * x + 1.9904E-004$$

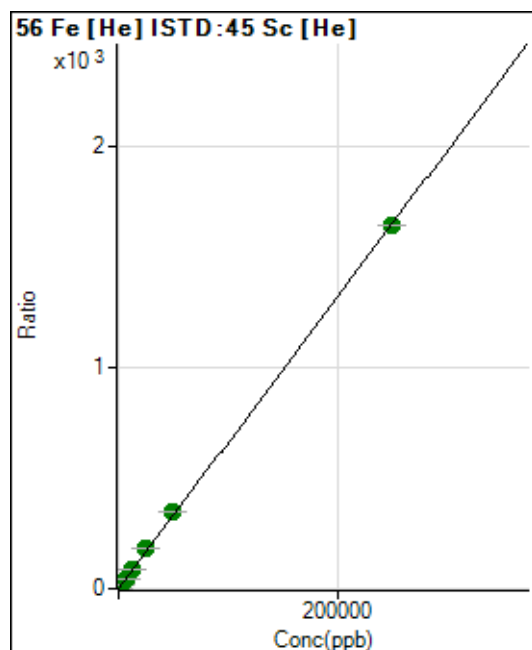
$$R = 0.9998$$

$$DL = 0.02854$$

$$BEC = 0.03383$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7872.15	0.0188	P	2.2
2	☐	50.000	56.907	162463.28	0.3940	P	0.8
3	☐	2500.000	2653.923	6896420.38	17.5186	A	0.9
4	☐	6250.000	6766.030	16521919.75	44.6336	A	1.4
5	☐	12500.000	13552.771	32624465.07	89.3850	A	4.4
6	☐	25000.000	27773.704	64924640.70	183.1571	A	4.2
7	☐	50000.000	52582.040	126126702.5	346.7419	A	0.9
8	☐	250000.00	249139.14	562872307.1	1,642.828	A	0.1

$$y = 0.0066 * x + 0.0188$$

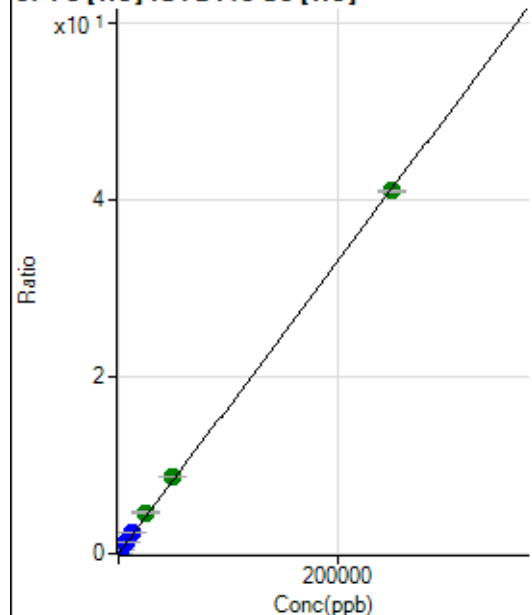
$$R = 0.9999$$

$$DL = 0.1869$$

$$BEC = 2.851$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	987.82	0.0024	P	5.3
2	☐	50.000	60.348	5073.14	0.0123	P	1.2
3	☐	2500.000	2869.352	187065.00	0.4752	P	0.4
4	☐	6250.000	7310.869	446798.78	1.2071	P	1.7
5	☐	12500.000	14612.804	879737.72	2.4103	P	4.3
6	☐	25000.000	28119.993	1643010.05	4.6360	A	5.2
7	☐	50000.000	53149.854	3186624.92	8.7605	A	0.5
8	☐	250000.00	248922.17	14054561.60	41.0204	A	0.5

$$y = 1.6478\text{E-}004 * x + 0.0024$$

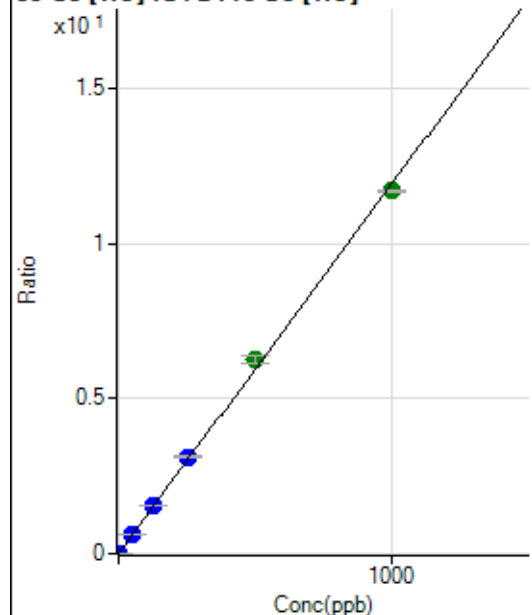
$$R = 0.9999$$

$$DL = 2.295$$

$$BEC = 14.32$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	84.44	0.0002	P	25.5
2	☐	1.000	1.097	5467.72	0.0133	P	2.4
3	☐	50.000	51.973	243609.98	0.6188	P	0.5
4	☐	125.000	131.564	579699.11	1.5661	P	1.6
5	☐	250.000	262.863	1142193.18	3.1288	P	3.8
6	☐	500.000	526.965	2223353.66	6.2722	A	4.2
7	☐	1000.000	982.382	4252998.23	11.6927	A	0.4
8	☐			12602.06	0.0368	P	0.9

$$y = 0.0119 * x + 2.0171\text{E-}004$$

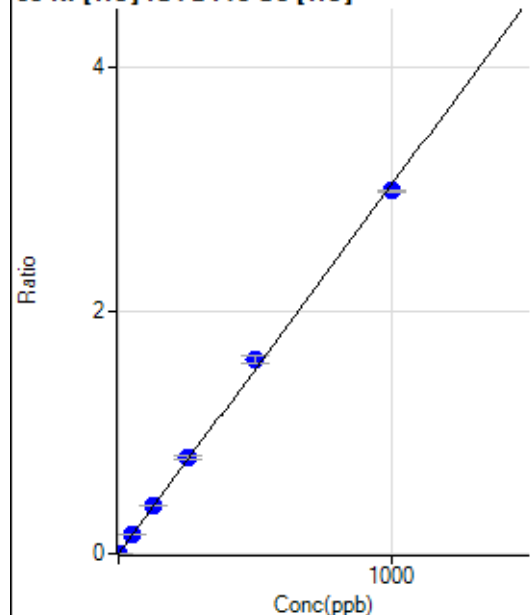
$$R = 0.9993$$

$$DL = 0.01298$$

$$BEC = 0.01695$$

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	136.67	0.0003	P	17.7
2	☐	1.000	1.050	1450.09	0.0035	P	1.0
3	☐	50.000	52.594	63018.19	0.1601	P	0.2
4	☐	125.000	130.496	146840.35	0.3967	P	1.5
5	☐	250.000	262.084	290735.59	0.7964	P	3.5
6	☐	500.000	524.653	565033.83	1.5939	P	3.8
7	☐	1000.000	983.836	1087001.03	2.9886	P	0.9
8	☐			4478.49	0.0131	P	1.3

$$y = 0.0030 * x + 3.2643E-004$$

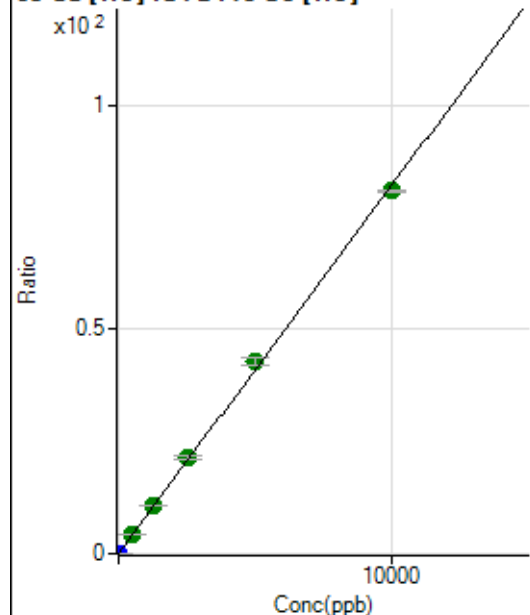
$$R = 0.9995$$

$$DL = 0.05723$$

$$BEC = 0.1075$$

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	5128.71	0.0122	P	5.1
2	☐	2.000	2.112	12191.72	0.0296	P	2.5
3	☐	500.000	530.968	1719190.51	4.3671	A	1.9
4	☐	1250.000	1323.457	4022771.74	10.8670	A	0.9
5	☐	2500.000	2605.166	7804255.99	21.3793	A	3.9
6	☐	5000.000	5211.049	15154709.64	42.7522	A	4.2
7	☐	10000.000	9857.453	29411345.12	80.8610	A	0.7
8	☐			11833.66	0.0345	P	4.8

$$y = 0.0082 * x + 0.0122$$

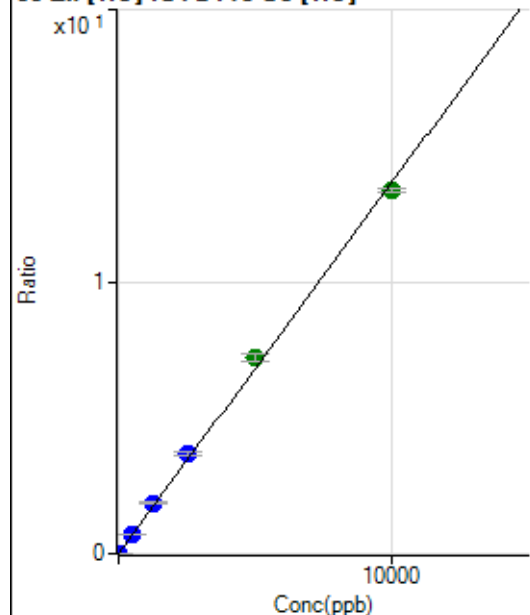
$$R = 0.9996$$

$$DL = 0.2289$$

$$BEC = 1.493$$

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	297.78	0.0007	P	9.9
2	☐	5.000	5.293	3269.28	0.0079	P	2.0
3	☐	500.000	539.826	290059.58	0.7368	P	0.3
4	☐	1250.000	1370.320	691930.48	1.8692	P	1.3
5	☐	2500.000	2706.474	1347379.04	3.6911	P	3.9
6	☐	5000.000	5286.981	2555975.29	7.2097	A	3.6
7	☐	10000.000	9787.859	4854441.14	13.3467	A	1.2
8	☐			6042.39	0.0176	P	0.9

$$y = 0.0014 * x + 7.1103E-004$$

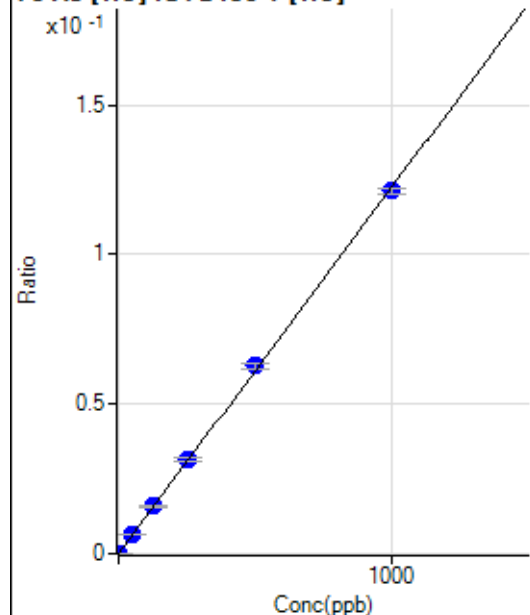
$$R = 0.9991$$

$$DL = 0.1554$$

$$BEC = 0.5215$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4.44	0.0000	P	44.5
2	☐	1.000	1.031	391.12	0.0001	P	5.8
3	☐	50.000	51.765	18453.78	0.0063	P	2.1
4	☐	125.000	129.324	43881.36	0.0158	P	1.6
5	☐	250.000	257.179	86111.04	0.0315	P	2.9
6	☐	500.000	513.103	169443.51	0.0628	P	3.2
7	☐	1000.000	991.025	332284.13	0.1212	P	1.6
8	☐			161.11	0.0001	P	16.7

$$y = 1.2232E-004 * x + 1.4293E-006$$

$$R = 0.9998$$

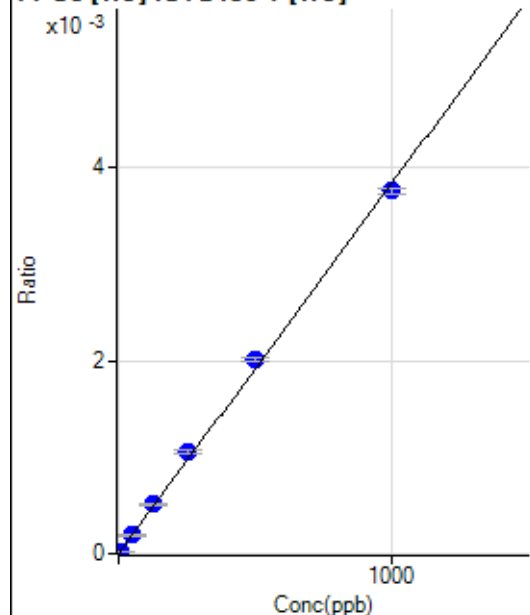
$$DL = 0.01559$$

$$BEC = 0.01169$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	4.066	47.78	0.0000	P	38.3
3	☐	50.000	51.252	572.24	0.0002	P	7.6
4	☐	125.000	133.868	1421.19	0.0005	P	4.7
5	☐	250.000	274.668	2880.31	0.0011	P	4.3
6	☐	500.000	523.438	5413.27	0.0020	P	2.0
7	☐	1000.000	980.948	10300.32	0.0038	P	1.7
8	☐			42.22	0.0000	P	24.9

$$y = 3.8298\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9992$$

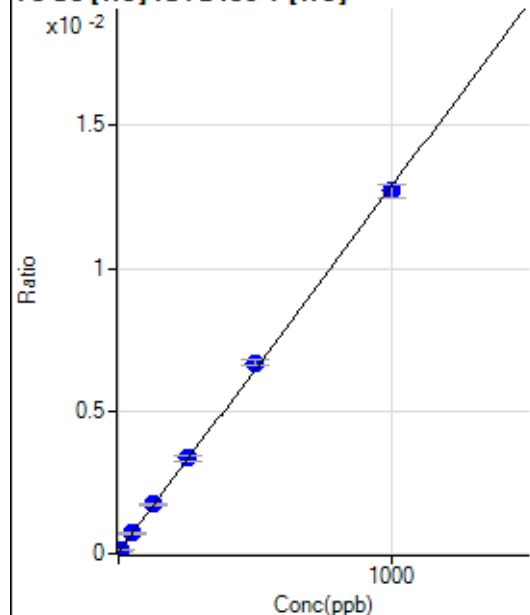
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	155.56	0.0000	P	7.3
2	☐	5.000	5.409	365.56	0.0001	P	5.9
3	☐	50.000	53.332	2134.62	0.0007	P	7.7
4	☐	125.000	130.342	4768.60	0.0017	P	2.4
5	☐	250.000	257.905	9175.15	0.0034	P	5.4
6	☐	500.000	518.478	18064.45	0.0067	P	3.4
7	☐	1000.000	987.948	34818.67	0.0127	P	3.4
8	☐			303.34	0.0001	P	4.2

$$y = 1.2810\text{E-}005 * x + 4.9909\text{E-}005$$

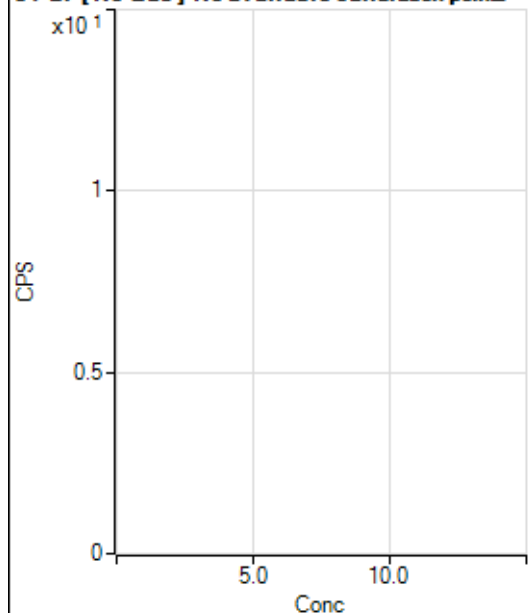
$$R = 0.9997$$

$$DL = 0.8486$$

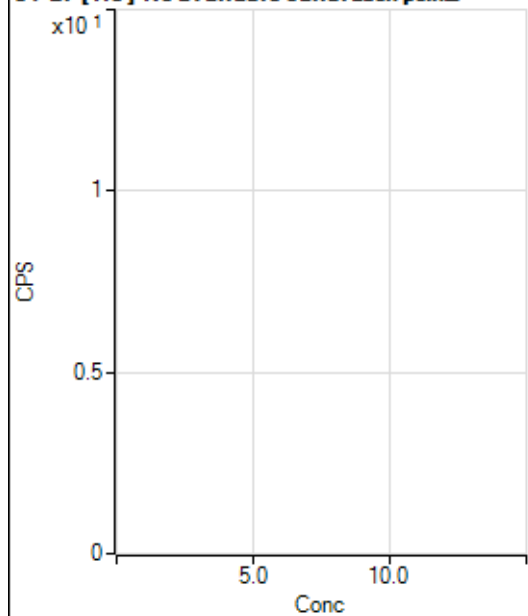
$$BEC = 3.896$$

Weight: <None>

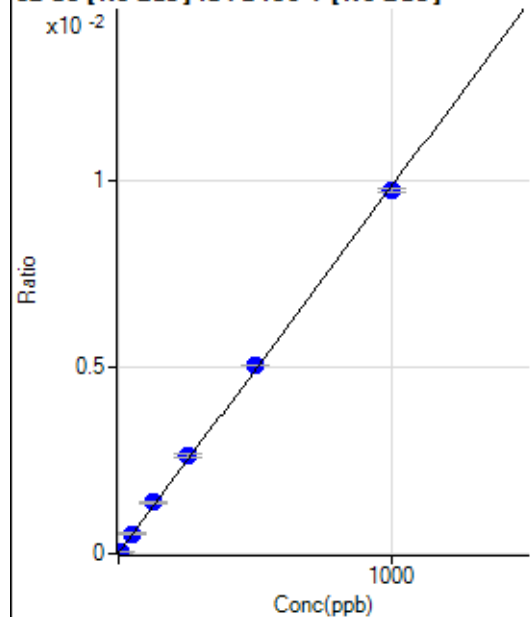
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11275.52		P	1.5
2	☐			10409.30		P	0.8
3	☐			9386.40		P	1.9
4	☐			8345.75		P	1.4
5	☐			8058.95		P	0.6
6	☐			8388.01		P	3.3
7	☐			8757.12		P	2.6
8	☐			11761.43		P	5.6

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			153.34		P	5.8
2	☐			150.00		P	14.6
3	☐			42.22		P	12.1
4	☐			47.78		P	17.6
5	☐			43.33		P	NaN
6	☐			64.44		P	21.5
7	☐			97.78		P	7.9
8	☐			674.47		P	5.0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	189.51	0.0000	P	18.3
2	☐	5.000	5.305	885.64	0.0001	P	1.7
3	☐	50.000	53.594	6964.24	0.0005	P	0.5
4	☐	125.000	137.827	16649.07	0.0014	P	3.1
5	☐	250.000	265.844	31642.96	0.0026	P	2.8
6	☐	500.000	512.300	61680.50	0.0050	P	0.8
7	☐	1000.000	988.104	118299.66	0.0097	P	1.2
8	☐			807.61	0.0001	P	4.1

$$y = 9.8244\text{E-}006 * x + 1.3924\text{E-}005$$

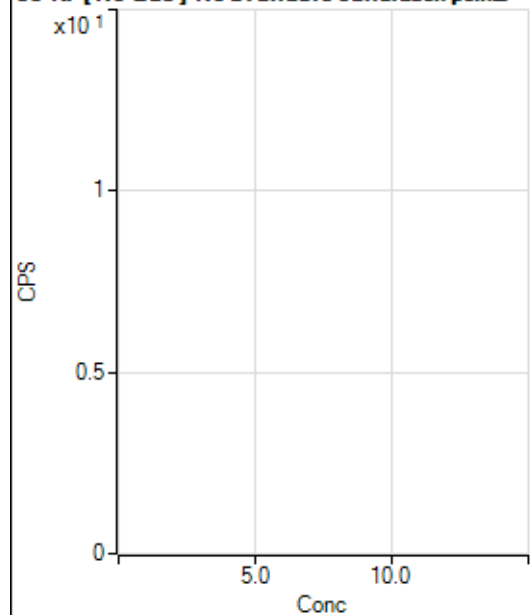
$$R = 0.9997$$

$$DL = 0.7761$$

$$BEC = 1.417$$

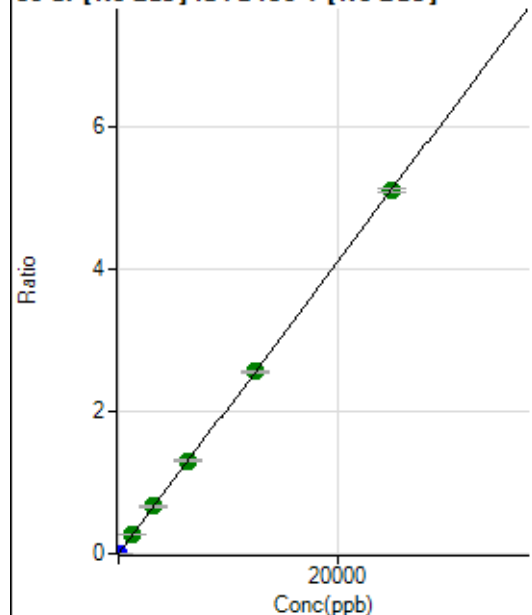
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			172.23		P	17.3
2	☐			166.67		P	19.1
3	☐			158.89		P	31.6
4	☐			126.67		P	2.6
5	☐			136.67		P	4.9
6	☐			142.22		P	19.7
7	☐			161.12		P	18.8
8	☐			164.45		P	15.2

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	301.12	0.0000	P	9.6
2	☐	1.000	0.964	2944.77	0.0002	P	1.6
3	☐	1250.000	1300.623	3433339.15	0.2665	A	2.4
4	☐	3125.000	3256.879	8122605.92	0.6674	A	2.7
5	☐	6250.000	6397.684	15798493.38	1.3109	A	2.7
6	☐	12500.000	12526.357	31366738.14	2.5667	A	1.5
7	☐	25000.000	24930.884	62164368.52	5.1084	A	1.0
8	☐			18955.74	0.0017	P	10.5

$$y = 2.0490\text{E-}004 * x + 2.2148\text{E-}005$$

$$R = 1.0000$$

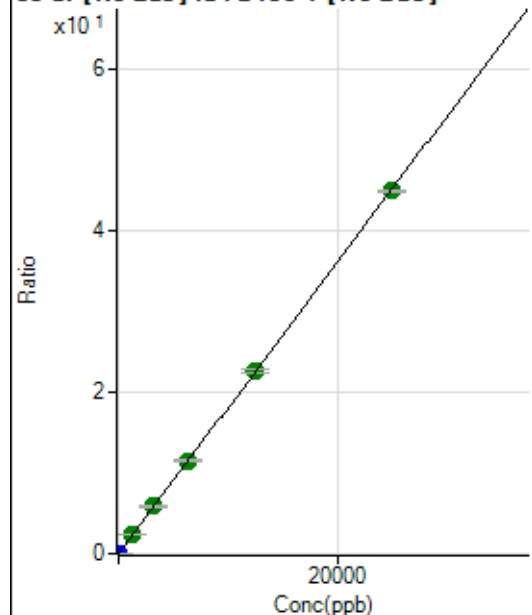
$$DL = 0.03103$$

$$BEC = 0.1081$$

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	334.65	0.0000	P	92.0
2	☐	1.000	0.992	24326.82	0.0018	P	0.4
3	☐	1250.000	1277.646	29685284.83	2.3047	A	3.2
4	☐	3125.000	3254.959	71455773.38	5.8714	A	3.1
5	☐	6250.000	6385.083	138840330.1	11.5176	A	1.4
6	☐	12500.000	12545.295	276563586.9	22.6296	A	1.3
7	☐	25000.000	24925.954	547131245.1	44.9622	A	0.6
8	☐			163121.53	0.0146	P	10.0

$$y = 0.0018 * x + 2.4707\text{E-}005$$

$$R = 1.0000$$

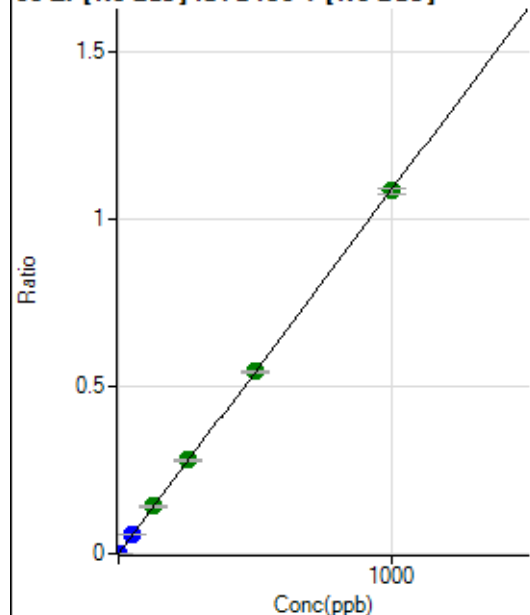
$$DL = 0.0378$$

$$BEC = 0.0137$$

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	560.01	0.0000	P	1.7
2	☐	1.000	0.990	14971.04	0.0011	P	1.6
3	☐	50.000	52.112	729621.19	0.0566	P	3.0
4	☐	125.000	130.218	1721914.28	0.1415	A	3.0
5	☐	250.000	257.960	3377893.80	0.2802	A	1.8
6	☐	500.000	499.841	6635822.89	0.5430	A	0.8
7	☐	1000.000	997.332	13183271.61	1.0833	A	1.6
8	☐			8399.14	0.0008	P	2.4

$$y = 0.0011 * x + 4.1189E-005$$

$$R = 1.0000$$

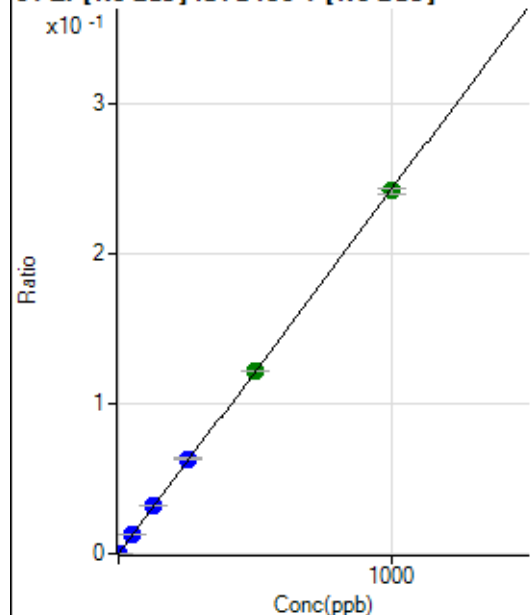
$$DL = 0.001967$$

$$BEC = 0.03792$$

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	105.56	0.0000	P	8.7
2	☐	1.000	0.959	3227.05	0.0002	P	4.4
3	☐	50.000	51.878	162387.54	0.0126	P	1.9
4	☐	125.000	131.838	389732.55	0.0320	P	2.8
5	☐	250.000	259.354	759175.73	0.0630	P	2.0
6	☐	500.000	501.522	1488568.57	0.1218	A	0.5
7	☐	1000.000	995.952	2943087.56	0.2419	A	1.4
8	☐			1905.70	0.0002	P	3.4

$$y = 2.4283E-004 * x + 7.7664E-006$$

$$R = 0.9999$$

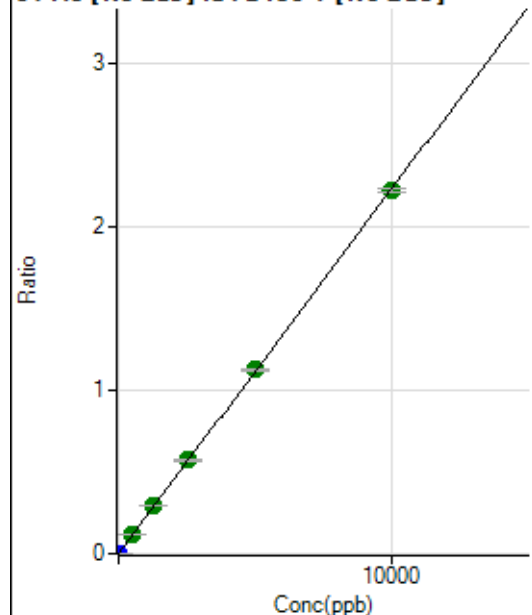
$$DL = 0.008334$$

$$BEC = 0.03198$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	244.45	0.0000	P	7.3
2	☐	5.000	5.729	17368.17	0.0013	P	2.0
3	☐	500.000	519.308	1491946.11	0.1158	A	2.6
4	☐	1250.000	1315.868	3571402.76	0.2934	A	3.0
5	☐	2500.000	2558.650	6876261.77	0.5706	A	2.8
6	☐	5000.000	5049.941	13763215.91	1.1261	A	0.7
7	☐	10000.000	9951.168	27003735.71	2.2191	A	1.0
8	☐			11519.07	0.0010	P	4.2

$$y = 2.2299\text{E-}004 * x + 1.7982\text{E-}005$$

$$R = 0.9999$$

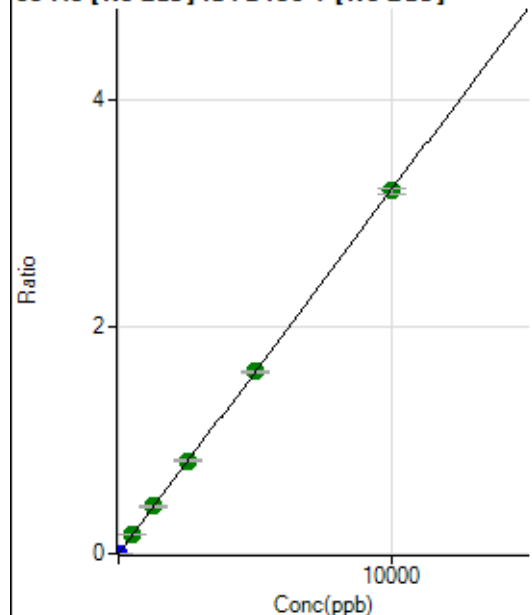
$$DL = 0.0177$$

$$BEC = 0.08064$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	68.89	0.0000	P	12.6
2	☐	5.000	4.927	21269.98	0.0016	P	2.6
3	☐	500.000	520.393	2151389.62	0.1670	A	3.3
4	☐	1250.000	1310.483	5119399.99	0.4206	A	3.0
5	☐	2500.000	2557.588	9893714.16	0.8209	A	2.3
6	☐	5000.000	5012.662	19662225.12	1.6089	A	1.3
7	☐	10000.000	9970.692	38944031.37	3.2002	A	1.2
8	☐			15321.43	0.0014	P	1.4

$$y = 3.2097\text{E-}004 * x + 5.0685\text{E-}006$$

$$R = 1.0000$$

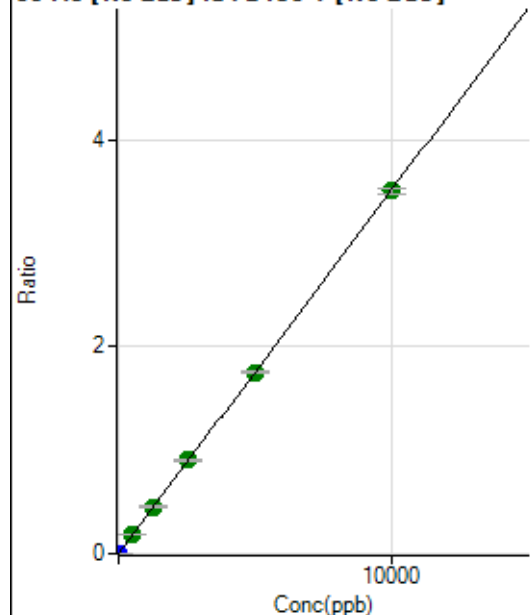
$$DL = 0.005968$$

$$BEC = 0.01579$$

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	97.78	0.0000	P	17.5
2	☐	5.000	4.994	23608.00	0.0018	P	2.8
3	☐	500.000	518.176	2344295.52	0.1820	A	2.8
4	☐	1250.000	1291.412	5520296.45	0.4536	A	3.0
5	☐	2500.000	2565.890	10861866.36	0.9012	A	2.1
6	☐	5000.000	4997.155	21448426.35	1.7551	A	1.3
7	☐	10000.000	9978.865	42648891.31	3.5047	A	1.5
8	☐			20604.64	0.0018	P	4.6

$$y = 3.5121\text{E-}004 * x + 7.1969\text{E-}006$$

$$R = 1.0000$$

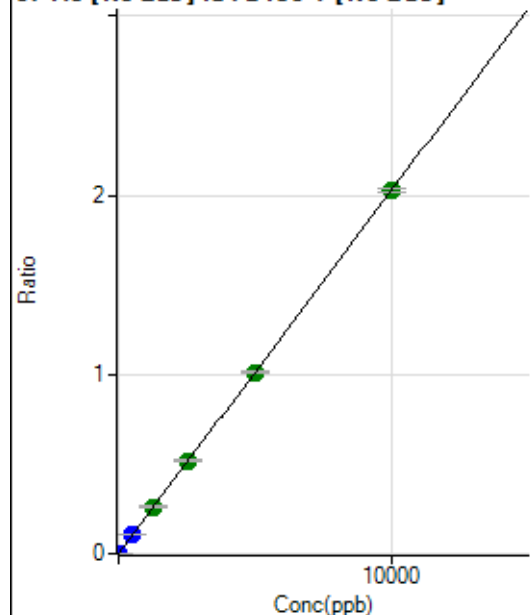
$$DL = 0.01079$$

$$BEC = 0.02049$$

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	41.11	0.0000	P	44.8
2	☐	5.000	4.932	13449.62	0.0010	P	1.0
3	☐	500.000	525.721	1373080.00	0.1066	P	2.8
4	☐	1250.000	1284.563	3169939.50	0.2605	A	3.0
5	☐	2500.000	2554.120	6241860.95	0.5179	A	2.4
6	☐	5000.000	4990.656	12367027.18	1.0119	A	0.6
7	☐	10000.000	9985.536	24637699.63	2.0247	A	1.0
8	☐			9060.66	0.0008	P	6.9

$$y = 2.0276\text{E-}004 * x + 3.0267\text{E-}006$$

$$R = 1.0000$$

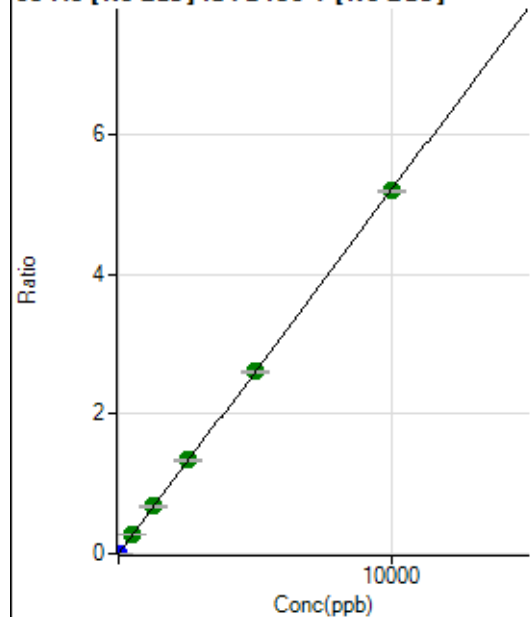
$$DL = 0.02007$$

$$BEC = 0.01493$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	104.45	0.0000	P	3.1
2	☐	5.000	4.877	34198.89	0.0026	P	2.0
3	☐	500.000	517.910	3478990.12	0.2701	A	2.6
4	☐	1250.000	1304.148	8276282.93	0.6801	A	3.3
5	☐	2500.000	2569.205	16149045.04	1.3398	A	1.7
6	☐	5000.000	5009.237	31925061.47	2.6121	A	1.0
7	☐	10000.000	9970.416	63268418.50	5.1992	A	0.3
8	☐			22595.38	0.0020	P	6.0

$$y = 5.2146\text{E-}004 * x + 7.6804\text{E-}006$$

$$R = 1.0000$$

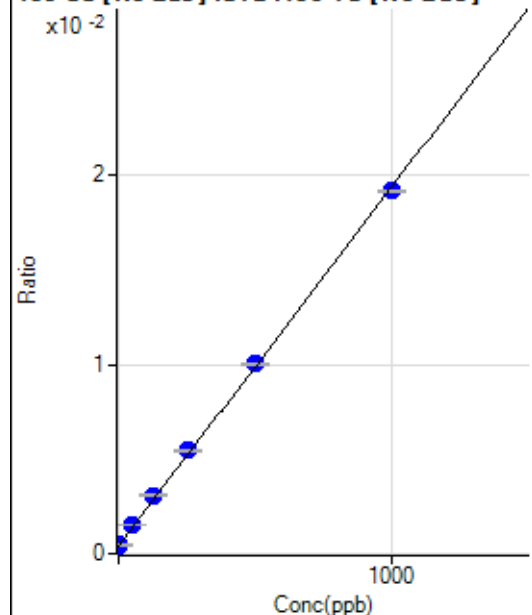
$$DL = 0.001359$$

$$BEC = 0.01473$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4760.82	0.0004	P	1.3
2	☐	1.000	2.906	5344.38	0.0005	P	6.1
3	☐	50.000	58.251	16914.37	0.0015	P	2.7
4	☐	125.000	140.200	33161.22	0.0031	P	4.1
5	☐	250.000	265.160	59814.72	0.0054	P	1.8
6	☐	500.000	507.296	112741.72	0.0100	P	0.8
7	☐	1000.000	990.248	214432.73	0.0192	P	0.5
8	☐			4407.38	0.0004	P	1.2

$$y = 1.8953\text{E-}005 * x + 4.1579\text{E-}004$$

$$R = 0.9998$$

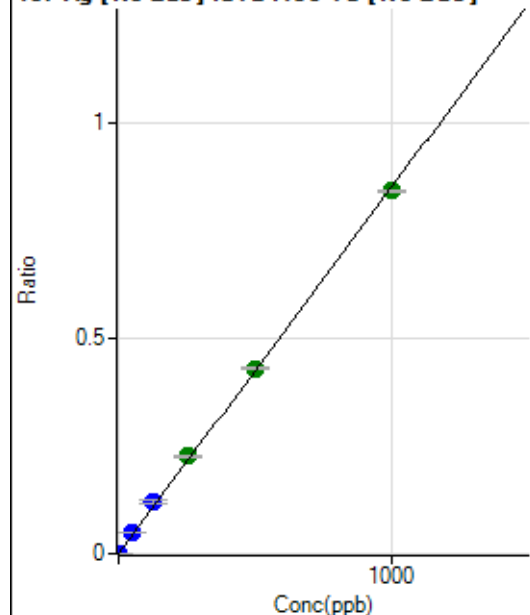
$$DL = 0.8587$$

$$BEC = 21.94$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	104.45	0.0000	P	32.4
2	☐	1.000	1.114	10840.81	0.0010	P	2.0
3	☐	50.000	57.725	545473.24	0.0490	P	1.8
4	☐	125.000	141.840	1299319.75	0.1204	P	4.2
5	☐	250.000	267.243	2493553.12	0.2269	A	2.0
6	☐	500.000	505.917	4826772.60	0.4294	A	1.0
7	☐	1000.000	990.239	9395527.57	0.8406	A	0.8
8	☐			3649.39	0.0004	P	10.3

$$y = 8.4883\text{E-}004 * x + 9.1353\text{E-}006$$

$$R = 0.9997$$

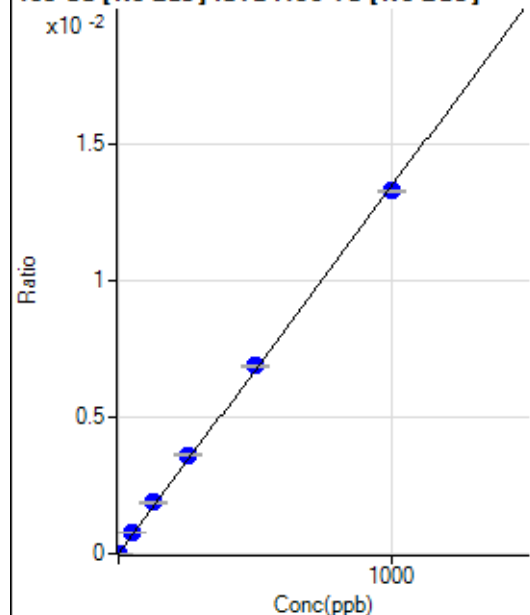
$$DL = 0.01047$$

$$BEC = 0.01076$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	14.45	0.0000	P	27.3
2	☐	1.000	1.081	180.00	0.0000	P	13.6
3	☐	50.000	57.125	8582.61	0.0008	P	0.7
4	☐	125.000	140.101	20392.20	0.0019	P	3.2
5	☐	250.000	268.620	39797.75	0.0036	P	2.4
6	☐	500.000	510.744	77373.64	0.0069	P	0.8
7	☐	1000.000	987.729	148784.79	0.0133	P	0.4
8	☐			152.23	0.0000	P	4.1

$$y = 1.3475\text{E-}005 * x + 1.2637\text{E-}006$$

$$R = 0.9997$$

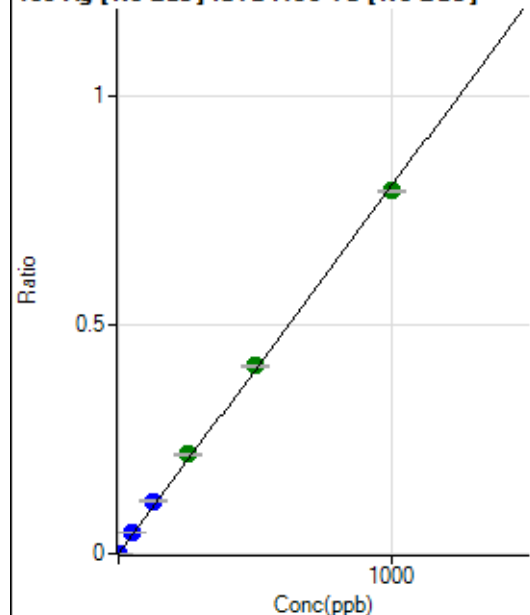
$$DL = 0.07686$$

$$BEC = 0.09378$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	43.33	0.0000	P	14.0
2	☐	1.000	1.122	10280.39	0.0009	P	2.6
3	☐	50.000	57.880	517977.71	0.0465	P	2.2
4	☐	125.000	143.047	1240935.23	0.1150	P	4.8
5	☐	250.000	270.275	2388957.74	0.2173	A	1.2
6	☐	500.000	510.693	4615084.24	0.4106	A	0.7
7	☐	1000.000	986.935	8869691.40	0.7935	A	0.4
8	☐			3564.92	0.0004	P	7.2

$$y = 8.0402\text{E-}004 * x + 3.7871\text{E-}006$$

$$R = 0.9996$$

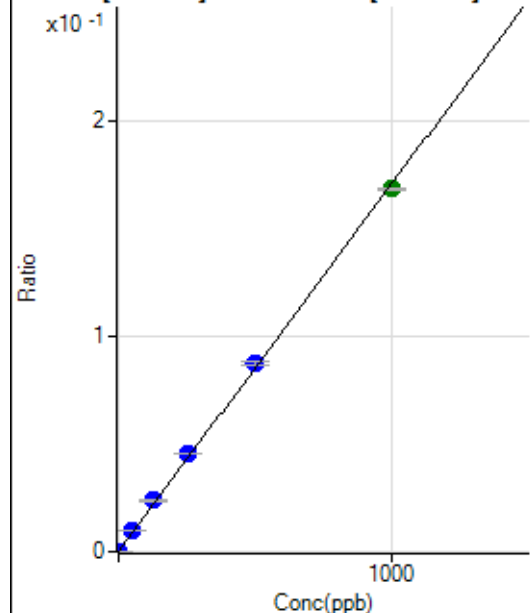
$$DL = 0.00198$$

$$BEC = 0.00471$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	944.27	0.0001	P	1.7
2	☐	1.000	1.176	3216.41	0.0003	P	3.6
3	☐	50.000	55.878	107200.78	0.0096	P	0.9
4	☐	125.000	140.071	259168.41	0.0240	P	4.2
5	☐	250.000	267.354	503156.66	0.0458	P	0.9
6	☐	500.000	512.867	985908.04	0.0877	P	1.3
7	☐	1000.000	987.050	1886141.88	0.1687	A	0.9
8	☐			2200.56	0.0002	P	4.0

$$y = 1.7088\text{E-}004 * x + 8.2466\text{E-}005$$

$$R = 0.9996$$

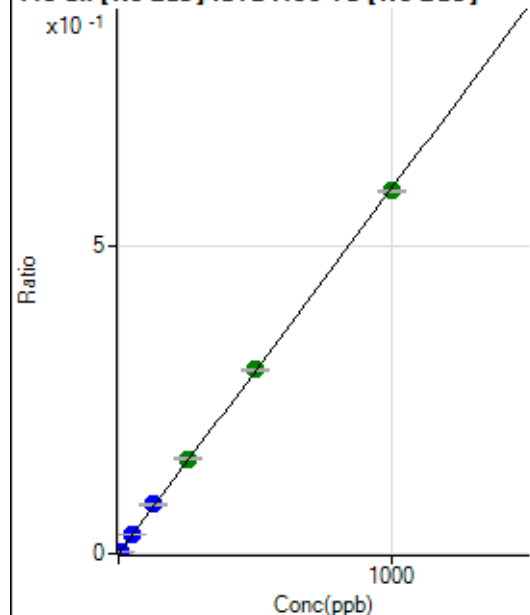
$$DL = 0.02529$$

$$BEC = 0.4826$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	811.14	0.0001	P	6.6
2	☐	5.000	5.360	36867.10	0.0032	P	2.7
3	☐	50.000	54.348	359304.44	0.0323	P	1.8
4	☐	125.000	135.684	868522.44	0.0805	P	4.3
5	☐	250.000	260.136	1695604.04	0.1542	A	1.6
6	☐	500.000	503.804	3357094.88	0.2987	A	1.3
7	☐	1000.000	994.009	6586083.65	0.5892	A	0.6
8	☐			5981.30	0.0006	P	2.7

$$y = 5.9269\text{E-}004 * x + 7.0873\text{E-}005$$

$$R = 0.9999$$

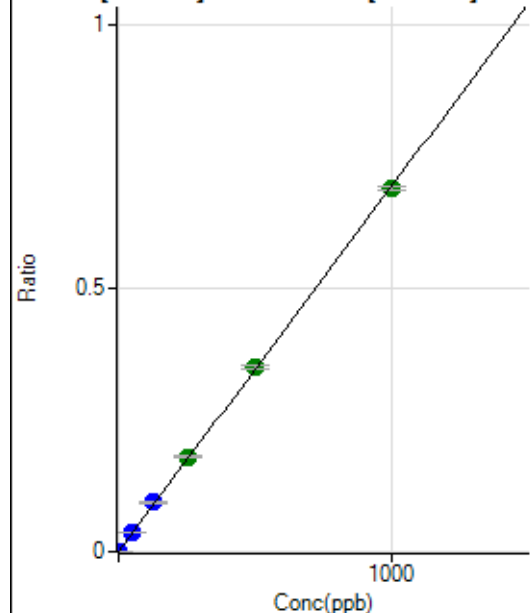
$$DL = 0.02368$$

$$BEC = 0.1196$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	184.45	0.0000	P	10.7
2	☐	2.000	2.108	16767.65	0.0015	P	1.0
3	☐	50.000	54.179	417951.29	0.0376	P	2.5
4	☐	125.000	135.440	1012860.09	0.0939	P	3.9
5	☐	250.000	260.096	1981181.71	0.1802	A	1.7
6	☐	500.000	505.361	3935870.32	0.3502	A	1.5
7	☐	1000.000	993.281	7692950.65	0.6882	A	1.1
8	☐			7991.19	0.0008	P	3.2

$$y = 6.9285\text{E-}004 * x + 1.6120\text{E-}005$$

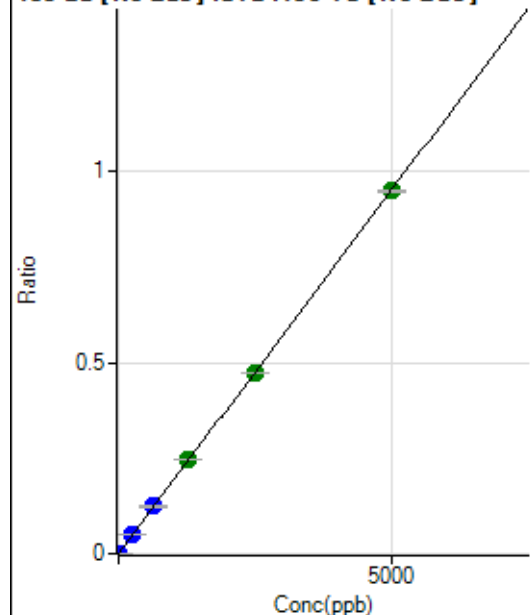
$$R = 0.9999$$

$$DL = 0.007473$$

$$BEC = 0.02327$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	24.44	0.0000	P	42.3
2	☐	10.000	10.467	22641.39	0.0020	P	2.1
3	☐	250.000	260.761	552334.90	0.0496	P	2.3
4	☐	625.000	655.221	1345494.01	0.1247	P	4.5
5	☐	1250.000	1298.729	2717153.16	0.2472	A	1.2
6	☐	2500.000	2487.793	5321582.01	0.4735	A	0.6
7	☐	5000.000	4989.605	10614151.09	0.9496	A	0.8
8	☐			7284.16	0.0007	P	4.4

$$y = 1.9031E-004 * x + 2.1402E-006$$

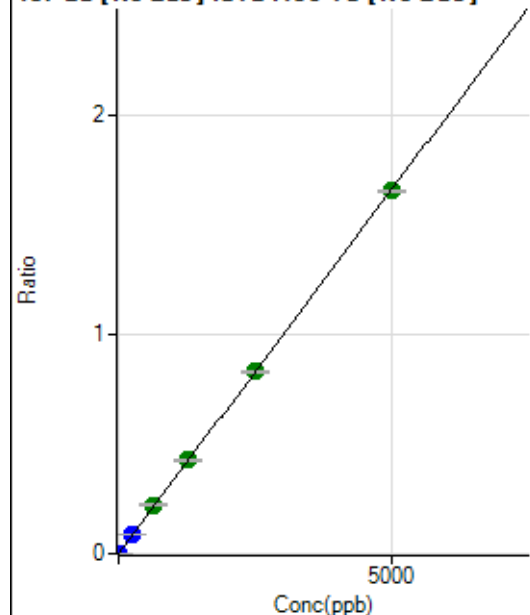
$$R = 0.9999$$

$$DL = 0.01427$$

$$BEC = 0.01125$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	31.3
2	☐	10.000	10.136	38242.45	0.0034	P	1.5
3	☐	250.000	259.707	959208.07	0.0862	P	2.7
4	☐	625.000	668.329	2392961.33	0.2218	A	4.8
5	☐	1250.000	1284.034	4683972.74	0.4261	A	1.7
6	☐	2500.000	2501.741	9331218.26	0.8302	A	1.0
7	☐	5000.000	4984.719	18490506.81	1.6542	A	0.8
8	☐			12711.34	0.0013	P	3.9

$$y = 3.3185E-004 * x + 4.3747E-006$$

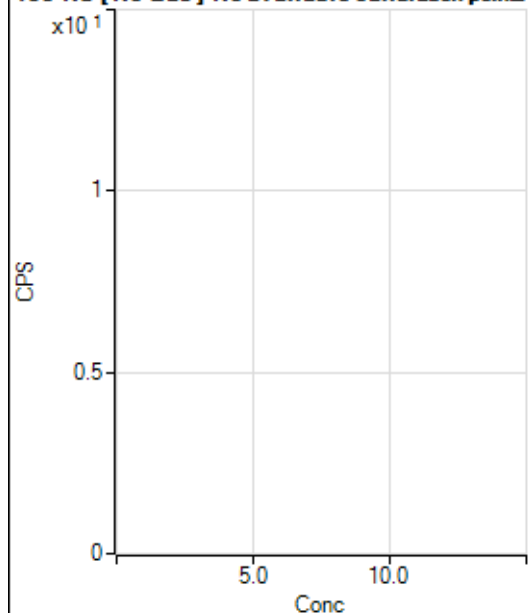
$$R = 0.9999$$

$$DL = 0.01237$$

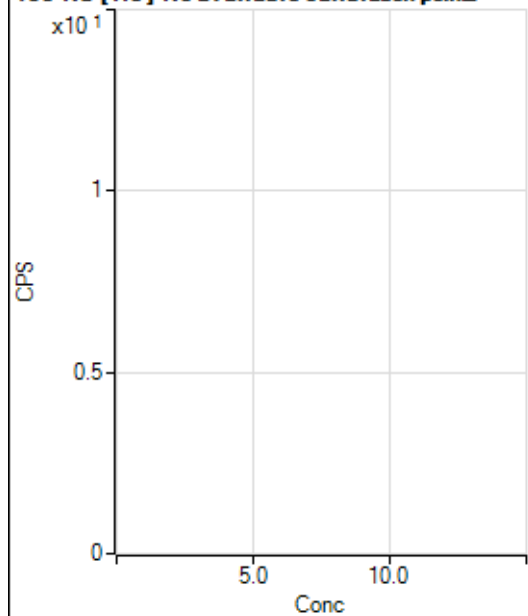
$$BEC = 0.01318$$

Weight: <None>

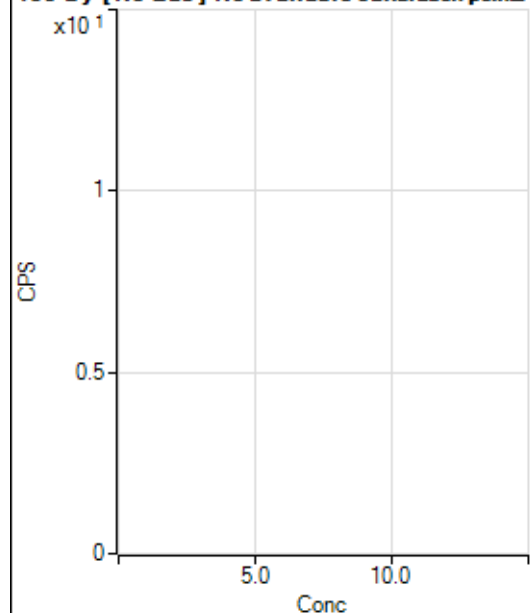
Min Conc: 0

150 Nd [No Gas] No available calibration points

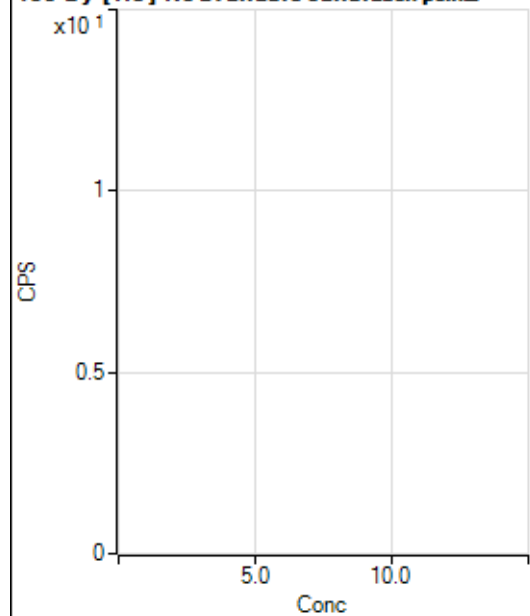
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	114.
2	☐			7.78		P	65.5
3	☐			62.22		P	11.1
4	☐			121.11		P	1.6
5	☐			237.78		P	8.2
6	☐			504.46		P	3.1
7	☐			971.16		P	11.3
8	☐			337.79		P	19.6

150 Nd [He] No available calibration points

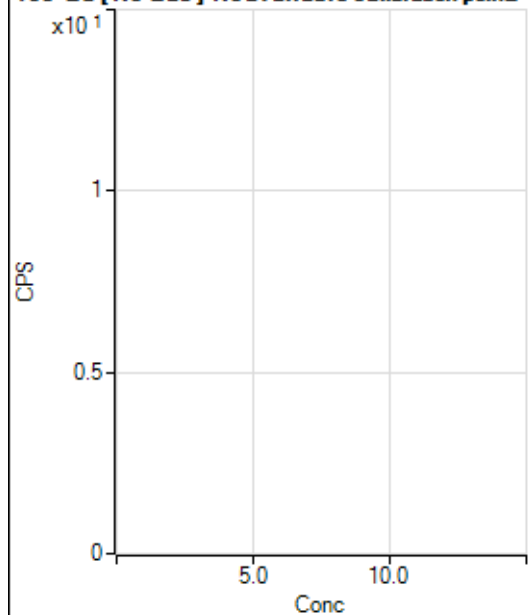
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	69.3
2	☐			1.11		P	173.
3	☐			21.11		P	9.1
4	☐			32.22		P	36.3
5	☐			54.44		P	23.2
6	☐			115.56		P	16.7
7	☐			194.45		P	20.3
8	☐			166.67		P	10.4

156 Dy [No Gas] No available calibration points

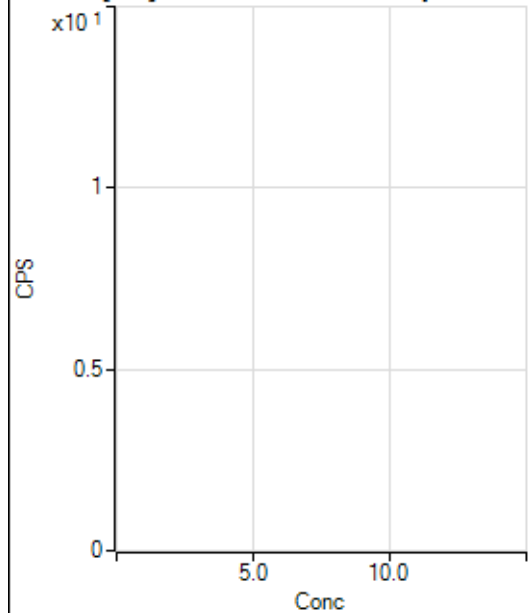
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	0.0
2	☐			10.00		P	33.3
3	☐			43.33		P	15.4
4	☐			95.56		P	5.3
5	☐			133.33		P	13.2
6	☐			330.01		P	10.6
7	☐			616.69		P	6.1
8	☐			1807.92		P	4.3

156 Dy [He] No available calibration points

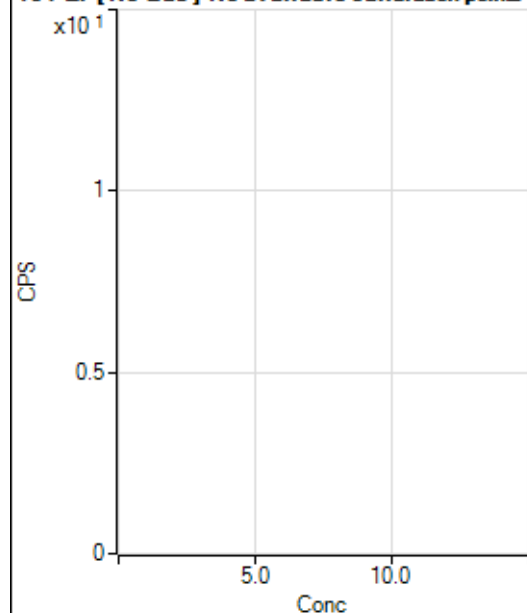
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐			4.44		P	114.
3	☐			41.11		P	36.6
4	☐			97.78		P	8.6
5	☐			170.00		P	22.1
6	☐			375.57		P	9.1
7	☐			735.58		P	10.1
8	☐			1116.73		P	4.1

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

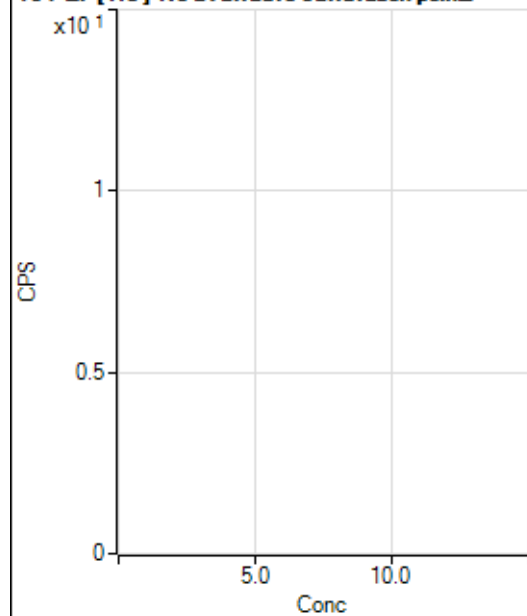
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			51.11		P	26.4
2	☐			58.89		P	21.4
3	☐			64.44		P	25.5
4	☐			98.89		P	10.8
5	☐			168.89		P	11.9
6	☐			322.23		P	10.4
7	☐			537.79		P	12.1
8	☐			1896.82		P	4.9

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			365.56		P	7.6
2	☐			374.45		P	6.9
3	☐			363.34		P	7.9
4	☐			361.12		P	14.1
5	☐			427.79		P	3.0
6	☐			462.23		P	5.5
7	☐			663.36		P	3.8
8	☐			1492.32		P	8.6

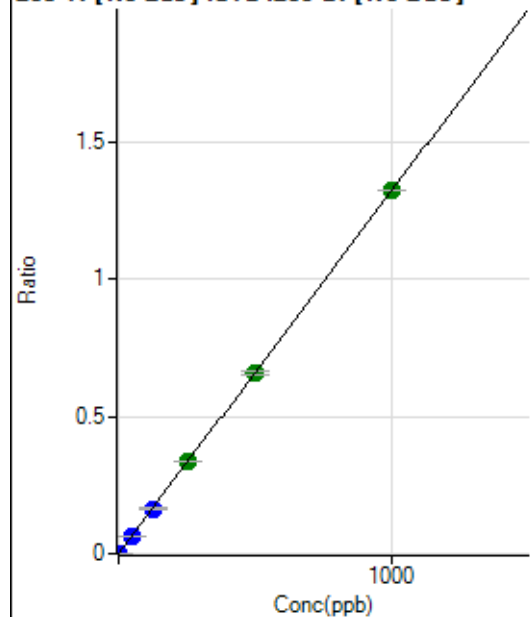
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			83.33		P	14.4
2	☐			84.45		P	23.1
3	☐			88.89		P	26.3
4	☐			102.22		P	32.2
5	☐			102.22		P	29.2
6	☐			164.45		P	16.4
7	☐			260.00		P	12.6
8	☐			276.67		P	11.5

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			60.00		P	38.9
2	☐			54.44		P	25.5
3	☐			64.44		P	23.9
4	☐			42.22		P	19.9
5	☐			62.22		P	13.5
6	☐			83.33		P	14.4
7	☐			140.00		P	18.6
8	☐			147.78		P	5.7

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	217.82	0.0000	P	86.1
2	☐	1.000	0.918	8213.66	0.0012	P	1.6
3	☐	50.000	47.972	411387.31	0.0634	P	2.2
4	☐	125.000	123.852	1030676.43	0.1635	P	5.6
5	☐	250.000	253.768	2178902.10	0.3351	A	1.1
6	☐	500.000	498.091	4365972.19	0.6576	A	1.2
7	☐	1000.000	1000.257	8532189.38	1.3206	A	0.1
8	☐			3692.77	0.0007	P	13.0

$$y = 0.0013 * x + 3.3274E-005$$

$$R = 1.0000$$

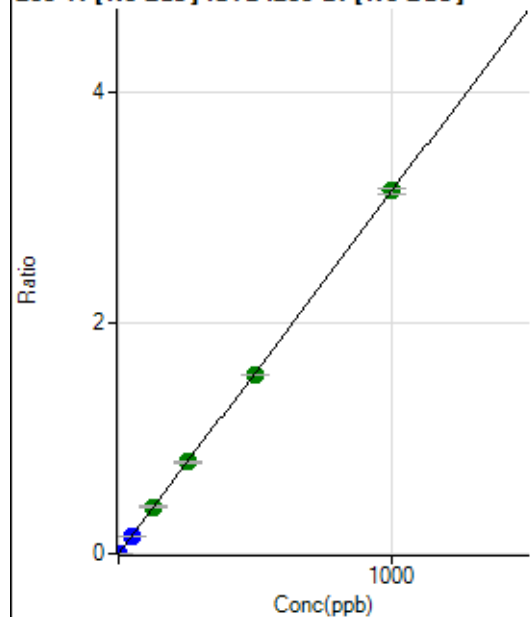
$$DL = 0.06508$$

$$BEC = 0.0252$$

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	590.34	0.0001	P	94.8
2	☐	1.000	0.920	19636.49	0.0030	P	1.7
3	☐	50.000	47.636	971156.01	0.1496	P	2.0
4	☐	125.000	129.202	2556554.43	0.4056	A	4.9
5	☐	250.000	252.761	5159456.17	0.7933	A	0.7
6	☐	500.000	494.553	10304949.50	1.5522	A	0.6
7	☐	1000.000	1001.626	20311324.97	3.1436	A	1.4
8	☐			8751.82	0.0016	P	9.2

$$y = 0.0031 * x + 9.0191E-005$$

$$R = 1.0000$$

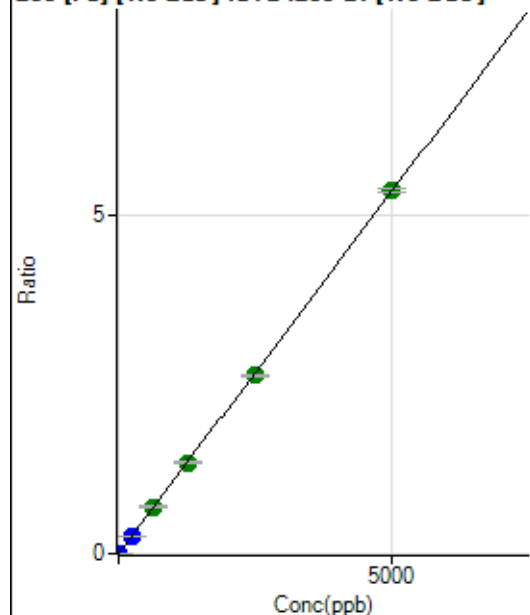
$$DL = 0.08172$$

$$BEC = 0.02874$$

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	760.21	0.0001	P	54.7
2	☐	1.000	0.870	6890.70	0.0010	P	2.7
3	☐	250.000	238.635	1654310.56	0.2548	P	2.5
4	☐	625.000	644.043	4332615.28	0.6876	A	5.9
5	☐	1250.000	1258.105	8734220.01	1.3430	A	0.8
6	☐	2500.000	2466.514	17479497.38	2.6328	A	0.8
7	☐	5000.000	5012.905	34571725.87	5.3508	A	1.0
8	☐			19784.55	0.0037	P	5.4

$$y = 0.0011 * x + 1.1604E-004$$

$$R = 1.0000$$

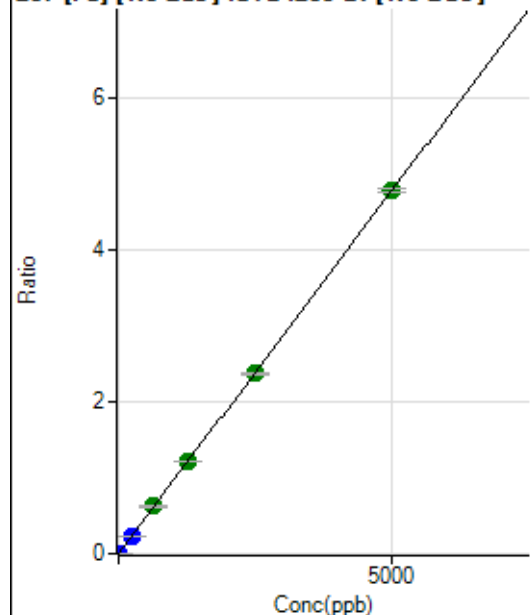
$$DL = 0.1785$$

$$BEC = 0.1087$$

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	536.71	0.0001	P	37.3
2	☐	1.000	0.864	5972.49	0.0009	P	3.5
3	☐	250.000	237.258	1468647.71	0.2262	P	1.9
4	☐	625.000	651.690	3915528.24	0.6212	A	5.1
5	☐	1250.000	1266.089	7849043.08	1.2068	A	0.0
6	☐	2500.000	2479.617	15690817.55	2.3634	A	0.3
7	☐	5000.000	5003.470	30812188.15	4.7689	A	1.1
8	☐			17193.21	0.0032	P	3.8

$$y = 9.5310E-004 * x + 8.1881E-005$$

$$R = 1.0000$$

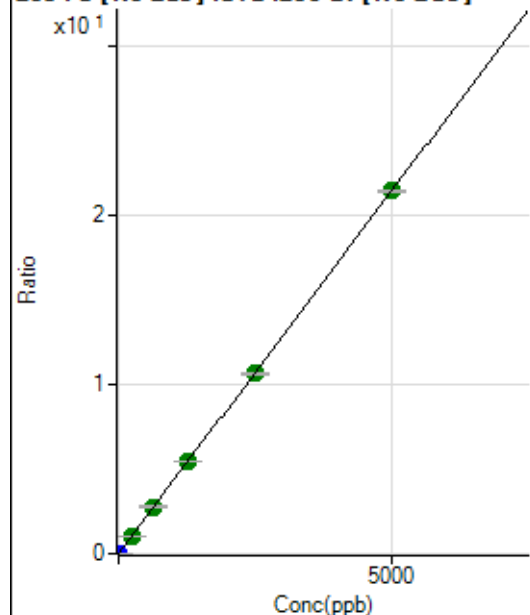
$$DL = 0.09625$$

$$BEC = 0.08591$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2623.78	0.0004	P	33.8
2	☐	1.000	0.876	27411.06	0.0042	P	1.0
3	☐	250.000	245.651	6837043.32	1.0531	A	2.2
4	☐	625.000	647.012	17480517.27	2.7731	A	5.0
5	☐	1250.000	1262.517	35190599.34	5.4108	A	0.4
6	☐	2500.000	2482.666	70637061.31	10.6396	A	0.6
7	☐	5000.000	5003.004	138522911.2	21.4403	A	0.8
8	☐			78606.07	0.0148	P	4.4

$$y = 0.0043 * x + 4.0029E-004$$

$$R = 1.0000$$

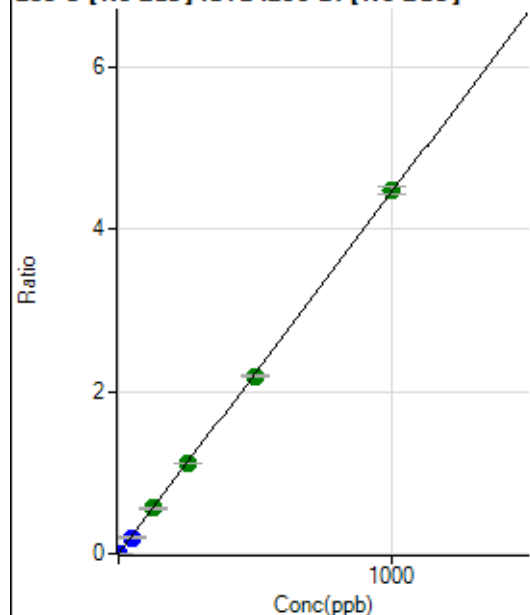
$$DL = 0.09471$$

$$BEC = 0.09341$$

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	256.78	0.0000	P	121.
2	☐	1.000	0.855	25363.05	0.0038	P	1.6
3	☐	50.000	44.978	1299576.86	0.2002	P	2.3
4	☐	125.000	125.713	3527355.54	0.5594	A	4.4
5	☐	250.000	250.968	7263227.39	1.1168	A	1.0
6	☐	500.000	491.570	14522315.34	2.1874	A	1.3
7	☐	1000.000	1004.135	28871887.35	4.4682	A	2.2
8	☐			12090.04	0.0023	P	5.9

$$y = 0.0044 * x + 3.9253E-005$$

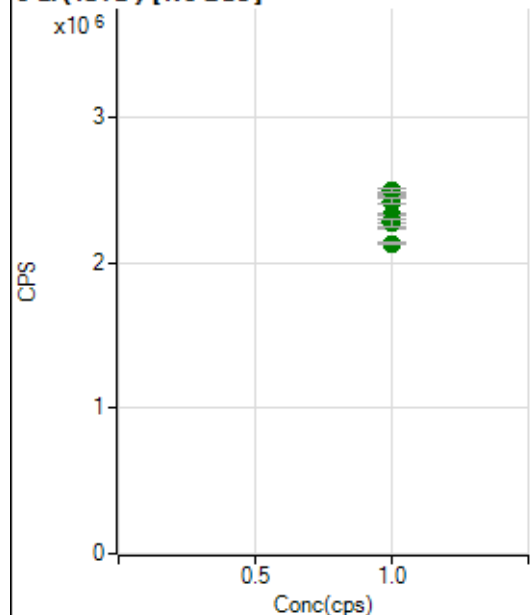
$$R = 0.9999$$

$$DL = 0.03222$$

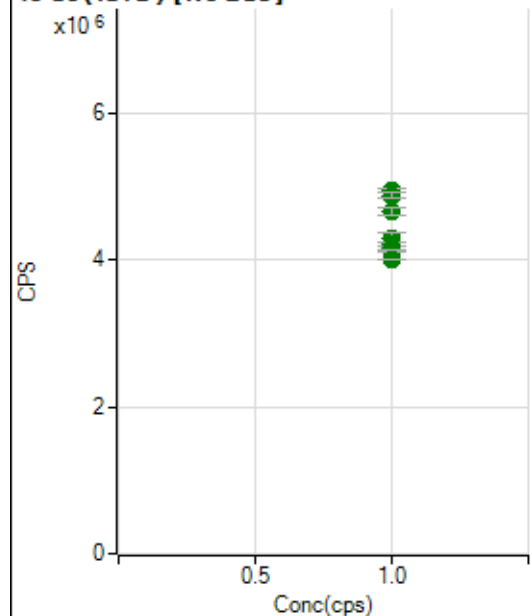
$$BEC = 0.008821$$

Weight: <None>

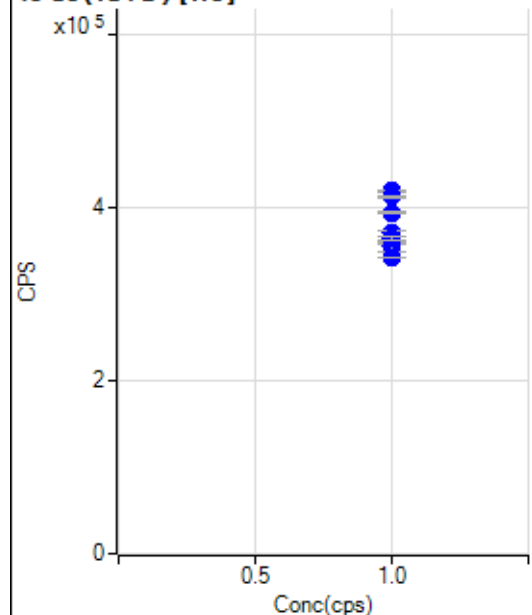
Min Conc: 0

6 Li (ISTD) [No Gas]

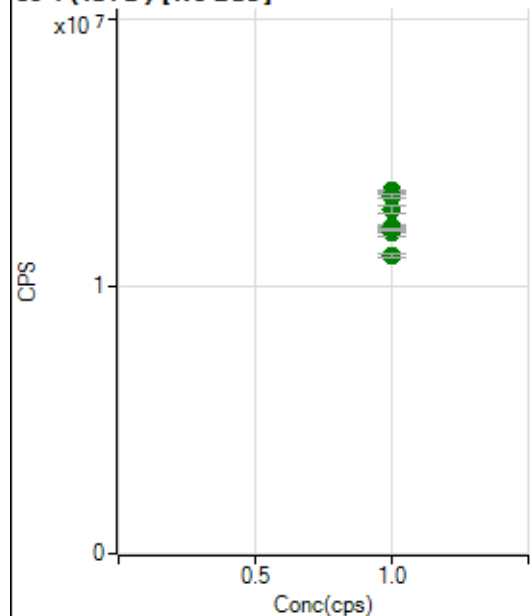
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2466394.91		A	0.7
2	☐	1.000		2496140.54		A	1.1
3	☐	1.000		2425710.28		A	1.6
4	☐	1.000		2289356.79		A	4.2
5	☐	1.000		2327580.75		A	0.2
6	☐	1.000		2289385.33		A	0.7
7	☐	1.000		2277660.65		A	2.2
8	☐	1.000		2135257.31		A	1.0

45 Sc (ISTD) [No Gas]

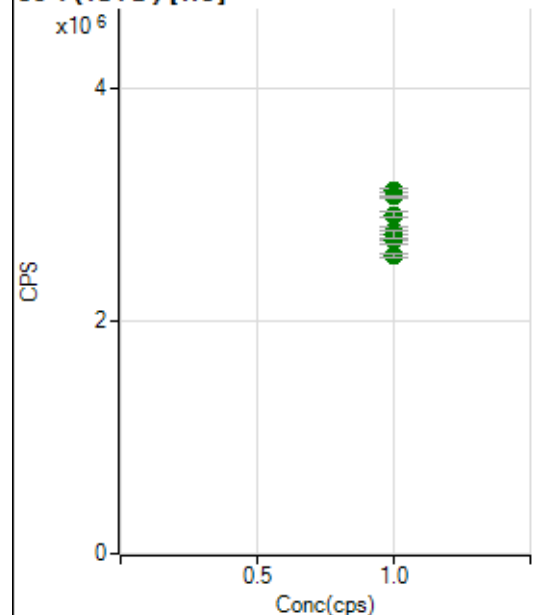
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4941467.11		A	1.0
2	☐	1.000		4883860.24		A	1.4
3	☐	1.000		4663742.29		A	1.8
4	☐	1.000		4288069.10		A	4.0
5	☐	1.000		4215868.90		A	1.3
6	☐	1.000		4170211.29		A	1.2
7	☐	1.000		4131943.76		A	0.4
8	☐	1.000		4006513.76		A	0.5

45 Sc (ISTD) [He]

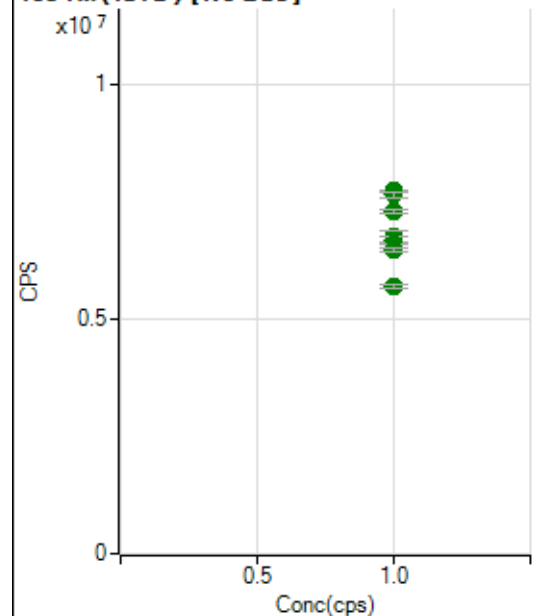
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		418764.13		P	0.2
2	☐	1.000		412320.74		P	0.8
3	☐	1.000		393682.12		P	0.8
4	☐	1.000		370223.17		P	1.7
5	☐	1.000		365452.17		P	4.3
6	☐	1.000		354787.87		P	3.2
7	☐	1.000		363738.60		P	0.8
8	☐	1.000		342623.81		P	0.1

89 Y (ISTD) [No Gas]

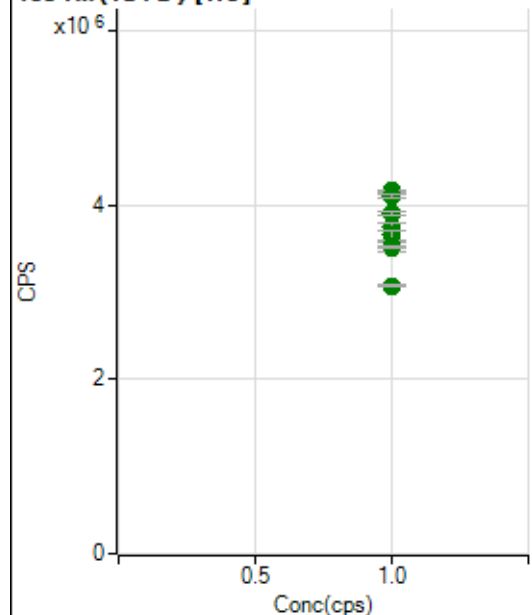
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13597448.83		A	0.8
2	☐	1.000		13408677.44		A	1.1
3	☐	1.000		12885817.86		A	2.0
4	☐	1.000		12177452.46		A	2.9
5	☐	1.000		12057589.27		A	2.9
6	☐	1.000		12222076.35		A	1.3
7	☐	1.000		12168850.38		A	0.5
8	☐	1.000		11187774.55		A	1.6

89 Y(ISTD) [He]

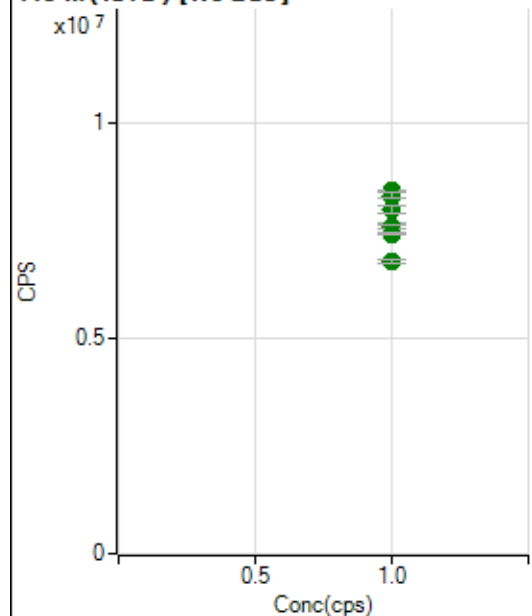
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3117551.03		A	1.0
2	☐	1.000		3066982.18		A	0.2
3	☐	1.000		2914390.03		A	1.8
4	☐	1.000		2774029.82		A	2.3
5	☐	1.000		2738725.10		A	3.0
6	☐	1.000		2701290.25		A	2.9
7	☐	1.000		2741583.40		A	1.9
8	☐	1.000		2562304.87		A	0.9

103 Rh(ISTD) [No Gas]

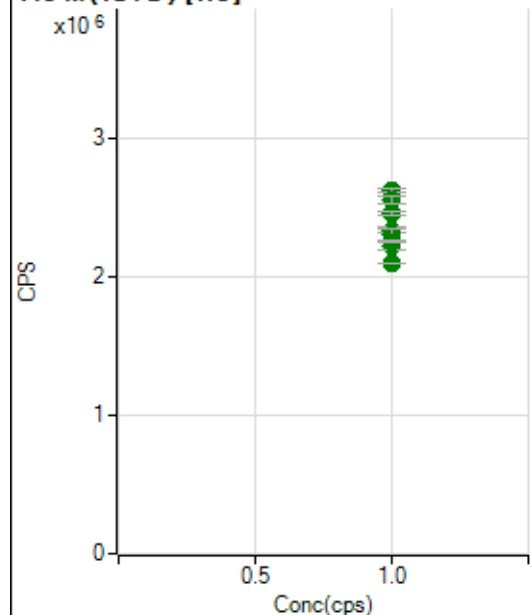
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7742000.09		A	0.8
2	☐	1.000		7655088.15		A	1.2
3	☐	1.000		7323627.95		A	1.1
4	☐	1.000		6763141.15		A	3.8
5	☐	1.000		6683241.29		A	2.4
6	☐	1.000		6611786.29		A	0.2
7	☐	1.000		6489047.40		A	1.1
8	☐	1.000		5702516.65		A	1.2

103 Rh (ISTD) [He]

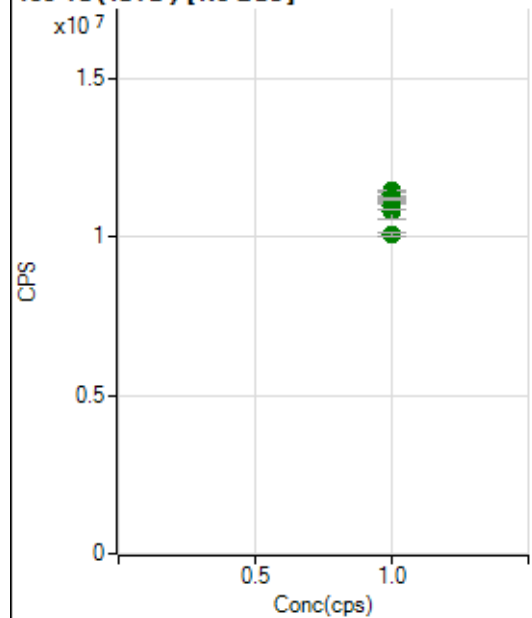
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4166867.26		A	0.4
2	☐	1.000		4104927.58		A	0.8
3	☐	1.000		3901645.29		A	1.0
4	☐	1.000		3754448.66		A	2.1
5	☐	1.000		3658325.43		A	3.4
6	☐	1.000		3514362.86		A	3.3
7	☐	1.000		3530802.52		A	0.6
8	☐	1.000		3078989.54		A	0.5

115 In (ISTD) [No Gas]

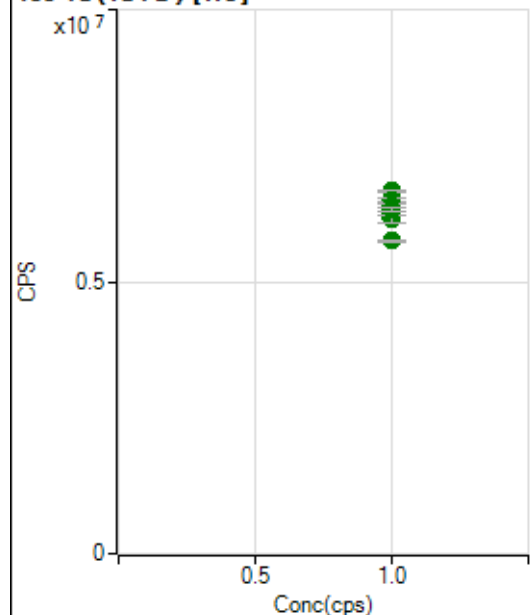
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8412059.62		A	0.4
2	☐	1.000		8301917.33		A	1.6
3	☐	1.000		7994921.17		A	2.1
4	☐	1.000		7538282.03		A	3.7
5	☐	1.000		7522035.42		A	2.6
6	☐	1.000		7585259.16		A	1.2
7	☐	1.000		7414722.56		A	0.8
8	☐	1.000		6767546.44		A	1.5

115 In (ISTD) [He]

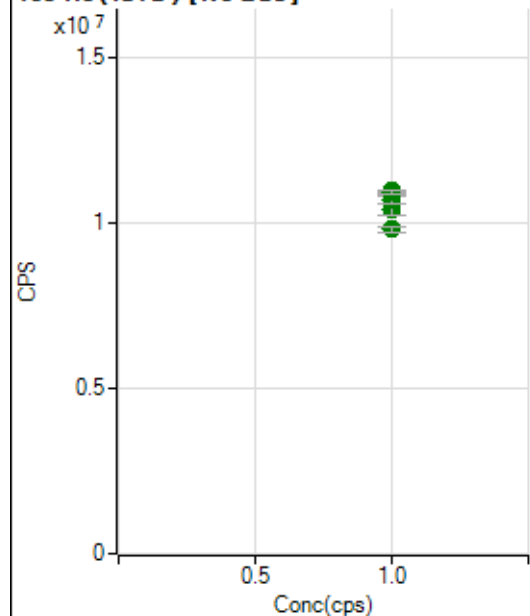
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2617983.75		A	0.9
2	☐	1.000		2554087.33		A	2.1
3	☐	1.000		2455778.72		A	0.7
4	☐	1.000		2336523.26		A	1.9
5	☐	1.000		2301657.57		A	3.5
6	☐	1.000		2220488.28		A	2.6
7	☐	1.000		2253595.06		A	0.6
8	☐	1.000		2096477.93		A	0.4

159 Tb (ISTD) [No Gas]

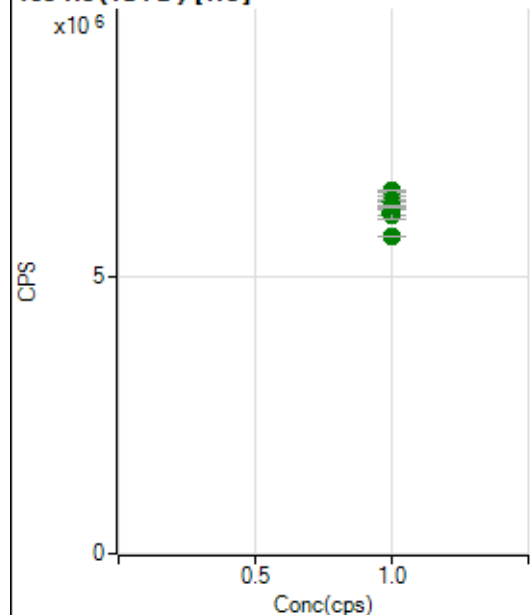
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11449231.63		A	0.9
2	☐	1.000		11356385.80		A	1.8
3	☐	1.000		11132125.80		A	1.5
4	☐	1.000		10803259.15		A	4.1
5	☐	1.000		10995441.64		A	2.5
6	☐	1.000		11240024.69		A	0.7
7	☐	1.000		11177597.47		A	0.7
8	☐	1.000		10058963.88		A	1.0

159 Tb (ISTD) [He]

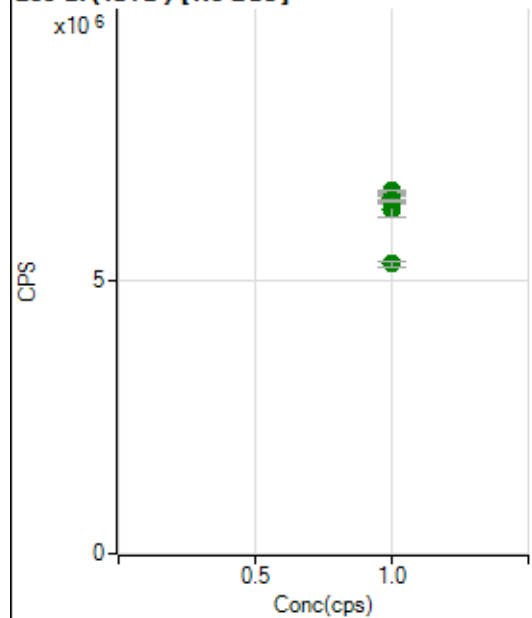
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6667693.72		A	0.5
2	☐	1.000		6509090.67		A	0.8
3	☐	1.000		6398719.63		A	0.7
4	☐	1.000		6255269.56		A	1.6
5	☐	1.000		6191940.88		A	3.7
6	☐	1.000		6152296.58		A	2.7
7	☐	1.000		6324963.45		A	0.7
8	☐	1.000		5745073.39		A	0.8

165 Ho (ISTD) [No Gas]

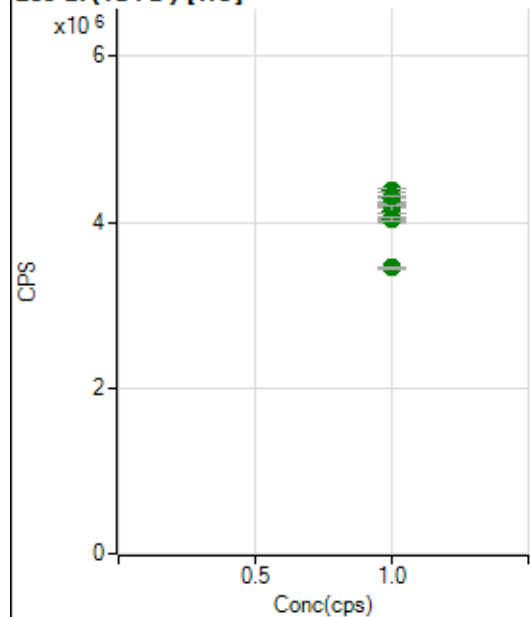
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10982607.06		A	0.9
2	☐	1.000		10939995.12		A	0.7
3	☐	1.000		10724049.29		A	2.1
4	☐	1.000		10414561.58		A	3.8
5	☐	1.000		10733765.33		A	2.2
6	☐	1.000		10952951.36		A	0.4
7	☐	1.000		10943572.61		A	1.5
8	☐	1.000		9823189.23		A	1.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6559660.87		A	0.6
2	☐	1.000		6406121.02		A	1.4
3	☐	1.000		6348512.68		A	1.3
4	☐	1.000		6202464.63		A	2.4
5	☐	1.000		6130692.48		A	2.7
6	☐	1.000		6137612.27		A	3.0
7	☐	1.000		6283997.13		A	0.8
8	☐	1.000		5727732.41		A	0.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6559123.65		A	0.6
2	☐	1.000		6596335.52		A	1.1
3	☐	1.000		6494370.67		A	2.4
4	☐	1.000		6313937.54		A	5.0
5	☐	1.000		6504103.79		A	2.4
6	☐	1.000		6639118.03		A	0.3
7	☐	1.000		6460835.60		A	0.9
8	☐	1.000		5301336.69		A	2.2

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4377145.11		A	1.1
2	☐	1.000		4325656.22		A	1.1
3	☐	1.000		4281867.75		A	1.5
4	☐	1.000		4198293.72		A	0.8
5	☐	1.000		4118979.14		A	4.1
6	☐	1.000		4047552.37		A	3.1
7	☐	1.000		4036320.88		A	0.9
8	☐	1.000		3450365.89		A	0.8

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP7121223 MS.b
Acq. Date-Time 2023-12-12 14:03:52
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		17123	171233.15			0.670	5.000
24		78874	788740.77			1.010	5.000
25		10301	103005.40			0.552	5.000
26		12011	120109.14			0.436	5.000
59		87939	879388.51			0.756	5.000
113		12120	121201.96			0.819	5.000
115		145694	1456941.39			0.734	5.000
206		32469	324687.82			0.701	5.000
207		28884	288843.73			0.980	5.000
208		69262	692623.12			0.820	5.000
220		0	3.00			31.181	

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

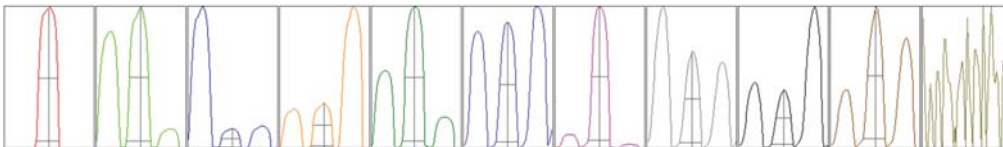
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	17220	17202	17105	17156	16934
24	77858	79670	78302	79611	78929
25	10227	10293	10363	10351	10269
26	11970	11983	11983	12098	12020
59	88024	87474	88990	87277	87930
113	12249	12130	12059	12171	11992
115	146859	145992	146003	145665	143953
206	32855	32329	32378	32486	32297
207	29344	28651	28870	28904	28652
208	70158	69118	68703	69428	68905

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	27998.33	9.00	8.90 - 9.10	
24	131309.59	24.00	23.90 - 24.10	
25	17557.85	25.00	24.90 - 25.10	
26	20324.32	26.00	25.90 - 26.10	
59	146394.07	58.95	58.90 - 59.10	
113	23222.61	113.00	112.90 - 113.10	
115	270037.94	115.00	114.90 - 115.10	
206	65428.02	206.05	205.90 - 206.10	
207	58305.85	207.05	206.90 - 207.10	
208	140021.45	208.05	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.62	0.771	0.900	
24	0.63	0.817	0.900	
25	0.61	0.739	0.900	
26	0.62	0.741	0.900	
59	0.62	0.757	0.900	
113	0.53	0.739	0.900	
115	0.55	0.727	0.900	
206	0.50	0.742	0.900	
207	0.50	0.737	0.900	
208	0.51	0.745	0.900	
220				

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.82 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	9.0 V	Deflect	15.0 V
Extract 2	-130.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-70 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	132	Axis Gain	0.9973	QP Bias	-3.0 V
Mass Offset	129	Axis Offset	0.13		

Hardware Settings

Torch

Torch H	-0.4 mm	Torch V	1.0 mm
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EM

Discriminator	4.6 mV	Analog HV	2301 V	Pulse HV	1377 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		27610	276104.97			3.959	
89		35508	355082.56			4.176	
205		29846	298464.41			2.994	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	29096	26028	27463	27812	27654
89	37615	33514	34973	35698	35740
205	31057	28535	29815	29927	29898

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.82 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	8.4 V	Deflect	2.4 V
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US EPA Tune Check Report

Extract 2	-100.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-55 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	132	Axis Gain	0.9973	QP Bias	-13.0 V
Mass Offset	129	Axis Offset	0.13		
Hardware Settings					
Torch					
Torch H	-0.4 mm	Torch V	1.0 mm		
EM					
Discriminator	4.6 mV	Analog HV	2301 V	Pulse HV	1377 V

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 14:44:46	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.06	-0.07	0.01	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.01	0.00	0.00	N/A	ppb
Barium	135-1	0.00	-0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.02	-0.03	0.01	0.00	N/A	ppb
Cadmium	106-1	-0.25	0.31	-0.06	0.00	N/A	ppb
Cadmium	111-1	-0.01	0.01	0.00	0.00	N/A	ppb
Calcium	43-1	3.69	-2.60	-1.09	0.00	N/A	ppb
Calcium	44-1	0.15	-0.60	0.45	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.00	0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.05	-0.09	0.04	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	-0.05	0.07	-0.03	0.00	N/A	ppb
Iron	57-2	0.29	-0.87	0.58	0.00	N/A	ppb
Iron	54-2	-0.28	0.28	0.00	0.00	N/A	ppb
Krypton	83-1						cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 14:44:46	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	-0.04	-0.03	0.07	0.00	N/A	ppb
Lead	207-1	-0.02	-0.01	0.04	0.00	N/A	ppb
Lead	208-1	-0.02	-0.02	0.04	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.20	-0.02	0.23	0.00	N/A	ppb
Manganese	55-2	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.01	-0.01	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	0.02	-0.02	0.01	0.00	N/A	ppb
Phosphorus	31-2	-16.01	-16.13	-21.29	-17.81		ppb
Potassium	39-2	1.04	-1.32	0.28	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.02	0.27	-0.25	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.33	0.16	0.17	0.00	N/A	ppb
Silicon	28-1	0.01	0.02	-0.03	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	0.19	0.19	-0.39	0.00	N/A	ppb
Strontium	86-1	0.01	-0.01	0.00	0.00	N/A	ppb
Strontium	88-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Sulfur	34-1	-126.27	-271.03	-160.98	-186.10		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	-0.01	0.03	0.00	N/A	ppb
Thallium	205-1	-0.02	-0.02	0.03	0.00	N/A	ppb
Tin	118-1	0.01	-0.01	0.00	0.00	N/A	ppb
Titanium	47-1	-0.01	-0.03	0.05	0.00	N/A	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 14:44:46	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	-0.01	-0.01	0.01	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	0.05	0.00	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 14:57:51	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.78	21.27	21.85	21.63	1.45	ppb
Antimony	121-1	2.09	2.13	2.10	2.11	1.02	ppb
Arsenic	75-2	1.10	1.02	0.98	1.03	5.90	ppb
Barium	135-1	10.57	10.62	10.22	10.47	2.10	ppb
Barium	137-1	10.16	10.27	9.98	10.14	1.48	ppb
Beryllium	9-1	1.13	1.20	1.18	1.17	3.34	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.13	0.90	1.21	1.08	14.74	ppb
Cadmium	106-1	4.32	3.10	1.30	2.91	52.20	ppb
Cadmium	111-1	1.21	1.21	1.11	1.18	5.08	ppb
Calcium	43-1	533.19	549.61	526.92	536.57	2.18	ppb
Calcium	44-1	549.73	554.18	540.57	548.16	1.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.04	2.16	2.13	2.11	2.96	ppb
Cobalt	59-2	1.11	1.12	1.07	1.10	2.39	ppb
Copper	63-2	2.05	2.22	2.07	2.11	4.31	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				100		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	56.58	57.49	56.65	56.91	0.89	ppb
Iron	57-2	60.66	59.33	61.05	60.35	1.50	ppb
Iron	54-2	57.39	57.99	59.08	58.15	1.48	ppb
Krypton	83-1						cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 14:57:51	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.84	0.88	0.89	0.87	2.99	ppb
Lead	207-1	0.83	0.88	0.89	0.86	3.84	ppb
Lead	208-1	0.87	0.89	0.87	0.88	1.13	ppb
Lithium	6-1				101		%
Magnesium	24-2	523.05	527.89	514.04	521.66	1.35	ppb
Manganese	55-2	1.05	1.06	1.03	1.05	1.74	ppb
Molybdenum	94-1	5.80	5.79	5.59	5.73	2.05	ppb
Molybdenum	95-1	5.07	4.85	4.85	4.93	2.58	ppb
Molybdenum	96-1	5.15	4.96	4.87	4.99	2.81	ppb
Molybdenum	97-1	4.93	4.98	4.88	4.93	0.98	ppb
Molybdenum	98-1	4.99	4.79	4.85	4.88	2.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.04	1.06	1.06	1.05	1.13	ppb
Phosphorus	31-2	14.64	18.07	20.73	17.81	17.13	ppb
Potassium	39-2	545.33	547.97	542.70	545.34	0.48	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	5.34	5.18	5.40	5.31	2.13	ppb
Selenium	77-2	5.10	4.83	2.27	4.07	38.32	ppb
Selenium	78-2	5.07	6.04	5.11	5.41	10.15	ppb
Silicon	28-1	0.88	0.98	0.70	0.85	16.17	ppb
Silver	107-1	1.12	1.13	1.09	1.11	1.98	ppb
Silver	109-1	1.14	1.13	1.09	1.12	2.64	ppb
Sodium	23-2	522.84	525.39	525.48	524.57	0.29	ppb
Strontium	86-1	0.94	0.98	0.97	0.96	1.74	ppb
Strontium	88-1	0.99	0.99	1.00	0.99	0.42	ppb
Sulfur	34-1	192.44	244.65	121.19	186.10	33.30	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.92	0.93	0.90	0.92	1.62	ppb
Thallium	205-1	0.94	0.92	0.90	0.92	1.73	ppb
Tin	118-1	5.35	5.51	5.22	5.36	2.73	ppb
Titanium	47-1	5.35	5.24	5.30	5.30	1.05	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 14:57:51	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.87	0.85	0.84	0.86	1.60	ppb
Vanadium	51-2	5.04	5.11	5.01	5.05	1.08	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	5.35	5.16	5.37	5.29	2.25	ppb
Zirconium	90-1	1.00	1.00	0.97	0.99	1.63	ppb
Zirconium	91-1	0.96	1.00	0.91	0.96	4.50	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 15:01:06	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1084.22	1082.05	1086.36	1084.21	0.20	ppb
Antimony	121-1	55.58	52.93	54.03	54.18	2.45	ppb
Arsenic	75-2	50.55	52.07	52.67	51.77	2.12	ppb
Barium	135-1	267.54	255.79	258.95	260.76	2.33	ppb
Barium	137-1	267.65	254.41	257.06	259.71	2.70	ppb
Beryllium	9-1	58.85	57.04	57.06	57.65	1.80	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	57.59	56.97	56.82	57.13	0.71	ppb
Cadmium	106-1	60.73	56.67	57.35	58.25	3.73	ppb
Cadmium	111-1	56.41	55.46	55.77	55.88	0.87	ppb
Calcium	43-1	6307.20	6205.53	5996.54	6169.76	2.57	ppb
Calcium	44-1	5763.17	5485.48	5364.96	5537.87	3.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.66	51.60	52.33	51.87	0.78	ppb
Cobalt	59-2	51.88	52.26	51.77	51.97	0.49	ppb
Copper	63-2	520.44	540.47	531.99	530.97	1.89	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				98		%
Holmium	165-2				97		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	56-2	2635.14	2645.57	2681.06	2653.92	0.91	ppb
Iron	57-2	2854.86	2874.19	2879.00	2869.35	0.45	ppb
Iron	54-2	2925.71	2885.46	2943.91	2918.36	1.02	ppb
Krypton	83-1						cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 15:01:06	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	244.88	233.01	238.02	238.64	2.50	ppb
Lead	207-1	242.09	233.06	236.63	237.26	1.92	ppb
Lead	208-1	252.01	242.12	242.83	245.65	2.24	ppb
Lithium	6-1				98		%
Magnesium	24-2	5143.42	5193.99	5126.65	5154.69	0.68	ppb
Manganese	55-2	517.89	515.30	522.19	518.46	0.67	ppb
Molybdenum	94-1	532.00	504.80	521.12	519.31	2.64	ppb
Molybdenum	95-1	538.93	504.54	517.71	520.39	3.33	ppb
Molybdenum	96-1	535.10	509.75	509.68	518.18	2.83	ppb
Molybdenum	97-1	542.67	515.14	519.36	525.72	2.82	ppb
Molybdenum	98-1	533.70	509.75	510.28	517.91	2.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.62	52.70	52.46	52.59	0.24	ppb
Phosphorus	31-2	1037.93	996.45	1016.43	1016.94	2.04	ppb
Potassium	39-2	2801.55	2791.79	2829.59	2807.64	0.70	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	82-1	53.64	53.84	53.30	53.59	0.51	ppb
Selenium	77-2	52.69	54.25	46.82	51.25	7.65	ppb
Selenium	78-2	48.26	55.49	56.25	53.33	8.27	ppb
Silicon	28-1	60.73	58.96	56.63	58.77	3.49	ppb
Silver	107-1	58.95	57.21	57.02	57.72	1.84	ppb
Silver	109-1	59.28	56.81	57.54	57.88	2.19	ppb
Sodium	23-2	5166.57	5188.03	5200.07	5184.89	0.33	ppb
Strontium	86-1	1336.19	1285.53	1280.15	1300.62	2.38	ppb
Strontium	88-1	1324.47	1253.08	1255.39	1277.65	3.18	ppb
Sulfur	34-1	1528.90	1371.91	1093.55	1331.45	16.56	ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	49.17	47.24	47.51	47.97	2.18	ppb
Thallium	205-1	48.64	46.69	47.57	47.64	2.05	ppb
Tin	118-1	55.23	53.28	54.54	54.35	1.82	ppb
Titanium	47-1	540.16	522.42	505.43	522.67	3.32	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 15:01:06	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	46.13	44.20	44.61	44.98	2.26	ppb
Vanadium	51-2	51.16	51.51	50.74	51.14	0.76	ppb
Yttrium	89-1				95		%
Yttrium	89-2				93		%
Zinc	66-2	541.85	538.28	539.35	539.83	0.34	ppb
Zirconium	90-1	53.88	51.03	51.42	52.11	2.97	ppb
Zirconium	91-1	52.93	51.02	51.68	51.88	1.87	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 15:04:12	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2716.04	2773.54	2776.74	2755.44	1.24	ppb
Antimony	121-1	140.49	129.84	135.99	135.44	3.95	ppb
Arsenic	75-2	127.97	128.36	131.64	129.32	1.56	ppb
Barium	135-1	683.06	624.34	658.27	655.22	4.50	ppb
Barium	137-1	701.36	637.74	665.89	668.33	4.77	ppb
Beryllium	9-1	150.25	139.19	145.23	144.89	3.82	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	145.19	136.81	138.31	140.10	3.19	ppb
Cadmium	106-1	146.40	133.13	141.06	140.20	4.76	ppb
Cadmium	111-1	146.02	134.32	139.87	140.07	4.18	ppb
Calcium	43-1	16199.35	14903.48	15844.00	15648.94	4.28	ppb
Calcium	44-1	14697.09	13541.25	14277.41	14171.92	4.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	130.17	132.52	129.75	130.81	1.14	ppb
Cobalt	59-2	129.42	133.70	131.57	131.56	1.63	ppb
Copper	63-2	1309.25	1332.74	1328.38	1323.46	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				95		%
Indium	115-1				90		%
Indium	115-2				89		%
Iron	56-2	6679.66	6864.88	6753.55	6766.03	1.38	ppb
Iron	57-2	7196.57	7446.66	7289.37	7310.87	1.73	ppb
Iron	54-2	7232.42	7451.44	7347.60	7343.82	1.49	ppb
Krypton	83-1						cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 15:04:12	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	682.79	606.24	643.09	644.04	5.94	ppb
Lead	207-1	685.93	619.01	650.12	651.69	5.14	ppb
Lead	208-1	678.66	614.52	647.86	647.01	4.96	ppb
Lithium	6-1				93		%
Magnesium	24-2	12703.02	13468.78	13224.25	13132.02	2.98	ppb
Manganese	55-2	1246.64	1276.85	1266.57	1263.36	1.22	ppb
Molybdenum	94-1	1352.43	1274.22	1320.96	1315.87	2.99	ppb
Molybdenum	95-1	1352.56	1275.39	1303.50	1310.48	2.98	ppb
Molybdenum	96-1	1333.15	1256.93	1284.16	1291.41	2.99	ppb
Molybdenum	97-1	1324.02	1246.19	1283.48	1284.56	3.03	ppb
Molybdenum	98-1	1344.57	1258.49	1309.39	1304.15	3.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.33	131.19	131.97	130.50	1.47	ppb
Phosphorus	31-2	2561.25	2608.07	2565.38	2578.23	1.01	ppb
Potassium	39-2	6485.36	6630.90	6624.15	6580.14	1.25	ppb
Rhodium	103-1				87		%
Rhodium	103-2				90		%
Scandium	45-1				87		%
Scandium	45-2				88		%
Selenium	82-1	142.24	133.61	137.63	137.83	3.13	ppb
Selenium	77-2	126.60	137.47	137.53	133.87	4.70	ppb
Selenium	78-2	126.77	132.92	131.34	130.34	2.45	ppb
Silicon	28-1	148.55	137.11	144.66	143.44	4.06	ppb
Silver	107-1	147.91	136.09	141.52	141.84	4.17	ppb
Silver	109-1	149.62	136.04	143.48	143.05	4.76	ppb
Sodium	23-2	12755.55	13407.72	13284.34	13149.20	2.63	ppb
Strontium	86-1	3325.94	3159.21	3285.49	3256.88	2.67	ppb
Strontium	88-1	3345.83	3145.63	3273.42	3254.96	3.11	ppb
Sulfur	34-1	3570.69	2646.75	3227.98	3148.47	14.83	ppb
Terbium	159-1				94		%
Terbium	159-2				94		%
Thallium	203-1	131.29	117.51	122.76	123.85	5.62	ppb
Thallium	205-1	135.96	123.37	128.27	129.20	4.91	ppb
Tin	118-1	141.57	129.86	135.62	135.68	4.31	ppb
Titanium	47-1	1357.44	1238.81	1333.11	1309.79	4.78	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 15:04:12	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	130.40	119.70	127.04	125.71	4.35	ppb
Vanadium	51-2	127.21	130.70	129.14	129.02	1.35	ppb
Yttrium	89-1				90		%
Yttrium	89-2				89		%
Zinc	66-2	1358.14	1390.22	1362.59	1370.32	1.27	ppb
Zirconium	90-1	133.06	125.79	131.80	130.22	2.98	ppb
Zirconium	91-1	135.09	127.88	132.54	131.84	2.77	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 15:07:06	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5303.62	5661.14	5619.86	5528.21	3.54	ppb
Antimony	121-1	263.11	262.00	255.18	260.10	1.65	ppb
Arsenic	75-2	248.80	263.08	259.66	257.18	2.90	ppb
Barium	135-1	1315.68	1295.26	1285.24	1298.73	1.19	ppb
Barium	137-1	1308.34	1279.15	1264.61	1284.03	1.73	ppb
Beryllium	9-1	273.05	272.28	273.89	273.07	0.30	ppb
Bismuth	209-1				99		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	275.32	268.01	262.53	268.62	2.39	ppb
Cadmium	106-1	268.66	267.76	259.05	265.16	2.00	ppb
Cadmium	111-1	269.94	266.49	265.64	267.35	0.85	ppb
Calcium	43-1	30539.23	30978.92	30450.06	30656.07	0.92	ppb
Calcium	44-1	27575.84	27810.86	27539.22	27641.97	0.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	249.79	267.56	267.29	261.55	3.89	ppb
Cobalt	59-2	251.43	269.26	267.89	262.86	3.77	ppb
Copper	63-2	2487.29	2661.38	2666.83	2605.17	3.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				93		%
Indium	115-1				89		%
Indium	115-2				88		%
Iron	56-2	12866.87	13925.73	13865.72	13552.77	4.39	ppb
Iron	57-2	13879.10	15003.72	14955.59	14612.80	4.35	ppb
Iron	54-2	13354.22	14197.80	14120.99	13891.00	3.36	ppb
Krypton	83-1						cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 15:07:06	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1263.44	1265.07	1245.80	1258.10	0.85	ppb
Lead	207-1	1266.57	1265.57	1266.13	1266.09	0.04	ppb
Lead	208-1	1267.91	1258.21	1261.43	1262.52	0.39	ppb
Lithium	6-1				94		%
Magnesium	24-2	25111.41	27283.10	26806.42	26400.31	4.32	ppb
Manganese	55-2	2442.48	2626.41	2567.60	2545.49	3.69	ppb
Molybdenum	94-1	2617.61	2578.68	2479.67	2558.65	2.78	ppb
Molybdenum	95-1	2619.88	2552.83	2500.06	2557.59	2.35	ppb
Molybdenum	96-1	2603.49	2589.60	2504.58	2565.89	2.09	ppb
Molybdenum	97-1	2585.98	2591.69	2484.69	2554.12	2.36	ppb
Molybdenum	98-1	2613.23	2568.25	2526.13	2569.21	1.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	251.47	268.58	266.20	262.08	3.54	ppb
Phosphorus	31-2	4881.06	5295.72	5192.60	5123.13	4.21	ppb
Potassium	39-2	12445.51	13289.72	13343.58	13026.27	3.87	ppb
Rhodium	103-1				86		%
Rhodium	103-2				88		%
Scandium	45-1				85		%
Scandium	45-2				87		%
Selenium	82-1	272.14	267.73	257.66	265.84	2.79	ppb
Selenium	77-2	272.48	287.30	264.22	274.67	4.26	ppb
Selenium	78-2	242.10	268.77	262.85	257.91	5.43	ppb
Silicon	28-1	274.40	273.36	267.06	271.61	1.46	ppb
Silver	107-1	273.14	265.57	263.01	267.24	1.97	ppb
Silver	109-1	274.09	268.60	268.14	270.28	1.23	ppb
Sodium	23-2	25456.92	27264.99	27416.27	26712.72	4.08	ppb
Strontium	86-1	6554.04	6427.21	6211.80	6397.68	2.70	ppb
Strontium	88-1	6438.81	6437.94	6278.50	6385.08	1.45	ppb
Sulfur	34-1	5409.21	5108.74	4744.05	5087.34	6.55	ppb
Terbium	159-1				96		%
Terbium	159-2				93		%
Thallium	203-1	256.76	253.25	251.30	253.77	1.09	ppb
Thallium	205-1	254.22	253.43	250.63	252.76	0.75	ppb
Tin	118-1	264.86	258.68	256.87	260.14	1.61	ppb
Titanium	47-1	2566.74	2564.94	2543.29	2558.32	0.51	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 15:07:06	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	251.32	253.39	248.20	250.97	1.04	ppb
Vanadium	51-2	245.28	264.63	263.67	257.86	4.23	ppb
Yttrium	89-1				89		%
Yttrium	89-2				88		%
Zinc	66-2	2584.47	2779.25	2755.70	2706.47	3.93	ppb
Zirconium	90-1	260.96	260.34	252.58	257.96	1.81	ppb
Zirconium	91-1	263.42	261.21	253.44	259.35	2.02	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 15:09:55	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10961.93	10619.69	10697.59	10759.74	1.67	ppb
Antimony	121-1	497.27	507.15	511.66	505.36	1.46	ppb
Arsenic	75-2	527.38	495.20	516.73	513.10	3.20	ppb
Barium	135-1	2480.22	2477.59	2505.57	2487.79	0.62	ppb
Barium	137-1	2503.74	2476.88	2524.60	2501.74	0.96	ppb
Beryllium	9-1	526.79	530.72	534.65	530.72	0.74	ppb
Bismuth	209-1				101		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	508.88	515.39	507.96	510.74	0.79	ppb
Cadmium	106-1	505.10	504.74	512.05	507.30	0.81	ppb
Cadmium	111-1	512.95	506.17	519.47	512.87	1.30	ppb
Calcium	43-1	59485.80	60273.58	61483.69	60414.36	1.67	ppb
Calcium	44-1	53397.69	54234.18	55159.27	54263.71	1.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	534.55	492.52	508.63	511.90	4.14	ppb
Cobalt	59-2	548.34	504.20	528.35	526.97	4.19	ppb
Copper	63-2	5449.52	5018.24	5165.39	5211.05	4.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				94		%
Indium	115-1				90		%
Indium	115-2				85		%
Iron	56-2	28969.26	26642.31	27709.54	27773.70	4.19	ppb
Iron	57-2	29631.56	26705.57	28022.86	28119.99	5.21	ppb
Iron	54-2	29102.61	27265.18	28171.26	28179.68	3.26	ppb
Krypton	83-1						cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 15:09:55	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2467.92	2485.64	2445.98	2466.51	0.81	ppb
Lead	207-1	2473.52	2488.26	2477.07	2479.62	0.31	ppb
Lead	208-1	2476.06	2500.88	2471.06	2482.67	0.64	ppb
Lithium	6-1				93		%
Magnesium	24-2	55304.34	51530.76	53299.19	53378.10	3.54	ppb
Manganese	55-2	5324.25	5025.85	5171.70	5173.93	2.88	ppb
Molybdenum	94-1	5033.99	5024.92	5090.91	5049.94	0.71	ppb
Molybdenum	95-1	5020.42	4942.92	5074.64	5012.66	1.32	ppb
Molybdenum	96-1	5066.21	4940.50	4984.76	4997.16	1.28	ppb
Molybdenum	97-1	4994.75	4957.03	5020.19	4990.66	0.64	ppb
Molybdenum	98-1	4978.06	4983.03	5066.63	5009.24	0.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	545.32	505.60	523.04	524.65	3.80	ppb
Phosphorus	31-2	10842.37	10144.69	10257.95	10415.00	3.59	ppb
Potassium	39-2	27487.46	25960.64	26325.77	26591.29	3.00	ppb
Rhodium	103-1				85		%
Rhodium	103-2				84		%
Scandium	45-1				84		%
Scandium	45-2				85		%
Selenium	82-1	514.39	507.40	515.11	512.30	0.83	ppb
Selenium	77-2	534.72	514.38	521.22	523.44	1.98	ppb
Selenium	78-2	533.68	498.92	522.83	518.48	3.43	ppb
Silicon	28-1	518.88	511.52	520.05	516.81	0.89	ppb
Silver	107-1	507.55	500.18	510.02	505.92	1.01	ppb
Silver	109-1	512.95	506.33	512.80	510.69	0.74	ppb
Sodium	23-2	55701.95	52575.43	54100.02	54125.80	2.89	ppb
Strontium	86-1	12631.62	12316.21	12631.24	12526.36	1.45	ppb
Strontium	88-1	12497.73	12414.98	12723.18	12545.30	1.27	ppb
Sulfur	34-1	9699.66	9579.86	9673.67	9651.06	0.65	ppb
Terbium	159-1				98		%
Terbium	159-2				92		%
Thallium	203-1	493.72	505.02	495.54	498.09	1.22	ppb
Thallium	205-1	495.79	496.88	490.98	494.55	0.63	ppb
Tin	118-1	496.83	504.90	509.68	503.80	1.29	ppb
Titanium	47-1	4955.72	4959.26	5093.52	5002.83	1.57	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 15:09:55	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	485.36	498.50	490.84	491.57	1.34	ppb
Vanadium	51-2	544.31	510.72	519.69	524.90	3.31	ppb
Yttrium	89-1				90		%
Yttrium	89-2				87		%
Zinc	66-2	5498.13	5121.31	5241.50	5286.98	3.64	ppb
Zirconium	90-1	500.18	495.77	503.58	499.84	0.78	ppb
Zirconium	91-1	502.53	503.36	498.68	501.52	0.50	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 15:12:40	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20785.99	20656.72	20780.27	20740.99	0.35	ppb
Antimony	121-1	980.84	1000.16	998.85	993.28	1.09	ppb
Arsenic	75-2	976.65	988.78	1007.65	991.02	1.58	ppb
Barium	135-1	4978.97	4957.98	5031.86	4989.60	0.76	ppb
Barium	137-1	4941.00	5005.53	5007.64	4984.72	0.76	ppb
Beryllium	9-1	951.34	975.88	1000.79	976.00	2.53	ppb
Bismuth	209-1				99		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	984.11	991.71	987.37	987.73	0.39	ppb
Cadmium	106-1	986.51	995.67	988.57	990.25	0.49	ppb
Cadmium	111-1	991.38	977.08	992.69	987.05	0.88	ppb
Calcium	43-1	113695.15	114427.69	115217.50	114446.78	0.67	ppb
Calcium	44-1	106587.17	108041.28	109357.62	107995.36	1.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1002.86	983.67	984.49	990.34	1.10	ppb
Cobalt	59-2	981.68	978.68	986.78	982.38	0.42	ppb
Copper	63-2	9851.48	9793.90	9926.99	9857.45	0.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				96		%
Indium	115-1				88		%
Indium	115-2				86		%
Iron	56-2	52848.24	52853.41	52044.47	52582.04	0.89	ppb
Iron	57-2	53019.39	53447.77	52982.40	53149.85	0.49	ppb
Iron	54-2	54537.46	53568.29	53356.78	53820.84	1.17	ppb
Krypton	83-1						cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 15:12:40	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4963.21	5067.78	5007.72	5012.90	1.05	ppb
Lead	207-1	4943.85	5052.51	5014.05	5003.47	1.10	ppb
Lead	208-1	4976.15	5047.41	4985.45	5003.00	0.77	ppb
Lithium	6-1				92		%
Magnesium	24-2	101482.61	100448.88	101272.69	101068.06	0.54	ppb
Manganese	55-2	10007.48	9885.58	9804.15	9899.07	1.03	ppb
Molybdenum	94-1	9839.81	10021.89	9991.81	9951.17	0.98	ppb
Molybdenum	95-1	9828.15	10032.42	10051.51	9970.69	1.24	ppb
Molybdenum	96-1	9803.76	10048.27	10084.57	9978.86	1.53	ppb
Molybdenum	97-1	9882.31	10091.40	9982.89	9985.54	1.05	ppb
Molybdenum	98-1	9944.20	10002.19	9964.86	9970.42	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	986.74	974.15	990.62	983.84	0.88	ppb
Phosphorus	31-2	19902.25	19468.76	19882.27	19751.09	1.24	ppb
Potassium	39-2	50644.68	50471.84	51395.15	50837.22	0.97	ppb
Rhodium	103-1				84		%
Rhodium	103-2				85		%
Scandium	45-1				84		%
Scandium	45-2				87		%
Selenium	82-1	975.47	997.93	990.91	988.10	1.16	ppb
Selenium	77-2	972.91	1000.09	969.85	980.95	1.70	ppb
Selenium	78-2	957.39	982.29	1024.16	987.95	3.42	ppb
Silicon	28-1	990.81	977.39	982.42	983.54	0.69	ppb
Silver	107-1	987.81	983.58	999.33	990.24	0.82	ppb
Silver	109-1	984.37	984.69	991.75	986.93	0.42	ppb
Sodium	23-2	103343.23	102949.68	103043.59	103112.17	0.20	ppb
Strontium	86-1	24652.42	25080.76	25059.47	24930.88	0.97	ppb
Strontium	88-1	24866.02	25086.14	24825.70	24925.95	0.56	ppb
Sulfur	34-1	19956.21	19916.84	20291.95	20055.00	1.03	ppb
Terbium	159-1				98		%
Terbium	159-2				95		%
Thallium	203-1	999.44	1000.35	1000.98	1000.26	0.08	ppb
Thallium	205-1	985.91	1010.98	1007.99	1001.63	1.37	ppb
Tin	118-1	987.42	995.81	998.80	994.01	0.59	ppb
Titanium	47-1	9829.76	10029.93	10066.50	9975.40	1.28	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 15:12:40	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	979.35	1013.54	1019.52	1004.14	2.16	ppb
Vanadium	51-2	999.16	979.05	976.86	985.02	1.25	ppb
Yttrium	89-1				89		%
Yttrium	89-2				88		%
Zinc	66-2	9784.98	9671.19	9907.40	9787.86	1.21	ppb
Zirconium	90-1	979.36	1004.97	1007.66	997.33	1.57	ppb
Zirconium	91-1	980.29	1005.84	1001.72	995.95	1.38	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 15:15:28	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100068.94	99762.18	99395.45	99742.19	0.34	ppb
Antimony	121-1	1.10	1.11	1.17	1.12	3.30	ppb
Arsenic	75-2	0.60	0.44	0.47	0.50	17.08	ppb
Barium	135-1	3.96	3.79	3.63	3.79	4.43	ppb
Barium	137-1	3.96	3.75	3.67	3.79	3.94	ppb
Beryllium	9-1	0.48	0.40	0.38	0.42	11.66	ppb
Bismuth	209-1				81		%
Bismuth	209-2				79		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.05	1.06	0.98	1.03	4.53	ppb
Cadmium	106-1	0.87	1.24	1.44	1.18	24.36	ppb
Cadmium	111-1	0.85	0.75	0.78	0.80	6.42	ppb
Calcium	43-1	492816.14	497666.88	496604.82	495695.95	0.51	ppb
Calcium	44-1	496892.74	496059.00	500433.97	497795.23	0.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.04	4.24	4.16	4.15	2.50	ppb
Cobalt	59-2	3.06	3.11	3.05	3.07	0.92	ppb
Copper	63-2	2.94	2.66	2.55	2.72	7.38	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				89		%
Holmium	165-2				87		%
Indium	115-1				80		%
Indium	115-2				80		%
Iron	56-2	249392.73	249167.05	248857.64	249139.14	0.11	ppb
Iron	57-2	247916.64	248434.54	250415.34	248922.17	0.53	ppb
Iron	54-2	247508.85	248525.32	250416.18	248816.78	0.59	ppb
Krypton	83-1						cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 15:15:28	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	3.55	3.42	3.18	3.39	5.54	ppb
Lead	207-1	3.41	3.36	3.17	3.32	3.85	ppb
Lead	208-1	3.51	3.37	3.21	3.36	4.48	ppb
Lithium	6-1				87		%
Magnesium	24-2	500737.96	493724.47	503621.15	499361.19	1.02	ppb
Manganese	55-2	6.74	6.45	6.12	6.44	4.88	ppb
Molybdenum	94-1	4.62	4.67	4.31	4.53	4.22	ppb
Molybdenum	95-1	4.26	4.30	4.19	4.25	1.40	ppb
Molybdenum	96-1	5.45	5.24	4.97	5.22	4.63	ppb
Molybdenum	97-1	4.27	3.94	3.72	3.98	6.95	ppb
Molybdenum	98-1	4.05	3.92	3.60	3.86	6.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.21	4.24	4.13	4.20	1.32	ppb
Phosphorus	31-2	-4.32	2.22	-2.53	-1.54		ppb
Potassium	39-2	250237.45	248137.56	250532.07	249635.69	0.52	ppb
Rhodium	103-1				74		%
Rhodium	103-2				74		%
Scandium	45-1				81		%
Scandium	45-2				82		%
Selenium	82-1	5.69	5.84	6.27	5.93	5.13	ppb
Selenium	77-2	3.36	5.48	4.08	4.31	24.94	ppb
Selenium	78-2	4.96	5.73	5.36	5.35	7.20	ppb
Silicon	28-1	4.14	4.34	4.16	4.21	2.57	ppb
Silver	107-1	0.45	0.43	0.37	0.42	10.59	ppb
Silver	109-1	0.47	0.43	0.41	0.44	7.23	ppb
Sodium	23-2	498123.04	497172.71	501287.99	498861.25	0.43	ppb
Strontium	86-1	8.94	8.30	7.22	8.15	10.64	ppb
Strontium	88-1	8.78	8.22	7.19	8.06	10.00	ppb
Sulfur	34-1	-1457.64	-1255.27	-1128.73	-1280.54		ppb
Terbium	159-1				88		%
Terbium	159-2				86		%
Thallium	203-1	0.57	0.50	0.44	0.50	13.69	ppb
Thallium	205-1	0.53	0.52	0.44	0.50	9.75	ppb
Tin	118-1	0.90	0.90	0.85	0.88	3.06	ppb
Titanium	47-1	3.70	3.54	3.22	3.48	7.07	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 15:15:28	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.54	0.49	0.48	0.50	6.03	ppb
Vanadium	51-2	0.34	0.38	0.35	0.36	5.67	ppb
Yttrium	89-1				82		%
Yttrium	89-2				82		%
Zinc	66-2	12.29	12.51	12.43	12.41	0.90	ppb
Zirconium	90-1	0.67	0.65	0.64	0.65	2.56	ppb
Zirconium	91-1	0.69	0.64	0.67	0.67	3.61	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	ICV16	Instrumnet Name :	P7
Client Sample ID :	ICV16	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 15:43:49	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	720.83	722.64	725.15	722.87	0.30	ppb
Antimony	121-1	197.91	200.69	202.50	200.37	1.16	ppb
Arsenic	75-2	196.07	197.01	196.15	196.41	0.27	ppb
Barium	135-1	97.85	97.68	99.88	98.47	1.24	ppb
Barium	137-1	96.87	98.46	99.71	98.35	1.45	ppb
Beryllium	9-1	106.43	107.05	105.96	106.48	0.52	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	163.70	166.89	167.69	166.09	1.27	ppb
Cadmium	106-1	172.83	172.41	170.22	171.82	0.82	ppb
Cadmium	111-1	106.19	106.63	108.12	106.98	0.95	ppb
Calcium	43-1	2254.93	2305.41	2250.29	2270.21	1.35	ppb
Calcium	44-1	2163.83	2188.81	2198.47	2183.71	0.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	100.56	100.00	99.88	100.15	0.36	ppb
Cobalt	59-2	100.92	100.25	101.06	100.74	0.43	ppb
Copper	63-2	100.47	100.43	99.95	100.28	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				96		%
Holmium	165-2				96		%
Indium	115-1				93		%
Indium	115-2				92		%
Iron	56-2	2017.95	2023.38	2006.39	2015.91	0.43	ppb
Iron	57-2	2146.95	2150.71	2164.50	2154.05	0.43	ppb
Iron	54-2	2240.21	2227.90	2243.62	2237.24	0.37	ppb
Krypton	83-1						cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	ICV16	Instrumnet Name :	P7
Client Sample ID :	ICV16	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 15:43:49	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	183.67	187.36	193.66	188.23	2.68	ppb
Lead	207-1	174.87	179.09	182.38	178.78	2.11	ppb
Lead	208-1	186.19	190.03	191.03	189.08	1.35	ppb
Lithium	6-1				98		%
Magnesium	24-2	1160.33	1158.50	1174.84	1164.55	0.77	ppb
Manganese	55-2	99.54	100.52	101.03	100.36	0.75	ppb
Molybdenum	94-1	4850.36	4800.03	4838.40	4829.60	0.54	ppb
Molybdenum	95-1	4799.14	4737.19	4780.60	4772.31	0.67	ppb
Molybdenum	96-1	4831.93	4718.53	4792.50	4780.99	1.20	ppb
Molybdenum	97-1	4827.21	4734.70	4791.06	4784.32	0.97	ppb
Molybdenum	98-1	4761.00	4759.58	4768.40	4762.99	0.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.74	102.38	102.32	102.48	0.22	ppb
Phosphorus	31-2	-14.39	-16.23	-14.48	-15.03		ppb
Potassium	39-2	2057.22	2062.00	2040.72	2053.31	0.54	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				92		%
Scandium	45-2				92		%
Selenium	82-1	202.39	204.38	208.19	204.98	1.44	ppb
Selenium	77-2	194.83	215.43	204.15	204.80	5.04	ppb
Selenium	78-2	201.26	206.02	206.53	204.60	1.42	ppb
Silicon	28-1	44.31	44.99	44.60	44.63	0.76	ppb
Silver	107-1	52.52	53.07	53.25	52.95	0.71	ppb
Silver	109-1	52.15	52.65	53.53	52.78	1.33	ppb
Sodium	23-2	1953.54	1973.61	1978.02	1968.39	0.66	ppb
Strontium	86-1	514.43	507.66	515.33	512.47	0.82	ppb
Strontium	88-1	508.85	503.49	508.62	506.98	0.60	ppb
Sulfur	34-1	-563.73	-777.93	-929.38	-757.01		ppb
Terbium	159-1				96		%
Terbium	159-2				95		%
Thallium	203-1	196.65	199.04	204.81	200.17	2.09	ppb
Thallium	205-1	205.13	204.39	217.94	209.15	3.64	ppb
Tin	118-1	520.32	536.57	537.75	531.55	1.83	ppb
Titanium	47-1	5047.67	5129.10	5131.72	5102.83	0.94	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	ICV16	Instrumnet Name :	P7
Client Sample ID :	ICV16	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 15:43:49	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	505.13	522.20	534.70	520.67	2.85	ppb
Vanadium	51-2	95.84	95.07	95.25	95.39	0.42	ppb
Yttrium	89-1				93		%
Yttrium	89-2				92		%
Zinc	66-2	210.48	208.21	210.89	209.86	0.69	ppb
Zirconium	90-1	497.95	498.45	503.22	499.87	0.58	ppb
Zirconium	91-1	501.12	490.97	502.32	498.14	1.25	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:01:45	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.45	19.85	20.57	19.95	2.83	ppb
Antimony	121-1	1.91	2.11	2.04	2.02	4.92	ppb
Arsenic	75-2	1.00	0.99	1.13	1.04	7.60	ppb
Barium	135-1	9.53	10.09	9.53	9.72	3.35	ppb
Barium	137-1	9.58	10.18	9.73	9.83	3.18	ppb
Beryllium	9-1	1.07	1.19	1.14	1.13	5.21	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.08	1.30	0.71	1.03	28.95	ppb
Cadmium	106-1	-0.32	-0.18	0.84	0.11	554.22	ppb
Cadmium	111-1	1.07	1.00	1.20	1.09	9.48	ppb
Calcium	43-1	516.71	530.39	502.23	516.44	2.73	ppb
Calcium	44-1	517.46	537.09	514.44	523.00	2.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.98	2.05	1.86	1.96	4.94	ppb
Cobalt	59-2	1.06	1.08	1.01	1.05	3.63	ppb
Copper	63-2	1.74	1.78	1.76	1.76	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				99		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	54.39	55.32	54.46	54.72	0.95	ppb
Iron	57-2	58.73	56.56	54.91	56.73	3.38	ppb
Iron	54-2	56.16	55.11	56.26	55.85	1.14	ppb
Krypton	83-1						cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:01:45	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.83	0.87	0.84	0.85	2.43	ppb
Lead	207-1	0.88	0.84	0.85	0.86	2.46	ppb
Lead	208-1	0.85	0.87	0.84	0.85	1.37	ppb
Lithium	6-1				102		%
Magnesium	24-2	501.40	503.19	504.43	503.01	0.30	ppb
Manganese	55-2	0.99	1.02	0.97	0.99	2.34	ppb
Molybdenum	94-1	5.61	5.75	5.35	5.57	3.70	ppb
Molybdenum	95-1	4.67	4.81	4.50	4.66	3.37	ppb
Molybdenum	96-1	4.75	4.86	4.68	4.76	1.88	ppb
Molybdenum	97-1	4.56	4.69	4.63	4.63	1.35	ppb
Molybdenum	98-1	4.64	4.81	4.63	4.69	2.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.98	0.94	1.07	0.99	6.51	ppb
Phosphorus	31-2	16.29	27.77	4.85	16.30	70.29	ppb
Potassium	39-2	522.75	521.28	535.44	526.49	1.48	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	5.25	4.15	4.89	4.76	11.82	ppb
Selenium	77-2	5.22	3.19	5.71	4.71	28.48	ppb
Selenium	78-2	4.26	4.94	4.05	4.41	10.51	ppb
Silicon	28-1	0.49	0.77	0.24	0.50	52.75	ppb
Silver	107-1	0.99	1.06	1.09	1.05	4.51	ppb
Silver	109-1	1.03	1.07	1.07	1.06	2.33	ppb
Sodium	23-2	516.54	524.57	520.48	520.53	0.77	ppb
Strontium	86-1	1.00	1.01	0.93	0.98	4.11	ppb
Strontium	88-1	0.94	0.99	0.91	0.95	3.88	ppb
Sulfur	34-1	-407.27	-266.73	-473.20	-382.40		ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	0.93	0.90	0.87	0.90	3.38	ppb
Thallium	205-1	0.84	0.90	0.85	0.86	3.45	ppb
Tin	118-1	4.94	5.27	5.04	5.09	3.32	ppb
Titanium	47-1	5.10	5.22	4.96	5.09	2.52	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:01:45	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.82	0.82	0.80	0.81	1.36	ppb
Vanadium	51-2	4.81	4.92	4.96	4.90	1.53	ppb
Yttrium	89-1				97		%
Yttrium	89-2				97		%
Zinc	66-2	5.32	4.81	4.90	5.01	5.41	ppb
Zirconium	90-1	0.94	0.96	0.96	0.96	1.25	ppb
Zirconium	91-1	0.92	1.00	0.96	0.96	4.07	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	ICB16	Instrumnet Name :	P7
Client Sample ID :	ICB16	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:05:05	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.00	-0.28	-0.24	-0.18		ppb
Antimony	121-1	0.00	-0.01	0.00	0.00		ppb
Arsenic	75-2	0.01	-0.01	0.00	0.00		ppb
Barium	135-1	0.00	0.00	0.00	0.00	289.30	ppb
Barium	137-1	0.00	-0.01	0.00	0.00		ppb
Beryllium	9-1	0.01	0.02	0.01	0.02	41.49	ppb
Bismuth	209-1				98		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.02	-0.05	0.02	0.00		ppb
Cadmium	106-1	1.03	0.25	-0.31	0.32	207.01	ppb
Cadmium	111-1	0.03	0.01	0.00	0.01	109.95	ppb
Calcium	43-1	-4.08	-1.95	-6.15	-4.06		ppb
Calcium	44-1	-0.18	0.24	-0.19	-0.05		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.06	0.04	0.05	17.94	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	1183.20	ppb
Copper	63-2	-0.35	-0.13	-0.22	-0.23		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				90		%
Indium	115-1				97		%
Indium	115-2				91		%
Iron	56-2	-0.17	0.09	-0.22	-0.10		ppb
Iron	57-2	-1.03	0.43	0.83	0.08	1299.75	ppb
Iron	54-2	-0.14	1.18	-0.34	0.23	352.98	ppb
Krypton	83-1						cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	ICB16	Instrumnet Name :	P7
Client Sample ID :	ICB16	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:05:05	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	-0.02	-0.03	-0.02	-0.02		ppb
Lead	207-1	-0.01	0.00	0.00	0.00		ppb
Lead	208-1	-0.01	-0.01	-0.01	-0.01		ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.44	-0.32	-0.46	-0.41		ppb
Manganese	55-2	-0.01	0.01	-0.01	0.00		ppb
Molybdenum	94-1	-0.02	0.00	0.00	-0.01		ppb
Molybdenum	95-1	0.00	0.01	0.01	0.01	21.44	ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	25.44	ppb
Molybdenum	97-1	0.01	0.01	0.00	0.00	114.30	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.01	-0.06	-0.04		ppb
Phosphorus	31-2	-8.78	-7.20	-12.28	-9.42		ppb
Potassium	39-2	11.70	33.59	10.57	18.62	69.69	ppb
Rhodium	103-1				97		%
Rhodium	103-2				89		%
Scandium	45-1				97		%
Scandium	45-2				89		%
Selenium	82-1	-0.28	-0.32	-0.08	-0.23		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.61	0.23	0.39	0.41	47.01	ppb
Silicon	28-1	0.13	0.07	0.26	0.15	64.48	ppb
Silver	107-1	0.01	0.01	0.01	0.01	27.87	ppb
Silver	109-1	0.01	0.01	0.01	0.01	20.18	ppb
Sodium	23-2	12.32	17.64	12.56	14.17	21.20	ppb
Strontium	86-1	0.02	0.01	0.03	0.02	45.37	ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-301.00	-285.19	-320.32	-302.17		ppb
Terbium	159-1				97		%
Terbium	159-2				90		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.01	0.00	0.00	0.00		ppb
Titanium	47-1	0.02	0.02	0.04	0.03	45.50	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	ICB16	Instrumnet Name :	P7
Client Sample ID :	ICB16	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:05:05	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				97		%
Yttrium	89-2				90		%
Zinc	66-2	0.03	0.20	0.00	0.08	132.08	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb
Zirconium	91-1	0.00	0.01	0.00	0.00	672.67	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	ICSA16	Instrumnet Name :	P7
Client Sample ID :	ICSA16	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:08:24	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	95203.91	95084.78	95047.58	95112.09	0.09	ppb
Antimony	121-1	1.11	1.10	1.12	1.11	0.77	ppb
Arsenic	75-2	0.22	0.22	0.27	0.24	10.83	ppb
Barium	135-1	1.35	1.33	1.29	1.32	2.54	ppb
Barium	137-1	1.36	1.26	1.30	1.31	3.77	ppb
Beryllium	9-1	0.32	0.24	0.26	0.27	14.70	ppb
Bismuth	209-1				93		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	9.57	8.22	8.78	8.86	7.68	ppb
Cadmium	106-1	-1.28	-1.34	-2.10	-1.57		ppb
Cadmium	111-1	0.34	0.40	0.35	0.36	9.22	ppb
Calcium	43-1	94851.44	95765.20	94955.36	95190.67	0.53	ppb
Calcium	44-1	93402.80	94754.70	94782.86	94313.45	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.49	19.20	19.54	19.41	0.94	ppb
Cobalt	59-2	1.29	1.25	1.25	1.27	1.88	ppb
Copper	63-2	8.20	8.23	8.14	8.19	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				93		%
Indium	115-1				88		%
Indium	115-2				85		%
Iron	56-2	100519.30	99818.56	99307.53	99881.80	0.61	ppb
Iron	57-2	100765.82	98889.73	98293.30	99316.28	1.30	ppb
Iron	54-2	100032.24	100376.21	99394.08	99934.18	0.50	ppb
Krypton	83-1						cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	ICSA16	Instrumnet Name :	P7
Client Sample ID :	ICSA16	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:08:24	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.29	4.27	4.25	4.27	0.44	ppb
Lead	207-1	3.91	3.98	3.92	3.94	1.02	ppb
Lead	208-1	4.07	4.09	3.99	4.05	1.31	ppb
Lithium	6-1				92		%
Magnesium	24-2	90518.02	90175.81	92622.34	91105.39	1.45	ppb
Manganese	55-2	7.85	7.86	7.86	7.85	0.10	ppb
Molybdenum	94-1	1481.05	1483.37	1464.50	1476.31	0.70	ppb
Molybdenum	95-1	1791.28	1787.58	1788.23	1789.03	0.11	ppb
Molybdenum	96-1	1730.28	1760.56	1775.52	1755.45	1.31	ppb
Molybdenum	97-1	1788.43	1790.62	1792.41	1790.49	0.11	ppb
Molybdenum	98-1	1775.77	1786.75	1785.93	1782.82	0.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.40	5.54	5.32	5.42	2.08	ppb
Phosphorus	31-2	96535.48	94840.55	95134.40	95503.48	0.95	ppb
Potassium	39-2	96767.46	96006.63	94729.73	95834.61	1.07	ppb
Rhodium	103-1				82		%
Rhodium	103-2				83		%
Scandium	45-1				85		%
Scandium	45-2				85		%
Selenium	82-1	0.11	-0.05	-0.08	-0.01		ppb
Selenium	77-2	0.33	0.64	0.33	0.43	42.13	ppb
Selenium	78-2	0.11	-1.30	-1.34	-0.85		ppb
Silicon	28-1	1.78	1.77	1.55	1.70	7.77	ppb
Silver	107-1	0.06	0.04	0.05	0.05	15.27	ppb
Silver	109-1	0.05	0.05	0.05	0.05	2.42	ppb
Sodium	23-2	97889.92	97803.95	97849.26	97847.71	0.04	ppb
Strontium	86-1	32.45	32.36	32.69	32.50	0.52	ppb
Strontium	88-1	31.99	32.36	32.63	32.33	1.00	ppb
Sulfur	34-1	101325.29	101200.44	100706.40	101077.38	0.32	ppb
Terbium	159-1				95		%
Terbium	159-2				92		%
Thallium	203-1	0.10	0.11	0.11	0.11	4.34	ppb
Thallium	205-1	0.10	0.11	0.11	0.11	2.41	ppb
Tin	118-1	0.43	0.34	0.29	0.35	20.30	ppb
Titanium	47-1	1926.98	1958.39	1952.43	1945.93	0.86	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	ICSA16	Instrumnet Name :	P7
Client Sample ID :	ICSA16	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:08:24	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	20.22	ppb
Vanadium	51-2	0.22	0.18	0.21	0.20	8.88	ppb
Yttrium	89-1				87		%
Yttrium	89-2				86		%
Zinc	66-2	11.77	11.34	10.78	11.30	4.37	ppb
Zirconium	90-1	0.01	0.02	0.01	0.02	25.90	ppb
Zirconium	91-1	0.02	0.02	0.02	0.02	1.04	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	ICSAB16	Instrumnet Name :	P7
Client Sample ID :	ICSAB16	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:11:39	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96952.87	95548.89	96259.15	96253.64	0.73	ppb
Antimony	121-1	21.18	20.91	20.84	20.98	0.84	ppb
Arsenic	75-2	19.95	19.58	19.36	19.63	1.54	ppb
Barium	135-1	20.91	20.65	20.50	20.69	1.00	ppb
Barium	137-1	20.86	20.93	20.74	20.85	0.45	ppb
Beryllium	9-1	20.59	21.39	21.74	21.24	2.77	ppb
Bismuth	209-1				92		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	28.87	31.74	29.27	29.96	5.19	ppb
Cadmium	106-1	23.40	22.96	21.60	22.65	4.14	ppb
Cadmium	111-1	19.71	19.95	20.26	19.97	1.39	ppb
Calcium	43-1	100448.83	98793.19	98714.25	99318.76	0.99	ppb
Calcium	44-1	98259.86	97885.66	97550.63	97898.72	0.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.41	39.90	40.44	40.25	0.75	ppb
Cobalt	59-2	21.20	20.72	21.20	21.04	1.33	ppb
Copper	63-2	28.53	27.61	28.37	28.17	1.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				94		%
Indium	115-1				87		%
Indium	115-2				86		%
Iron	56-2	102379.67	101504.29	101617.25	101833.74	0.47	ppb
Iron	57-2	100178.15	99921.97	101064.86	100388.33	0.60	ppb
Iron	54-2	102238.86	101152.44	102019.68	101803.66	0.56	ppb
Krypton	83-1						cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	ICSAB16	Instrumnet Name :	P7
Client Sample ID :	ICSAB16	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:11:39	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	26.96	26.92	27.81	27.23	1.84	ppb
Lead	207-1	25.91	26.22	26.55	26.23	1.22	ppb
Lead	208-1	26.46	26.36	26.99	26.60	1.28	ppb
Lithium	6-1				91		%
Magnesium	24-2	93842.83	92472.44	92743.36	93019.54	0.78	ppb
Manganese	55-2	28.06	27.60	28.79	28.15	2.13	ppb
Molybdenum	94-1	1613.27	1649.78	1648.27	1637.11	1.26	ppb
Molybdenum	95-1	1838.76	1895.97	1882.98	1872.57	1.60	ppb
Molybdenum	96-1	1822.43	1838.48	1869.92	1843.61	1.31	ppb
Molybdenum	97-1	1854.29	1861.41	1880.47	1865.39	0.73	ppb
Molybdenum	98-1	1865.11	1861.34	1892.18	1872.87	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.92	24.36	25.26	24.84	1.83	ppb
Phosphorus	31-2	98303.72	96208.46	97197.63	97236.60	1.08	ppb
Potassium	39-2	97979.90	96664.91	97256.22	97300.34	0.68	ppb
Rhodium	103-1				81		%
Rhodium	103-2				83		%
Scandium	45-1				82		%
Scandium	45-2				86		%
Selenium	82-1	18.55	19.82	20.00	19.46	4.08	ppb
Selenium	77-2	18.95	18.78	20.81	19.51	5.77	ppb
Selenium	78-2	16.56	21.23	18.66	18.82	12.44	ppb
Silicon	28-1	6.31	6.22	5.94	6.16	3.16	ppb
Silver	107-1	19.19	19.22	19.01	19.14	0.61	ppb
Silver	109-1	19.22	19.26	19.06	19.18	0.56	ppb
Sodium	23-2	100462.03	99065.58	99341.95	99623.19	0.74	ppb
Strontium	86-1	85.95	86.38	86.73	86.36	0.45	ppb
Strontium	88-1	84.51	85.22	87.17	85.63	1.60	ppb
Sulfur	34-1	105378.04	105744.22	104159.13	105093.80	0.79	ppb
Terbium	159-1				94		%
Terbium	159-2				92		%
Thallium	203-1	23.00	22.88	23.26	23.04	0.84	ppb
Thallium	205-1	22.66	22.75	23.38	22.93	1.72	ppb
Tin	118-1	53.04	53.00	52.40	52.81	0.68	ppb
Titanium	47-1	2083.79	2109.99	2063.08	2085.62	1.13	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	ICSAB16	Instrumnet Name :	P7
Client Sample ID :	ICSAB16	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:11:39	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	49.77	49.71	51.67	50.38	2.21	ppb
Vanadium	51-2	19.86	19.38	19.72	19.65	1.26	ppb
Yttrium	89-1				87		%
Yttrium	89-2				87		%
Zinc	66-2	32.70	31.52	32.30	32.17	1.86	ppb
Zirconium	90-1	52.22	53.14	53.10	52.82	0.98	ppb
Zirconium	91-1	52.05	53.09	52.50	52.55	0.99	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P7
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:14:42	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51653.82	51868.02	51237.21	51586.35	0.62	ppb
Antimony	121-1	491.64	493.91	495.16	493.57	0.36	ppb
Arsenic	75-2	483.79	477.81	484.46	482.02	0.76	ppb
Barium	135-1	2465.03	2516.85	2475.44	2485.77	1.10	ppb
Barium	137-1	2464.58	2506.90	2480.15	2483.88	0.86	ppb
Beryllium	9-1	523.87	521.90	515.72	520.50	0.82	ppb
Bismuth	209-1				91		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	479.02	493.08	482.98	485.03	1.49	ppb
Cadmium	106-1	484.93	488.91	490.76	488.20	0.61	ppb
Cadmium	111-1	484.06	487.10	484.41	485.19	0.34	ppb
Calcium	43-1	259715.83	261475.84	261150.82	260780.83	0.36	ppb
Calcium	44-1	257930.52	260572.25	259948.49	259483.75	0.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	490.82	499.49	494.12	494.81	0.88	ppb
Cobalt	59-2	492.43	494.46	481.80	489.56	1.39	ppb
Copper	63-2	4766.93	4792.09	4712.61	4757.21	0.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				93		%
Indium	115-1				86		%
Indium	115-2				84		%
Iron	56-2	131053.22	131189.50	129797.21	130679.97	0.59	ppb
Iron	57-2	130509.92	131144.72	128572.58	130075.74	1.03	ppb
Iron	54-2	131595.35	131156.57	129693.58	130815.16	0.76	ppb
Krypton	83-1						cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P7
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:14:42	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2492.66	2532.59	2501.22	2508.82	0.84	ppb
Lead	207-1	2507.86	2553.48	2507.17	2522.84	1.05	ppb
Lead	208-1	2512.66	2545.37	2517.12	2525.05	0.70	ppb
Lithium	6-1				89		%
Magnesium	24-2	258081.18	257733.95	254961.26	256925.47	0.67	ppb
Manganese	55-2	4886.91	4879.19	4828.31	4864.80	0.65	ppb
Molybdenum	94-1	4985.86	5074.03	4981.53	5013.80	1.04	ppb
Molybdenum	95-1	4979.31	5094.20	4971.75	5015.09	1.37	ppb
Molybdenum	96-1	4998.36	5102.79	4974.51	5025.22	1.36	ppb
Molybdenum	97-1	4923.21	5064.11	4923.38	4970.23	1.64	ppb
Molybdenum	98-1	4954.76	5118.05	4934.60	5002.47	2.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	481.13	483.28	474.26	479.56	0.98	ppb
Phosphorus	31-2	9909.84	9867.84	9859.84	9879.18	0.27	ppb
Potassium	39-2	123578.21	124994.51	122882.60	123818.44	0.87	ppb
Rhodium	103-1				79		%
Rhodium	103-2				81		%
Scandium	45-1				83		%
Scandium	45-2				85		%
Selenium	82-1	477.66	490.26	479.28	482.40	1.42	ppb
Selenium	77-2	510.91	467.27	484.55	487.57	4.51	ppb
Selenium	78-2	490.99	468.39	475.86	478.41	2.41	ppb
Silicon	28-1	574.78	578.23	585.20	579.40	0.92	ppb
Silver	107-1	473.31	473.96	477.33	474.87	0.46	ppb
Silver	109-1	467.26	486.69	478.77	477.57	2.05	ppb
Sodium	23-2	252705.51	249998.90	252756.69	251820.36	0.63	ppb
Strontium	86-1	12428.44	12703.43	12227.84	12453.24	1.92	ppb
Strontium	88-1	12279.97	12668.79	12273.25	12407.34	1.83	ppb
Sulfur	34-1	9355.30	9192.38	9239.00	9262.23	0.91	ppb
Terbium	159-1				94		%
Terbium	159-2				92		%
Thallium	203-1	509.63	513.52	509.97	511.04	0.42	ppb
Thallium	205-1	503.09	506.56	497.83	502.49	0.87	ppb
Tin	118-1	501.05	502.19	499.99	501.07	0.22	ppb
Titanium	47-1	4917.83	4958.24	5014.92	4963.66	0.98	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P7
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:14:42	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	515.43	523.15	517.54	518.71	0.77	ppb
Vanadium	51-2	512.68	505.50	502.38	506.85	1.04	ppb
Yttrium	89-1				87		%
Yttrium	89-2				86		%
Zinc	66-2	4701.53	4788.80	4702.52	4730.95	1.06	ppb
Zirconium	90-1	497.61	501.62	499.15	499.46	0.40	ppb
Zirconium	91-1	498.91	511.40	504.79	505.04	1.24	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P7
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:23:01	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.18	0.19	-0.09	0.10	164.70	ppb
Antimony	121-1	0.08	0.08	0.10	0.09	11.36	ppb
Arsenic	75-2	-0.01	0.01	0.00	0.00	5146.03	ppb
Barium	135-1	0.01	0.00	0.00	0.00	239.38	ppb
Barium	137-1	0.01	0.00	0.00	0.00	1459.05	ppb
Beryllium	9-1	0.02	0.03	0.01	0.02	34.40	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.07	-0.03	0.05	-0.02		ppb
Cadmium	106-1	-2.65	-2.26	-2.47	-2.46		ppb
Cadmium	111-1	-0.05	-0.04	-0.05	-0.04		ppb
Calcium	43-1	-10.46	-9.33	-5.97	-8.59		ppb
Calcium	44-1	0.68	-1.33	-0.40	-0.35		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.01	0.07	0.04	80.64	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	657.78	ppb
Copper	63-2	-0.06	-0.07	-0.07	-0.06		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				101		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	56-2	0.23	0.44	0.51	0.39	36.46	ppb
Iron	57-2	-2.98	-2.42	-2.53	-2.64		ppb
Iron	54-2	0.10	-0.03	0.03	0.03	196.02	ppb
Krypton	83-1						cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P7
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:23:01	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.03	0.02	0.01	0.02	36.11	ppb
Lead	207-1	0.04	0.04	0.02	0.03	37.55	ppb
Lead	208-1	0.05	0.04	0.02	0.04	39.50	ppb
Lithium	6-1				96		%
Magnesium	24-2	0.47	0.68	0.71	0.62	21.31	ppb
Manganese	55-2	0.01	0.02	0.01	0.01	21.67	ppb
Molybdenum	94-1	0.06	0.04	0.06	0.05	24.57	ppb
Molybdenum	95-1	0.07	0.07	0.05	0.06	11.46	ppb
Molybdenum	96-1	0.06	0.05	0.04	0.05	22.60	ppb
Molybdenum	97-1	0.06	0.05	0.05	0.05	11.81	ppb
Molybdenum	98-1	0.05	0.04	0.03	0.04	22.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.03	-0.03	-0.03		ppb
Phosphorus	31-2	-17.06	-8.62	-19.72	-15.13		ppb
Potassium	39-2	6.72	-1.32	9.69	5.03	113.17	ppb
Rhodium	103-1				94		%
Rhodium	103-2				98		%
Scandium	45-1				90		%
Scandium	45-2				95		%
Selenium	82-1	-0.03	0.12	-0.17	-0.03		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.32	-0.52	-0.06	-0.30		ppb
Silicon	28-1	-0.51	-0.75	-1.01	-0.76		ppb
Silver	107-1	0.01	0.02	0.01	0.01	19.43	ppb
Silver	109-1	0.02	0.02	0.01	0.02	15.03	ppb
Sodium	23-2	31.05	29.74	31.33	30.71	2.77	ppb
Strontium	86-1	0.04	-0.01	0.01	0.01	217.71	ppb
Strontium	88-1	0.04	0.02	0.02	0.03	47.51	ppb
Sulfur	34-1	-1498.51	-1669.25	-1769.42	-1645.73		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.04	0.04	0.03	0.04	8.47	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	14.17	ppb
Tin	118-1	0.02	0.01	0.00	0.01	61.82	ppb
Titanium	47-1	0.03	0.04	0.02	0.03	38.47	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P7
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:23:01	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				95		%
Yttrium	89-2				96		%
Zinc	66-2	-0.03	0.02	0.05	0.02	271.43	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	21.52	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	27.86	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:26:16	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.73	21.07	23.31	22.70	6.30	ppb
Antimony	121-1	2.04	1.97	2.10	2.04	3.20	ppb
Arsenic	75-2	0.98	0.98	1.08	1.01	6.08	ppb
Barium	135-1	9.90	9.70	10.55	10.05	4.43	ppb
Barium	137-1	9.92	9.85	9.99	9.92	0.71	ppb
Beryllium	9-1	1.00	1.15	1.20	1.12	9.42	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.07	0.96	1.23	1.09	12.51	ppb
Cadmium	106-1	0.67	1.21	-0.46	0.48	178.91	ppb
Cadmium	111-1	1.08	1.04	1.03	1.05	2.66	ppb
Calcium	43-1	531.20	529.30	532.66	531.05	0.32	ppb
Calcium	44-1	553.04	550.34	547.66	550.35	0.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.07	2.15	2.11	2.11	1.88	ppb
Cobalt	59-2	1.15	1.07	1.15	1.12	3.90	ppb
Copper	63-2	1.93	2.01	2.18	2.04	6.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	59.34	58.22	60.03	59.20	1.54	ppb
Iron	57-2	57.97	59.75	60.08	59.27	1.92	ppb
Iron	54-2	61.97	58.64	61.03	60.55	2.83	ppb
Krypton	83-1						cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:26:16	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.86	0.94	0.86	0.89	4.90	ppb
Lead	207-1	0.90	0.93	0.94	0.92	2.42	ppb
Lead	208-1	0.90	0.91	0.92	0.91	1.24	ppb
Lithium	6-1				97		%
Magnesium	24-2	531.39	529.56	547.11	536.02	1.80	ppb
Manganese	55-2	1.08	1.07	1.05	1.07	1.70	ppb
Molybdenum	94-1	5.72	5.81	5.81	5.78	0.89	ppb
Molybdenum	95-1	4.88	4.90	5.00	4.93	1.36	ppb
Molybdenum	96-1	4.92	4.97	5.04	4.98	1.22	ppb
Molybdenum	97-1	4.89	4.92	4.88	4.90	0.40	ppb
Molybdenum	98-1	4.87	4.97	4.82	4.89	1.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.13	0.97	1.08	1.06	7.67	ppb
Phosphorus	31-2	9.26	18.43	15.60	14.43	32.56	ppb
Potassium	39-2	552.25	552.74	566.88	557.29	1.49	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				92		%
Scandium	45-2				93		%
Selenium	82-1	4.81	4.68	5.48	4.99	8.61	ppb
Selenium	77-2	4.68	6.67	5.43	5.59	18.01	ppb
Selenium	78-2	3.53	4.69	4.77	4.33	15.96	ppb
Silicon	28-1	-0.14	-0.19	-0.35	-0.23		ppb
Silver	107-1	1.03	1.04	1.11	1.06	3.87	ppb
Silver	109-1	1.06	1.08	1.04	1.06	2.04	ppb
Sodium	23-2	568.60	560.76	572.56	567.31	1.06	ppb
Strontium	86-1	1.10	0.94	0.94	0.99	9.02	ppb
Strontium	88-1	1.02	0.99	1.00	1.00	1.83	ppb
Sulfur	34-1	-1398.86	-1319.65	-1328.85	-1349.12		ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	0.90	0.91	0.94	0.92	1.93	ppb
Thallium	205-1	0.96	0.91	0.91	0.93	3.27	ppb
Tin	118-1	5.16	5.11	5.16	5.14	0.54	ppb
Titanium	47-1	5.36	5.19	5.00	5.19	3.48	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:26:16	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.85	0.84	0.87	0.85	2.00	ppb
Vanadium	51-2	5.20	5.11	5.18	5.16	0.94	ppb
Yttrium	89-1				96		%
Yttrium	89-2				95		%
Zinc	66-2	5.76	5.76	5.84	5.79	0.80	ppb
Zirconium	90-1	0.96	0.97	1.02	0.98	3.31	ppb
Zirconium	91-1	0.94	1.03	0.92	0.96	5.91	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4699-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT4-	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:29:33	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.16	8.77	22.28	13.40	57.39	ppb
Antimony	121-1	0.41	0.42	0.43	0.42	2.16	ppb
Arsenic	75-2	0.36	0.35	0.42	0.38	10.41	ppb
Barium	135-1	2.09	2.02	2.06	2.06	1.50	ppb
Barium	137-1	2.06	1.97	2.05	2.02	2.46	ppb
Beryllium	9-1	0.43	0.49	0.45	0.46	5.88	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.40	0.33	0.31	0.35	13.56	ppb
Cadmium	106-1	1.86	0.70	-0.38	0.73	154.26	ppb
Cadmium	111-1	0.45	0.44	0.47	0.46	3.32	ppb
Calcium	43-1	201.98	212.52	206.46	206.99	2.55	ppb
Calcium	44-1	211.21	211.06	211.19	211.15	0.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.43	0.41	0.48	0.44	7.87	ppb
Cobalt	59-2	0.43	0.42	0.44	0.43	1.79	ppb
Copper	63-2	0.73	0.69	0.82	0.75	9.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	35.65	36.06	44.70	38.80	13.17	ppb
Iron	57-2	32.45	34.17	46.33	37.65	20.09	ppb
Iron	54-2	35.43	35.44	46.98	39.28	16.97	ppb
Krypton	83-1						cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4699-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT4-	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:29:33	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.36	0.38	0.37	0.37	2.38	ppb
Lead	207-1	0.37	0.38	0.41	0.39	5.35	ppb
Lead	208-1	0.37	0.39	0.38	0.38	1.91	ppb
Lithium	6-1				96		%
Magnesium	24-2	202.75	203.44	225.77	210.65	6.22	ppb
Manganese	55-2	0.87	0.86	1.13	0.95	16.07	ppb
Molybdenum	94-1	0.99	0.95	1.07	1.00	6.20	ppb
Molybdenum	95-1	0.41	0.41	0.60	0.47	22.27	ppb
Molybdenum	96-1	0.49	0.47	0.56	0.51	8.83	ppb
Molybdenum	97-1	0.35	0.43	0.46	0.41	12.99	ppb
Molybdenum	98-1	0.40	0.40	0.50	0.43	13.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.35	0.39	0.40	0.38	6.22	ppb
Phosphorus	31-2	-7.57	-12.70	-13.81	-11.36		ppb
Potassium	39-2	135.55	135.69	141.24	137.49	2.36	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				93		%
Scandium	45-2				95		%
Selenium	82-1	2.53	2.37	2.68	2.53	6.13	ppb
Selenium	77-2	3.79	3.82	1.44	3.01	45.23	ppb
Selenium	78-2	2.29	1.55	2.99	2.28	31.80	ppb
Silicon	28-1	-0.53	-0.49	-0.77	-0.60		ppb
Silver	107-1	0.48	0.46	0.45	0.46	2.91	ppb
Silver	109-1	0.46	0.47	0.47	0.47	2.10	ppb
Sodium	23-2	228.19	227.53	258.95	238.22	7.53	ppb
Strontium	86-1	0.42	0.39	0.39	0.40	4.34	ppb
Strontium	88-1	0.39	0.39	0.42	0.40	4.83	ppb
Sulfur	34-1	-1266.52	-1209.19	-1318.72	-1264.81		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.39	0.41	0.38	0.39	3.88	ppb
Thallium	205-1	0.37	0.40	0.39	0.39	3.59	ppb
Tin	118-1	0.46	0.40	0.45	0.44	6.55	ppb
Titanium	47-1	0.46	0.43	0.35	0.41	14.27	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4699-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT4-	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:29:33	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.34	0.35	0.35	0.34	1.04	ppb
Vanadium	51-2	0.43	0.46	0.43	0.44	3.73	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	0.70	0.92	0.83	0.82	13.89	ppb
Zirconium	90-1	0.39	0.39	0.37	0.38	3.59	ppb
Zirconium	91-1	0.37	0.37	0.41	0.38	6.01	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4699-02	Instrumnet Name :	P7
Client Sample ID :	LOQ-SOIL-02-QT4-2023	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:33:12	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.85	20.48	20.64	20.33	2.05	ppb
Antimony	121-1	2.33	2.04	2.01	2.13	8.45	ppb
Arsenic	75-2	1.01	1.06	1.34	1.13	15.70	ppb
Barium	135-1	11.50	9.72	9.69	10.30	10.05	ppb
Barium	137-1	11.46	9.91	9.82	10.40	8.89	ppb
Beryllium	9-1	1.19	1.06	1.04	1.10	7.14	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.28	1.00	1.10	1.12	12.82	ppb
Cadmium	106-1	1.00	1.42	0.32	0.91	60.71	ppb
Cadmium	111-1	1.40	1.17	1.07	1.21	14.03	ppb
Calcium	43-1	610.12	513.33	526.85	550.10	9.53	ppb
Calcium	44-1	614.24	525.74	531.48	557.16	8.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.09	2.08	2.09	2.09	0.28	ppb
Cobalt	59-2	1.09	1.06	1.04	1.06	2.62	ppb
Copper	63-2	1.87	1.91	1.91	1.90	1.16	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				101		%
Indium	115-1				96		%
Indium	115-2				99		%
Iron	56-2	56.61	56.81	55.72	56.38	1.02	ppb
Iron	57-2	56.16	53.98	56.55	55.56	2.49	ppb
Iron	54-2	59.61	57.59	55.90	57.70	3.22	ppb
Krypton	83-1						cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4699-02	Instrumnet Name :	P7
Client Sample ID :	LOQ-SOIL-02-QT4-2023	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:33:12	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.00	0.88	0.87	0.92	7.86	ppb
Lead	207-1	1.00	0.89	0.89	0.93	6.51	ppb
Lead	208-1	1.02	0.89	0.88	0.93	8.09	ppb
Lithium	6-1				93		%
Magnesium	24-2	509.74	516.81	509.35	511.97	0.82	ppb
Manganese	55-2	1.05	1.00	1.04	1.03	2.31	ppb
Molybdenum	94-1	6.38	5.71	5.69	5.92	6.62	ppb
Molybdenum	95-1	5.44	4.76	4.79	5.00	7.69	ppb
Molybdenum	96-1	5.55	4.91	4.90	5.12	7.34	ppb
Molybdenum	97-1	5.43	4.73	4.85	5.00	7.52	ppb
Molybdenum	98-1	5.34	4.81	4.77	4.97	6.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	0.96	0.98	0.99	3.48	ppb
Phosphorus	31-2	16.49	11.28	13.08	13.62	19.45	ppb
Potassium	39-2	525.44	524.74	527.24	525.80	0.24	ppb
Rhodium	103-1				94		%
Rhodium	103-2				99		%
Scandium	45-1				91		%
Scandium	45-2				96		%
Selenium	82-1	5.29	5.03	4.99	5.11	3.16	ppb
Selenium	77-2	7.13	4.04	4.07	5.08	34.93	ppb
Selenium	78-2	4.46	4.82	3.84	4.38	11.33	ppb
Silicon	28-1	1.15	-0.44	-0.21	0.17	519.79	ppb
Silver	107-1	1.21	1.03	1.11	1.12	8.02	ppb
Silver	109-1	1.20	1.08	1.08	1.12	6.18	ppb
Sodium	23-2	532.74	532.25	532.04	532.34	0.07	ppb
Strontium	86-1	1.10	0.96	1.03	1.03	6.62	ppb
Strontium	88-1	1.11	0.98	0.98	1.02	7.44	ppb
Sulfur	34-1	6.26	-1219.97	-1015.88	-743.20		ppb
Terbium	159-1				97		%
Terbium	159-2				100		%
Thallium	203-1	1.02	0.92	0.89	0.95	7.38	ppb
Thallium	205-1	1.01	0.90	0.91	0.94	6.36	ppb
Tin	118-1	6.18	5.03	5.06	5.43	12.09	ppb
Titanium	47-1	5.73	5.01	4.89	5.21	8.73	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4699-02	Instrumnet Name :	P7
Client Sample ID :	LOQ-SOIL-02-QT4-2023	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:33:12	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.93	0.83	0.84	0.87	6.43	ppb
Vanadium	51-2	4.97	5.00	5.01	4.99	0.46	ppb
Yttrium	89-1				94		%
Yttrium	89-2				97		%
Zinc	66-2	5.85	5.49	5.52	5.62	3.52	ppb
Zirconium	90-1	1.08	0.94	0.96	0.99	7.71	ppb
Zirconium	91-1	1.09	0.94	0.97	1.00	8.00	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4699-16	Instrumnet Name :	P7
Client Sample ID :	LLOQ-SOIL-QT4-2023	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:36:30	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.21	19.64	19.78	20.21	4.30	ppb
Antimony	121-1	1.96	1.99	1.97	1.97	0.71	ppb
Arsenic	75-2	0.91	1.13	0.92	0.99	12.41	ppb
Barium	135-1	9.68	9.86	9.61	9.72	1.35	ppb
Barium	137-1	9.62	9.92	9.60	9.72	1.85	ppb
Beryllium	9-1	1.08	1.14	1.09	1.11	3.02	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.72	0.83	1.06	0.87	19.92	ppb
Cadmium	106-1	0.48	0.93	2.48	1.30	80.87	ppb
Cadmium	111-1	1.02	1.05	1.12	1.06	4.88	ppb
Calcium	43-1	494.81	505.93	506.54	502.43	1.31	ppb
Calcium	44-1	521.73	520.36	518.83	520.31	0.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.07	2.03	2.10	2.07	1.75	ppb
Cobalt	59-2	1.06	1.05	1.05	1.05	0.39	ppb
Copper	63-2	1.81	1.62	1.76	1.73	5.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	55.39	53.45	55.07	54.63	1.91	ppb
Iron	57-2	57.46	59.99	60.23	59.23	2.60	ppb
Iron	54-2	57.33	54.28	57.82	56.47	3.40	ppb
Krypton	83-1						cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4699-16	Instrumnet Name :	P7
Client Sample ID :	LLOQ-SOIL-QT4-2023	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:36:30	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.84	0.87	0.85	0.85	1.56	ppb
Lead	207-1	0.84	0.87	0.87	0.86	2.17	ppb
Lead	208-1	0.86	0.87	0.87	0.87	0.48	ppb
Lithium	6-1				98		%
Magnesium	24-2	508.71	495.48	499.34	501.18	1.36	ppb
Manganese	55-2	0.95	0.98	0.94	0.95	2.14	ppb
Molybdenum	94-1	5.42	5.53	5.55	5.50	1.26	ppb
Molybdenum	95-1	4.61	4.62	4.59	4.61	0.35	ppb
Molybdenum	96-1	4.70	4.80	4.74	4.74	1.07	ppb
Molybdenum	97-1	4.63	4.71	4.64	4.66	0.90	ppb
Molybdenum	98-1	4.53	4.62	4.57	4.57	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	0.97	1.00	0.98	1.89	ppb
Phosphorus	31-2	20.28	18.61	10.54	16.47	31.63	ppb
Potassium	39-2	523.09	509.21	515.94	516.08	1.35	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	82-1	4.51	5.22	4.97	4.90	7.34	ppb
Selenium	77-2	2.88	5.08	4.97	4.31	28.72	ppb
Selenium	78-2	3.35	5.38	3.45	4.06	28.22	ppb
Silicon	28-1	0.03	0.16	-0.04	0.05	192.55	ppb
Silver	107-1	1.04	1.02	1.03	1.03	1.02	ppb
Silver	109-1	1.05	1.09	1.07	1.07	1.93	ppb
Sodium	23-2	522.89	507.60	523.46	517.98	1.74	ppb
Strontium	86-1	0.88	0.90	0.93	0.90	2.76	ppb
Strontium	88-1	0.94	0.96	0.95	0.95	0.80	ppb
Sulfur	34-1	-1052.12	-1061.45	-1011.23	-1041.60		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.91	0.88	0.91	0.90	1.79	ppb
Thallium	205-1	0.88	0.90	0.89	0.89	1.09	ppb
Tin	118-1	4.92	5.13	4.98	5.01	2.16	ppb
Titanium	47-1	4.72	4.86	4.96	4.84	2.49	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4699-16	Instrumnet Name :	P7
Client Sample ID :	LLOQ-SOIL-QT4-2023	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:36:30	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.80	0.82	0.80	0.81	1.31	ppb
Vanadium	51-2	4.94	4.87	4.86	4.89	0.84	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	4.96	4.92	5.26	5.05	3.71	ppb
Zirconium	90-1	0.93	0.96	0.92	0.93	2.27	ppb
Zirconium	91-1	0.92	0.91	0.92	0.92	0.56	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4699-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:39:45	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.71	8.85	8.17	8.58	4.21	ppb
Antimony	121-1	0.42	0.44	0.43	0.43	2.25	ppb
Arsenic	75-2	0.42	0.39	0.33	0.38	12.07	ppb
Barium	135-1	2.00	1.97	1.99	1.99	0.81	ppb
Barium	137-1	1.97	2.08	2.04	2.03	2.74	ppb
Beryllium	9-1	0.40	0.42	0.44	0.42	4.73	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.60	0.24	0.51	0.45	41.03	ppb
Cadmium	106-1	0.40	0.48	0.97	0.62	50.22	ppb
Cadmium	111-1	0.42	0.47	0.51	0.47	10.53	ppb
Calcium	43-1	196.56	191.68	204.60	197.61	3.30	ppb
Calcium	44-1	202.51	202.60	204.84	203.32	0.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.44	0.44	0.48	0.45	4.43	ppb
Cobalt	59-2	0.42	0.42	0.44	0.43	2.74	ppb
Copper	63-2	0.68	0.69	0.66	0.67	2.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	34.93	34.67	35.07	34.89	0.57	ppb
Iron	57-2	32.51	34.30	36.29	34.37	5.51	ppb
Iron	54-2	35.64	35.32	34.23	35.06	2.11	ppb
Krypton	83-1						cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4699-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:39:45	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.35	0.36	0.34	0.35	2.90	ppb
Lead	207-1	0.39	0.39	0.35	0.37	5.66	ppb
Lead	208-1	0.36	0.37	0.37	0.37	0.62	ppb
Lithium	6-1				98		%
Magnesium	24-2	202.06	200.52	204.22	202.27	0.92	ppb
Manganese	55-2	0.86	0.88	0.89	0.88	1.52	ppb
Molybdenum	94-1	0.97	0.99	0.95	0.97	2.03	ppb
Molybdenum	95-1	0.38	0.42	0.37	0.39	6.17	ppb
Molybdenum	96-1	0.45	0.45	0.47	0.46	2.04	ppb
Molybdenum	97-1	0.39	0.38	0.39	0.39	2.20	ppb
Molybdenum	98-1	0.41	0.41	0.37	0.40	5.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.47	0.39	0.31	0.39	20.16	ppb
Phosphorus	31-2	-5.35	-12.51	-12.06	-9.97		ppb
Potassium	39-2	132.67	134.58	136.67	134.64	1.49	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	82-1	2.82	2.48	2.35	2.55	9.46	ppb
Selenium	77-2	2.51	3.17	2.93	2.87	11.62	ppb
Selenium	78-2	0.94	2.39	3.83	2.39	60.40	ppb
Silicon	28-1	-0.65	-0.56	-0.58	-0.59		ppb
Silver	107-1	0.43	0.46	0.47	0.45	3.98	ppb
Silver	109-1	0.46	0.47	0.46	0.46	0.85	ppb
Sodium	23-2	218.58	220.98	216.49	218.68	1.03	ppb
Strontium	86-1	0.38	0.37	0.37	0.37	1.99	ppb
Strontium	88-1	0.38	0.39	0.37	0.38	1.50	ppb
Sulfur	34-1	-1064.89	-1067.23	-1045.00	-1059.04		ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	0.37	0.37	0.36	0.37	1.66	ppb
Thallium	205-1	0.36	0.37	0.37	0.37	1.76	ppb
Tin	118-1	0.43	0.42	0.41	0.42	2.49	ppb
Titanium	47-1	0.47	0.44	0.45	0.45	3.99	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4699-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:39:45	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.35	0.36	0.35	0.35	1.08	ppb
Vanadium	51-2	0.42	0.43	0.42	0.42	1.18	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	0.91	1.10	0.82	0.94	15.55	ppb
Zirconium	90-1	0.38	0.38	0.38	0.38	0.36	ppb
Zirconium	91-1	0.38	0.37	0.36	0.37	2.62	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4699-08	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-02-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:43:03	DataFile Name :	026LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.25	19.64	19.57	19.49	1.05	ppb
Antimony	121-1	1.88	2.05	1.87	1.93	5.15	ppb
Arsenic	75-2	1.04	0.98	0.80	0.94	13.18	ppb
Barium	135-1	9.39	9.58	9.37	9.45	1.20	ppb
Barium	137-1	9.29	9.59	9.53	9.47	1.65	ppb
Beryllium	9-1	1.14	1.05	0.96	1.05	8.59	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.99	0.93	1.16	1.03	11.41	ppb
Cadmium	106-1	0.88	1.30	0.47	0.88	46.40	ppb
Cadmium	111-1	1.09	1.11	1.09	1.09	1.08	ppb
Calcium	43-1	499.67	488.69	509.80	499.39	2.11	ppb
Calcium	44-1	506.15	506.42	513.10	508.56	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.93	1.93	1.99	1.95	1.89	ppb
Cobalt	59-2	0.98	1.04	0.98	1.00	3.46	ppb
Copper	63-2	1.48	1.62	1.73	1.61	7.82	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				104		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	52.11	53.43	53.33	52.96	1.39	ppb
Iron	57-2	53.15	47.70	58.22	53.02	9.92	ppb
Iron	54-2	54.28	55.80	55.63	55.24	1.50	ppb
Krypton	83-1						cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4699-08	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-02-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:43:03	DataFile Name :	026LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.84	0.84	0.83	0.84	1.22	ppb
Lead	207-1	0.87	0.86	0.79	0.84	4.96	ppb
Lead	208-1	0.84	0.84	0.83	0.84	0.83	ppb
Lithium	6-1				99		%
Magnesium	24-2	470.29	493.26	494.49	486.01	2.80	ppb
Manganese	55-2	0.95	0.92	1.03	0.96	5.77	ppb
Molybdenum	94-1	5.21	5.43	5.48	5.38	2.70	ppb
Molybdenum	95-1	4.49	4.62	4.63	4.58	1.74	ppb
Molybdenum	96-1	4.62	4.68	4.59	4.63	0.92	ppb
Molybdenum	97-1	4.48	4.62	4.69	4.59	2.26	ppb
Molybdenum	98-1	4.45	4.57	4.57	4.53	1.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.93	0.99	0.90	0.94	5.12	ppb
Phosphorus	31-2	4.17	6.81	16.41	9.13	70.56	ppb
Potassium	39-2	478.18	505.25	511.89	498.44	3.58	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	4.57	4.86	5.20	4.88	6.55	ppb
Selenium	77-2	5.76	5.03	5.12	5.30	7.55	ppb
Selenium	78-2	4.47	5.12	4.70	4.76	6.94	ppb
Silicon	28-1	-0.32	-0.48	-0.34	-0.38		ppb
Silver	107-1	1.02	1.03	1.01	1.02	0.79	ppb
Silver	109-1	1.00	1.07	1.02	1.03	3.61	ppb
Sodium	23-2	486.88	503.32	507.04	499.08	2.15	ppb
Strontium	86-1	0.96	0.91	0.89	0.92	4.20	ppb
Strontium	88-1	0.91	0.93	0.92	0.92	1.20	ppb
Sulfur	34-1	-916.79	-977.24	-940.41	-944.81		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.83	0.88	0.86	0.85	2.93	ppb
Thallium	205-1	0.87	0.86	0.82	0.85	2.89	ppb
Tin	118-1	4.79	5.08	4.90	4.92	2.96	ppb
Titanium	47-1	4.74	4.91	4.88	4.84	1.90	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4699-08	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-02-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:43:03	DataFile Name :	026LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.80	0.79	0.79	0.80	0.93	ppb
Vanadium	51-2	4.56	4.79	4.82	4.72	3.06	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	4.71	5.13	5.00	4.95	4.34	ppb
Zirconium	90-1	0.91	0.92	0.91	0.91	0.62	ppb
Zirconium	91-1	0.88	0.94	0.99	0.93	5.89	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4699-17	Instrumnet Name :	P7
Client Sample ID :	LLOQ-WATER-QT4-2023	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:46:19	DataFile Name :	027LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.86	18.53	20.41	19.60	4.94	ppb
Antimony	121-1	1.97	1.93	1.96	1.95	1.16	ppb
Arsenic	75-2	0.86	1.02	1.19	1.03	15.96	ppb
Barium	135-1	9.70	9.39	9.44	9.51	1.74	ppb
Barium	137-1	9.51	9.49	9.51	9.51	0.13	ppb
Beryllium	9-1	1.11	1.14	1.10	1.12	1.92	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.04	1.13	1.18	1.11	6.22	ppb
Cadmium	106-1	0.94	2.03	2.35	1.77	41.83	ppb
Cadmium	111-1	1.05	1.08	1.05	1.06	1.52	ppb
Calcium	43-1	510.90	488.16	496.30	498.45	2.31	ppb
Calcium	44-1	514.42	513.08	511.69	513.06	0.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.80	1.98	2.04	1.94	6.34	ppb
Cobalt	59-2	0.99	1.02	1.06	1.02	3.47	ppb
Copper	63-2	1.58	1.77	1.92	1.75	9.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	51.40	52.21	55.60	53.07	4.21	ppb
Iron	57-2	54.80	53.11	52.65	53.52	2.12	ppb
Iron	54-2	52.75	53.84	56.17	54.25	3.23	ppb
Krypton	83-1						cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4699-17	Instrumnet Name :	P7
Client Sample ID :	LLOQ-WATER-QT4-2023	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:46:19	DataFile Name :	027LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.84	0.83	0.83	0.83	0.61	ppb
Lead	207-1	0.85	0.85	0.82	0.84	1.89	ppb
Lead	208-1	0.85	0.86	0.82	0.85	2.22	ppb
Lithium	6-1				99		%
Magnesium	24-2	466.79	478.26	510.35	485.13	4.65	ppb
Manganese	55-2	1.01	0.99	0.97	0.99	1.58	ppb
Molybdenum	94-1	5.55	5.27	5.35	5.39	2.69	ppb
Molybdenum	95-1	4.67	4.61	4.67	4.65	0.82	ppb
Molybdenum	96-1	4.75	4.77	4.54	4.69	2.67	ppb
Molybdenum	97-1	4.71	4.46	4.51	4.56	2.97	ppb
Molybdenum	98-1	4.65	4.59	4.56	4.60	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.96	0.98	1.14	1.03	9.78	ppb
Phosphorus	31-2	3.61	3.64	13.25	6.83	81.33	ppb
Potassium	39-2	486.50	492.40	530.53	503.14	4.75	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	5.14	5.27	5.28	5.23	1.50	ppb
Selenium	77-2	6.91	2.99	3.98	4.63	44.15	ppb
Selenium	78-2	3.98	4.14	5.37	4.49	16.97	ppb
Silicon	28-1	0.02	0.06	0.04	0.04	44.01	ppb
Silver	107-1	1.02	1.05	1.02	1.03	1.55	ppb
Silver	109-1	1.05	1.06	1.04	1.05	0.84	ppb
Sodium	23-2	487.85	489.38	528.76	502.00	4.62	ppb
Strontium	86-1	0.95	0.96	0.89	0.93	4.23	ppb
Strontium	88-1	0.95	0.95	0.92	0.94	1.71	ppb
Sulfur	34-1	-654.28	-717.44	-869.80	-747.17		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.90	0.88	0.85	0.88	2.72	ppb
Thallium	205-1	0.85	0.85	0.86	0.85	0.50	ppb
Tin	118-1	5.03	4.83	4.87	4.91	2.18	ppb
Titanium	47-1	4.71	4.99	4.98	4.89	3.24	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4699-17	Instrumnet Name :	P7
Client Sample ID :	LLOQ-WATER-QT4-2023	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:46:19	DataFile Name :	027LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.81	0.82	0.80	0.81	1.22	ppb
Vanadium	51-2	4.62	4.68	4.89	4.73	3.04	ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	4.72	5.02	5.09	4.95	3.93	ppb
Zirconium	90-1	0.93	0.92	0.92	0.92	0.73	ppb
Zirconium	91-1	0.90	0.93	0.89	0.91	2.28	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4699-10	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:51:11	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.37	8.72	8.80	8.63	2.68	ppb
Antimony	121-1	0.43	0.43	0.44	0.44	1.60	ppb
Arsenic	75-2	0.41	0.37	0.36	0.38	7.63	ppb
Barium	135-1	1.98	2.02	2.03	2.01	1.14	ppb
Barium	137-1	2.02	1.99	1.98	2.00	0.85	ppb
Beryllium	9-1	0.41	0.51	0.43	0.45	11.33	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.47	0.31	0.44	0.41	20.57	ppb
Cadmium	106-1	0.59	0.01	-0.45	0.05	1049.93	ppb
Cadmium	111-1	0.48	0.47	0.42	0.46	7.49	ppb
Calcium	43-1	199.91	203.69	203.30	202.30	1.03	ppb
Calcium	44-1	209.41	207.96	205.02	207.46	1.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.45	0.49	0.47	0.47	4.44	ppb
Cobalt	59-2	0.41	0.46	0.41	0.42	6.87	ppb
Copper	63-2	0.73	0.66	0.72	0.70	5.77	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				101		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				100		%
Iron	56-2	34.66	34.28	34.58	34.51	0.58	ppb
Iron	57-2	35.31	35.12	36.01	35.48	1.32	ppb
Iron	54-2	33.20	32.23	36.10	33.84	5.94	ppb
Krypton	83-1						cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4699-10	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:51:11	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.35	0.36	0.36	0.36	2.10	ppb
Lead	207-1	0.40	0.37	0.38	0.38	3.78	ppb
Lead	208-1	0.37	0.37	0.37	0.37	1.07	ppb
Lithium	6-1				99		%
Magnesium	24-2	201.07	198.88	200.09	200.01	0.55	ppb
Manganese	55-2	0.85	0.78	0.91	0.85	7.61	ppb
Molybdenum	94-1	0.95	1.02	1.06	1.01	5.51	ppb
Molybdenum	95-1	0.41	0.36	0.38	0.38	7.19	ppb
Molybdenum	96-1	0.44	0.45	0.47	0.46	3.60	ppb
Molybdenum	97-1	0.40	0.40	0.42	0.40	2.80	ppb
Molybdenum	98-1	0.38	0.38	0.42	0.39	5.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.46	0.39	0.38	0.41	10.27	ppb
Phosphorus	31-2	-6.06	-11.81	-6.54	-8.14		ppb
Potassium	39-2	134.47	130.52	135.68	133.55	2.02	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	3.02	2.73	3.13	2.96	6.99	ppb
Selenium	77-2	3.46	3.91	1.72	3.03	38.15	ppb
Selenium	78-2	3.43	0.11	2.44	1.99	85.62	ppb
Silicon	28-1	0.39	0.10	0.08	0.19	90.89	ppb
Silver	107-1	0.48	0.47	0.47	0.47	0.75	ppb
Silver	109-1	0.48	0.46	0.41	0.45	7.79	ppb
Sodium	23-2	220.07	213.96	216.82	216.95	1.41	ppb
Strontium	86-1	0.44	0.39	0.42	0.42	5.60	ppb
Strontium	88-1	0.39	0.39	0.41	0.40	2.41	ppb
Sulfur	34-1	-399.39	-505.85	-557.23	-487.49		ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	0.36	0.37	0.36	0.37	2.06	ppb
Thallium	205-1	0.37	0.38	0.36	0.37	2.09	ppb
Tin	118-1	0.43	0.40	0.44	0.42	4.44	ppb
Titanium	47-1	0.44	0.39	0.46	0.43	8.04	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4699-10	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:51:11	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.33	0.35	0.35	0.35	3.26	ppb
Vanadium	51-2	0.43	0.37	0.41	0.40	7.85	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	1.08	0.82	1.05	0.98	14.32	ppb
Zirconium	90-1	0.38	0.37	0.37	0.37	0.84	ppb
Zirconium	91-1	0.37	0.36	0.42	0.38	7.47	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4699-11	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-05-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:54:28	DataFile Name :	029LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.93	19.25	20.63	20.27	4.43	ppb
Antimony	121-1	2.07	2.00	1.95	2.01	3.11	ppb
Arsenic	75-2	1.07	0.98	1.17	1.07	8.93	ppb
Barium	135-1	9.87	10.04	9.89	9.94	0.93	ppb
Barium	137-1	9.87	9.85	9.79	9.83	0.40	ppb
Beryllium	9-1	1.10	1.13	1.11	1.11	1.57	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.00	0.96	0.96	0.97	2.35	ppb
Cadmium	106-1	1.07	0.66	0.77	0.83	25.68	ppb
Cadmium	111-1	1.12	1.10	1.07	1.10	2.20	ppb
Calcium	43-1	520.41	523.14	521.24	521.60	0.27	ppb
Calcium	44-1	524.90	532.50	527.50	528.30	0.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.89	2.02	1.96	1.96	3.47	ppb
Cobalt	59-2	1.06	1.07	1.04	1.06	1.70	ppb
Copper	63-2	1.90	1.92	1.76	1.86	4.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	55.44	55.24	55.49	55.39	0.24	ppb
Iron	57-2	60.64	57.68	56.40	58.24	3.73	ppb
Iron	54-2	56.54	56.89	56.73	56.72	0.32	ppb
Krypton	83-1						cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4699-11	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-05-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:54:28	DataFile Name :	029LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.82	0.81	0.86	0.83	3.55	ppb
Lead	207-1	0.87	0.85	0.90	0.87	2.69	ppb
Lead	208-1	0.86	0.85	0.87	0.86	1.37	ppb
Lithium	6-1				100		%
Magnesium	24-2	514.32	498.97	505.59	506.30	1.52	ppb
Manganese	55-2	0.98	1.03	1.01	1.01	2.52	ppb
Molybdenum	94-1	5.51	5.56	5.65	5.57	1.27	ppb
Molybdenum	95-1	4.71	4.77	4.64	4.71	1.33	ppb
Molybdenum	96-1	4.73	4.83	4.84	4.80	1.23	ppb
Molybdenum	97-1	4.75	4.67	4.66	4.69	1.06	ppb
Molybdenum	98-1	4.62	4.70	4.73	4.68	1.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	0.96	0.98	1.01	6.39	ppb
Phosphorus	31-2	10.67	16.87	17.65	15.06	25.38	ppb
Potassium	39-2	538.96	530.47	532.81	534.08	0.82	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	4.86	5.12	5.01	4.99	2.60	ppb
Selenium	77-2	6.82	5.07	5.13	5.67	17.49	ppb
Selenium	78-2	4.85	4.77	4.71	4.78	1.44	ppb
Silicon	28-1	0.56	0.54	0.56	0.55	1.42	ppb
Silver	107-1	1.09	1.08	1.09	1.08	0.55	ppb
Silver	109-1	1.08	1.05	1.11	1.08	2.75	ppb
Sodium	23-2	522.84	523.28	522.49	522.87	0.07	ppb
Strontium	86-1	0.94	1.00	0.91	0.95	4.87	ppb
Strontium	88-1	0.94	0.95	0.95	0.95	0.81	ppb
Sulfur	34-1	-397.36	-435.90	-446.94	-426.74		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.87	0.90	0.89	0.89	2.12	ppb
Thallium	205-1	0.88	0.88	0.88	0.88	0.14	ppb
Tin	118-1	5.21	5.14	5.39	5.24	2.45	ppb
Titanium	47-1	5.28	5.08	4.82	5.06	4.57	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4699-11	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-05-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:54:28	DataFile Name :	029LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.82	0.82	0.84	0.83	1.78	ppb
Vanadium	51-2	4.82	4.93	5.05	4.93	2.35	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	5.21	5.51	5.29	5.34	3.00	ppb
Zirconium	90-1	0.95	0.97	0.93	0.95	1.79	ppb
Zirconium	91-1	1.00	0.96	0.93	0.96	3.73	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4696-01	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-QT4-2023-	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:57:47	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.07	8.62	9.00	8.90	2.74	ppb
Antimony	121-1	0.40	0.42	0.41	0.41	2.36	ppb
Arsenic	75-2	0.42	0.35	0.53	0.43	20.53	ppb
Barium	135-1	2.01	2.03	1.97	2.01	1.70	ppb
Barium	137-1	2.06	2.03	1.99	2.03	1.72	ppb
Beryllium	9-1	0.40	0.42	0.46	0.43	6.87	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.35	0.35	0.34	0.35	2.35	ppb
Cadmium	106-1	0.88	-0.28	0.80	0.47	138.63	ppb
Cadmium	111-1	0.45	0.46	0.48	0.46	3.34	ppb
Calcium	43-1	194.19	200.26	193.53	195.99	1.89	ppb
Calcium	44-1	202.24	206.43	205.82	204.83	1.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.43	0.39	0.44	0.42	5.76	ppb
Cobalt	59-2	0.41	0.44	0.44	0.43	3.83	ppb
Copper	63-2	0.76	0.86	0.75	0.79	7.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	34.77	35.47	34.98	35.07	1.02	ppb
Iron	57-2	37.90	38.48	38.11	38.16	0.77	ppb
Iron	54-2	35.31	36.90	35.61	35.94	2.35	ppb
Krypton	83-1						cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4696-01	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-QT4-2023-	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:57:47	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.34	0.38	0.33	0.35	7.41	ppb
Lead	207-1	0.35	0.35	0.38	0.36	4.73	ppb
Lead	208-1	0.35	0.37	0.35	0.36	2.63	ppb
Lithium	6-1				102		%
Magnesium	24-2	201.72	201.53	203.43	202.23	0.51	ppb
Manganese	55-2	0.85	0.79	0.86	0.83	4.30	ppb
Molybdenum	94-1	0.94	0.96	0.99	0.96	2.71	ppb
Molybdenum	95-1	0.37	0.40	0.40	0.39	3.30	ppb
Molybdenum	96-1	0.48	0.45	0.45	0.46	2.73	ppb
Molybdenum	97-1	0.40	0.36	0.41	0.39	7.54	ppb
Molybdenum	98-1	0.38	0.38	0.42	0.39	5.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.50	0.39	0.36	0.42	16.95	ppb
Phosphorus	31-2	-10.24	-5.15	-0.31	-5.23		ppb
Potassium	39-2	132.98	141.03	134.69	136.23	3.11	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	82-1	2.16	2.90	2.49	2.52	14.80	ppb
Selenium	77-2	1.71	2.85	2.31	2.29	24.95	ppb
Selenium	78-2	1.72	2.92	2.91	2.52	27.34	ppb
Silicon	28-1	-0.03	0.12	0.19	0.09	123.88	ppb
Silver	107-1	0.47	0.44	0.47	0.46	3.34	ppb
Silver	109-1	0.46	0.45	0.46	0.46	1.78	ppb
Sodium	23-2	215.07	217.07	215.64	215.93	0.48	ppb
Strontium	86-1	0.40	0.36	0.42	0.39	7.38	ppb
Strontium	88-1	0.37	0.38	0.38	0.38	0.64	ppb
Sulfur	34-1	-493.46	-504.95	-452.13	-483.51		ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	0.36	0.37	0.39	0.38	4.47	ppb
Thallium	205-1	0.36	0.36	0.36	0.36	0.59	ppb
Tin	118-1	0.41	0.40	0.41	0.41	0.81	ppb
Titanium	47-1	0.45	0.43	0.43	0.44	3.05	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4696-01	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-QT4-2023-	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:57:47	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.34	0.34	0.36	0.35	3.56	ppb
Vanadium	51-2	0.42	0.44	0.40	0.42	4.40	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	1.01	0.77	1.07	0.95	16.75	ppb
Zirconium	90-1	0.37	0.37	0.36	0.37	2.59	ppb
Zirconium	91-1	0.40	0.34	0.40	0.38	7.87	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P7
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:01:01	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51524.41	50567.15	50647.09	50912.88	1.04	ppb
Antimony	121-1	492.22	499.23	491.56	494.34	0.86	ppb
Arsenic	75-2	504.41	496.83	499.13	500.12	0.78	ppb
Barium	135-1	2476.47	2472.38	2444.27	2464.37	0.71	ppb
Barium	137-1	2471.39	2482.22	2440.39	2464.67	0.88	ppb
Beryllium	9-1	520.17	528.72	522.24	523.71	0.85	ppb
Bismuth	209-1				91		%
Bismuth	209-2				87		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	502.54	506.48	500.03	503.02	0.65	ppb
Cadmium	106-1	501.43	501.17	502.61	501.73	0.15	ppb
Cadmium	111-1	504.48	507.78	500.74	504.33	0.70	ppb
Calcium	43-1	258920.14	257304.32	255107.50	257110.65	0.74	ppb
Calcium	44-1	256161.04	254744.37	252099.17	254334.86	0.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	484.99	492.16	487.62	488.25	0.74	ppb
Cobalt	59-2	502.98	504.97	502.82	503.59	0.24	ppb
Copper	63-2	4881.91	4948.66	4888.87	4906.48	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				95		%
Holmium	165-2				93		%
Indium	115-1				86		%
Indium	115-2				83		%
Iron	56-2	126029.64	127396.36	126905.37	126777.12	0.55	ppb
Iron	57-2	129077.96	129460.96	127946.15	128828.36	0.61	ppb
Iron	54-2	127406.56	128412.85	127394.30	127737.90	0.46	ppb
Krypton	83-1						cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P7
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:01:01	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2508.34	2483.81	2486.58	2492.91	0.54	ppb
Lead	207-1	2506.16	2452.20	2502.66	2487.01	1.21	ppb
Lead	208-1	2493.75	2469.41	2501.86	2488.34	0.68	ppb
Lithium	6-1				91		%
Magnesium	24-2	254164.47	251427.63	248799.06	251463.72	1.07	ppb
Manganese	55-2	4764.65	4839.04	4800.02	4801.23	0.77	ppb
Molybdenum	94-1	4990.11	4930.16	5029.52	4983.26	1.00	ppb
Molybdenum	95-1	4986.09	4918.56	4973.22	4959.29	0.72	ppb
Molybdenum	96-1	5030.13	4937.55	5016.99	4994.89	1.00	ppb
Molybdenum	97-1	5015.85	4928.38	4957.80	4967.34	0.90	ppb
Molybdenum	98-1	4965.22	4897.03	4965.39	4942.55	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	491.30	494.33	490.48	492.04	0.41	ppb
Phosphorus	31-2	9704.00	9739.31	9891.70	9778.34	1.02	ppb
Potassium	39-2	121691.20	123380.54	122149.91	122407.22	0.71	ppb
Rhodium	103-1				80		%
Rhodium	103-2				80		%
Scandium	45-1				85		%
Scandium	45-2				85		%
Selenium	82-1	495.63	492.02	494.99	494.21	0.39	ppb
Selenium	77-2	494.53	509.17	504.98	502.89	1.50	ppb
Selenium	78-2	484.44	487.12	499.83	490.46	1.68	ppb
Silicon	28-1	585.81	585.99	573.10	581.63	1.27	ppb
Silver	107-1	497.40	497.72	487.92	494.35	1.13	ppb
Silver	109-1	504.08	499.58	497.63	500.43	0.66	ppb
Sodium	23-2	252132.96	249615.04	248315.32	250021.10	0.78	ppb
Strontium	86-1	12655.76	12158.95	12239.96	12351.56	2.16	ppb
Strontium	88-1	12397.73	12167.94	12343.84	12303.17	0.98	ppb
Sulfur	34-1	9873.40	9411.49	8928.82	9404.57	5.02	ppb
Terbium	159-1				94		%
Terbium	159-2				92		%
Thallium	203-1	505.79	500.62	499.26	501.89	0.69	ppb
Thallium	205-1	504.93	497.08	493.70	498.57	1.16	ppb
Tin	118-1	485.40	496.38	492.09	491.29	1.13	ppb
Titanium	47-1	5021.11	4933.95	4909.54	4954.87	1.18	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P7
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:01:01	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	509.18	511.24	506.68	509.03	0.45	ppb
Vanadium	51-2	494.73	499.75	495.15	496.54	0.56	ppb
Yttrium	89-1				88		%
Yttrium	89-2				86		%
Zinc	66-2	4931.51	4932.79	4906.64	4923.64	0.30	ppb
Zirconium	90-1	498.05	496.50	494.32	496.29	0.38	ppb
Zirconium	91-1	501.01	502.66	500.37	501.35	0.24	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P7
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:17:15	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.20	-0.04	0.12	0.10	127.65	ppb
Antimony	121-1	0.08	0.09	0.09	0.08	7.11	ppb
Arsenic	75-2	-0.01	-0.01	0.03	0.00	3856.25	ppb
Barium	135-1	0.00	0.00	0.00	0.00	2371.63	ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.00	0.02	0.04	0.02	101.26	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.03	-0.07	0.04	-0.02		ppb
Cadmium	106-1	-2.48	-2.69	-1.28	-2.15		ppb
Cadmium	111-1	-0.04	-0.05	-0.02	-0.04		ppb
Calcium	43-1	-8.88	-10.73	-5.90	-8.50		ppb
Calcium	44-1	-0.83	0.44	0.02	-0.13		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.02	0.04	0.01	418.92	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	319.44	ppb
Copper	63-2	-0.34	-0.33	-0.30	-0.32		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				97		%
Indium	115-2				97		%
Iron	56-2	0.51	0.66	0.85	0.67	25.31	ppb
Iron	57-2	-0.10	-1.37	-0.94	-0.80		ppb
Iron	54-2	0.39	0.31	0.30	0.34	14.83	ppb
Krypton	83-1						cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P7
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:17:15	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	-0.02	-0.01	-0.01	-0.01		ppb
Lead	207-1	0.01	0.01	0.02	0.02	38.10	ppb
Lead	208-1	0.00	0.01	0.01	0.01	42.41	ppb
Lithium	6-1				98		%
Magnesium	24-2	1.19	1.20	1.47	1.28	12.22	ppb
Manganese	55-2	0.01	0.04	0.03	0.03	43.21	ppb
Molybdenum	94-1	0.05	0.03	0.06	0.05	36.22	ppb
Molybdenum	95-1	0.04	0.04	0.03	0.03	5.80	ppb
Molybdenum	96-1	0.03	0.03	0.05	0.04	34.01	ppb
Molybdenum	97-1	0.03	0.03	0.03	0.03	13.88	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	8.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.03	-0.01	-0.02		ppb
Phosphorus	31-2	-17.00	-3.87	-10.39	-10.42		ppb
Potassium	39-2	9.43	10.23	8.42	9.36	9.72	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	82-1	-0.36	0.28	0.11	0.01	3565.25	ppb
Selenium	77-2	0.00	0.29	0.00	0.10	173.21	ppb
Selenium	78-2	0.09	-0.02	-0.22	-0.05		ppb
Silicon	28-1	-0.04	-0.06	0.00	-0.03		ppb
Silver	107-1	0.01	0.00	0.00	0.00	27.88	ppb
Silver	109-1	0.01	0.00	0.00	0.00	31.84	ppb
Sodium	23-2	21.86	22.75	22.59	22.40	2.13	ppb
Strontium	86-1	0.04	0.03	0.05	0.04	28.52	ppb
Strontium	88-1	0.03	0.03	0.03	0.03	7.55	ppb
Sulfur	34-1	-918.00	-884.79	-856.95	-886.58		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	-0.01	0.00	0.00	0.00		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.00	0.00	0.00	0.00		ppb
Titanium	47-1	0.02	0.04	0.03	0.03	24.87	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P7
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:17:15	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	32.85	ppb
Yttrium	89-1				96		%
Yttrium	89-2				96		%
Zinc	66-2	-0.06	0.10	0.10	0.05	193.02	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	9.95	ppb
Zirconium	91-1	0.01	0.04	0.01	0.02	85.89	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4696-03	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-QT4-2023-07	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:20:30	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.88	8.47	9.20	8.85	4.15	ppb
Antimony	121-1	0.42	0.42	0.44	0.43	3.05	ppb
Arsenic	75-2	0.41	0.66	0.46	0.51	25.85	ppb
Barium	135-1	2.07	2.01	1.97	2.02	2.59	ppb
Barium	137-1	2.03	2.07	2.06	2.05	1.11	ppb
Beryllium	9-1	0.47	0.47	0.41	0.45	7.41	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.34	0.38	0.44	0.39	12.80	ppb
Cadmium	106-1	-0.24	0.36	-0.28	-0.05		ppb
Cadmium	111-1	0.47	0.41	0.48	0.46	8.00	ppb
Calcium	43-1	204.43	196.36	191.40	197.40	3.33	ppb
Calcium	44-1	210.12	203.32	205.47	206.31	1.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.49	0.43	0.40	0.44	10.27	ppb
Cobalt	59-2	0.41	0.41	0.42	0.41	1.00	ppb
Copper	63-2	0.62	0.59	0.46	0.56	15.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	35.11	35.12	34.87	35.03	0.41	ppb
Iron	57-2	33.05	35.22	34.92	34.40	3.42	ppb
Iron	54-2	34.26	34.55	33.18	34.00	2.13	ppb
Krypton	83-1						cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4696-03	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-QT4-2023-07	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:20:30	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.31	0.34	0.34	0.33	5.12	ppb
Lead	207-1	0.39	0.38	0.37	0.38	2.10	ppb
Lead	208-1	0.36	0.37	0.37	0.37	1.97	ppb
Lithium	6-1				98		%
Magnesium	24-2	199.73	207.51	198.51	201.92	2.42	ppb
Manganese	55-2	0.86	0.94	0.79	0.87	8.91	ppb
Molybdenum	94-1	0.98	1.03	1.05	1.02	3.46	ppb
Molybdenum	95-1	0.41	0.40	0.39	0.40	3.00	ppb
Molybdenum	96-1	0.48	0.50	0.46	0.48	3.85	ppb
Molybdenum	97-1	0.38	0.43	0.45	0.42	9.08	ppb
Molybdenum	98-1	0.41	0.36	0.39	0.39	5.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.42	0.45	0.43	0.43	3.26	ppb
Phosphorus	31-2	1.84	-7.07	-6.27	-3.84		ppb
Potassium	39-2	132.65	134.11	131.68	132.81	0.92	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	2.76	2.69	2.80	2.75	1.84	ppb
Selenium	77-2	3.74	1.45	2.62	2.60	43.93	ppb
Selenium	78-2	1.78	1.66	1.93	1.79	7.31	ppb
Silicon	28-1	-0.05	-0.18	-0.14	-0.12		ppb
Silver	107-1	0.45	0.45	0.44	0.45	0.93	ppb
Silver	109-1	0.44	0.47	0.43	0.45	4.06	ppb
Sodium	23-2	218.24	221.84	220.57	220.22	0.83	ppb
Strontium	86-1	0.40	0.38	0.36	0.38	5.81	ppb
Strontium	88-1	0.40	0.40	0.40	0.40	0.63	ppb
Sulfur	34-1	-787.16	-890.59	-959.21	-878.99		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.38	0.37	0.37	0.38	2.34	ppb
Thallium	205-1	0.37	0.36	0.36	0.36	1.12	ppb
Tin	118-1	0.42	0.43	0.45	0.43	4.29	ppb
Titanium	47-1	0.40	0.43	0.48	0.44	9.85	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4696-03	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-QT4-2023-07	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:20:30	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.35	0.35	0.35	0.35	0.38	ppb
Vanadium	51-2	0.41	0.42	0.40	0.41	1.76	ppb
Yttrium	89-1				96		%
Yttrium	89-2				96		%
Zinc	66-2	0.86	0.99	0.58	0.81	25.86	ppb
Zirconium	90-1	0.39	0.37	0.40	0.39	3.18	ppb
Zirconium	91-1	0.36	0.43	0.37	0.39	9.12	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157660BL	Instrumnet Name :	P7
Client Sample ID :	PB157660BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:23:47	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.06	0.13	0.03	0.03	301.86	ppb
Antimony	121-1	-0.01	-0.01	-0.01	-0.01		ppb
Arsenic	75-2	-0.01	0.01	0.01	0.00	4441.52	ppb
Barium	135-1	0.00	-0.01	0.00	0.00		ppb
Barium	137-1	0.00	-0.01	0.00	0.00		ppb
Beryllium	9-1	-0.01	0.01	0.01	0.00	219.78	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.06	-0.05	-0.07	-0.02		ppb
Cadmium	106-1	1.06	0.00	-1.08	0.00		ppb
Cadmium	111-1	0.02	0.01	-0.02	0.00	576.72	ppb
Calcium	43-1	-5.62	-8.28	-11.00	-8.30		ppb
Calcium	44-1	-1.07	-0.53	-0.18	-0.59		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.02	-0.01	0.01	206.81	ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	-0.32	-0.35	-0.38	-0.35		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				97		%
Indium	115-2				98		%
Iron	56-2	0.03	-0.01	-0.12	-0.03		ppb
Iron	57-2	-0.42	-0.73	-1.56	-0.90		ppb
Iron	54-2	-0.67	-0.58	-0.69	-0.64		ppb
Krypton	83-1						cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157660BL	Instrumnet Name :	P7
Client Sample ID :	PB157660BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:23:47	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	-0.02	-0.01	-0.01	-0.01		ppb
Lead	207-1	0.00	0.01	0.01	0.01	117.81	ppb
Lead	208-1	0.00	0.00	0.00	0.00		ppb
Lithium	6-1				98		%
Magnesium	24-2	-0.09	0.00	-0.06	-0.05		ppb
Manganese	55-2	0.00	-0.01	0.00	0.00		ppb
Molybdenum	94-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	188.02	ppb
Molybdenum	96-1	0.00	0.01	0.01	0.01	49.55	ppb
Molybdenum	97-1	0.01	0.00	0.00	0.00	60.33	ppb
Molybdenum	98-1	0.00	0.00	0.01	0.00	101.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	-0.05	-0.03		ppb
Phosphorus	31-2	-12.24	-18.53	-18.45	-16.41		ppb
Potassium	39-2	6.62	3.68	1.30	3.87	68.87	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	0.36	0.25	-0.19	0.14	212.75	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.05	0.19	0.37	0.17	121.72	ppb
Silicon	28-1	0.09	-0.10	0.32	0.10	208.33	ppb
Silver	107-1	0.00	0.00	0.00	0.00	35.31	ppb
Silver	109-1	0.01	0.00	0.01	0.01	47.33	ppb
Sodium	23-2	18.17	17.90	15.79	17.29	7.54	ppb
Strontium	86-1	0.01	0.01	-0.01	0.00	469.81	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	858.36	ppb
Sulfur	34-1	-726.96	-840.31	-758.36	-775.21		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.01	-0.01	0.02	0.00		ppb
Titanium	47-1	0.05	0.02	0.02	0.03	50.22	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157660BL	Instrumnet Name :	P7
Client Sample ID :	PB157660BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:23:47	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				96		%
Yttrium	89-2				97		%
Zinc	66-2	0.10	0.12	-0.04	0.06	138.57	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	142.20	ppb
Zirconium	91-1	0.01	-0.01	0.00	0.00	322.64	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157660BS	Instrumnet Name :	P7
Client Sample ID :	PB157660BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:27:02	DataFile Name :	035LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.09	38.83	38.19	38.70	1.19	ppb
Antimony	121-1	3.69	3.59	3.62	3.63	1.46	ppb
Arsenic	75-2	2.00	1.95	1.75	1.90	6.93	ppb
Barium	135-1	17.58	17.92	17.43	17.64	1.44	ppb
Barium	137-1	17.65	17.40	17.50	17.52	0.71	ppb
Beryllium	9-1	2.00	1.95	2.01	1.99	1.66	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.11	1.84	1.89	1.95	7.61	ppb
Cadmium	106-1	1.86	1.58	3.13	2.19	37.63	ppb
Cadmium	111-1	1.91	2.00	1.94	1.95	2.28	ppb
Calcium	43-1	867.58	906.24	893.78	889.20	2.22	ppb
Calcium	44-1	904.99	912.35	914.25	910.53	0.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.76	3.73	3.89	3.79	2.15	ppb
Cobalt	59-2	1.88	1.88	1.94	1.90	1.63	ppb
Copper	63-2	3.69	3.65	3.83	3.72	2.52	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				98		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	409.40	408.08	412.15	409.88	0.51	ppb
Iron	57-2	422.94	410.29	421.19	418.14	1.64	ppb
Iron	54-2	408.94	412.06	416.99	412.66	0.98	ppb
Krypton	83-1						cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157660BS	Instrumnet Name :	P7
Client Sample ID :	PB157660BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:27:02	DataFile Name :	035LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.62	1.62	1.63	1.62	0.42	ppb
Lead	207-1	1.61	1.58	1.63	1.61	1.83	ppb
Lead	208-1	1.63	1.61	1.63	1.62	0.79	ppb
Lithium	6-1				101		%
Magnesium	24-2	944.93	949.15	954.37	949.49	0.50	ppb
Manganese	55-2	1.90	1.95	1.80	1.88	4.09	ppb
Molybdenum	94-1	10.06	10.06	10.44	10.19	2.13	ppb
Molybdenum	95-1	8.28	8.61	8.75	8.55	2.82	ppb
Molybdenum	96-1	8.55	8.74	8.85	8.71	1.73	ppb
Molybdenum	97-1	8.20	8.59	8.55	8.45	2.60	ppb
Molybdenum	98-1	8.40	8.56	8.66	8.54	1.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.82	1.96	1.92	1.90	3.87	ppb
Phosphorus	31-2	-11.42	-23.13	-18.11	-17.55		ppb
Potassium	39-2	991.13	991.21	991.08	991.14	0.01	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	8.92	9.85	10.19	9.65	6.81	ppb
Selenium	77-2	8.47	9.58	5.78	7.94	24.61	ppb
Selenium	78-2	9.82	7.21	8.54	8.52	15.31	ppb
Silicon	28-1	1.41	1.39	1.38	1.39	1.18	ppb
Silver	107-1	1.92	1.93	1.89	1.91	1.07	ppb
Silver	109-1	1.91	1.87	1.90	1.89	1.13	ppb
Sodium	23-2	961.09	967.05	970.33	966.15	0.48	ppb
Strontium	86-1	1.71	1.83	1.77	1.77	3.59	ppb
Strontium	88-1	1.71	1.75	1.78	1.75	2.11	ppb
Sulfur	34-1	-736.59	-728.14	-742.71	-735.81		ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	1.63	1.61	1.60	1.61	0.85	ppb
Thallium	205-1	1.61	1.59	1.61	1.60	0.81	ppb
Tin	118-1	0.00	0.01	0.02	0.01	103.26	ppb
Titanium	47-1	8.96	9.15	9.03	9.05	1.05	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157660BS	Instrumnet Name :	P7
Client Sample ID :	PB157660BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:27:02	DataFile Name :	035LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.50	1.52	1.52	1.52	0.67	ppb
Vanadium	51-2	8.99	9.12	9.25	9.12	1.41	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	10.01	9.39	10.23	9.87	4.41	ppb
Zirconium	90-1	1.72	1.74	1.78	1.75	1.83	ppb
Zirconium	91-1	1.70	1.75	1.86	1.77	4.63	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157661BL	Instrumnet Name :	P7
Client Sample ID :	PB157661BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:30:21	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.16	-0.34	-0.20	-0.23		ppb
Antimony	121-1	0.00	0.00	0.00	0.00		ppb
Arsenic	75-2	0.00	0.00	0.01	0.00	1349.24	ppb
Barium	135-1	0.00	0.00	0.00	0.00		ppb
Barium	137-1	-0.01	-0.01	0.00	-0.01		ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.10	-0.05	-0.05	0.00	8857.01	ppb
Cadmium	106-1	0.72	1.24	0.69	0.88	35.02	ppb
Cadmium	111-1	0.01	0.03	0.03	0.02	38.72	ppb
Calcium	43-1	-3.59	-5.68	-9.92	-6.40		ppb
Calcium	44-1	0.03	-0.59	0.14	-0.14		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.03	0.02	0.01	211.96	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	-0.30	-0.29	-0.37	-0.32		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	-0.44	-0.18	-0.26	-0.29		ppb
Iron	57-2	-1.06	0.76	-1.11	-0.47		ppb
Iron	54-2	-0.07	-0.81	-1.55	-0.81		ppb
Krypton	83-1						cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157661BL	Instrumnet Name :	P7
Client Sample ID :	PB157661BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:30:21	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	-0.04	-0.04	-0.03	-0.03		ppb
Lead	207-1	0.00	0.00	0.01	0.00	192.18	ppb
Lead	208-1	-0.01	-0.01	-0.01	-0.01		ppb
Lithium	6-1				100		%
Magnesium	24-2	0.16	-0.30	0.07	-0.02		ppb
Manganese	55-2	0.01	0.00	0.00	0.00		ppb
Molybdenum	94-1	-0.01	-0.01	0.02	0.00	11028.95	ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	191.90	ppb
Molybdenum	96-1	0.01	0.00	0.01	0.00	144.27	ppb
Molybdenum	97-1	0.01	0.00	0.00	0.00	1331.11	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.03	-0.02	-0.02		ppb
Phosphorus	31-2	-8.50	-17.62	-13.97	-13.36		ppb
Potassium	39-2	7.19	7.41	4.41	6.33	26.42	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	-0.53	-0.96	-0.38	-0.62		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.16	-0.69	-0.95	-0.49		ppb
Silicon	28-1	0.17	0.28	0.19	0.21	26.04	ppb
Silver	107-1	0.01	0.02	0.01	0.01	26.16	ppb
Silver	109-1	0.01	0.01	0.01	0.01	8.30	ppb
Sodium	23-2	15.81	14.14	13.68	14.54	7.69	ppb
Strontium	86-1	-0.02	-0.01	-0.01	-0.01		ppb
Strontium	88-1	0.00	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-623.42	-490.89	-501.91	-538.74		ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	-0.01	0.00	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.00	0.01	-0.01	0.00		ppb
Titanium	47-1	0.02	-0.01	0.02	0.01	136.16	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157661BL	Instrumnet Name :	P7
Client Sample ID :	PB157661BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:30:21	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	122.40	ppb
Yttrium	89-1				97		%
Yttrium	89-2				97		%
Zinc	66-2	0.03	-0.02	0.12	0.04	164.75	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	133.92	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157661BS	Instrumnet Name :	P7
Client Sample ID :	PB157661BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:33:36	DataFile Name :	037LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.50	38.75	39.55	39.27	1.14	ppb
Antimony	121-1	3.82	3.78	3.76	3.78	0.89	ppb
Arsenic	75-2	1.69	1.94	1.90	1.84	7.12	ppb
Barium	135-1	18.12	18.19	18.48	18.26	1.07	ppb
Barium	137-1	18.19	18.22	17.94	18.12	0.86	ppb
Beryllium	9-1	1.99	1.97	1.97	1.98	0.51	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.89	1.90	2.01	1.93	3.35	ppb
Cadmium	106-1	2.32	2.38	3.01	2.57	14.83	ppb
Cadmium	111-1	2.08	1.88	1.99	1.99	5.00	ppb
Calcium	43-1	930.11	901.38	913.83	915.11	1.57	ppb
Calcium	44-1	924.13	936.62	932.58	931.11	0.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.76	3.76	3.72	3.75	0.74	ppb
Cobalt	59-2	1.95	1.92	1.89	1.92	1.69	ppb
Copper	63-2	3.76	3.78	3.92	3.82	2.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	413.59	414.26	412.39	413.41	0.23	ppb
Iron	57-2	420.80	410.98	407.61	413.13	1.66	ppb
Iron	54-2	416.64	421.69	414.49	417.61	0.88	ppb
Krypton	83-1						cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157661BS	Instrumnet Name :	P7
Client Sample ID :	PB157661BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:33:36	DataFile Name :	037LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.66	1.65	1.64	1.65	0.49	ppb
Lead	207-1	1.64	1.67	1.63	1.65	1.10	ppb
Lead	208-1	1.64	1.66	1.63	1.64	0.85	ppb
Lithium	6-1				100		%
Magnesium	24-2	960.76	960.62	955.81	959.06	0.29	ppb
Manganese	55-2	1.93	1.98	2.03	1.98	2.57	ppb
Molybdenum	94-1	10.49	10.49	10.73	10.57	1.32	ppb
Molybdenum	95-1	8.72	8.73	8.99	8.82	1.75	ppb
Molybdenum	96-1	8.76	8.90	9.13	8.93	2.07	ppb
Molybdenum	97-1	8.59	8.68	8.87	8.71	1.61	ppb
Molybdenum	98-1	8.62	8.76	8.92	8.76	1.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.86	1.94	1.94	1.91	2.50	ppb
Phosphorus	31-2	-17.32	-23.83	-16.40	-19.18		ppb
Potassium	39-2	1000.59	1008.81	1000.54	1003.31	0.47	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	9.67	9.50	10.32	9.83	4.37	ppb
Selenium	77-2	8.06	10.61	7.07	8.58	21.30	ppb
Selenium	78-2	9.02	12.05	8.70	9.92	18.66	ppb
Silicon	28-1	1.54	1.60	1.64	1.59	3.29	ppb
Silver	107-1	1.98	1.99	2.03	2.00	1.36	ppb
Silver	109-1	1.97	2.02	2.00	2.00	1.16	ppb
Sodium	23-2	962.11	966.28	958.15	962.18	0.42	ppb
Strontium	86-1	1.84	1.90	1.85	1.86	1.84	ppb
Strontium	88-1	1.72	1.77	1.79	1.76	2.04	ppb
Sulfur	34-1	-492.85	-363.58	-433.82	-430.08		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	1.60	1.64	1.65	1.63	1.81	ppb
Thallium	205-1	1.57	1.63	1.66	1.62	2.95	ppb
Tin	118-1	0.02	0.01	0.00	0.01	98.81	ppb
Titanium	47-1	9.17	9.36	9.80	9.44	3.43	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157661BS	Instrumnet Name :	P7
Client Sample ID :	PB157661BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:33:36	DataFile Name :	037LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.52	1.56	1.54	1.54	1.28	ppb
Vanadium	51-2	9.27	9.25	9.09	9.21	1.08	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	9.95	10.20	10.24	10.13	1.56	ppb
Zirconium	90-1	1.81	1.80	1.85	1.82	1.38	ppb
Zirconium	91-1	1.82	1.78	1.83	1.81	1.37	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157662BL	Instrumnet Name :	P7
Client Sample ID :	PB157662BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:36:54	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.07	-0.20	-0.32	-0.20		ppb
Antimony	121-1	-0.01	0.00	0.00	0.00		ppb
Arsenic	75-2	-0.01	0.01	0.00	0.00		ppb
Barium	135-1	0.00	0.00	0.00	0.00		ppb
Barium	137-1	0.00	-0.01	0.00	0.00		ppb
Beryllium	9-1	-0.01	0.01	-0.01	0.00		ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.08	0.01	0.06	0.05	68.04	ppb
Cadmium	106-1	1.20	-0.48	0.00	0.24	359.67	ppb
Cadmium	111-1	0.03	-0.01	0.00	0.01	305.95	ppb
Calcium	43-1	-5.86	-2.53	-10.05	-6.15		ppb
Calcium	44-1	-0.27	-0.61	0.30	-0.19		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.04	0.02	0.02	159.05	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	-0.35	-0.36	-0.36	-0.36		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	-0.37	-0.32	-0.37	-0.36		ppb
Iron	57-2	-0.41	-0.16	-0.39	-0.32		ppb
Iron	54-2	-0.23	-0.84	-0.24	-0.44		ppb
Krypton	83-1						cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157662BL	Instrumnet Name :	P7
Client Sample ID :	PB157662BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:36:54	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	-0.03	-0.03	-0.03	-0.03		ppb
Lead	207-1	-0.01	0.01	0.00	0.00		ppb
Lead	208-1	-0.01	0.00	-0.01	-0.01		ppb
Lithium	6-1				99		%
Magnesium	24-2	-0.06	-0.19	-0.08	-0.11		ppb
Manganese	55-2	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	94-1	-0.01	0.00	0.00	-0.01		ppb
Molybdenum	95-1	0.00	0.00	0.01	0.00	193.45	ppb
Molybdenum	96-1	0.00	0.00	0.01	0.00	892.05	ppb
Molybdenum	97-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	-0.05	-0.02		ppb
Phosphorus	31-2	-16.78	-22.92	-22.26	-20.65		ppb
Potassium	39-2	7.19	2.27	7.62	5.69	52.22	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	-0.16	-0.41	-0.13	-0.24		ppb
Selenium	77-2	0.00	0.57	0.29	0.29	99.74	ppb
Selenium	78-2	-0.86	-0.81	1.21	-0.15		ppb
Silicon	28-1	0.33	0.12	0.10	0.18	71.99	ppb
Silver	107-1	0.01	0.01	0.01	0.01	17.40	ppb
Silver	109-1	0.01	0.01	0.01	0.01	19.80	ppb
Sodium	23-2	13.93	12.72	12.85	13.17	5.04	ppb
Strontium	86-1	0.01	0.01	-0.02	0.00	1418.18	ppb
Strontium	88-1	-0.01	0.00	-0.01	-0.01		ppb
Sulfur	34-1	-415.46	-485.00	-495.54	-465.33		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.02	-0.02	0.01	-0.01		ppb
Titanium	47-1	0.04	0.01	0.07	0.04	71.41	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157662BL	Instrumnet Name :	P7
Client Sample ID :	PB157662BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:36:54	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	70.64	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	0.04	0.09	-0.01	0.04	132.72	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	342.37	ppb
Zirconium	91-1	0.00	0.01	0.00	0.00	76.92	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157663BL	Instrumnet Name :	P7
Client Sample ID :	PB157663BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:40:10	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.20	0.27	-0.02	0.15	104.27	ppb
Antimony	121-1	-0.02	-0.01	-0.01	-0.02		ppb
Arsenic	75-2	-0.01	-0.01	0.00	-0.01		ppb
Barium	135-1	-0.01	-0.01	0.01	0.00		ppb
Barium	137-1	0.00	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	-0.02	-0.01	0.00	-0.01		ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.03	0.06	-0.05	-0.01		ppb
Cadmium	106-1	0.82	-0.01	0.20	0.34	128.41	ppb
Cadmium	111-1	0.02	0.00	0.01	0.01	99.30	ppb
Calcium	43-1	-7.88	-4.31	-6.19	-6.13		ppb
Calcium	44-1	-0.93	-0.32	-0.73	-0.66		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	0.01	0.01	0.02	129.13	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	470.69	ppb
Copper	63-2	-0.13	-0.38	-0.34	-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				98		%
Holmium	165-2				93		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	56-2	-0.08	-0.55	-0.44	-0.36		ppb
Iron	57-2	-0.17	-1.73	-0.77	-0.89		ppb
Iron	54-2	0.53	-0.95	-0.42	-0.28		ppb
Krypton	83-1						cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157663BL	Instrumnet Name :	P7
Client Sample ID :	PB157663BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:40:10	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	-0.04	-0.03	-0.03	-0.03		ppb
Lead	207-1	0.01	-0.01	0.00	0.00		ppb
Lead	208-1	-0.01	-0.01	-0.01	-0.01		ppb
Lithium	6-1				99		%
Magnesium	24-2	-0.21	-0.18	-0.16	-0.18		ppb
Manganese	55-2	0.00	-0.01	0.00	0.00		ppb
Molybdenum	94-1	-0.02	-0.04	-0.01	-0.02		ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	97-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	98-1	-0.01	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.02	-0.01	-0.01		ppb
Phosphorus	31-2	-17.23	-15.72	-18.03	-16.99		ppb
Potassium	39-2	33.56	2.14	6.38	14.03	121.56	ppb
Rhodium	103-1				96		%
Rhodium	103-2				92		%
Scandium	45-1				95		%
Scandium	45-2				91		%
Selenium	82-1	0.15	-0.13	-0.36	-0.11		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.85	-0.44	-1.11	-0.23		ppb
Silicon	28-1	0.02	0.35	0.41	0.26	80.31	ppb
Silver	107-1	0.00	0.00	0.00	0.00	63.86	ppb
Silver	109-1	0.01	0.00	0.00	0.00	64.50	ppb
Sodium	23-2	19.36	12.08	11.03	14.16	32.05	ppb
Strontium	86-1	0.02	0.00	0.00	0.00	336.17	ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-513.51	-324.47	-226.79	-354.92		ppb
Terbium	159-1				98		%
Terbium	159-2				93		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.01	0.00	-0.01	-0.01		ppb
Titanium	47-1	0.02	0.03	0.00	0.02	80.30	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157663BL	Instrumnet Name :	P7
Client Sample ID :	PB157663BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:40:10	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				96		%
Yttrium	89-2				92		%
Zinc	66-2	0.08	0.02	-0.07	0.01	770.42	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb
Zirconium	91-1	-0.01	0.00	0.00	0.00		ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157662BS	Instrumnet Name :	P7
Client Sample ID :	PB157662BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:43:28	DataFile Name :	040LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10080.63	10115.39	10380.77	10192.26	1.61	ppb
Antimony	121-1	550.04	496.50	509.65	518.73	5.38	ppb
Arsenic	75-2	491.92	497.23	500.61	496.59	0.88	ppb
Barium	135-1	2670.24	2482.81	2517.04	2556.70	3.90	ppb
Barium	137-1	2705.85	2464.47	2504.04	2558.12	5.06	ppb
Beryllium	9-1	550.38	526.15	515.28	530.61	3.39	ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	547.87	504.12	510.99	520.99	4.52	ppb
Cadmium	106-1	551.88	502.07	519.71	524.55	4.82	ppb
Cadmium	111-1	552.28	506.18	514.65	524.37	4.68	ppb
Calcium	43-1	60396.99	56597.24	59117.30	58703.84	3.29	ppb
Calcium	44-1	56843.37	53705.46	53500.95	54683.26	3.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	480.89	491.62	489.85	487.46	1.18	ppb
Cobalt	59-2	488.13	502.40	487.43	492.65	1.72	ppb
Copper	63-2	4953.77	5006.17	4953.08	4971.01	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				95		%
Indium	115-1				88		%
Indium	115-2				87		%
Iron	56-2	26058.63	26187.91	26047.83	26098.12	0.30	ppb
Iron	57-2	25885.32	26810.02	26394.17	26363.17	1.76	ppb
Iron	54-2	26643.65	27306.59	26085.86	26678.70	2.29	ppb
Krypton	83-1						cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157662BS	Instrumnet Name :	P7
Client Sample ID :	PB157662BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:43:28	DataFile Name :	040LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2586.49	2472.40	2436.23	2498.37	3.14	ppb
Lead	207-1	2585.05	2504.52	2436.03	2508.53	2.97	ppb
Lead	208-1	2589.38	2492.59	2442.83	2508.27	2.97	ppb
Lithium	6-1				94		%
Magnesium	24-2	50253.82	51013.37	49833.64	50366.94	1.19	ppb
Manganese	55-2	4871.16	4923.90	4871.15	4888.74	0.62	ppb
Molybdenum	94-1	5301.91	4964.42	4954.94	5073.76	3.90	ppb
Molybdenum	95-1	5315.98	4990.85	4954.91	5087.25	3.91	ppb
Molybdenum	96-1	5290.72	4944.09	4977.21	5070.67	3.77	ppb
Molybdenum	97-1	5254.99	4916.10	4964.57	5045.22	3.63	ppb
Molybdenum	98-1	5253.11	4953.73	4943.28	5050.04	3.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	491.01	501.07	492.04	494.71	1.12	ppb
Phosphorus	31-2	9958.42	10005.97	9805.61	9923.33	1.05	ppb
Potassium	39-2	25269.95	25439.94	25725.03	25478.31	0.90	ppb
Rhodium	103-1				85		%
Rhodium	103-2				88		%
Scandium	45-1				86		%
Scandium	45-2				88		%
Selenium	82-1	528.41	504.00	503.28	511.90	2.79	ppb
Selenium	77-2	502.36	502.54	495.22	500.04	0.84	ppb
Selenium	78-2	498.52	497.77	501.24	499.18	0.37	ppb
Silicon	28-1	546.22	513.78	511.14	523.71	3.73	ppb
Silver	107-1	558.01	506.01	515.54	526.52	5.26	ppb
Silver	109-1	560.62	509.59	521.40	530.54	5.04	ppb
Sodium	23-2	51094.85	51345.59	50725.53	51055.32	0.61	ppb
Strontium	86-1	13200.38	12349.58	12489.98	12679.98	3.60	ppb
Strontium	88-1	13168.07	12435.41	12357.16	12653.55	3.54	ppb
Sulfur	34-1	11300.15	9742.53	9443.52	10162.07	9.81	ppb
Terbium	159-1				95		%
Terbium	159-2				94		%
Thallium	203-1	524.34	497.44	487.78	503.18	3.77	ppb
Thallium	205-1	518.38	496.65	489.95	501.66	2.96	ppb
Tin	118-1	544.53	499.58	503.78	515.96	4.81	ppb
Titanium	47-1	5276.24	4928.85	4897.12	5034.07	4.18	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157662BS	Instrumnet Name :	P7
Client Sample ID :	PB157662BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:43:28	DataFile Name :	040LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	514.23	492.78	477.37	494.79	3.74	ppb
Vanadium	51-2	491.24	501.34	494.53	495.70	1.04	ppb
Yttrium	89-1				89		%
Yttrium	89-2				89		%
Zinc	66-2	5070.26	5077.80	5027.12	5058.39	0.54	ppb
Zirconium	90-1	523.13	495.76	497.60	505.50	3.03	ppb
Zirconium	91-1	525.32	494.73	498.46	506.17	3.30	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157663BS	Instrumnet Name :	P7
Client Sample ID :	PB157663BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:46:10	DataFile Name :	041LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10219.01	9970.07	10120.30	10103.12	1.24	ppb
Antimony	121-1	490.34	503.02	507.05	500.14	1.74	ppb
Arsenic	75-2	485.58	496.95	495.17	492.57	1.24	ppb
Barium	135-1	2408.71	2487.85	2479.99	2458.85	1.77	ppb
Barium	137-1	2400.01	2464.22	2470.49	2444.91	1.60	ppb
Beryllium	9-1	504.35	515.26	523.25	514.29	1.84	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	492.14	500.55	503.64	498.78	1.19	ppb
Cadmium	106-1	486.26	503.74	498.07	496.02	1.80	ppb
Cadmium	111-1	495.55	508.55	508.16	504.09	1.47	ppb
Calcium	43-1	56523.72	58805.58	58393.98	57907.76	2.10	ppb
Calcium	44-1	51140.44	52973.22	53118.52	52410.73	2.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	492.48	474.89	499.06	488.81	2.56	ppb
Cobalt	59-2	496.76	486.80	490.31	491.29	1.03	ppb
Copper	63-2	4984.00	4923.39	4919.37	4942.25	0.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				97		%
Indium	115-1				90		%
Indium	115-2				89		%
Iron	56-2	26097.58	25765.54	25535.00	25799.37	1.10	ppb
Iron	57-2	26518.33	26128.97	25585.51	26077.60	1.80	ppb
Iron	54-2	26868.28	26544.47	26457.47	26623.41	0.81	ppb
Krypton	83-1						cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157663BS	Instrumnet Name :	P7
Client Sample ID :	PB157663BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:46:10	DataFile Name :	041LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2375.52	2423.17	2436.47	2411.72	1.33	ppb
Lead	207-1	2387.79	2441.58	2429.08	2419.49	1.16	ppb
Lead	208-1	2378.19	2434.51	2435.37	2416.02	1.36	ppb
Lithium	6-1				93		%
Magnesium	24-2	50099.98	49859.61	49947.86	49969.15	0.24	ppb
Manganese	55-2	4859.79	4834.12	4812.40	4835.44	0.49	ppb
Molybdenum	94-1	4794.26	4916.53	4969.62	4893.47	1.84	ppb
Molybdenum	95-1	4780.18	4866.65	4910.47	4852.43	1.37	ppb
Molybdenum	96-1	4779.40	4837.56	4895.22	4837.39	1.20	ppb
Molybdenum	97-1	4757.88	4867.92	4901.62	4842.47	1.55	ppb
Molybdenum	98-1	4780.97	4876.00	4934.65	4863.87	1.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.02	484.71	487.03	488.92	1.11	ppb
Phosphorus	31-2	9882.03	9688.15	9821.86	9797.35	1.01	ppb
Potassium	39-2	25307.58	24796.60	25174.89	25093.02	1.06	ppb
Rhodium	103-1				87		%
Rhodium	103-2				88		%
Scandium	45-1				86		%
Scandium	45-2				89		%
Selenium	82-1	488.32	492.43	495.02	491.92	0.69	ppb
Selenium	77-2	503.25	498.97	480.02	494.08	2.50	ppb
Selenium	78-2	485.99	504.64	493.04	494.56	1.90	ppb
Silicon	28-1	494.29	502.10	501.14	499.18	0.85	ppb
Silver	107-1	496.32	502.27	502.39	500.32	0.69	ppb
Silver	109-1	494.41	504.08	501.47	499.99	1.00	ppb
Sodium	23-2	51040.45	49791.59	50478.04	50436.69	1.24	ppb
Strontium	86-1	12019.64	12177.89	12278.10	12158.55	1.07	ppb
Strontium	88-1	11838.98	12276.87	12260.37	12125.41	2.05	ppb
Sulfur	34-1	8130.58	8375.62	8305.88	8270.69	1.53	ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	475.40	486.86	492.94	485.07	1.84	ppb
Thallium	205-1	476.79	481.03	486.95	481.59	1.06	ppb
Tin	118-1	484.59	502.92	498.58	495.36	1.93	ppb
Titanium	47-1	4751.35	4950.45	4910.66	4870.82	2.16	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157663BS	Instrumnet Name :	P7
Client Sample ID :	PB157663BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:46:10	DataFile Name :	041LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	471.00	474.62	483.16	476.26	1.31	ppb
Vanadium	51-2	497.96	486.88	489.98	491.60	1.16	ppb
Yttrium	89-1				90		%
Yttrium	89-2				90		%
Zinc	66-2	5112.34	4951.99	4955.92	5006.75	1.83	ppb
Zirconium	90-1	477.16	485.19	490.94	484.43	1.43	ppb
Zirconium	91-1	475.34	482.49	490.17	482.66	1.54	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157664BS	Instrumnet Name :	P7
Client Sample ID :	PB157664BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:48:59	DataFile Name :	042DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10011.60	9986.98	10106.18	10034.92	0.63	ppb
Antimony	121-1	490.78	504.32	603.17	532.76	11.52	ppb
Arsenic	75-2	488.19	486.60	476.63	483.81	1.29	ppb
Barium	135-1	2411.18	2451.76	2940.03	2600.99	11.32	ppb
Barium	137-1	2384.43	2495.00	2936.45	2605.29	11.21	ppb
Beryllium	9-1	494.76	518.43	586.56	533.25	8.94	ppb
Bismuth	209-1				93		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	485.18	504.06	604.34	531.19	12.06	ppb
Cadmium	106-1	486.67	502.56	591.65	526.96	10.74	ppb
Cadmium	111-1	491.69	506.78	605.23	534.56	11.54	ppb
Calcium	43-1	56961.89	59291.20	68428.90	61560.66	9.85	ppb
Calcium	44-1	51780.20	53570.21	61889.80	55746.74	9.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	480.47	472.86	470.38	474.57	1.11	ppb
Cobalt	59-2	486.29	489.29	487.18	487.59	0.32	ppb
Copper	63-2	4923.36	4826.16	4877.83	4875.78	1.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				96		%
Indium	115-1				85		%
Indium	115-2				88		%
Iron	56-2	25576.13	25497.51	25599.27	25557.63	0.21	ppb
Iron	57-2	26070.85	26313.31	26324.21	26236.12	0.55	ppb
Iron	54-2	26369.88	25935.16	26002.70	26102.58	0.90	ppb
Krypton	83-1						cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157664BS	Instrumnet Name :	P7
Client Sample ID :	PB157664BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:48:59	DataFile Name :	042DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2409.84	2480.30	2799.76	2563.30	8.11	ppb
Lead	207-1	2400.57	2497.25	2833.58	2577.13	8.82	ppb
Lead	208-1	2393.15	2473.28	2830.15	2565.53	9.07	ppb
Lithium	6-1				89		%
Magnesium	24-2	49150.39	49333.66	49036.35	49173.47	0.31	ppb
Manganese	55-2	4794.26	4791.81	4796.21	4794.09	0.05	ppb
Molybdenum	94-1	4771.97	4902.54	5826.50	5167.00	11.13	ppb
Molybdenum	95-1	4788.55	4952.03	5777.43	5172.67	10.25	ppb
Molybdenum	96-1	4775.21	4908.89	5745.25	5143.12	10.22	ppb
Molybdenum	97-1	4747.35	4875.46	5795.10	5139.30	11.12	ppb
Molybdenum	98-1	4742.17	4896.30	5716.53	5118.34	10.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	483.22	482.42	482.57	482.74	0.09	ppb
Phosphorus	31-2	9678.88	9542.61	9749.07	9656.85	1.09	ppb
Potassium	39-2	24779.31	24599.98	24982.51	24787.27	0.77	ppb
Rhodium	103-1				81		%
Rhodium	103-2				88		%
Scandium	45-1				80		%
Scandium	45-2				88		%
Selenium	82-1	482.93	499.58	583.40	521.97	10.32	ppb
Selenium	77-2	496.70	492.11	492.30	493.70	0.53	ppb
Selenium	78-2	489.87	498.93	475.44	488.08	2.43	ppb
Silicon	28-1	491.36	505.15	587.75	528.08	9.87	ppb
Silver	107-1	489.65	502.96	600.27	530.96	11.37	ppb
Silver	109-1	496.90	506.74	600.26	534.63	10.67	ppb
Sodium	23-2	50206.32	49572.62	49580.08	49786.34	0.73	ppb
Strontium	86-1	12038.46	12242.34	14300.57	12860.45	9.73	ppb
Strontium	88-1	11929.19	12151.74	14233.65	12771.52	9.95	ppb
Sulfur	34-1	8268.11	8653.40	11213.52	9378.34	17.07	ppb
Terbium	159-1				91		%
Terbium	159-2				95		%
Thallium	203-1	483.76	497.33	564.40	515.16	8.38	ppb
Thallium	205-1	475.76	494.04	559.54	509.78	8.64	ppb
Tin	118-1	483.97	500.95	590.38	525.10	10.89	ppb
Titanium	47-1	4770.93	4932.05	5751.28	5151.42	10.21	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157664BS	Instrumnet Name :	P7
Client Sample ID :	PB157664BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:48:59	DataFile Name :	042DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	466.58	481.09	554.19	500.62	9.38	ppb
Vanadium	51-2	486.21	485.07	484.54	485.27	0.18	ppb
Yttrium	89-1				85		%
Yttrium	89-2				90		%
Zinc	66-2	5008.73	4868.51	5037.93	4971.72	1.82	ppb
Zirconium	90-1	475.48	491.96	570.35	512.59	9.89	ppb
Zirconium	91-1	478.64	487.02	578.04	514.56	10.71	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P7
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:51:40	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49980.15	50083.63	51064.98	50376.25	1.19	ppb
Antimony	121-1	483.54	498.26	490.77	490.86	1.50	ppb
Arsenic	75-2	488.23	492.52	492.53	491.09	0.51	ppb
Barium	135-1	2434.04	2446.74	2467.59	2449.46	0.69	ppb
Barium	137-1	2426.82	2462.96	2437.18	2442.32	0.76	ppb
Beryllium	9-1	507.50	521.22	512.26	513.66	1.36	ppb
Bismuth	209-1				90		%
Bismuth	209-2				87		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	492.62	495.59	499.43	495.88	0.69	ppb
Cadmium	106-1	481.72	502.59	494.55	492.96	2.14	ppb
Cadmium	111-1	481.75	496.34	494.30	490.80	1.61	ppb
Calcium	43-1	244417.82	247787.72	253446.69	248550.74	1.84	ppb
Calcium	44-1	244175.80	249513.54	251718.63	248469.32	1.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	472.20	484.52	482.64	479.79	1.38	ppb
Cobalt	59-2	488.97	489.22	495.45	491.21	0.75	ppb
Copper	63-2	4638.21	4778.14	4745.04	4720.47	1.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				92		%
Indium	115-1				85		%
Indium	115-2				83		%
Iron	56-2	123475.85	126464.32	127415.93	125785.37	1.63	ppb
Iron	57-2	123899.54	125489.67	128448.33	125945.85	1.83	ppb
Iron	54-2	124058.77	125922.75	128033.86	126005.13	1.58	ppb
Krypton	83-1						cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P7
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:51:40	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2440.39	2449.32	2490.20	2459.97	1.08	ppb
Lead	207-1	2443.18	2425.03	2495.76	2454.66	1.50	ppb
Lead	208-1	2438.27	2449.58	2480.13	2456.00	0.88	ppb
Lithium	6-1				89		%
Magnesium	24-2	247928.50	247646.56	249737.46	248437.51	0.46	ppb
Manganese	55-2	4763.52	4793.14	4838.26	4798.31	0.78	ppb
Molybdenum	94-1	4852.26	4926.57	4903.96	4894.26	0.78	ppb
Molybdenum	95-1	4890.90	4918.49	4903.32	4904.24	0.28	ppb
Molybdenum	96-1	4856.64	4891.77	4922.07	4890.16	0.67	ppb
Molybdenum	97-1	4778.63	4897.69	4866.69	4847.67	1.27	ppb
Molybdenum	98-1	4812.06	4893.89	4886.55	4864.16	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	478.76	478.51	487.63	481.64	1.08	ppb
Phosphorus	31-2	9565.27	9699.38	9955.68	9740.11	2.04	ppb
Potassium	39-2	120297.72	122563.66	123386.28	122082.55	1.31	ppb
Rhodium	103-1				79		%
Rhodium	103-2				80		%
Scandium	45-1				83		%
Scandium	45-2				84		%
Selenium	82-1	475.26	487.52	490.12	484.30	1.64	ppb
Selenium	77-2	493.38	486.60	489.92	489.97	0.69	ppb
Selenium	78-2	472.37	482.31	488.68	481.12	1.71	ppb
Silicon	28-1	561.13	568.09	575.96	568.39	1.31	ppb
Silver	107-1	482.62	491.12	486.06	486.60	0.88	ppb
Silver	109-1	487.84	493.17	495.03	492.01	0.76	ppb
Sodium	23-2	243593.55	249345.10	250030.52	247656.39	1.43	ppb
Strontium	86-1	12043.60	12111.04	12229.98	12128.21	0.78	ppb
Strontium	88-1	12039.32	12091.52	12171.41	12100.75	0.55	ppb
Sulfur	34-1	8550.64	8644.44	8826.21	8673.76	1.62	ppb
Terbium	159-1				92		%
Terbium	159-2				91		%
Thallium	203-1	498.57	497.73	513.19	503.16	1.73	ppb
Thallium	205-1	494.55	494.31	496.47	495.11	0.24	ppb
Tin	118-1	482.47	493.65	498.88	491.67	1.70	ppb
Titanium	47-1	4796.54	4861.63	4948.96	4869.04	1.57	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P7
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:51:40	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	502.89	504.21	505.73	504.27	0.28	ppb
Vanadium	51-2	485.06	493.97	498.35	492.46	1.38	ppb
Yttrium	89-1				87		%
Yttrium	89-2				86		%
Zinc	66-2	4747.10	4854.17	4909.05	4836.77	1.70	ppb
Zirconium	90-1	480.26	492.56	496.39	489.74	1.72	ppb
Zirconium	91-1	488.30	492.68	498.73	493.24	1.06	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P7
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 18:11:02	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.33	0.61	0.79	0.58	40.85	ppb
Antimony	121-1	0.11	0.11	0.13	0.12	8.57	ppb
Arsenic	75-2	0.00	0.02	0.02	0.01	112.74	ppb
Barium	135-1	0.00	-0.01	0.00	0.00	577.45	ppb
Barium	137-1	0.01	0.01	0.00	0.00	67.80	ppb
Beryllium	9-1	0.07	0.03	0.04	0.05	49.43	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.03	0.06	-0.05	-0.01		ppb
Cadmium	106-1	-1.18	-2.48	-1.74	-1.80		ppb
Cadmium	111-1	-0.02	-0.06	-0.03	-0.03		ppb
Calcium	43-1	-5.64	-6.00	-5.59	-5.74		ppb
Calcium	44-1	-0.80	0.17	0.84	0.07	1121.21	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	38.72	ppb
Cobalt	59-2	0.01	0.01	0.00	0.00	41.84	ppb
Copper	63-2	-0.30	-0.31	-0.38	-0.33		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	1.68	2.32	2.92	2.31	26.79	ppb
Iron	57-2	-0.18	1.46	2.27	1.18	105.35	ppb
Iron	54-2	0.53	1.92	2.63	1.69	62.90	ppb
Krypton	83-1						cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P7
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 18:11:02	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.01	0.03	0.00	0.01	148.69	ppb
Lead	207-1	0.04	0.04	0.02	0.03	35.16	ppb
Lead	208-1	0.02	0.03	0.02	0.03	30.64	ppb
Lithium	6-1				98		%
Magnesium	24-2	2.67	3.80	4.25	3.58	22.84	ppb
Manganese	55-2	0.06	0.08	0.11	0.08	29.19	ppb
Molybdenum	94-1	0.06	0.09	0.09	0.08	20.53	ppb
Molybdenum	95-1	0.05	0.04	0.05	0.05	12.17	ppb
Molybdenum	96-1	0.04	0.04	0.06	0.05	22.40	ppb
Molybdenum	97-1	0.04	0.04	0.07	0.05	27.01	ppb
Molybdenum	98-1	0.05	0.04	0.06	0.05	21.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.02	-0.01	-0.01		ppb
Phosphorus	31-2	-9.80	-22.51	-15.32	-15.88		ppb
Potassium	39-2	5.81	4.56	6.33	5.57	16.27	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	-0.08	-0.09	0.03	-0.05		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.17	0.23	-1.14	-0.25		ppb
Silicon	28-1	-0.42	-0.26	-0.27	-0.32		ppb
Silver	107-1	0.01	0.01	0.01	0.01	27.96	ppb
Silver	109-1	0.01	0.01	0.01	0.01	14.96	ppb
Sodium	23-2	22.91	22.65	23.97	23.18	3.03	ppb
Strontium	86-1	0.04	0.01	0.03	0.03	50.13	ppb
Strontium	88-1	0.03	0.04	0.07	0.05	52.55	ppb
Sulfur	34-1	-1335.21	-1166.05	-1179.81	-1227.02		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.00	0.00	0.01	0.00	65.81	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.00	0.00	0.01	0.00	174.17	ppb
Titanium	47-1	0.01	0.03	0.06	0.03	75.06	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P7
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 18:11:02	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	-0.01	-0.01	0.00	-0.01		ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	32.32	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	0.05	0.17	0.30	0.17	69.68	ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	15.56	ppb
Zirconium	91-1	0.04	0.03	0.04	0.03	7.88	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157664BL	Instrumnet Name :	P7
Client Sample ID :	PB157664BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 18:15:05	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.16	0.24	-0.11	0.10	186.88	ppb
Antimony	121-1	0.00	0.01	0.02	0.01	79.71	ppb
Arsenic	75-2	0.01	0.01	0.00	0.01	147.12	ppb
Barium	135-1	0.00	0.00	0.01	0.01	109.19	ppb
Barium	137-1	0.00	0.01	0.00	0.00	170.39	ppb
Beryllium	9-1	0.05	0.02	0.03	0.03	47.67	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.07	-0.07	-0.07	-0.07		ppb
Cadmium	106-1	-0.90	-0.25	-1.05	-0.73		ppb
Cadmium	111-1	-0.01	0.00	-0.01	-0.01		ppb
Calcium	43-1	-2.05	-4.60	-9.95	-5.54		ppb
Calcium	44-1	-1.18	-0.09	0.72	-0.18		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.02	-0.01	0.01	154.42	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	-0.37	-0.37	-0.41	-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				101		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	0.20	0.15	0.14	0.17	19.03	ppb
Iron	57-2	-0.52	-0.29	-0.03	-0.28		ppb
Iron	54-2	-0.80	-0.18	-0.26	-0.42		ppb
Krypton	83-1						cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157664BL	Instrumnet Name :	P7
Client Sample ID :	PB157664BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 18:15:05	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	-0.01	0.01	-0.01	0.00		ppb
Lead	207-1	0.02	0.02	0.03	0.02	20.01	ppb
Lead	208-1	0.02	0.02	0.02	0.02	11.87	ppb
Lithium	6-1				97		%
Magnesium	24-2	0.32	0.37	0.42	0.37	13.16	ppb
Manganese	55-2	0.02	0.00	0.05	0.02	123.35	ppb
Molybdenum	94-1	0.04	0.04	0.03	0.04	7.08	ppb
Molybdenum	95-1	0.03	0.02	0.02	0.02	12.02	ppb
Molybdenum	96-1	0.02	0.02	0.04	0.03	44.13	ppb
Molybdenum	97-1	0.02	0.03	0.03	0.03	16.36	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	5.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	0.01	0.01	42.27	ppb
Phosphorus	31-2	-17.49	-19.66	-23.18	-20.11		ppb
Potassium	39-2	5.16	4.11	5.27	4.85	13.14	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	0.51	0.36	0.04	0.30	78.01	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.09	-0.93	0.32	-0.17		ppb
Silicon	28-1	-0.17	-0.18	-0.36	-0.23		ppb
Silver	107-1	0.00	0.01	0.01	0.00	141.11	ppb
Silver	109-1	0.01	0.01	0.01	0.01	12.90	ppb
Sodium	23-2	18.37	17.63	16.61	17.54	5.04	ppb
Strontium	86-1	0.04	0.05	0.04	0.04	17.61	ppb
Strontium	88-1	0.02	0.03	0.04	0.03	30.42	ppb
Sulfur	34-1	-1078.60	-1108.94	-1108.45	-1098.66		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.01	-0.01	0.00	0.00		ppb
Titanium	47-1	0.04	0.06	0.03	0.04	39.94	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157664BL	Instrumnet Name :	P7
Client Sample ID :	PB157664BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 18:15:05	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	69.79	ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	0.12	0.14	0.08	0.11	27.01	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	59.86	ppb
Zirconium	91-1	0.01	0.01	0.00	0.01	47.75	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P7
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 18:18:22	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50535.96	50084.15	49332.56	49984.22	1.22	ppb
Antimony	121-1	485.43	490.89	488.83	488.38	0.57	ppb
Arsenic	75-2	483.58	482.57	487.73	484.63	0.56	ppb
Barium	135-1	2439.38	2471.85	2441.86	2451.03	0.74	ppb
Barium	137-1	2416.89	2447.18	2424.83	2429.63	0.65	ppb
Beryllium	9-1	513.22	533.32	518.85	521.80	1.99	ppb
Bismuth	209-1				92		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	489.41	503.66	492.00	495.02	1.53	ppb
Cadmium	106-1	490.35	495.26	486.77	490.79	0.87	ppb
Cadmium	111-1	485.60	493.50	493.46	490.86	0.93	ppb
Calcium	43-1	247737.48	247824.12	249720.16	248427.25	0.45	ppb
Calcium	44-1	243709.36	248109.03	248746.40	246854.93	1.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	477.67	471.77	478.05	475.83	0.74	ppb
Cobalt	59-2	490.25	491.62	483.83	488.57	0.85	ppb
Copper	63-2	4740.99	4754.11	4614.61	4703.24	1.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				94		%
Indium	115-1				87		%
Indium	115-2				85		%
Iron	56-2	125149.38	126297.69	122108.81	124518.62	1.74	ppb
Iron	57-2	124521.99	125855.46	124067.78	124815.08	0.74	ppb
Iron	54-2	126118.64	125576.28	124901.60	125532.18	0.49	ppb
Krypton	83-1						cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P7
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 18:18:22	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2414.45	2470.35	2481.73	2455.51	1.47	ppb
Lead	207-1	2415.39	2476.86	2458.09	2450.11	1.29	ppb
Lead	208-1	2413.53	2478.37	2461.13	2451.01	1.37	ppb
Lithium	6-1				89		%
Magnesium	24-2	246622.06	245712.00	242290.78	244874.95	0.93	ppb
Manganese	55-2	4792.87	4803.59	4721.21	4772.56	0.94	ppb
Molybdenum	94-1	4801.13	4981.87	4895.48	4892.83	1.85	ppb
Molybdenum	95-1	4808.09	4950.05	4863.44	4873.86	1.47	ppb
Molybdenum	96-1	4793.49	4964.78	4883.51	4880.60	1.76	ppb
Molybdenum	97-1	4773.85	4941.90	4851.24	4855.67	1.73	ppb
Molybdenum	98-1	4760.72	4958.08	4866.67	4861.82	2.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	483.19	481.44	471.32	478.65	1.34	ppb
Phosphorus	31-2	9917.03	9684.76	9507.95	9703.24	2.11	ppb
Potassium	39-2	122342.00	122358.53	120966.86	121889.13	0.66	ppb
Rhodium	103-1				82		%
Rhodium	103-2				82		%
Scandium	45-1				86		%
Scandium	45-2				85		%
Selenium	82-1	476.07	487.07	483.71	482.28	1.17	ppb
Selenium	77-2	471.61	478.63	495.31	481.85	2.53	ppb
Selenium	78-2	481.44	479.06	485.34	481.95	0.66	ppb
Silicon	28-1	564.36	570.09	571.17	568.54	0.64	ppb
Silver	107-1	489.44	490.05	481.16	486.88	1.02	ppb
Silver	109-1	494.18	495.35	489.09	492.88	0.68	ppb
Sodium	23-2	247475.44	245485.98	242804.76	245255.39	0.96	ppb
Strontium	86-1	11882.87	12155.55	12132.86	12057.10	1.25	ppb
Strontium	88-1	11804.54	12177.63	12147.28	12043.15	1.72	ppb
Sulfur	34-1	8835.25	8659.21	8603.77	8699.41	1.39	ppb
Terbium	159-1				95		%
Terbium	159-2				93		%
Thallium	203-1	481.25	499.69	501.65	494.19	2.28	ppb
Thallium	205-1	484.10	495.33	490.46	489.96	1.15	ppb
Tin	118-1	485.28	488.31	486.84	486.81	0.31	ppb
Titanium	47-1	4735.84	4880.34	4850.15	4822.11	1.58	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P7
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 18:18:22	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	489.69	502.25	495.95	495.96	1.27	ppb
Vanadium	51-2	493.75	492.39	485.51	490.55	0.90	ppb
Yttrium	89-1				89		%
Yttrium	89-2				87		%
Zinc	66-2	4872.58	4864.18	4722.44	4819.73	1.75	ppb
Zirconium	90-1	477.31	490.42	486.17	484.64	1.38	ppb
Zirconium	91-1	478.23	493.85	490.94	487.67	1.70	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	CCB31	Instrumnet Name :	P7
Client Sample ID :	CCB31	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 18:40:39	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.49	0.58	0.42	0.50	16.01	ppb
Antimony	121-1	0.09	0.08	0.09	0.09	5.08	ppb
Arsenic	75-2	0.02	0.00	-0.01	0.00	633.91	ppb
Barium	135-1	0.02	0.02	0.02	0.02	12.46	ppb
Barium	137-1	0.01	0.01	0.02	0.01	45.66	ppb
Beryllium	9-1	0.02	0.02	0.04	0.03	38.24	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.03	-0.03	-0.03	-0.03		ppb
Cadmium	106-1	-1.52	-2.20	-2.04	-1.92		ppb
Cadmium	111-1	-0.03	-0.04	-0.04	-0.04		ppb
Calcium	43-1	-0.42	-3.62	-8.17	-4.07		ppb
Calcium	44-1	0.18	0.97	0.66	0.60	65.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.05	0.02	0.04	52.32	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	130.86	ppb
Copper	63-2	-0.38	-0.37	-0.44	-0.40		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	1.24	1.26	1.42	1.31	7.30	ppb
Iron	57-2	0.18	0.79	0.67	0.55	58.81	ppb
Iron	54-2	0.83	1.27	0.96	1.02	21.81	ppb
Krypton	83-1						cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	CCB31	Instrumnet Name :	P7
Client Sample ID :	CCB31	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 18:40:39	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.00	0.02	0.03	0.02	65.43	ppb
Lead	207-1	0.02	0.02	0.02	0.02	5.39	ppb
Lead	208-1	0.02	0.02	0.03	0.02	23.25	ppb
Lithium	6-1				96		%
Magnesium	24-2	2.11	2.28	2.67	2.35	12.32	ppb
Manganese	55-2	0.06	0.07	0.07	0.07	12.25	ppb
Molybdenum	94-1	0.09	0.10	0.08	0.09	9.79	ppb
Molybdenum	95-1	0.07	0.05	0.06	0.06	17.44	ppb
Molybdenum	96-1	0.06	0.06	0.07	0.07	3.63	ppb
Molybdenum	97-1	0.06	0.07	0.05	0.06	14.17	ppb
Molybdenum	98-1	0.07	0.05	0.06	0.06	19.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.02	-0.02	0.00		ppb
Phosphorus	31-2	-17.26	-23.93	-21.77	-20.99		ppb
Potassium	39-2	1.48	2.45	0.86	1.60	50.16	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	-0.01	-0.23	0.51	0.09	426.33	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.76	-0.70	0.34	0.13	564.57	ppb
Silicon	28-1	-0.47	-0.50	-0.47	-0.48		ppb
Silver	107-1	0.01	0.01	0.01	0.01	22.99	ppb
Silver	109-1	0.01	0.01	0.01	0.01	24.52	ppb
Sodium	23-2	19.14	19.24	18.89	19.09	0.94	ppb
Strontium	86-1	0.08	0.09	0.11	0.09	18.11	ppb
Strontium	88-1	0.09	0.10	0.11	0.10	11.78	ppb
Sulfur	34-1	-1075.74	-1157.87	-1196.72	-1143.45		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.01	0.01	0.01	0.01	4.56	ppb
Titanium	47-1	0.04	0.03	0.07	0.05	43.69	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	CCB31	Instrumnet Name :	P7
Client Sample ID :	CCB31	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 18:40:39	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	-0.01	-0.01	0.00	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.01	0.01	92.90	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	0.06	0.14	0.04	0.08	64.27	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	28.21	ppb
Zirconium	91-1	0.01	0.02	0.01	0.01	49.87	ppb

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 14:44:46	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	227	200	217	214	6.28	cps
Antimony	121-1	193	163	197	184	9.95	cps
Arsenic	75-2	3	7	3	4	43.40	cps
Barium	135-1	33	13	27	24	41.66	cps
Barium	137-1	63	33	53	50	30.55	cps
Beryllium	9-1	100	93	147	113	25.64	cps
Bismuth	209-1	6542294	6601067	6534011	6559124	0.56	cps
Bismuth	209-2	4390708	4322174	4418554	4377145	1.13	cps
Bromine	81-1	11304	11431	11091	11276	1.53	cps
Bromine	81-2	147	150	163	153	5.75	cps
Cadmium	108-1	17	10	17	14	26.66	cps
Cadmium	106-1	4671	4874	4737	4761	2.18	cps
Cadmium	111-1	922	971	939	944	2.62	cps
Calcium	43-1	830	693	720	748	9.69	cps
Calcium	44-1	6808	6645	6958	6804	2.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1047	1120	1197	1121	6.69	cps
Cobalt	59-2	100	60	93	84	25.38	cps
Copper	63-2	5291	4838	5258	5129	4.93	cps
Dysprosium	156-1	3	3	3	3	0.00	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	97	73	80	83	14.43	cps
Erbium	164-2	87	43	50	60	38.89	cps
Gadolinium	160-1	53	37	63	51	26.35	cps
Gadolinium	160-2	383	380	333	366	7.65	cps
Holmium	165-1	10914692	10942219	11090910	10982607	0.86	cps
Holmium	165-2	6539467	6535254	6604262	6559661	0.59	cps
Indium	115-1	8445127	8375563	8415489	8412060	0.41	cps
Indium	115-2	2638936	2622008	2593007	2617984	0.89	cps
Iron	56-2	7739	8086	7792	7872	2.37	cps
Iron	57-2	1007	930	1027	988	5.17	cps
Iron	54-2	1310	1400	1353	1355	3.32	cps
Krypton	83-1	157	153	207	172	17.35	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 14:44:46	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	513	530	1237	760	54.36	cps
Lead	207-1	393	453	763	537	37.01	cps
Lead	208-1	2057	2180	3634	2624	33.44	cps
Lithium	6-1	2453431	2458895	2486859	2466395	0.73	cps
Magnesium	24-2	470	543	640	551	15.47	cps
Manganese	55-2	110	67	73	83	28.00	cps
Molybdenum	94-1	260	227	247	244	6.86	cps
Molybdenum	95-1	77	60	70	69	12.18	cps
Molybdenum	96-1	90	87	117	98	16.82	cps
Molybdenum	97-1	60	23	40	41	44.66	cps
Molybdenum	98-1	107	107	100	104	3.69	cps
Neodymium	150-1	10	3	0	4	114.60	cps
Neodymium	150-2	3	3	10	6	69.34	cps
Nickel	60-2	157	110	143	137	17.59	cps
Phosphorus	31-2	420	420	360	400	8.66	cps
Potassium	39-2	64486	63763	64188	64145	0.57	cps
Rhodium	103-1	7674920	7761259	7789822	7742000	0.77	cps
Rhodium	103-2	4154112	4160060	4186430	4166867	0.41	cps
Scandium	45-1	4901691	4994772	4927939	4941467	0.97	cps
Scandium	45-2	418300	419668	418324	418764	0.19	cps
Selenium	82-1	187	227	155	190	19.01	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	143	160	163	156	6.89	cps
Silicon	28-1	724329	738800	725844	729658	1.09	cps
Silver	107-1	107	70	137	104	31.97	cps
Silver	109-1	50	40	40	43	13.32	cps
Sodium	23-2	19659	19726	19296	19560	1.18	cps
Strontium	86-1	333	280	290	301	9.41	cps
Strontium	88-1	143	173	687	335	91.36	cps
Sulfur	34-1	288500	288799	288819	288706	0.06	cps
Terbium	159-1	11365380	11559459	11422856	11449232	0.87	cps
Terbium	159-2	6667299	6631736	6704046	6667694	0.54	cps
Thallium	203-1	113	107	433	218	85.75	cps
Thallium	205-1	267	270	1234	590	94.47	cps
Tin	118-1	857	763	813	811	5.76	cps
Titanium	47-1	83	60	150	98	47.77	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 14:44:46	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	73	80	617	257	121.50	cps
Vanadium	51-2	0	7	20	9	114.55	cps
Yttrium	89-1	13595346	13701456	13495545	13597449	0.76	cps
Yttrium	89-2	3134712	3082936	3135005	3117551	0.96	cps
Zinc	66-2	267	327	300	298	10.10	cps
Zirconium	90-1	557	557	567	560	1.03	cps
Zirconium	91-1	107	97	113	106	7.94	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 14:57:51	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4791	4614	4774	4726	2.06	cps
Antimony	121-1	16556	16676	17070	16768	1.60	cps
Arsenic	75-2	417	387	370	391	6.05	cps
Barium	135-1	22782	22605	22538	22641	0.56	cps
Barium	137-1	38198	38141	38388	38242	0.34	cps
Beryllium	9-1	2314	2424	2370	2369	2.32	cps
Bismuth	209-1	6568309	6540878	6679819	6596336	1.12	cps
Bismuth	209-2	4375057	4325316	4276595	4325656	1.14	cps
Bromine	81-1	10387	10340	10500	10409	0.79	cps
Bromine	81-2	170	127	153	150	14.57	cps
Cadmium	108-1	187	150	203	180	15.16	cps
Cadmium	106-1	5631	5301	5101	5344	5.01	cps
Cadmium	111-1	3276	3229	3145	3216	2.06	cps
Calcium	43-1	13369	13596	13423	13463	0.88	cps
Calcium	44-1	214229	213368	213991	213863	0.21	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7862	8132	8116	8037	1.88	cps
Cobalt	59-2	5548	5528	5328	5468	2.23	cps
Copper	63-2	12058	12445	12072	12192	1.80	cps
Dysprosium	156-1	10	7	13	10	33.30	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Erbium	164-1	70	77	107	84	23.13	cps
Erbium	164-2	70	43	50	54	25.49	cps
Gadolinium	160-1	73	53	50	59	21.43	cps
Gadolinium	160-2	403	367	353	374	6.91	cps
Holmium	165-1	10906019	10881713	11032254	10939995	0.74	cps
Holmium	165-2	6505287	6380577	6332500	6406121	1.39	cps
Indium	115-1	8260963	8194622	8450167	8301917	1.60	cps
Indium	115-2	2616787	2530231	2515244	2554087	2.15	cps
Iron	56-2	162760	162764	161867	162463	0.32	cps
Iron	57-2	5131	4964	5124	5073	1.86	cps
Iron	54-2	10040	9980	10230	10083	1.30	cps
Krypton	83-1	197	170	133	167	19.08	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 14:57:51	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6655	6895	7122	6891	3.39	cps
Lead	207-1	5711	5998	6208	5972	4.18	cps
Lead	208-1	27038	27474	27721	27411	1.26	cps
Lithium	6-1	2526618	2488316	2473488	2496141	1.10	cps
Magnesium	24-2	206072	204849	201211	204044	1.24	cps
Manganese	55-2	2647	2634	2570	2617	1.57	cps
Molybdenum	94-1	17437	17491	17177	17368	0.97	cps
Molybdenum	95-1	21710	20878	21222	21270	1.96	cps
Molybdenum	96-1	24123	23362	23339	23608	1.89	cps
Molybdenum	97-1	13333	13533	13483	13450	0.77	cps
Molybdenum	98-1	34651	33502	34444	34199	1.79	cps
Neodymium	150-1	3	13	7	8	65.47	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1443	1447	1460	1450	0.61	cps
Phosphorus	31-2	763	790	827	793	4.01	cps
Potassium	39-2	276888	273744	274060	274897	0.63	cps
Rhodium	103-1	7554526	7681991	7728748	7655088	1.18	cps
Rhodium	103-2	4144883	4088862	4081037	4104928	0.85	cps
Scandium	45-1	4878161	4820732	4952688	4883860	1.35	cps
Scandium	45-2	415304	409063	412595	412321	0.76	cps
Selenium	82-1	882	866	909	886	2.44	cps
Selenium	77-2	60	57	27	48	38.42	cps
Selenium	78-2	353	390	353	366	5.79	cps
Silicon	28-1	778091	775004	778133	777076	0.23	cps
Silver	107-1	10851	10851	10821	10841	0.16	cps
Silver	109-1	10451	10217	10174	10280	1.45	cps
Sodium	23-2	347605	343957	346986	346183	0.56	cps
Strontium	86-1	2867	2970	2997	2945	2.33	cps
Strontium	88-1	24110	24140	24731	24327	1.44	cps
Sulfur	34-1	298252	296544	300281	298359	0.63	cps
Terbium	159-1	11315978	11172803	11580377	11356386	1.82	cps
Terbium	159-2	6457072	6554168	6516032	6509091	0.75	cps
Thallium	203-1	8233	8239	8169	8214	0.47	cps
Thallium	205-1	19901	19434	19574	19636	1.22	cps
Tin	118-1	36670	37288	36643	36867	0.99	cps
Titanium	47-1	5955	5764	5991	5903	2.06	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 14:57:51	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	25668	25130	25291	25363	1.09	cps
Vanadium	51-2	14734	14741	14564	14679	0.68	cps
Yttrium	89-1	13289081	13361445	13575506	13408677	1.11	cps
Yttrium	89-2	3074720	3063309	3062918	3066982	0.22	cps
Zinc	66-2	3324	3167	3317	3269	2.71	cps
Zirconium	90-1	14984	15044	14884	14971	0.54	cps
Zirconium	91-1	3210	3350	3120	3227	3.59	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 15:01:06	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	217807	216228	214674	216236	0.72	cps
Antimony	121-1	422088	414581	417185	417951	0.91	cps
Arsenic	75-2	18391	18398	18572	18454	0.55	cps
Barium	135-1	557912	550122	548971	552335	0.88	cps
Barium	137-1	973243	954099	950282	959208	1.28	cps
Beryllium	9-1	108854	108673	106210	107912	1.37	cps
Bismuth	209-1	6331302	6645854	6505956	6494371	2.43	cps
Bismuth	209-2	4209747	4336638	4299218	4281868	1.52	cps
Bromine	81-1	9430	9543	9186	9386	1.94	cps
Bromine	81-2	47	43	37	42	12.06	cps
Cadmium	108-1	8516	8689	8543	8583	1.09	cps
Cadmium	106-1	17167	16836	16740	16914	1.32	cps
Cadmium	111-1	106519	108014	107070	107201	0.71	cps
Calcium	43-1	141048	141004	139124	140392	0.78	cps
Calcium	44-1	2049947	1982677	1979732	2004119	1.98	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	164463	163401	163856	163906	0.33	cps
Cobalt	59-2	244941	245442	240447	243610	1.13	cps
Copper	63-2	1697497	1753343	1706731	1719191	1.74	cps
Dysprosium	156-1	50	43	37	43	15.38	cps
Dysprosium	156-2	40	27	57	41	36.56	cps
Erbium	164-1	67	113	87	89	26.33	cps
Erbium	164-2	47	73	73	64	23.88	cps
Gadolinium	160-1	53	57	83	64	25.51	cps
Gadolinium	160-2	330	380	380	363	7.94	cps
Holmium	165-1	10467893	10912329	10791926	10724049	2.14	cps
Holmium	165-2	6290046	6438871	6316620	6348513	1.25	cps
Indium	115-1	7799883	8118925	8065956	7994921	2.14	cps
Indium	115-2	2474211	2446248	2446878	2455779	0.65	cps
Iron	56-2	6897647	6888477	6903137	6896420	0.11	cps
Iron	57-2	187478	187748	185969	187065	0.51	cps
Iron	54-2	424633	416607	420292	420511	0.96	cps
Krypton	83-1	217	127	133	159	31.56	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 15:01:06	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1655643	1653653	1653636	1654311	0.07	cps
Lead	207-1	1461354	1476784	1467806	1468648	0.53	cps
Lead	208-1	6840002	6898185	6772943	6837043	0.92	cps
Lithium	6-1	2396679	2468784	2411668	2425710	1.57	cps
Magnesium	24-2	1930218	1938937	1892520	1920558	1.28	cps
Manganese	55-2	1208183	1195815	1198317	1200771	0.54	cps
Molybdenum	94-1	1494373	1475211	1506255	1491946	1.05	cps
Molybdenum	95-1	2178641	2121964	2153564	2151390	1.32	cps
Molybdenum	96-1	2367037	2345915	2319935	2344296	1.01	cps
Molybdenum	97-1	1385831	1368638	1364771	1373080	0.82	cps
Molybdenum	98-1	3505224	3483120	3448626	3478990	0.82	cps
Neodymium	150-1	57	70	60	62	11.15	cps
Neodymium	150-2	20	20	23	21	9.11	cps
Nickel	60-2	63507	63273	62275	63018	1.04	cps
Phosphorus	31-2	11768	11261	11348	11459	2.37	cps
Potassium	39-2	1106871	1097426	1099104	1101134	0.46	cps
Rhodium	103-1	7234119	7337126	7399639	7323628	1.14	cps
Rhodium	103-2	3934361	3911623	3858952	3901645	0.99	cps
Scandium	45-1	4582508	4655773	4752946	4663742	1.83	cps
Scandium	45-2	396535	394449	390062	393682	0.84	cps
Selenium	82-1	6812	7113	6967	6964	2.16	cps
Selenium	77-2	600	600	517	572	8.41	cps
Selenium	78-2	1987	2197	2220	2135	6.02	cps
Silicon	28-1	4409719	4369763	4312809	4364097	1.12	cps
Silver	107-1	548365	548830	539225	545473	0.99	cps
Silver	109-1	522307	516207	515419	517978	0.73	cps
Sodium	23-2	3115198	3111609	3084099	3103635	0.55	cps
Strontium	86-1	3448554	3451758	3399705	3433339	0.85	cps
Strontium	88-1	30090360	29617752	29347742	29685285	1.27	cps
Sulfur	34-1	324049	323994	321279	323107	0.49	cps
Terbium	159-1	10956924	11300205	11139249	11132126	1.54	cps
Terbium	159-2	6366116	6452378	6377664	6398720	0.73	cps
Thallium	203-1	411212	414690	408260	411387	0.78	cps
Thallium	205-1	967115	974489	971865	971156	0.38	cps
Tin	118-1	359455	357616	360843	359304	0.45	cps
Titanium	47-1	555296	545645	538916	546619	1.51	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 15:01:06	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1299760	1307260	1291710	1299577	0.60	cps
Vanadium	51-2	142848	143080	139366	141765	1.47	cps
Yttrium	89-1	12594615	13103091	12959747	12885818	2.03	cps
Yttrium	89-2	2973680	2887785	2881705	2914390	1.76	cps
Zinc	66-2	293251	289793	287135	290060	1.06	cps
Zirconium	90-1	737663	726780	724420	729621	0.97	cps
Zirconium	91-1	161983	162435	162745	162388	0.24	cps

LB Number : LB128774 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired : 2023-12-12 15:04:12 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	518674	512106	518554	516445	0.73	cps
Antimony	121-1	1009737	1012595	1016248	1012860	0.32	cps
Arsenic	75-2	44560	42952	44132	43881	1.90	cps
Barium	135-1	1348262	1337254	1350965	1345494	0.54	cps
Barium	137-1	2414017	2381855	2383012	2392961	0.76	cps
Beryllium	9-1	255208	256770	254714	255564	0.42	cps
Bismuth	209-1	5975687	6605250	6360876	6313938	5.03	cps
Bismuth	209-2	4232058	4195533	4167291	4198294	0.77	cps
Bromine	81-1	8469	8242	8326	8346	1.37	cps
Bromine	81-2	57	40	47	48	17.56	cps
Cadmium	108-1	20304	20762	20111	20392	1.64	cps
Cadmium	106-1	33091	33078	33315	33161	0.40	cps
Cadmium	111-1	259644	259232	258629	259168	0.20	cps
Calcium	43-1	327997	325076	325352	326142	0.49	cps
Calcium	44-1	4738566	4702972	4668513	4703350	0.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	392600	386409	382698	387236	1.29	cps
Cobalt	59-2	581062	580382	577653	579699	0.31	cps
Copper	63-2	4054669	3990619	4023027	4022772	0.80	cps
Dysprosium	156-1	90	100	97	96	5.33	cps
Dysprosium	156-2	97	107	90	98	8.58	cps
Erbium	164-1	80	140	87	102	32.17	cps
Erbium	164-2	43	50	33	42	19.87	cps
Gadolinium	160-1	107	87	103	99	10.83	cps
Gadolinium	160-2	350	417	317	361	14.10	cps
Holmium	165-1	10056800	10838936	10347949	10414562	3.80	cps
Holmium	165-2	6373981	6116306	6117107	6202465	2.39	cps
Indium	115-1	7279089	7834373	7501384	7538282	3.71	cps
Indium	115-2	2386911	2302437	2320222	2336523	1.91	cps
Iron	56-2	16619388	16514227	16432144	16521920	0.57	cps
Iron	57-2	448156	448339	443901	446799	0.56	cps
Iron	54-2	996627	992759	990124	993170	0.33	cps
Krypton	83-1	123	127	130	127	2.63	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 15:04:12	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4355816	4275017	4367012	4332615	1.16	cps
Lead	207-1	3907168	3897493	3941924	3915528	0.60	cps
Lead	208-1	17381617	17397510	17662425	17480517	0.90	cps
Lithium	6-1	2202316	2391718	2274036	2289357	4.18	cps
Magnesium	24-2	4533560	4647593	4615360	4598837	1.28	cps
Manganese	55-2	2766080	2739274	2748266	2751207	0.50	cps
Molybdenum	94-1	3583689	3572230	3558289	3571403	0.36	cps
Molybdenum	95-1	5158408	5146116	5053676	5119400	1.12	cps
Molybdenum	96-1	5563520	5549537	5447832	5520296	1.14	cps
Molybdenum	97-1	3189902	3176461	3143456	3169940	0.75	cps
Molybdenum	98-1	8331233	8249967	8247649	8276283	0.58	cps
Neodymium	150-1	123	120	120	121	1.59	cps
Neodymium	150-2	43	33	20	32	36.33	cps
Nickel	60-2	147133	145427	147961	146840	0.88	cps
Phosphorus	31-2	26824	26399	26273	26499	1.09	cps
Potassium	39-2	2361179	2332943	2357251	2350458	0.65	cps
Rhodium	103-1	6617167	7061441	6610816	6763141	3.82	cps
Rhodium	103-2	3841127	3736646	3685573	3754449	2.11	cps
Scandium	45-1	4161513	4482336	4220358	4288069	3.98	cps
Scandium	45-2	377164	364670	368836	370223	1.72	cps
Selenium	82-1	16770	16677	16500	16649	0.82	cps
Selenium	77-2	1380	1440	1443	1421	2.51	cps
Selenium	78-2	4764	4794	4747	4769	0.50	cps
Silicon	28-1	8907589	8905936	8812958	8875494	0.61	cps
Silver	107-1	1302236	1300217	1295507	1299320	0.27	cps
Silver	109-1	1247753	1230986	1244067	1240935	0.71	cps
Sodium	23-2	7289407	7407416	7423264	7373362	0.99	cps
Strontium	86-1	8097930	8137938	8131950	8122606	0.27	cps
Strontium	88-1	71713204	71330911	71323206	71455773	0.31	cps
Sulfur	34-1	355149	352860	349809	352606	0.76	cps
Terbium	159-1	10371645	11254389	10783744	10803259	4.09	cps
Terbium	159-2	6360051	6244066	6161691	6255270	1.59	cps
Thallium	203-1	1035960	1024921	1031149	1030676	0.54	cps
Thallium	205-1	2550342	2558076	2561246	2556554	0.22	cps
Tin	118-1	870974	867007	867586	868522	0.25	cps
Titanium	47-1	1267143	1245559	1262027	1258243	0.90	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 15:04:12	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3467666	3518488	3595913	3527356	1.83	cps
Vanadium	51-2	337845	335597	335392	336278	0.40	cps
Yttrium	89-1	11882218	12571108	12079032	12177452	2.91	cps
Yttrium	89-2	2846297	2735378	2740415	2774030	2.26	cps
Zinc	66-2	698724	691532	685536	691930	0.95	cps
Zirconium	90-1	1717799	1718174	1729769	1721914	0.40	cps
Zirconium	91-1	389874	390470	388853	389733	0.21	cps

LB Number : LB128774 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired : 2023-12-12 15:07:06 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1030367	1019550	1015144	1021687	0.77	cps
Antimony	121-1	1952282	2002951	1988312	1981182	1.32	cps
Arsenic	75-2	86242	86389	85702	86111	0.42	cps
Barium	135-1	2681298	2719677	2750484	2717153	1.28	cps
Barium	137-1	4649401	4683414	4719103	4683973	0.74	cps
Beryllium	9-1	489174	490073	491147	490131	0.20	cps
Bismuth	209-1	6327805	6546748	6637758	6504104	2.45	cps
Bismuth	209-2	4313120	4029599	4014218	4118979	4.09	cps
Bromine	81-1	8106	8006	8066	8059	0.62	cps
Bromine	81-2	43	43	43	43	0.00	cps
Cadmium	108-1	39741	39858	39794	39798	0.15	cps
Cadmium	106-1	58979	60579	59886	59815	1.34	cps
Cadmium	111-1	494824	503304	511342	503157	1.64	cps
Calcium	43-1	618961	633188	632543	628231	1.28	cps
Calcium	44-1	8902758	9054723	9112618	9023366	1.20	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	765630	760175	761671	762492	0.37	cps
Cobalt	59-2	1148550	1140224	1137805	1142193	0.49	cps
Copper	63-2	7833656	7769971	7809141	7804256	0.41	cps
Dysprosium	156-1	140	113	147	133	13.23	cps
Dysprosium	156-2	193	127	190	170	22.10	cps
Erbium	164-1	137	87	83	102	29.23	cps
Erbium	164-2	63	70	53	62	13.48	cps
Gadolinium	160-1	190	150	167	169	11.90	cps
Gadolinium	160-2	433	437	413	428	2.95	cps
Holmium	165-1	10475652	10804985	10920659	10733765	2.15	cps
Holmium	165-2	6324303	6019066	6048709	6130692	2.75	cps
Indium	115-1	7302266	7580302	7683538	7522035	2.62	cps
Indium	115-2	2392984	2270078	2241910	2301658	3.49	cps
Iron	56-2	32567467	32674716	32631212	32624465	0.17	cps
Iron	57-2	878597	880407	880209	879738	0.11	cps
Iron	54-2	1871388	1844333	1839845	1851855	0.92	cps
Krypton	83-1	130	143	137	137	4.88	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 15:07:06	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8534326	8840998	8827336	8734220	1.98	cps
Lead	207-1	7639191	7897322	8010616	7849043	2.43	cps
Lead	208-1	34384819	35302395	35884584	35190599	2.15	cps
Lithium	6-1	2323267	2334066	2325409	2327581	0.25	cps
Magnesium	24-2	9118430	9183977	9050502	9117636	0.73	cps
Manganese	55-2	5514285	5496811	5389788	5466961	1.23	cps
Molybdenum	94-1	6846237	6917393	6865156	6876262	0.54	cps
Molybdenum	95-1	9862371	9856438	9962334	9893714	0.60	cps
Molybdenum	96-1	10724224	10940600	10920774	10861866	1.10	cps
Molybdenum	97-1	6149626	6321279	6254679	6241861	1.39	cps
Molybdenum	98-1	15982541	16110266	16354328	16149045	1.17	cps
Neodymium	150-1	230	223	260	238	8.22	cps
Neodymium	150-2	40	63	60	54	23.18	cps
Nickel	60-2	293248	290334	288625	290736	0.80	cps
Phosphorus	31-2	51513	51767	50921	51400	0.84	cps
Potassium	39-2	4556466	4506770	4538339	4533858	0.55	cps
Rhodium	103-1	6496492	6774405	6778826	6683241	2.42	cps
Rhodium	103-2	3796878	3562933	3615165	3658325	3.36	cps
Scandium	45-1	4169431	4204788	4273387	4215869	1.25	cps
Scandium	45-2	383769	355762	356826	365452	4.34	cps
Selenium	82-1	31521	31808	31600	31643	0.47	cps
Selenium	77-2	2957	2954	2730	2880	4.51	cps
Selenium	78-2	8929	9376	9220	9175	2.47	cps
Silicon	28-1	15963124	16040262	15940819	15981402	0.33	cps
Silver	107-1	2482878	2487209	2510572	2493553	0.60	cps
Silver	109-1	2359919	2382674	2424280	2388958	1.37	cps
Sodium	23-2	14784771	14678081	14803550	14755467	0.46	cps
Strontium	86-1	15750869	15842226	15802386	15798493	0.29	cps
Strontium	88-1	136220405	139695268	140605318	138840330	1.67	cps
Sulfur	34-1	410739	405171	400617	405509	1.25	cps
Terbium	159-1	10708448	11032971	11244907	10995442	2.46	cps
Terbium	159-2	6458668	6051132	6066022	6191941	3.73	cps
Thallium	203-1	2145186	2189058	2202463	2178902	1.37	cps
Thallium	205-1	5049086	5207590	5221693	5159456	1.86	cps
Tin	118-1	1681744	1692316	1712751	1695604	0.93	cps
Titanium	47-1	2400484	2419143	2437859	2419162	0.77	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 15:07:06	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7076716	7381791	7331175	7263227	2.25	cps
Vanadium	51-2	662785	662895	662472	662717	0.03	cps
Yttrium	89-1	11728441	12029246	12415081	12057589	2.85	cps
Yttrium	89-2	2833630	2684401	2698144	2738725	3.01	cps
Zinc	66-2	1352675	1348445	1341017	1347379	0.44	cps
Zirconium	90-1	3324929	3402102	3406650	3377894	1.36	cps
Zirconium	91-1	750300	763090	764137	759176	1.01	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 15:09:55	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1905730	1966507	1922766	1931668	1.62	cps
Antimony	121-1	3852975	3983639	3970997	3935870	1.83	cps
Arsenic	75-2	170041	168848	169441	169444	0.35	cps
Barium	135-1	5278339	5345369	5341039	5321582	0.70	cps
Barium	137-1	9291322	9318223	9384110	9331218	0.51	cps
Beryllium	9-1	936488	937007	936945	936813	0.03	cps
Bismuth	209-1	6636114	6620984	6660256	6639118	0.30	cps
Bismuth	209-2	3912344	4157551	4072763	4047552	3.08	cps
Bromine	81-1	8696	8316	8152	8388	3.33	cps
Bromine	81-2	60	80	53	64	21.54	cps
Cadmium	108-1	76695	78746	76681	77374	1.54	cps
Cadmium	106-1	111701	113163	113361	112742	0.80	cps
Cadmium	111-1	981087	981466	995172	985908	0.81	cps
Calcium	43-1	1215041	1228439	1228269	1223916	0.63	cps
Calcium	44-1	17376826	17610474	17555996	17514432	0.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1465240	1438063	1441472	1448258	1.02	cps
Cobalt	59-2	2241603	2195444	2233013	2223354	1.10	cps
Copper	63-2	15355091	15061375	15047662	15154710	1.15	cps
Dysprosium	156-1	297	367	327	330	10.64	cps
Dysprosium	156-2	347	367	413	376	9.11	cps
Erbium	164-1	180	180	133	164	16.38	cps
Erbium	164-2	80	97	73	83	14.43	cps
Gadolinium	160-1	287	327	353	322	10.41	cps
Gadolinium	160-2	457	440	490	462	5.51	cps
Holmium	165-1	10990925	10909717	10958213	10952951	0.37	cps
Holmium	165-2	5924094	6240940	6247803	6137612	3.01	cps
Indium	115-1	7684781	7552310	7518687	7585259	1.16	cps
Indium	115-2	2156823	2271722	2232920	2220488	2.63	cps
Iron	56-2	65613352	64274502	64886067	64924641	1.03	cps
Iron	57-2	1677806	1610721	1640503	1643010	2.05	cps
Iron	54-2	3648534	3640927	3651424	3646962	0.15	cps
Krypton	83-1	157	160	110	142	19.66	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 15:09:55	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	17481816	17567189	17389487	17479497	0.51	cps
Lead	207-1	15645211	15702571	15724671	15690818	0.26	cps
Lead	208-1	70417902	70961746	70531536	70637061	0.41	cps
Lithium	6-1	2305589	2289764	2272804	2289385	0.72	cps
Magnesium	24-2	17971824	17836451	17906851	17905042	0.38	cps
Manganese	55-2	10757490	10816086	10803163	10792246	0.29	cps
Molybdenum	94-1	13592603	13891430	13805614	13763216	1.12	cps
Molybdenum	95-1	19511426	19668000	19807249	19662225	0.75	cps
Molybdenum	96-1	21544688	21510765	21289826	21448426	0.65	cps
Molybdenum	97-1	12262685	12460072	12378324	12367027	0.80	cps
Molybdenum	98-1	31432242	32213385	32129557	31925061	1.34	cps
Neodymium	150-1	487	510	517	504	3.12	cps
Neodymium	150-2	93	127	127	116	16.66	cps
Nickel	60-2	568980	561905	564216	565034	0.64	cps
Phosphorus	31-2	101802	101490	99605	100966	1.18	cps
Potassium	39-2	8942734	8999314	8857163	8933070	0.80	cps
Rhodium	103-1	6626746	6611605	6597008	6611786	0.22	cps
Rhodium	103-2	3381764	3593953	3567372	3514363	3.29	cps
Scandium	45-1	4204018	4194853	4111764	4170211	1.22	cps
Scandium	45-2	343453	365826	355085	354788	3.15	cps
Selenium	82-1	61360	61971	61711	61680	0.50	cps
Selenium	77-2	5398	5491	5351	5413	1.32	cps
Selenium	78-2	18151	17954	18088	18064	0.56	cps
Silicon	28-1	29883320	29403978	29292042	29526447	1.06	cps
Silver	107-1	4817806	4813273	4849239	4826773	0.41	cps
Silver	109-1	4611980	4615121	4618152	4615084	0.07	cps
Sodium	23-2	28932790	29088762	29052914	29024822	0.28	cps
Strontium	86-1	31340092	31285710	31474413	31366738	0.31	cps
Strontium	88-1	272970863	277625396	279094503	276563587	1.16	cps
Sulfur	34-1	543359	538575	530670	537535	1.19	cps
Terbium	159-1	11182567	11336576	11200931	11240025	0.75	cps
Terbium	159-2	5963387	6224219	6269283	6152297	2.68	cps
Thallium	203-1	4325749	4414684	4357483	4365972	1.03	cps
Thallium	205-1	10326247	10325325	10263277	10304950	0.35	cps
Tin	118-1	3293647	3393274	3384363	3357095	1.64	cps
Titanium	47-1	4673088	4666231	4697627	4678982	0.35	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 15:09:55	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14332666	14687061	14547219	14522315	1.23	cps
Vanadium	51-2	1316309	1315523	1299329	1310387	0.73	cps
Yttrium	89-1	12108473	12397019	12160737	12222076	1.26	cps
Yttrium	89-2	2635805	2787397	2680668	2701290	2.88	cps
Zinc	66-2	2575060	2554846	2538020	2555975	0.73	cps
Zirconium	90-1	6578905	6676359	6652204	6635823	0.76	cps
Zirconium	91-1	1477666	1515378	1472662	1488569	1.57	cps

LB Number : LB128774 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired : 2023-12-12 15:12:40 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3809418	3839636	3806612	3818555	0.48	cps
Antimony	121-1	7538637	7766647	7773569	7692951	1.74	cps
Arsenic	75-2	332823	333281	330748	332284	0.41	cps
Barium	135-1	10511057	10575066	10756331	10614151	1.20	cps
Barium	137-1	18188717	18616933	18665870	18490507	1.42	cps
Beryllium	9-1	1691950	1735141	1713148	1713413	1.26	cps
Bismuth	209-1	6402187	6457339	6522980	6460836	0.94	cps
Bismuth	209-2	4029162	4075281	4004520	4036321	0.89	cps
Bromine	81-1	8496	8899	8876	8757	2.59	cps
Bromine	81-2	107	93	93	98	7.88	cps
Cadmium	108-1	147113	149784	149457	148785	0.98	cps
Cadmium	106-1	212018	216158	215122	214433	1.00	cps
Cadmium	111-1	1880060	1872137	1906228	1886142	0.95	cps
Calcium	43-1	2275963	2308125	2306923	2297004	0.79	cps
Calcium	44-1	33996556	34723586	34887531	34535891	1.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2897136	2882182	2842783	2874034	0.98	cps
Cobalt	59-2	4230624	4277753	4250618	4252998	0.56	cps
Copper	63-2	29260052	29503292	29470691	29411345	0.45	cps
Dysprosium	156-1	590	600	660	617	6.14	cps
Dysprosium	156-2	787	650	770	736	10.14	cps
Erbium	164-1	297	233	250	260	12.63	cps
Erbium	164-2	110	153	157	140	18.60	cps
Gadolinium	160-1	473	603	537	538	12.09	cps
Gadolinium	160-2	637	667	687	663	3.79	cps
Holmium	165-1	10846885	10852223	11131610	10943573	1.49	cps
Holmium	165-2	6341173	6267457	6243361	6283997	0.81	cps
Indium	115-1	7377346	7385407	7481415	7414723	0.78	cps
Indium	115-2	2248178	2269431	2243176	2253595	0.62	cps
Iron	56-2	126182348	127991715	124206045	126126703	1.50	cps
Iron	57-2	3164186	3235167	3160521	3186625	1.32	cps
Iron	54-2	7206961	7179714	7047711	7144795	1.19	cps
Krypton	83-1	157	133	193	161	18.77	cps

LB Number : LB128774 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired : 2023-12-12 15:12:40 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	33917488	34930377	34867313	34571726	1.64	cps
Lead	207-1	30167436	31096093	31173035	30812188	1.82	cps
Lead	208-1	136528213	139676237	139364284	138522911	1.25	cps
Lithium	6-1	2306692	2306103	2220187	2277661	2.19	cps
Magnesium	24-2	34765787	34901687	34677876	34781783	0.32	cps
Manganese	55-2	21316131	21356325	20873412	21181956	1.27	cps
Molybdenum	94-1	26646756	27106311	27258140	27003736	1.18	cps
Molybdenum	95-1	38308114	39056009	39467970	38944031	1.51	cps
Molybdenum	96-1	41813835	42803759	43329079	42648891	1.80	cps
Molybdenum	97-1	24333268	24817422	24762409	24637700	1.08	cps
Molybdenum	98-1	62973166	63262194	63569896	63268419	0.47	cps
Neodymium	150-1	990	853	1070	971	11.28	cps
Neodymium	150-2	240	173	170	194	20.31	cps
Nickel	60-2	1085271	1086688	1089044	1087001	0.18	cps
Phosphorus	31-2	196565	195033	196278	195959	0.42	cps
Potassium	39-2	17323359	17510279	17571136	17468258	0.74	cps
Rhodium	103-1	6546162	6511230	6409750	6489047	1.09	cps
Rhodium	103-2	3545880	3540265	3506263	3530803	0.61	cps
Scandium	45-1	4121153	4152642	4122036	4131944	0.43	cps
Scandium	45-2	362076	367232	361909	363739	0.83	cps
Selenium	82-1	116550	119082	119266	118300	1.28	cps
Selenium	77-2	10380	10554	9967	10300	2.93	cps
Selenium	78-2	34306	34811	35339	34819	1.48	cps
Silicon	28-1	55384676	55060481	54932506	55125888	0.42	cps
Silver	107-1	9301271	9357228	9528083	9395528	1.26	cps
Silver	109-1	8779423	8873172	8956480	8869691	1.00	cps
Sodium	23-2	56574846	57162036	56384849	56707244	0.71	cps
Strontium	86-1	61343694	62332459	62816952	62164369	1.21	cps
Strontium	88-1	544706165	548849445	547838125	547131245	0.39	cps
Sulfur	34-1	835453	840665	845546	840554	0.60	cps
Terbium	159-1	11092832	11207616	11232345	11177597	0.67	cps
Terbium	159-2	6342626	6359920	6272344	6324963	0.73	cps
Thallium	203-1	8447808	8528351	8620409	8532189	1.01	cps
Thallium	205-1	19809746	20488521	20635708	20311325	2.17	cps
Tin	118-1	6492635	6615543	6650073	6586084	1.26	cps
Titanium	47-1	9086378	9342252	9307200	9245276	1.50	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 15:12:40	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	27900125	29122975	29592563	28871887	3.03	cps
Vanadium	51-2	2547294	2531558	2489287	2522713	1.19	cps
Yttrium	89-1	12143963	12128965	12233624	12168850	0.47	cps
Yttrium	89-2	2785898	2755494	2683358	2741583	1.92	cps
Zinc	66-2	4831107	4842926	4889291	4854441	0.63	cps
Zirconium	90-1	12919011	13240415	13390389	13183272	1.83	cps
Zirconium	91-1	2890851	2962544	2975867	2943088	1.55	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 15:15:28	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17366967	17277619	17246121	17296903	0.36	cps
Antimony	121-1	7892	7882	8199	7991	2.25	cps
Arsenic	75-2	193	140	150	161	17.60	cps
Barium	135-1	7679	7282	6892	7284	5.40	cps
Barium	137-1	13380	12599	12155	12711	4.88	cps
Beryllium	9-1	880	767	720	789	10.43	cps
Bismuth	209-1	5364231	5372243	5167536	5301337	2.19	cps
Bismuth	209-2	3473439	3417913	3459745	3450366	0.84	cps
Bromine	81-1	11084	11805	12395	11761	5.58	cps
Bromine	81-2	660	650	713	674	5.05	cps
Cadmium	108-1	157	157	143	152	5.06	cps
Cadmium	106-1	4387	4427	4407	4407	0.45	cps
Cadmium	111-1	2318	2129	2155	2201	4.65	cps
Calcium	43-1	9543469	9735283	9656207	9644987	1.00	cps
Calcium	44-1	153329404	154626848	155054354	154336869	0.58	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11958	12495	12298	12251	2.22	cps
Cobalt	59-2	12569	12716	12522	12602	0.80	cps
Copper	63-2	12469	11661	11371	11834	4.81	cps
Dysprosium	156-1	1897	1774	1753	1808	4.29	cps
Dysprosium	156-2	1127	1157	1067	1117	4.10	cps
Erbium	164-1	313	257	260	277	11.49	cps
Erbium	164-2	157	147	140	148	5.68	cps
Gadolinium	160-1	1817	2000	1873	1897	4.95	cps
Gadolinium	160-2	1600	1527	1350	1492	8.61	cps
Holmium	165-1	9964993	9857687	9646888	9823189	1.65	cps
Holmium	165-2	5740594	5720044	5722560	5727732	0.20	cps
Indium	115-1	6809924	6837761	6654954	6767546	1.46	cps
Indium	115-2	2092687	2090380	2106367	2096478	0.41	cps
Iron	56-2	563880432	562195192	562541298	562872307	0.16	cps
Iron	57-2	14008590	14008575	14146520	14054562	0.57	cps
Iron	54-2	30970384	31032710	31326959	31110018	0.61	cps
Krypton	83-1	163	140	190	164	15.21	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 15:15:28	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	20953	20252	18149	19785	7.38	cps
Lead	207-1	17875	17668	16036	17193	5.86	cps
Lead	208-1	82883	79765	73171	78606	6.31	cps
Lithium	6-1	2135429	2155903	2114440	2135257	0.97	cps
Magnesium	24-2	162450044	159840661	163347861	161879522	1.13	cps
Manganese	55-2	13670	13056	12402	13042	4.86	cps
Molybdenum	94-1	11815	11978	10764	11519	5.72	cps
Molybdenum	95-1	15472	15685	14808	15321	2.99	cps
Molybdenum	96-1	21656	20905	19253	20605	5.97	cps
Molybdenum	97-1	9787	9076	8319	9061	8.10	cps
Molybdenum	98-1	23900	23195	20691	22595	7.46	cps
Neodymium	150-1	310	413	290	338	19.60	cps
Neodymium	150-2	177	177	147	167	10.39	cps
Nickel	60-2	4497	4521	4417	4478	1.21	cps
Phosphorus	31-2	453	513	470	479	6.47	cps
Potassium	39-2	80852562	80007307	80929090	80596320	0.63	cps
Rhodium	103-1	5767322	5713301	5626927	5702517	1.24	cps
Rhodium	103-2	3093605	3065848	3077516	3078990	0.45	cps
Scandium	45-1	3987572	4028072	4003898	4006514	0.51	cps
Scandium	45-2	342888	342173	342810	342624	0.11	cps
Selenium	82-1	786	807	830	808	2.71	cps
Selenium	77-2	33	53	40	42	24.12	cps
Selenium	78-2	293	313	303	303	3.30	cps
Silicon	28-1	810167	829094	814765	818008	1.21	cps
Silver	107-1	4011	3737	3200	3649	11.29	cps
Silver	109-1	3874	3520	3300	3565	8.12	cps
Sodium	23-2	258183643	257153656	259764263	258367187	0.51	cps
Strontium	86-1	20872	19506	16489	18956	11.83	cps
Strontium	88-1	178668	167991	142706	163122	11.32	cps
Sulfur	34-1	196665	204503	206905	202691	2.64	cps
Terbium	159-1	10149851	10078029	9949012	10058964	1.01	cps
Terbium	159-2	5725633	5713822	5795765	5745073	0.77	cps
Thallium	203-1	4234	3701	3144	3693	14.76	cps
Thallium	205-1	9443	9187	7626	8752	11.24	cps
Tin	118-1	6141	6071	5731	5981	3.67	cps
Titanium	47-1	3387	3277	2967	3210	6.79	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 15:15:28	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13040	12006	11225	12090	7.53	cps
Vanadium	51-2	823	917	853	864	5.51	cps
Yttrium	89-1	11263574	11317549	10982201	11187775	1.61	cps
Yttrium	89-2	2586606	2542020	2558289	2562305	0.88	cps
Zinc	66-2	5991	6081	6055	6042	0.77	cps
Zirconium	90-1	8683	8436	8079	8399	3.61	cps
Zirconium	91-1	1983	1860	1873	1906	3.55	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	ICV16	Instrumnet Name :	P7
Client Sample ID :	ICV16	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 15:43:49	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	141741	141868	141751	141787	0.05	cps
Antimony	121-1	1513175	1545208	1540985	1533123	1.14	cps
Arsenic	75-2	69441	69237	68648	69109	0.60	cps
Barium	135-1	205507	206566	208761	206945	0.80	cps
Barium	137-1	354742	363089	363438	360423	1.37	cps
Beryllium	9-1	197565	198935	197291	197930	0.45	cps
Bismuth	209-1	6496965	6508516	6406287	6470590	0.87	cps
Bismuth	209-2	4217115	4290810	4268624	4258850	0.89	cps
Bromine	81-1	9090	9063	8579	8911	3.22	cps
Bromine	81-2	40	47	50	46	11.18	cps
Cadmium	108-1	24354	25002	24828	24728	1.36	cps
Cadmium	106-1	40730	40927	39995	40551	1.21	cps
Cadmium	111-1	201132	203360	203799	202764	0.71	cps
Calcium	43-1	50570	51159	49958	50563	1.19	cps
Calcium	44-1	769013	769872	773337	770741	0.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	312211	309982	308295	310163	0.63	cps
Cobalt	59-2	466070	462244	463983	464099	0.41	cps
Copper	63-2	324459	323788	320884	323044	0.59	cps
Dysprosium	156-1	30	17	30	26	30.11	cps
Dysprosium	156-2	10	20	20	17	34.64	cps
Erbium	164-1	110	50	87	82	36.79	cps
Erbium	164-2	20	63	27	37	63.63	cps
Gadolinium	160-1	43	53	57	51	13.58	cps
Gadolinium	160-2	327	327	380	344	8.94	cps
Holmium	165-1	10523138	10565229	10575065	10554478	0.26	cps
Holmium	165-2	6323979	6345234	6253350	6307521	0.76	cps
Indium	115-1	7827568	7795338	7816704	7813204	0.21	cps
Indium	115-2	2391691	2431518	2420052	2414420	0.85	cps
Iron	56-2	5169628	5175102	5109810	5151514	0.70	cps
Iron	57-2	138168	138185	138471	138275	0.12	cps
Iron	54-2	318405	316150	317011	317189	0.36	cps
Krypton	83-1	140	170	110	140	21.43	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	ICV16	Instrumnet Name :	P7
Client Sample ID :	ICV16	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 15:43:49	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1274439	1302349	1324966	1300585	1.95	cps
Lead	207-1	1083343	1111489	1114081	1102971	1.55	cps
Lead	208-1	5186528	5302849	5246905	5245427	1.11	cps
Lithium	6-1	2406289	2408968	2413811	2409689	0.16	cps
Magnesium	24-2	426429	425066	429213	426903	0.50	cps
Manganese	55-2	227256	229117	229300	228558	0.49	cps
Molybdenum	94-1	13597174	13686417	13628761	13637450	0.33	cps
Molybdenum	95-1	19364047	19441293	19381879	19395740	0.21	cps
Molybdenum	96-1	21333483	21189451	21261006	21261313	0.34	cps
Molybdenum	97-1	12304158	12274929	12270661	12283250	0.15	cps
Molybdenum	98-1	31210302	31735087	31408875	31451421	0.84	cps
Neodymium	150-1	37	33	20	30	29.40	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	121191	120573	119981	120582	0.50	cps
Phosphorus	31-2	407	387	403	399	2.69	cps
Potassium	39-2	811011	811441	800244	807566	0.79	cps
Rhodium	103-1	7182818	7246120	7132972	7187303	0.79	cps
Rhodium	103-2	3815687	3829231	3850987	3831968	0.46	cps
Scandium	45-1	4555265	4508738	4509285	4524429	0.59	cps
Scandium	45-2	387962	387334	385679	386992	0.30	cps
Selenium	82-1	25170	25852	26012	25678	1.74	cps
Selenium	77-2	2160	2370	2237	2256	4.71	cps
Selenium	78-2	7609	7725	7712	7682	0.83	cps
Silicon	28-1	3380595	3386728	3363544	3376956	0.36	cps
Silver	107-1	492046	500589	496468	496368	0.86	cps
Silver	109-1	462671	470438	472732	468613	1.13	cps
Sodium	23-2	1163700	1173564	1171120	1169461	0.44	cps
Strontium	86-1	1325383	1330322	1334068	1329924	0.33	cps
Strontium	88-1	11538985	11612846	11589260	11580364	0.33	cps
Sulfur	34-1	253835	244323	239461	245873	2.97	cps
Terbium	159-1	11033966	11111177	10981860	11042334	0.59	cps
Terbium	159-2	6366792	6456359	6211187	6344779	1.96	cps
Thallium	203-1	1687007	1710479	1732398	1709961	1.33	cps
Thallium	205-1	4183058	4175493	4382340	4246964	2.76	cps
Tin	118-1	3403481	3534351	3500880	3479571	1.95	cps
Titanium	47-1	5157478	5187146	5190433	5178352	0.35	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	ICV16	Instrumnet Name :	P7
Client Sample ID :	ICV16	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 15:43:49	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14603530	15123858	15242545	14989978	2.27	cps
Vanadium	51-2	261814	259284	258678	259925	0.64	cps
Yttrium	89-1	12571108	12786294	12631474	12662959	0.88	cps
Yttrium	89-2	2895154	2872869	2860968	2876330	0.60	cps
Zinc	66-2	111617	110239	111176	111011	0.63	cps
Zirconium	90-1	6799865	6923162	6904793	6875940	0.97	cps
Zirconium	91-1	1529822	1524489	1540853	1531721	0.54	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:01:45	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4254	4264	4424	4314	2.21	cps
Antimony	121-1	15215	16229	16283	15909	3.78	cps
Arsenic	75-2	370	370	427	389	8.41	cps
Barium	135-1	20608	21149	20672	20810	1.42	cps
Barium	137-1	36139	37209	36808	36718	1.47	cps
Beryllium	9-1	2180	2397	2350	2309	4.94	cps
Bismuth	209-1	6510805	6459399	6671099	6547101	1.69	cps
Bismuth	209-2	4289915	4240403	4253432	4261250	0.60	cps
Bromine	81-1	10177	10020	10354	10184	1.64	cps
Bromine	81-2	130	160	180	157	16.06	cps
Cadmium	108-1	180	207	123	170	25.03	cps
Cadmium	106-1	4651	4534	4914	4700	4.14	cps
Cadmium	111-1	3014	2779	3273	3022	8.18	cps
Calcium	43-1	12809	12929	12699	12812	0.90	cps
Calcium	44-1	199404	203570	201909	201627	1.04	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7585	7685	7088	7453	4.29	cps
Cobalt	59-2	5278	5284	4944	5169	3.76	cps
Copper	63-2	10904	10841	10794	10846	0.51	cps
Dysprosium	156-1	13	20	23	19	26.96	cps
Dysprosium	156-2	0	7	10	6	91.64	cps
Erbium	164-1	90	63	93	82	20.00	cps
Erbium	164-2	57	47	43	49	14.20	cps
Gadolinium	160-1	60	47	37	48	24.50	cps
Gadolinium	160-2	380	357	423	387	8.75	cps
Holmium	165-1	10707039	10679607	11180144	10855597	2.59	cps
Holmium	165-2	6550218	6378308	6314428	6414318	1.90	cps
Indium	115-1	8129889	8055506	8355217	8180204	1.91	cps
Indium	115-2	2562732	2529909	2566724	2553122	0.79	cps
Iron	56-2	155023	154925	153090	154346	0.71	cps
Iron	57-2	4944	4717	4621	4761	3.49	cps
Iron	54-2	9747	9430	9626	9601	1.67	cps
Krypton	83-1	153	210	200	188	16.11	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:01:45	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6508	6735	6762	6668	2.09	cps
Lead	207-1	6025	5728	5975	5909	2.69	cps
Lead	208-1	26307	26587	26824	26573	0.97	cps
Lithium	6-1	2495923	2485144	2541361	2507476	1.19	cps
Magnesium	24-2	195394	192829	193865	194029	0.67	cps
Manganese	55-2	2464	2500	2400	2455	2.06	cps
Molybdenum	94-1	16606	16890	16346	16614	1.64	cps
Molybdenum	95-1	19710	20134	19583	19809	1.46	cps
Molybdenum	96-1	21943	22244	22297	22161	0.86	cps
Molybdenum	97-1	12158	12385	12729	12424	2.31	cps
Molybdenum	98-1	31791	32697	32717	32401	1.63	cps
Neodymium	150-1	3	13	17	11	62.48	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	1357	1283	1443	1361	5.88	cps
Phosphorus	31-2	773	887	637	766	16.35	cps
Potassium	39-2	265111	260144	266304	263853	1.24	cps
Rhodium	103-1	7414728	7437834	7656919	7503160	1.78	cps
Rhodium	103-2	4038140	4015700	4029402	4027747	0.28	cps
Scandium	45-1	4814271	4741034	4902461	4819256	1.68	cps
Scandium	45-2	410738	403910	405087	406579	0.90	cps
Selenium	82-1	858	710	837	802	10.00	cps
Selenium	77-2	60	37	67	54	28.93	cps
Selenium	78-2	313	340	310	321	5.12	cps
Silicon	28-1	742404	749281	739982	743889	0.65	cps
Silver	107-1	9680	9994	10591	10088	4.59	cps
Silver	109-1	9443	9523	9863	9610	2.32	cps
Sodium	23-2	339871	339125	337609	338868	0.34	cps
Strontium	86-1	2980	2967	2887	2945	1.71	cps
Strontium	88-1	22601	23415	22577	22865	2.09	cps
Sulfur	34-1	273663	274273	276361	274766	0.51	cps
Terbium	159-1	11349532	10996299	11381509	11242447	1.90	cps
Terbium	159-2	6559125	6484468	6428794	6490796	1.01	cps
Thallium	203-1	8206	7872	7872	7984	2.41	cps
Thallium	205-1	17752	18770	18483	18335	2.86	cps
Tin	118-1	34067	35149	34822	34679	1.60	cps
Titanium	47-1	5604	5641	5551	5599	0.81	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:01:45	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	24065	23798	24052	23972	0.63	cps
Vanadium	51-2	13930	14000	14150	14027	0.80	cps
Yttrium	89-1	13096130	12985635	13508456	13196740	2.09	cps
Yttrium	89-2	2998622	3005486	3047039	3017049	0.87	cps
Zinc	66-2	3270	2937	2994	3067	5.82	cps
Zirconium	90-1	13967	14140	14714	14274	2.74	cps
Zirconium	91-1	3027	3247	3244	3173	3.97	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	ICB16	Instrumnet Name :	P7
Client Sample ID :	ICB16	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:05:05	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	127	150	159	23.58	cps
Antimony	121-1	163	140	213	172	21.76	cps
Arsenic	75-2	7	0	3	3	100.05	cps
Barium	135-1	27	30	20	26	19.92	cps
Barium	137-1	47	23	33	34	34.00	cps
Beryllium	9-1	140	153	133	142	7.16	cps
Bismuth	209-1	6480648	6403457	6459607	6447904	0.62	cps
Bismuth	209-2	4168644	3699416	4145813	4004624	6.61	cps
Bromine	81-1	9923	9653	9663	9747	1.57	cps
Bromine	81-2	113	117	117	116	1.67	cps
Cadmium	108-1	17	7	17	13	43.29	cps
Cadmium	106-1	4814	4701	4564	4693	2.67	cps
Cadmium	111-1	961	949	914	941	2.57	cps
Calcium	43-1	630	677	583	630	7.41	cps
Calcium	44-1	6525	6652	6538	6571	1.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1217	1093	1170	1160	5.37	cps
Cobalt	59-2	90	60	80	77	19.92	cps
Copper	63-2	3677	3847	4021	3848	4.46	cps
Dysprosium	156-1	0	7	7	4	86.60	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	77	110	77	88	21.92	cps
Erbium	164-2	47	33	53	44	22.92	cps
Gadolinium	160-1	77	63	40	60	30.93	cps
Gadolinium	160-2	373	350	430	384	10.70	cps
Holmium	165-1	10602993	10929332	10729705	10754010	1.53	cps
Holmium	165-2	6269649	5368598	6103782	5914010	8.11	cps
Indium	115-1	8167028	8138206	8233455	8179563	0.60	cps
Indium	115-2	2488929	2169717	2464943	2374530	7.49	cps
Iron	56-2	6908	6662	6702	6757	1.96	cps
Iron	57-2	857	833	963	884	7.84	cps
Iron	54-2	1247	1257	1200	1235	2.45	cps
Krypton	83-1	173	197	153	174	12.43	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	ICB16	Instrumnet Name :	P7
Client Sample ID :	ICB16	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:05:05	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	597	543	590	577	5.04	cps
Lead	207-1	477	510	537	508	5.92	cps
Lead	208-1	2443	2307	2430	2393	3.15	cps
Lithium	6-1	2457492	2432892	2502565	2464316	1.43	cps
Magnesium	24-2	353	347	340	347	1.92	cps
Manganese	55-2	60	87	63	70	20.76	cps
Molybdenum	94-1	167	223	247	212	19.39	cps
Molybdenum	95-1	83	90	93	89	5.73	cps
Molybdenum	96-1	130	140	123	131	6.40	cps
Molybdenum	97-1	63	57	37	52	26.57	cps
Molybdenum	98-1	90	103	107	100	8.82	cps
Neodymium	150-1	10	3	3	6	69.34	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	60	103	60	74	33.60	cps
Phosphorus	31-2	470	427	427	441	5.67	cps
Potassium	39-2	64272	63401	62949	63541	1.06	cps
Rhodium	103-1	7479626	7568772	7525173	7524524	0.59	cps
Rhodium	103-2	3897587	3400467	3865795	3721283	7.48	cps
Scandium	45-1	4786215	4766792	4799697	4784235	0.35	cps
Scandium	45-2	391423	343055	385873	373451	7.09	cps
Selenium	82-1	146	142	175	154	11.72	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	170	133	160	154	12.27	cps
Silicon	28-1	715104	708099	725359	716188	1.21	cps
Silver	107-1	187	177	150	171	11.08	cps
Silver	109-1	123	140	107	123	13.51	cps
Sodium	23-2	25571	25171	25351	25364	0.79	cps
Strontium	86-1	343	317	367	342	7.31	cps
Strontium	88-1	197	167	170	178	9.25	cps
Sulfur	34-1	275712	275133	275824	275557	0.13	cps
Terbium	159-1	11058695	11177197	11133465	11123119	0.54	cps
Terbium	159-2	6283892	5554856	6179379	6006042	6.56	cps
Thallium	203-1	140	163	153	152	7.69	cps
Thallium	205-1	390	347	360	366	6.07	cps
Tin	118-1	733	810	787	777	5.06	cps
Titanium	47-1	120	113	140	124	11.15	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	ICB16	Instrumnet Name :	P7
Client Sample ID :	ICB16	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:05:05	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17	17	20	18	10.81	cps
Vanadium	51-2	10	7	7	8	24.71	cps
Yttrium	89-1	13147905	13111633	13288771	13182770	0.71	cps
Yttrium	89-2	2946717	2524952	2916085	2795918	8.41	cps
Zinc	66-2	297	337	277	303	10.07	cps
Zirconium	90-1	440	483	537	487	9.95	cps
Zirconium	91-1	90	140	90	107	27.06	cps

LB Number : LB128774 Operator : Jaswal
 Lab Sample ID : ICSA16 Instrumnet Name : P7
 Client Sample ID : ICSA16 Dilution Factor : 1
 Date & Time Acquired : 2023-12-12 16:08:24 DataFile Name : 017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17056626	17165707	17023521	17081952	0.44	cps
Antimony	121-1	8549	8489	8486	8508	0.42	cps
Arsenic	75-2	77	77	90	81	9.49	cps
Barium	135-1	2810	2787	2647	2748	3.22	cps
Barium	137-1	4944	4607	4687	4746	3.71	cps
Beryllium	9-1	670	527	557	584	12.94	cps
Bismuth	209-1	6073108	6055563	6123307	6083993	0.58	cps
Bismuth	209-2	4000961	3963895	3953073	3972643	0.63	cps
Bromine	81-1	9133	9086	8746	8988	2.35	cps
Bromine	81-2	137	130	170	146	14.72	cps
Cadmium	108-1	1413	1220	1283	1306	7.55	cps
Cadmium	106-1	4247	4251	4034	4177	2.97	cps
Cadmium	111-1	1517	1643	1532	1564	4.40	cps
Calcium	43-1	1955337	1927484	1910950	1931257	1.16	cps
Calcium	44-1	30678274	30386259	30391485	30485339	0.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	55970	55585	56110	55889	0.49	cps
Cobalt	59-2	5521	5398	5338	5419	1.73	cps
Copper	63-2	28150	28450	27956	28185	0.88	cps
Dysprosium	156-1	47	37	30	38	22.21	cps
Dysprosium	156-2	40	20	33	31	32.73	cps
Erbium	164-1	117	93	127	112	15.25	cps
Erbium	164-2	77	83	53	71	22.15	cps
Gadolinium	160-1	70	93	90	84	14.94	cps
Gadolinium	160-2	347	330	337	338	2.48	cps
Holmium	165-1	10463033	10341506	10390669	10398402	0.59	cps
Holmium	165-2	6106203	6175764	6115830	6132599	0.61	cps
Indium	115-1	7369905	7391465	7402422	7387931	0.22	cps
Indium	115-2	2228764	2202948	2209980	2213897	0.60	cps
Iron	56-2	234624563	234772770	231726843	233708059	0.73	cps
Iron	57-2	5878304	5813043	5732371	5807906	1.26	cps
Iron	54-2	12922074	13065776	12835801	12941217	0.90	cps
Krypton	83-1	110	180	157	149	23.94	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	ICSA16	Instrumnet Name :	P7
Client Sample ID :	ICSA16	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:08:24	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	28520	28290	28510	28440	0.46	cps
Lead	207-1	23143	23487	23353	23328	0.74	cps
Lead	208-1	108425	108648	107219	108097	0.71	cps
Lithium	6-1	2296932	2267565	2256797	2273764	0.91	cps
Magnesium	24-2	30315399	30432008	31010861	30586089	1.22	cps
Manganese	55-2	16409	16566	16426	16467	0.52	cps
Molybdenum	94-1	3919033	3913858	3844465	3892452	1.07	cps
Molybdenum	95-1	6822075	6788377	6756400	6788951	0.48	cps
Molybdenum	96-1	7210727	7315780	7340529	7289012	0.95	cps
Molybdenum	97-1	4302783	4295628	4278100	4292170	0.30	cps
Molybdenum	98-1	10987707	11023762	10962825	10991431	0.28	cps
Neodymium	150-1	50	27	30	36	35.49	cps
Neodymium	150-2	17	13	20	17	20.01	cps
Nickel	60-2	5918	6118	5831	5956	2.47	cps
Phosphorus	31-2	930128	920802	916362	922431	0.76	cps
Potassium	39-2	32309592	32301410	31620890	32077297	1.23	cps
Rhodium	103-1	6384099	6297093	6299936	6327043	0.78	cps
Rhodium	103-2	3450294	3453874	3481103	3461757	0.49	cps
Scandium	45-1	4243747	4143393	4142875	4176672	1.39	cps
Scandium	45-2	353970	356680	353864	354838	0.45	cps
Selenium	82-1	178	160	154	164	7.45	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	137	90	87	104	26.77	cps
Silicon	28-1	727922	710465	697783	712057	2.13	cps
Silver	107-1	620	483	557	553	12.36	cps
Silver	109-1	513	493	493	500	2.31	cps
Sodium	23-2	52390631	52745391	52353201	52496408	0.41	cps
Strontium	86-1	79148	78712	79101	78987	0.30	cps
Strontium	88-1	684950	691021	693164	689712	0.62	cps
Sulfur	34-1	3334017	3251470	3236401	3273963	1.61	cps
Terbium	159-1	10848637	10889477	10727938	10822017	0.78	cps
Terbium	159-2	6136924	6154425	6158781	6150043	0.19	cps
Thallium	203-1	1027	1070	1110	1069	3.90	cps
Thallium	205-1	2520	2544	2637	2567	2.41	cps
Tin	118-1	3510	2967	2574	3017	15.59	cps
Titanium	47-1	1834306	1820120	1814354	1822927	0.56	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	ICSA16	Instrumnet Name :	P7
Client Sample ID :	ICSA16	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:08:24	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	380	390	447	406	8.87	cps
Vanadium	51-2	547	463	520	510	8.35	cps
Yttrium	89-1	11865671	11831454	11771446	11822857	0.40	cps
Yttrium	89-2	2663845	2710126	2651406	2675126	1.16	cps
Zinc	66-2	5931	5771	5454	5719	4.24	cps
Zirconium	90-1	660	757	667	694	7.77	cps
Zirconium	91-1	150	150	150	150	0.00	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	ICSAB16	Instrumnet Name :	P7
Client Sample ID :	ICSAB16	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:11:39	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17488984	17489488	17366449	17448307	0.41	cps
Antimony	121-1	156851	156798	157036	156895	0.08	cps
Arsenic	75-2	6618	6551	6341	6504	2.22	cps
Barium	135-1	42513	42510	42400	42474	0.15	cps
Barium	137-1	73981	75134	74822	74645	0.80	cps
Beryllium	9-1	36309	37014	37315	36879	1.40	cps
Bismuth	209-1	6019392	6131590	5982555	6044512	1.28	cps
Bismuth	209-2	4043439	4023501	3965102	4010680	1.02	cps
Bromine	81-1	8629	8783	9046	8819	2.39	cps
Bromine	81-2	127	133	133	131	2.94	cps
Cadmium	108-1	4167	4637	4297	4367	5.56	cps
Cadmium	106-1	9176	9200	8963	9113	1.43	cps
Cadmium	111-1	36838	37740	38499	37692	2.21	cps
Calcium	43-1	1957998	1946597	1959389	1954662	0.36	cps
Calcium	44-1	30516921	30730063	30850799	30699261	0.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	115827	116065	115928	115940	0.10	cps
Cobalt	59-2	90004	89243	90014	89754	0.49	cps
Copper	63-2	87748	86334	87319	87134	0.83	cps
Dysprosium	156-1	30	43	37	37	18.18	cps
Dysprosium	156-2	30	33	13	26	41.94	cps
Erbium	164-1	110	100	87	99	11.84	cps
Erbium	164-2	47	63	67	59	18.19	cps
Gadolinium	160-1	113	87	83	94	17.41	cps
Gadolinium	160-2	333	373	350	352	5.70	cps
Holmium	165-1	10393738	10558119	10501921	10484593	0.80	cps
Holmium	165-2	6205044	6167128	6159827	6177333	0.39	cps
Indium	115-1	7237163	7411840	7298848	7315950	1.21	cps
Indium	115-2	2232668	2249399	2243697	2241921	0.38	cps
Iron	56-2	240604170	242059096	238848236	240503834	0.67	cps
Iron	57-2	5884070	5955434	5937033	5925513	0.63	cps
Iron	54-2	13297592	13350001	13271075	13306223	0.30	cps
Krypton	83-1	167	143	167	159	8.48	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	ICSAB16	Instrumnet Name :	P7
Client Sample ID :	ICSAB16	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:11:39	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	173942	176869	178271	176361	1.25	cps
Lead	207-1	149138	153749	151875	151587	1.53	cps
Lead	208-1	684956	695111	694465	691511	0.82	cps
Lithium	6-1	2280271	2238208	2220209	2246229	1.37	cps
Magnesium	24-2	31644243	31641240	31278189	31521224	0.67	cps
Manganese	55-2	58891	58781	60434	59369	1.56	cps
Molybdenum	94-1	4258050	4344714	4324228	4308997	1.05	cps
Molybdenum	95-1	6985139	7186425	7110048	7093871	1.43	cps
Molybdenum	96-1	7575484	7625146	7726097	7642242	1.00	cps
Molybdenum	97-1	4449900	4457023	4485564	4464162	0.42	cps
Molybdenum	98-1	11511179	11462320	11607975	11527158	0.64	cps
Neodymium	150-1	43	37	37	39	9.89	cps
Neodymium	150-2	37	17	27	27	37.50	cps
Nickel	60-2	27088	26874	27462	27141	1.10	cps
Phosphorus	31-2	953646	947072	943063	947927	0.56	cps
Potassium	39-2	32937887	32975006	32699910	32870934	0.45	cps
Rhodium	103-1	6346202	6240178	6179173	6255184	1.35	cps
Rhodium	103-2	3470138	3494227	3433486	3465950	0.88	cps
Scandium	45-1	4012797	4056268	4086188	4051751	0.91	cps
Scandium	45-2	356395	361642	356449	358162	0.84	cps
Selenium	82-1	2321	2464	2476	2420	3.56	cps
Selenium	77-2	197	197	213	202	4.76	cps
Selenium	78-2	710	880	773	788	10.91	cps
Silicon	28-1	932144	937456	928763	932788	0.47	cps
Silver	107-1	174022	176519	175338	175293	0.71	cps
Silver	109-1	165060	167478	166477	166338	0.73	cps
Sodium	23-2	54135198	54168893	53539834	53947975	0.66	cps
Strontium	86-1	208711	209282	209327	209107	0.16	cps
Strontium	88-1	1804531	1815685	1850006	1823408	1.30	cps
Sulfur	34-1	3269078	3315133	3293187	3292466	0.70	cps
Terbium	159-1	10678893	10810970	10861818	10783894	0.88	cps
Terbium	159-2	6150894	6232650	6096122	6159889	1.12	cps
Thallium	203-1	182945	185431	183895	184090	0.68	cps
Thallium	205-1	428533	438280	439520	435444	1.38	cps
Tin	118-1	336429	340381	338115	338308	0.59	cps
Titanium	47-1	1875616	1919778	1890946	1895447	1.18	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	ICSAB16	Instrumnet Name :	P7
Client Sample ID :	ICSAB16	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:11:39	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1333410	1356487	1375799	1355232	1.57	cps
Vanadium	51-2	49849	49351	49494	49564	0.52	cps
Yttrium	89-1	11835546	11809169	11764306	11803007	0.31	cps
Yttrium	89-2	2709930	2734106	2676739	2706925	1.06	cps
Zinc	66-2	16142	15798	15952	15964	1.08	cps
Zirconium	90-1	671814	682099	678968	677627	0.78	cps
Zirconium	91-1	149691	152327	150071	150696	0.95	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P7
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:14:42	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9244824	9324394	9279373	9282864	0.43	cps
Antimony	121-1	3658611	3656115	3696245	3670324	0.61	cps
Arsenic	75-2	157101	158105	160450	158552	1.08	cps
Barium	135-1	5038445	5117194	5075406	5077015	0.78	cps
Barium	137-1	8784082	8887741	8867013	8846279	0.62	cps
Beryllium	9-1	878625	887782	884841	883750	0.53	cps
Bismuth	209-1	5986239	5922242	5978184	5962222	0.58	cps
Bismuth	209-2	3777586	3846453	3879065	3834368	1.35	cps
Bromine	81-1	9376	9280	9046	9234	1.84	cps
Bromine	81-2	170	167	177	171	2.98	cps
Cadmium	108-1	69338	70996	70128	70154	1.18	cps
Cadmium	106-1	103177	103438	104687	103767	0.78	cps
Cadmium	111-1	889232	890092	892643	890656	0.20	cps
Calcium	43-1	5154383	5199986	5174807	5176392	0.44	cps
Calcium	44-1	81566559	82571464	82076960	82071661	0.61	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1385222	1415942	1411131	1404098	1.18	cps
Cobalt	59-2	2072567	2090323	2051957	2071616	0.93	cps
Copper	63-2	13829411	13964133	13834534	13876026	0.55	cps
Dysprosium	156-1	1033	1173	1193	1133	7.69	cps
Dysprosium	156-2	880	820	937	879	6.64	cps
Erbium	164-1	260	283	313	286	9.36	cps
Erbium	164-2	183	193	143	173	15.26	cps
Gadolinium	160-1	1240	1297	1173	1237	4.99	cps
Gadolinium	160-2	1020	1083	1040	1048	3.09	cps
Holmium	165-1	10513454	10558176	10457943	10509858	0.48	cps
Holmium	165-2	6068191	6121015	6194827	6128011	1.04	cps
Indium	115-1	7181376	7259204	7165729	7202103	0.70	cps
Indium	115-2	2187856	2194031	2231949	2204612	1.08	cps
Iron	56-2	305578509	307255022	306250949	306361493	0.28	cps
Iron	57-2	7605403	7676338	7581666	7621136	0.65	cps
Iron	54-2	16981557	17000116	16935294	16972322	0.20	cps
Krypton	83-1	103	157	147	136	20.92	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P7
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:14:42	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	15927904	16010040	15961118	15966354	0.26	cps
Lead	207-1	14309009	14413551	14285818	14336126	0.47	cps
Lead	208-1	64460971	64601985	64488518	64517158	0.12	cps
Lithium	6-1	2175178	2206141	2225191	2202170	1.15	cps
Magnesium	24-2	86344405	86611249	86315535	86423730	0.19	cps
Manganese	55-2	10165773	10194808	10163390	10174657	0.17	cps
Molybdenum	94-1	13077140	13221395	13243563	13180699	0.69	cps
Molybdenum	95-1	18797527	19105527	19024364	18975806	0.84	cps
Molybdenum	96-1	20647527	20941105	20828584	20805738	0.71	cps
Molybdenum	97-1	11740948	11998009	11901096	11880018	1.09	cps
Molybdenum	98-1	30389309	31185632	30677512	30750818	1.31	cps
Neodymium	150-1	703	747	720	723	3.02	cps
Neodymium	150-2	253	260	233	249	5.58	cps
Nickel	60-2	516863	521471	515539	517958	0.60	cps
Phosphorus	31-2	95841	95861	96495	96066	0.39	cps
Potassium	39-2	41204045	41860770	41459922	41508246	0.80	cps
Rhodium	103-1	6120784	6127293	6112801	6120292	0.12	cps
Rhodium	103-2	3363377	3366973	3369043	3366464	0.09	cps
Scandium	45-1	4086398	4094807	4080050	4087085	0.18	cps
Scandium	45-2	353607	355177	357814	355533	0.60	cps
Selenium	82-1	55359	56443	56302	56035	1.05	cps
Selenium	77-2	5194	4841	5024	5020	3.52	cps
Selenium	78-2	16830	16366	16639	16612	1.40	cps
Silicon	28-1	32111466	32367440	32632231	32370379	0.80	cps
Silver	107-1	4315006	4298110	4365214	4326110	0.81	cps
Silver	109-1	4034886	4180472	4147134	4120830	1.85	cps
Sodium	23-2	135082898	134229858	136717841	135343532	0.93	cps
Strontium	86-1	29953038	30415610	29870569	30079739	0.98	cps
Strontium	88-1	260534663	267026663	263935249	263832192	1.23	cps
Sulfur	34-1	518077	514363	513873	515438	0.45	cps
Terbium	159-1	10740087	10683380	10773397	10732288	0.42	cps
Terbium	159-2	6128287	6056296	6159945	6114843	0.87	cps
Thallium	203-1	4027855	4015257	4025148	4022754	0.16	cps
Thallium	205-1	9452025	9415438	9340670	9402711	0.60	cps
Tin	118-1	3190168	3180563	3193309	3188013	0.21	cps
Titanium	47-1	4507620	4554006	4589469	4550365	0.90	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P7
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:14:42	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13729938	13786619	13767725	13761427	0.21	cps
Vanadium	51-2	1276463	1264175	1265717	1268785	0.53	cps
Yttrium	89-1	11761763	11684866	11921799	11789476	1.03	cps
Yttrium	89-2	2654666	2705072	2707452	2689064	1.11	cps
Zinc	66-2	2267109	2319443	2294565	2293706	1.14	cps
Zirconium	90-1	6357720	6367009	6464238	6396322	0.92	cps
Zirconium	91-1	1425019	1451151	1461438	1445869	1.30	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P7
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:23:01	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	240	247	183	223	15.58	cps
Antimony	121-1	833	793	970	866	10.70	cps
Arsenic	75-2	0	10	3	4	114.60	cps
Barium	135-1	40	27	20	29	35.25	cps
Barium	137-1	70	37	47	51	33.46	cps
Beryllium	9-1	133	157	140	143	8.38	cps
Bismuth	209-1	6596467	6781611	7065445	6814508	3.47	cps
Bismuth	209-2	4547214	4579119	4292433	4472922	3.51	cps
Bromine	81-1	9403	9733	9546	9561	1.73	cps
Bromine	81-2	100	110	87	99	11.84	cps
Cadmium	108-1	3	10	23	12	83.33	cps
Cadmium	106-1	4084	4267	4327	4226	3.00	cps
Cadmium	111-1	834	863	872	857	2.31	cps
Calcium	43-1	437	477	557	490	12.47	cps
Calcium	44-1	6205	5724	6121	6017	4.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1183	1110	1257	1183	6.20	cps
Cobalt	59-2	73	107	70	83	24.33	cps
Copper	63-2	4671	4754	4581	4669	1.86	cps
Dysprosium	156-1	7	7	0	4	86.60	cps
Dysprosium	156-2	7	10	3	7	50.03	cps
Erbium	164-1	60	70	53	61	13.73	cps
Erbium	164-2	40	53	47	47	14.28	cps
Gadolinium	160-1	77	57	40	58	31.78	cps
Gadolinium	160-2	337	423	340	367	13.39	cps
Holmium	165-1	10707725	11012123	11263545	10994464	2.53	cps
Holmium	165-2	6624411	6777373	6432676	6611487	2.61	cps
Indium	115-1	8124633	8146011	8290343	8186996	1.10	cps
Indium	115-2	2536920	2608329	2484627	2543292	2.44	cps
Iron	56-2	8059	8826	8666	8517	4.75	cps
Iron	57-2	740	797	760	766	3.75	cps
Iron	54-2	1297	1310	1270	1292	1.58	cps
Krypton	83-1	140	113	160	138	16.99	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P7
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:23:01	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	967	930	923	940	2.48	cps
Lead	207-1	797	820	707	774	7.73	cps
Lead	208-1	4030	3757	3470	3752	7.46	cps
Lithium	6-1	2311899	2365673	2437167	2371580	2.65	cps
Magnesium	24-2	697	797	777	757	6.99	cps
Manganese	55-2	103	120	110	111	7.55	cps
Molybdenum	94-1	403	340	417	387	10.59	cps
Molybdenum	95-1	337	337	300	324	6.52	cps
Molybdenum	96-1	363	307	280	317	13.44	cps
Molybdenum	97-1	180	157	163	167	7.21	cps
Molybdenum	98-1	433	350	333	372	14.39	cps
Neodymium	150-1	13	3	3	7	86.65	cps
Neodymium	150-2	17	0	7	8	107.84	cps
Nickel	60-2	90	97	87	91	5.59	cps
Phosphorus	31-2	387	490	353	410	17.38	cps
Potassium	39-2	63217	61768	63492	62826	1.47	cps
Rhodium	103-1	7081144	7247015	7433887	7254015	2.43	cps
Rhodium	103-2	4076370	4195185	3948344	4073300	3.03	cps
Scandium	45-1	4339323	4491641	4547179	4459381	2.41	cps
Scandium	45-2	396325	406529	391194	398016	1.96	cps
Selenium	82-1	171	193	162	175	8.98	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	137	133	143	138	3.70	cps
Silicon	28-1	610879	617866	610094	612946	0.70	cps
Silver	107-1	233	253	210	232	9.34	cps
Silver	109-1	193	193	163	183	9.45	cps
Sodium	23-2	37111	37262	36801	37058	0.63	cps
Strontium	86-1	373	257	310	313	18.64	cps
Strontium	88-1	1237	797	750	928	28.94	cps
Sulfur	34-1	212743	214717	214109	213856	0.47	cps
Terbium	159-1	11169460	11443999	11725373	11446277	2.43	cps
Terbium	159-2	6672444	6819374	6446576	6646131	2.83	cps
Thallium	203-1	537	580	547	554	4.09	cps
Thallium	205-1	1220	1217	1143	1193	3.63	cps
Tin	118-1	903	870	863	879	2.44	cps
Titanium	47-1	117	127	107	117	8.57	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P7
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:23:01	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	73	40	30	48	47.49	cps
Vanadium	51-2	10	3	10	8	49.52	cps
Yttrium	89-1	12567473	12760896	13277213	12868527	2.85	cps
Yttrium	89-2	2986429	3085202	2914455	2995362	2.86	cps
Zinc	66-2	267	300	307	291	7.36	cps
Zirconium	90-1	640	610	680	643	5.46	cps
Zirconium	91-1	123	133	123	127	4.56	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:26:16	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4911	4414	4711	4679	5.34	cps
Antimony	121-1	16463	16183	17034	16560	2.62	cps
Arsenic	75-2	360	363	387	370	3.93	cps
Barium	135-1	21710	21620	23236	22188	4.09	cps
Barium	137-1	37947	38321	38398	38222	0.63	cps
Beryllium	9-1	1963	2224	2290	2159	8.00	cps
Bismuth	209-1	6808021	6939574	6844963	6864186	0.99	cps
Bismuth	209-2	4460511	4372081	4339260	4390617	1.43	cps
Bromine	81-1	9473	9810	9617	9633	1.75	cps
Bromine	81-2	100	90	120	103	14.78	cps
Cadmium	108-1	180	167	207	184	11.04	cps
Cadmium	106-1	4934	5134	4707	4925	4.34	cps
Cadmium	111-1	3074	3047	2980	3034	1.59	cps
Calcium	43-1	12305	12372	12579	12419	1.15	cps
Calcium	44-1	199031	199842	201016	199963	0.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7512	7815	7459	7595	2.53	cps
Cobalt	59-2	5448	5128	5311	5295	3.03	cps
Copper	63-2	11021	11354	11518	11298	2.24	cps
Dysprosium	156-1	7	17	0	8	107.84	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	83	67	67	72	13.32	cps
Erbium	164-2	47	53	40	47	14.28	cps
Gadolinium	160-1	73	33	53	53	37.50	cps
Gadolinium	160-2	360	377	413	383	7.12	cps
Holmium	165-1	11245569	11167830	11090644	11168014	0.69	cps
Holmium	165-2	6425451	6436622	6373943	6412005	0.52	cps
Indium	115-1	8176554	8327626	8120752	8208310	1.30	cps
Indium	115-2	2451083	2540879	2468793	2486919	1.91	cps
Iron	56-2	160816	159051	158657	159508	0.72	cps
Iron	57-2	4671	4821	4691	4727	1.72	cps
Iron	54-2	10137	9730	9760	9876	2.30	cps
Krypton	83-1	160	167	130	152	12.83	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:26:16	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7045	7739	7085	7290	5.34	cps
Lead	207-1	6368	6718	6675	6587	2.90	cps
Lead	208-1	28966	29756	29776	29499	1.57	cps
Lithium	6-1	2405389	2386779	2354605	2382258	1.08	cps
Magnesium	24-2	197677	198415	198577	198223	0.24	cps
Manganese	55-2	2580	2567	2437	2528	3.13	cps
Molybdenum	94-1	16887	17220	17270	17126	1.22	cps
Molybdenum	95-1	20481	20668	21165	20772	1.70	cps
Molybdenum	96-1	22638	22971	23365	22991	1.58	cps
Molybdenum	97-1	12986	13109	13049	13048	0.47	cps
Molybdenum	98-1	33248	34026	33151	33475	1.43	cps
Neodymium	150-1	10	13	3	9	57.30	cps
Neodymium	150-2	10	10	0	7	86.60	cps
Nickel	60-2	1473	1293	1380	1382	6.51	cps
Phosphorus	31-2	663	767	713	714	7.23	cps
Potassium	39-2	264007	266085	262877	264323	0.62	cps
Rhodium	103-1	7394463	7391691	7404025	7396726	0.09	cps
Rhodium	103-2	3949081	4007155	3966258	3974165	0.75	cps
Scandium	45-1	4505753	4545595	4594013	4548454	0.97	cps
Scandium	45-2	392150	394970	382644	389921	1.66	cps
Selenium	82-1	798	785	891	825	7.00	cps
Selenium	77-2	53	77	60	63	18.98	cps
Selenium	78-2	283	330	320	311	7.90	cps
Silicon	28-1	656631	659659	656943	657744	0.25	cps
Silver	107-1	10200	10464	10984	10549	3.78	cps
Silver	109-1	9820	10250	9733	9935	2.79	cps
Sodium	23-2	355347	353227	349025	352533	0.91	cps
Strontium	86-1	3220	2817	2827	2955	7.79	cps
Strontium	88-1	24387	23619	24120	24042	1.62	cps
Sulfur	34-1	224119	228680	230813	227871	1.50	cps
Terbium	159-1	11513624	11703159	11562520	11593101	0.85	cps
Terbium	159-2	6457222	6511225	6385138	6451195	0.98	cps
Thallium	203-1	8336	8566	8686	8529	2.09	cps
Thallium	205-1	21227	20455	20249	20644	2.50	cps
Tin	118-1	36008	36269	36162	36146	0.36	cps
Titanium	47-1	5511	5381	5248	5380	2.45	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:26:16	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	26106	26069	26754	26309	1.46	cps
Vanadium	51-2	14367	14210	13957	14178	1.46	cps
Yttrium	89-1	13044697	13099651	13142541	13095630	0.37	cps
Yttrium	89-2	2977202	3000008	2883987	2953732	2.08	cps
Zinc	66-2	3360	3384	3320	3355	0.95	cps
Zirconium	90-1	14200	14294	15128	14541	3.51	cps
Zirconium	91-1	3084	3367	3034	3161	5.69	cps

LB Number : LB128774 Operator : Jaswal
 Lab Sample ID : O4699-01 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-SOIL-01-QT4- Dilution Factor : 1
 Date & Time Acquired : 2023-12-12 16:29:33 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2043	1960	4727	2910	54.09	cps
Antimony	121-1	3450	3550	3634	3545	2.59	cps
Arsenic	75-2	137	130	160	142	11.08	cps
Barium	135-1	4581	4487	4567	4545	1.11	cps
Barium	137-1	7889	7612	7936	7812	2.24	cps
Beryllium	9-1	907	993	933	944	4.70	cps
Bismuth	209-1	6911124	6835056	6828209	6858130	0.67	cps
Bismuth	209-2	4516433	4442509	4517494	4492145	0.96	cps
Bromine	81-1	10187	10387	10370	10315	1.08	cps
Bromine	81-2	157	83	77	106	42.05	cps
Cadmium	108-1	77	67	63	69	10.08	cps
Cadmium	106-1	5178	4971	4741	4963	4.40	cps
Cadmium	111-1	1839	1831	1894	1854	1.85	cps
Calcium	43-1	5208	5434	5378	5340	2.21	cps
Calcium	44-1	81504	81323	82573	81800	0.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2410	2370	2607	2462	5.15	cps
Cobalt	59-2	2094	2070	2167	2110	2.39	cps
Copper	63-2	7238	7078	7622	7313	3.82	cps
Dysprosium	156-1	10	7	20	12	56.76	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	97	90	103	97	6.89	cps
Erbium	164-2	43	37	63	48	29.04	cps
Gadolinium	160-1	43	57	27	42	35.60	cps
Gadolinium	160-2	353	360	453	389	14.38	cps
Holmium	165-1	11197435	11136586	11071238	11135086	0.57	cps
Holmium	165-2	6549742	6575496	6610400	6578546	0.46	cps
Indium	115-1	8243618	8327113	8377572	8316101	0.81	cps
Indium	115-2	2558697	2565505	2593013	2572405	0.71	cps
Iron	56-2	100815	101597	125743	109385	12.96	cps
Iron	57-2	3060	3164	4008	3411	15.24	cps
Iron	54-2	6418	6401	8172	6997	14.54	cps
Krypton	83-1	163	173	157	164	5.10	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4699-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT4-	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:29:33	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3457	3547	3477	3494	1.35	cps
Lead	207-1	3007	3050	3234	3097	3.89	cps
Lead	208-1	13866	14140	13943	13983	1.01	cps
Lithium	6-1	2378969	2358001	2378583	2371851	0.51	cps
Magnesium	24-2	76700	76737	86195	79877	6.85	cps
Manganese	55-2	2114	2087	2751	2317	16.22	cps
Molybdenum	94-1	3157	3054	3411	3207	5.73	cps
Molybdenum	95-1	1827	1833	2611	2090	21.56	cps
Molybdenum	96-1	2400	2290	2694	2461	8.48	cps
Molybdenum	97-1	990	1197	1270	1152	12.60	cps
Molybdenum	98-1	2870	2880	3558	3103	12.70	cps
Neodymium	150-1	10	7	17	11	45.82	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	557	603	613	591	5.12	cps
Phosphorus	31-2	490	433	427	450	7.73	cps
Potassium	39-2	111518	111249	114769	112512	1.74	cps
Rhodium	103-1	7481311	7469626	7471872	7474269	0.08	cps
Rhodium	103-2	4040912	4049298	4061492	4050567	0.26	cps
Scandium	45-1	4599283	4592037	4660047	4617122	0.81	cps
Scandium	45-2	397114	395966	401039	398040	0.67	cps
Selenium	82-1	516	496	536	516	3.89	cps
Selenium	77-2	43	43	17	34	44.69	cps
Selenium	78-2	237	207	267	237	12.68	cps
Silicon	28-1	646133	647647	640062	644614	0.62	cps
Silver	107-1	4761	4591	4571	4641	2.25	cps
Silver	109-1	4247	4454	4441	4381	2.64	cps
Sodium	23-2	155519	154674	175699	161964	7.35	cps
Strontium	86-1	1437	1350	1367	1385	3.32	cps
Strontium	88-1	9647	9597	10421	9888	4.67	cps
Sulfur	34-1	233132	234650	234469	234084	0.35	cps
Terbium	159-1	11477854	11584019	11604261	11555378	0.59	cps
Terbium	159-2	6614348	6560759	6669853	6614987	0.82	cps
Thallium	203-1	3814	3887	3611	3771	3.80	cps
Thallium	205-1	8653	9143	8923	8906	2.76	cps
Tin	118-1	3917	3590	3907	3805	4.88	cps
Titanium	47-1	570	530	457	519	11.08	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4699-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT4-	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:29:33	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10721	10768	10798	10762	0.36	cps
Vanadium	51-2	1217	1293	1230	1247	3.29	cps
Yttrium	89-1	13284092	13309670	13299220	13297661	0.10	cps
Yttrium	89-2	2986396	2965008	3022097	2991167	0.96	cps
Zinc	66-2	660	780	740	727	8.41	cps
Zirconium	90-1	6151	6211	5841	6068	3.27	cps
Zirconium	91-1	1290	1293	1420	1335	5.55	cps

LB Number : LB128774 Operator : Jaswal
 Lab Sample ID : O4699-02 Instrumnet Name : P7
 Client Sample ID : LOQ-SOIL-02-QT4-2023 Dilution Factor : 1
 Date & Time Acquired : 2023-12-12 16:33:12 DataFile Name : 023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4251	4361	4374	4328	1.56	cps
Antimony	121-1	16456	16550	16353	16453	0.60	cps
Arsenic	75-2	380	393	493	422	14.67	cps
Barium	135-1	22087	21446	21480	21671	1.67	cps
Barium	137-1	38408	38134	37967	38170	0.58	cps
Beryllium	9-1	2043	2057	2003	2035	1.36	cps
Bismuth	209-1	6027738	6814161	6764149	6535349	6.74	cps
Bismuth	209-2	4493977	4478638	4461593	4478069	0.36	cps
Bromine	81-1	10664	10884	11134	10894	2.16	cps
Bromine	81-2	157	153	110	140	18.60	cps
Cadmium	108-1	187	170	187	181	5.31	cps
Cadmium	106-1	4384	5128	4908	4806	7.95	cps
Cadmium	111-1	3240	3267	3078	3195	3.20	cps
Calcium	43-1	12789	12562	12652	12668	0.90	cps
Calcium	44-1	200847	199819	198449	199705	0.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7799	7732	7729	7753	0.51	cps
Cobalt	59-2	5324	5138	5018	5160	3.00	cps
Copper	63-2	11104	11184	11134	11141	0.36	cps
Dysprosium	156-1	13	3	10	9	57.30	cps
Dysprosium	156-2	7	0	10	6	91.64	cps
Erbium	164-1	90	83	93	89	5.73	cps
Erbium	164-2	70	27	67	54	44.29	cps
Gadolinium	160-1	47	50	70	56	22.71	cps
Gadolinium	160-2	373	387	367	376	2.71	cps
Holmium	165-1	9807322	11223341	11142095	10724253	7.41	cps
Holmium	165-2	6612383	6523187	6716543	6617371	1.46	cps
Indium	115-1	7416623	8421226	8441224	8093024	7.24	cps
Indium	115-2	2586830	2567984	2581450	2578755	0.38	cps
Iron	56-2	157791	157673	154157	156541	1.32	cps
Iron	57-2	4674	4511	4661	4615	1.97	cps
Iron	54-2	10057	9720	9433	9737	3.21	cps
Krypton	83-1	180	137	177	164	14.66	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4699-02	Instrumnet Name :	P7
Client Sample ID :	LOQ-SOIL-02-QT4-2023	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:33:12	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7132	7185	7075	7131	0.77	cps
Lead	207-1	6218	6335	6322	6292	1.02	cps
Lead	208-1	28659	28702	28285	28549	0.80	cps
Lithium	6-1	2127554	2382258	2357659	2289157	6.14	cps
Magnesium	24-2	194638	196515	192865	194673	0.94	cps
Manganese	55-2	2567	2447	2514	2509	2.40	cps
Molybdenum	94-1	16893	17294	16987	17058	1.23	cps
Molybdenum	95-1	20541	20524	20378	20481	0.44	cps
Molybdenum	96-1	22971	23195	22815	22994	0.83	cps
Molybdenum	97-1	12959	12892	13016	12956	0.48	cps
Molybdenum	98-1	32730	33689	32940	33120	1.52	cps
Neodymium	150-1	0	13	17	10	88.20	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	1383	1297	1313	1331	3.46	cps
Phosphorus	31-2	760	700	717	726	4.27	cps
Potassium	39-2	260795	259452	259296	259847	0.32	cps
Rhodium	103-1	6658959	7629689	7574404	7287684	7.48	cps
Rhodium	103-2	4120443	4090073	4113109	4107875	0.39	cps
Scandium	45-1	4106620	4750802	4668918	4508780	7.78	cps
Scandium	45-2	402476	400809	399119	400801	0.42	cps
Selenium	82-1	773	849	832	818	4.85	cps
Selenium	77-2	83	47	47	59	35.94	cps
Selenium	78-2	327	337	297	320	6.51	cps
Silicon	28-1	669616	673577	675986	673060	0.48	cps
Silver	107-1	10457	10254	11064	10592	3.98	cps
Silver	109-1	9767	10084	10164	10005	2.10	cps
Sodium	23-2	342893	341171	339611	341225	0.48	cps
Strontium	86-1	2907	2944	3084	2978	3.13	cps
Strontium	88-1	23709	23889	23569	23723	0.68	cps
Sulfur	34-1	245603	242396	245045	244348	0.70	cps
Terbium	159-1	10085784	11584545	11633271	11101200	7.92	cps
Terbium	159-2	6735066	6592717	6634271	6654018	1.10	cps
Thallium	203-1	8356	8473	8213	8347	1.56	cps
Thallium	205-1	19614	19835	19961	19803	0.89	cps
Tin	118-1	37679	35370	35731	36260	3.43	cps
Titanium	47-1	5361	5428	5218	5335	2.01	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4699-02	Instrumnet Name :	P7
Client Sample ID :	LOQ-SOIL-02-QT4-2023	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:33:12	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	25157	25391	25478	25342	0.65	cps
Vanadium	51-2	14080	14130	14080	14097	0.20	cps
Yttrium	89-1	11731245	13393723	13207440	12777469	7.13	cps
Yttrium	89-2	3050055	3013620	2992102	3018592	0.97	cps
Zinc	66-2	3497	3287	3290	3358	3.58	cps
Zirconium	90-1	14284	14280	14287	14284	0.02	cps
Zirconium	91-1	3200	3160	3217	3193	0.91	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4699-16	Instrumnet Name :	P7
Client Sample ID :	LLOQ-SOIL-QT4-2023	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:36:30	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4537	4297	4247	4361	3.56	cps
Antimony	121-1	15949	16106	16026	16027	0.49	cps
Arsenic	75-2	340	430	340	370	14.04	cps
Barium	135-1	21370	21710	21279	21453	1.06	cps
Barium	137-1	37065	38098	37088	37417	1.58	cps
Beryllium	9-1	2134	2240	2140	2171	2.75	cps
Bismuth	209-1	6775617	6717302	6922591	6805170	1.55	cps
Bismuth	209-2	4418450	4480532	4515205	4471396	1.10	cps
Bromine	81-1	10664	10581	10541	10595	0.59	cps
Bromine	81-2	117	117	147	127	13.67	cps
Cadmium	108-1	127	143	180	150	18.19	cps
Cadmium	106-1	4924	5008	5378	5103	4.73	cps
Cadmium	111-1	2966	3025	3176	3056	3.55	cps
Calcium	43-1	12032	12365	12315	12237	1.47	cps
Calcium	44-1	196657	197424	195843	196641	0.40	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7739	7765	7855	7787	0.79	cps
Cobalt	59-2	5164	5224	5138	5175	0.86	cps
Copper	63-2	10921	10510	10767	10733	1.93	cps
Dysprosium	156-1	20	30	10	20	50.00	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	73	110	80	88	22.25	cps
Erbium	164-2	63	50	33	49	30.75	cps
Gadolinium	160-1	50	37	47	44	15.61	cps
Gadolinium	160-2	357	440	397	398	10.48	cps
Holmium	165-1	11302605	11281712	11274602	11286306	0.13	cps
Holmium	165-2	6543737	6571378	6638861	6584659	0.74	cps
Indium	115-1	8493755	8492671	8449107	8478511	0.30	cps
Indium	115-2	2603127	2589637	2582168	2591644	0.41	cps
Iron	56-2	154919	152619	154117	153885	0.76	cps
Iron	57-2	4771	5034	4958	4921	2.75	cps
Iron	54-2	9743	9473	9820	9679	1.88	cps
Krypton	83-1	213	113	197	174	30.71	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4699-16	Instrumnet Name :	P7
Client Sample ID :	LLOQ-SOIL-QT4-2023	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:36:30	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6872	7002	7099	6991	1.63	cps
Lead	207-1	5975	6115	6332	6140	2.93	cps
Lead	208-1	27772	27765	28545	28027	1.60	cps
Lithium	6-1	2423839	2414464	2412761	2417021	0.25	cps
Magnesium	24-2	194686	193278	191189	193051	0.91	cps
Manganese	55-2	2334	2444	2304	2360	3.12	cps
Molybdenum	94-1	16533	16780	16940	16751	1.22	cps
Molybdenum	95-1	20034	19984	19957	19992	0.19	cps
Molybdenum	96-1	22350	22724	22541	22539	0.83	cps
Molybdenum	97-1	12702	12856	12746	12768	0.62	cps
Molybdenum	98-1	31935	32459	32292	32229	0.83	cps
Neodymium	150-1	10	20	23	18	39.03	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	1317	1350	1360	1342	1.69	cps
Phosphorus	31-2	803	800	697	767	7.91	cps
Potassium	39-2	260497	260122	257884	259501	0.54	cps
Rhodium	103-1	7597196	7714431	7703378	7671668	0.84	cps
Rhodium	103-2	4119338	4163323	4116759	4133140	0.63	cps
Scandium	45-1	4710414	4740782	4716229	4722475	0.34	cps
Scandium	45-2	403390	411133	403554	406026	1.09	cps
Selenium	82-1	785	876	847	836	5.50	cps
Selenium	77-2	33	60	57	50	29.06	cps
Selenium	78-2	280	367	280	309	16.20	cps
Silicon	28-1	697719	710220	693971	700636	1.21	cps
Silver	107-1	10380	10150	10254	10261	1.12	cps
Silver	109-1	9823	10174	10017	10005	1.75	cps
Sodium	23-2	337667	334643	338148	336819	0.56	cps
Strontium	86-1	2737	2764	2874	2791	2.60	cps
Strontium	88-1	23238	23499	23392	23376	0.56	cps
Sulfur	34-1	246000	247269	247685	246984	0.36	cps
Terbium	159-1	11590384	11553131	11622043	11588519	0.30	cps
Terbium	159-2	6582221	6785632	6689400	6685751	1.52	cps
Thallium	203-1	8389	8059	8549	8333	3.00	cps
Thallium	205-1	19240	19481	19895	19539	1.69	cps
Tin	118-1	34625	35941	35093	35220	1.89	cps
Titanium	47-1	5078	5261	5338	5225	2.56	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4699-16	Instrumnet Name :	P7
Client Sample ID :	LLOQ-SOIL-QT4-2023	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:36:30	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	24399	24723	24903	24675	1.04	cps
Vanadium	51-2	14033	14117	13820	13990	1.09	cps
Yttrium	89-1	13482455	13422186	13496019	13466886	0.29	cps
Yttrium	89-2	3018544	3085414	2974495	3026151	1.85	cps
Zinc	66-2	3017	3050	3184	3084	2.86	cps
Zirconium	90-1	14130	14521	14007	14219	1.89	cps
Zirconium	91-1	3124	3077	3117	3106	0.81	cps

LB Number : LB128774 Operator : Jaswal
 Lab Sample ID : O4699-07 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired : 2023-12-12 16:39:45 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1990	2013	1867	1957	4.03	cps
Antimony	121-1	3614	3744	3634	3664	1.91	cps
Arsenic	75-2	163	150	123	146	13.99	cps
Barium	135-1	4531	4437	4377	4449	1.74	cps
Barium	137-1	7769	8162	7812	7915	2.73	cps
Beryllium	9-1	860	890	933	894	4.12	cps
Bismuth	209-1	6845254	6827709	6898200	6857054	0.54	cps
Bismuth	209-2	4544404	4378096	4344442	4422314	2.42	cps
Bromine	81-1	10237	10053	10564	10285	2.51	cps
Bromine	81-2	67	107	93	89	22.91	cps
Cadmium	108-1	110	53	93	86	34.04	cps
Cadmium	106-1	5001	4994	4988	4994	0.13	cps
Cadmium	111-1	1813	1905	1956	1891	3.81	cps
Calcium	43-1	5341	5234	5551	5375	3.00	cps
Calcium	44-1	82332	82486	83528	82782	0.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2514	2497	2604	2538	2.26	cps
Cobalt	59-2	2114	2090	2187	2130	2.37	cps
Copper	63-2	7205	7212	7082	7166	1.02	cps
Dysprosium	156-1	7	3	13	8	65.47	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	103	70	77	83	21.16	cps
Erbium	164-2	87	40	47	58	43.68	cps
Gadolinium	160-1	70	73	50	64	19.58	cps
Gadolinium	160-2	407	367	373	382	5.61	cps
Holmium	165-1	11284838	11291053	11276851	11284247	0.06	cps
Holmium	165-2	6738027	6436336	6425584	6533316	2.71	cps
Indium	115-1	8511784	8566762	8522626	8533724	0.34	cps
Indium	115-2	2613910	2583139	2501681	2566243	2.26	cps
Iron	56-2	100748	99781	100449	100326	0.49	cps
Iron	57-2	3120	3230	3350	3234	3.56	cps
Iron	54-2	6568	6501	6318	6463	2.00	cps
Krypton	83-1	157	177	167	167	6.00	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4699-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:39:45	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3330	3394	3280	3335	1.70	cps
Lead	207-1	3077	3077	2864	3006	4.10	cps
Lead	208-1	13446	13426	13673	13515	1.01	cps
Lithium	6-1	2441485	2386704	2442460	2423550	1.32	cps
Magnesium	24-2	77846	77038	78157	77680	0.74	cps
Manganese	55-2	2134	2174	2180	2162	1.17	cps
Molybdenum	94-1	3174	3264	3144	3194	1.96	cps
Molybdenum	95-1	1743	1900	1693	1779	6.06	cps
Molybdenum	96-1	2247	2250	2334	2277	2.16	cps
Molybdenum	97-1	1127	1090	1123	1113	1.82	cps
Molybdenum	98-1	3037	3000	2744	2927	5.46	cps
Neodymium	150-1	7	17	7	10	57.72	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	707	613	510	610	16.13	cps
Phosphorus	31-2	523	443	447	471	9.61	cps
Potassium	39-2	112471	112874	113250	112865	0.35	cps
Rhodium	103-1	7772540	7590388	7678183	7680370	1.19	cps
Rhodium	103-2	4179956	4060492	4059860	4100103	1.69	cps
Scandium	45-1	4829449	4836596	4848297	4838114	0.20	cps
Scandium	45-2	404403	403256	401765	403141	0.33	cps
Selenium	82-1	564	523	506	531	5.62	cps
Selenium	77-2	30	37	33	33	10.01	cps
Selenium	78-2	193	243	293	243	20.55	cps
Silicon	28-1	671122	677952	678377	675817	0.60	cps
Silver	107-1	4441	4697	4647	4595	2.96	cps
Silver	109-1	4391	4444	4301	4378	1.66	cps
Sodium	23-2	152500	153530	150234	152088	1.11	cps
Strontium	86-1	1363	1333	1347	1348	1.12	cps
Strontium	88-1	9710	9850	9580	9713	1.39	cps
Sulfur	34-1	251774	252066	253448	252429	0.35	cps
Terbium	159-1	11811352	11755979	11486773	11684701	1.49	cps
Terbium	159-2	6624207	6546920	6418054	6529727	1.59	cps
Thallium	203-1	3567	3567	3504	3546	1.03	cps
Thallium	205-1	8329	8583	8556	8489	1.64	cps
Tin	118-1	3834	3744	3587	3722	3.36	cps
Titanium	47-1	610	573	583	589	3.22	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4699-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:39:45	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11051	11151	11031	11078	0.58	cps
Vanadium	51-2	1203	1223	1193	1207	1.27	cps
Yttrium	89-1	13560966	13670384	13669618	13633656	0.46	cps
Yttrium	89-2	3119274	3020924	2965692	3035297	2.56	cps
Zinc	66-2	787	893	733	804	10.13	cps
Zirconium	90-1	6161	6251	6235	6216	0.77	cps
Zirconium	91-1	1357	1340	1303	1333	2.05	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4699-08	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-02-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:43:03	DataFile Name :	026LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4337	4331	4271	4313	0.85	cps
Antimony	121-1	15675	16553	15545	15924	3.44	cps
Arsenic	75-2	407	377	303	362	14.68	cps
Barium	135-1	21303	21066	21152	21174	0.57	cps
Barium	137-1	36747	36787	37519	37018	1.17	cps
Beryllium	9-1	2200	2097	1953	2083	5.95	cps
Bismuth	209-1	6868418	6885838	6993831	6916029	0.98	cps
Bismuth	209-2	4654271	4529232	4423924	4535809	2.54	cps
Bromine	81-1	10724	10894	10754	10791	0.84	cps
Bromine	81-2	120	167	113	133	21.79	cps
Cadmium	108-1	173	160	200	178	11.46	cps
Cadmium	106-1	5148	5084	5034	5089	1.12	cps
Cadmium	111-1	3188	3138	3187	3171	0.90	cps
Calcium	43-1	12499	12362	12702	12521	1.37	cps
Calcium	44-1	196577	198633	198635	197948	0.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7629	7495	7615	7580	0.97	cps
Cobalt	59-2	4998	5204	4871	5024	3.35	cps
Copper	63-2	10320	10594	10854	10589	2.52	cps
Dysprosium	156-1	7	13	13	11	34.61	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	87	70	67	74	14.39	cps
Erbium	164-2	33	43	43	40	14.43	cps
Gadolinium	160-1	67	63	87	72	17.48	cps
Gadolinium	160-2	367	350	353	357	2.47	cps
Holmium	165-1	11427162	11250773	11472475	11383470	1.03	cps
Holmium	165-2	6760311	6708479	6570082	6679624	1.47	cps
Indium	115-1	8562993	8573412	8608354	8581586	0.28	cps
Indium	115-2	2680823	2603863	2595799	2626828	1.79	cps
Iron	56-2	153245	153774	151895	152971	0.63	cps
Iron	57-2	4701	4234	4901	4612	7.42	cps
Iron	54-2	9743	9777	9650	9723	0.68	cps
Krypton	83-1	140	177	127	148	17.52	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4699-08	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-02-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:43:03	DataFile Name :	026LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6982	6989	6972	6981	0.12	cps
Lead	207-1	6268	6191	5861	6107	3.54	cps
Lead	208-1	27344	27638	27658	27547	0.64	cps
Lithium	6-1	2382386	2452981	2489859	2441742	2.24	cps
Magnesium	24-2	188702	193916	192377	191665	1.40	cps
Manganese	55-2	2437	2324	2557	2439	4.78	cps
Molybdenum	94-1	16149	16656	16820	16542	2.11	cps
Molybdenum	95-1	19787	20141	20237	20055	1.18	cps
Molybdenum	96-1	22307	22337	21967	22204	0.93	cps
Molybdenum	97-1	12479	12722	12922	12708	1.75	cps
Molybdenum	98-1	31902	32386	32403	32230	0.88	cps
Neodymium	150-1	17	10	7	11	45.82	cps
Neodymium	150-2	0	7	7	4	86.60	cps
Nickel	60-2	1337	1383	1250	1323	5.11	cps
Phosphorus	31-2	657	673	773	701	9.00	cps
Potassium	39-2	255171	260608	260460	258746	1.20	cps
Rhodium	103-1	7667393	7719695	7952675	7779921	1.95	cps
Rhodium	103-2	4263733	4162604	4111934	4179424	1.85	cps
Scandium	45-1	4848494	4896646	4835096	4860078	0.67	cps
Scandium	45-2	422834	414344	410034	415737	1.57	cps
Selenium	82-1	804	836	882	841	4.64	cps
Selenium	77-2	70	60	60	63	9.12	cps
Selenium	78-2	340	360	337	346	3.65	cps
Silicon	28-1	694828	691379	691846	692684	0.27	cps
Silver	107-1	10404	10167	10274	10282	1.15	cps
Silver	109-1	9603	9987	9757	9782	1.97	cps
Sodium	23-2	330921	334578	333403	332968	0.56	cps
Strontium	86-1	3007	2837	2767	2870	4.30	cps
Strontium	88-1	22801	23098	22834	22911	0.71	cps
Sulfur	34-1	257911	258352	256381	257548	0.40	cps
Terbium	159-1	11900431	11546184	11851498	11766037	1.63	cps
Terbium	159-2	6954062	6790270	6648861	6797731	2.25	cps
Thallium	203-1	7722	8193	8149	8021	3.24	cps
Thallium	205-1	19427	19164	18730	19107	1.84	cps
Tin	118-1	34648	35591	35253	35164	1.36	cps
Titanium	47-1	5251	5494	5388	5378	2.27	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4699-08	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-02-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:43:03	DataFile Name :	026LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	24850	24549	24880	24760	0.74	cps
Vanadium	51-2	13583	13987	13937	13835	1.59	cps
Yttrium	89-1	13687045	13543131	13559808	13596661	0.58	cps
Yttrium	89-2	3171342	3115850	3059021	3115405	1.80	cps
Zinc	66-2	3017	3194	3087	3099	2.87	cps
Zirconium	90-1	14120	14080	13933	14045	0.70	cps
Zirconium	91-1	3024	3194	3357	3191	5.22	cps

LB Number : LB128774 Operator : Jaswal
 Lab Sample ID : O4699-17 Instrumnet Name : P7
 Client Sample ID : LLOQ-WATER-QT4-2023 Dilution Factor : 1
 Date & Time Acquired : 2023-12-12 16:46:19 DataFile Name : 027LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4581	4221	4377	4393	4.11	cps
Antimony	121-1	16002	16166	16323	16164	0.99	cps
Arsenic	75-2	350	407	450	402	12.47	cps
Barium	135-1	21373	21379	21363	21372	0.04	cps
Barium	137-1	36564	37690	37546	37267	1.65	cps
Beryllium	9-1	2147	2294	2224	2221	3.30	cps
Bismuth	209-1	6724607	6910729	6880135	6838490	1.46	cps
Bismuth	209-2	4697560	4674375	4414850	4595595	3.42	cps
Bromine	81-1	10187	10060	10244	10164	0.92	cps
Bromine	81-2	127	120	97	114	13.76	cps
Cadmium	108-1	177	197	203	192	7.22	cps
Cadmium	106-1	5014	5428	5468	5303	4.73	cps
Cadmium	111-1	3036	3188	3108	3111	2.45	cps
Calcium	43-1	12882	12515	12729	12709	1.45	cps
Calcium	44-1	201544	203857	203604	203002	0.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7385	7875	7635	7632	3.21	cps
Cobalt	59-2	5181	5264	5164	5203	1.03	cps
Copper	63-2	10914	11408	11288	11203	2.30	cps
Dysprosium	156-1	17	7	13	12	41.65	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	77	70	100	82	19.16	cps
Erbium	164-2	57	67	47	57	17.65	cps
Gadolinium	160-1	60	43	60	54	17.68	cps
Gadolinium	160-2	333	433	387	384	13.02	cps
Holmium	165-1	11127835	11425943	11528921	11360900	1.83	cps
Holmium	165-2	6923319	6925435	6492953	6780569	3.67	cps
Indium	115-1	8282295	8648433	8756339	8562356	2.90	cps
Indium	115-2	2773806	2732634	2571558	2692666	3.97	cps
Iron	56-2	155070	154916	155583	155189	0.23	cps
Iron	57-2	4938	4741	4454	4711	5.16	cps
Iron	54-2	9747	9763	9580	9697	1.05	cps
Krypton	83-1	213	153	163	177	18.19	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4699-17	Instrumnet Name :	P7
Client Sample ID :	LLOQ-WATER-QT4-2023	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:46:19	DataFile Name :	027LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6785	6898	6902	6862	0.97	cps
Lead	207-1	5975	6188	5961	6041	2.11	cps
Lead	208-1	27221	28255	27064	27513	2.35	cps
Lithium	6-1	2387304	2474463	2478362	2446710	2.10	cps
Magnesium	24-2	192033	193653	195438	193708	0.88	cps
Manganese	55-2	2650	2564	2394	2536	5.15	cps
Molybdenum	94-1	16830	16289	16683	16601	1.68	cps
Molybdenum	95-1	20181	20274	20728	20394	1.44	cps
Molybdenum	96-1	22464	22988	22080	22511	2.02	cps
Molybdenum	97-1	12852	12385	12636	12624	1.85	cps
Molybdenum	98-1	32647	32840	32840	32776	0.34	cps
Neodymium	150-1	10	3	10	8	49.52	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	1400	1410	1530	1447	5.00	cps
Phosphorus	31-2	667	657	727	683	5.54	cps
Potassium	39-2	265013	263230	263490	263911	0.37	cps
Rhodium	103-1	7569702	7771102	7927638	7756147	2.31	cps
Rhodium	103-2	4440341	4291121	4080721	4270728	4.23	cps
Scandium	45-1	4893773	4962469	4969308	4941850	0.85	cps
Scandium	45-2	433519	426721	403649	421296	3.72	cps
Selenium	82-1	863	897	906	889	2.54	cps
Selenium	77-2	87	37	47	57	46.69	cps
Selenium	78-2	330	330	363	341	5.64	cps
Silicon	28-1	724017	736421	736313	732250	0.97	cps
Silver	107-1	10130	10744	10400	10425	2.95	cps
Silver	109-1	9807	10220	9990	10006	2.07	cps
Sodium	23-2	339922	335578	341462	338987	0.90	cps
Strontium	86-1	2910	2984	2807	2900	3.06	cps
Strontium	88-1	23282	23803	23269	23451	1.30	cps
Sulfur	34-1	269523	271061	266011	268865	0.96	cps
Terbium	159-1	11565937	11948838	11877710	11797495	1.73	cps
Terbium	159-2	7087736	6984068	6527768	6866524	4.34	cps
Thallium	203-1	8206	8226	7962	8131	1.80	cps
Thallium	205-1	18539	19147	19154	18947	1.86	cps
Tin	118-1	35313	35056	35109	35160	0.39	cps
Titanium	47-1	5268	5651	5651	5523	4.01	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4699-17	Instrumnet Name :	P7
Client Sample ID :	LLOQ-WATER-QT4-2023	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:46:19	DataFile Name :	027LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	24629	25441	24750	24940	1.76	cps
Vanadium	51-2	14100	14073	13910	14028	0.73	cps
Yttrium	89-1	13409031	13664467	13775793	13616430	1.38	cps
Yttrium	89-2	3272822	3207321	3061239	3180460	3.41	cps
Zinc	66-2	3100	3227	3087	3138	2.46	cps
Zirconium	90-1	14077	14270	14264	14204	0.77	cps
Zirconium	91-1	3024	3197	3100	3107	2.80	cps

LB Number : LB128774 Operator : Jaswal
 Lab Sample ID : O4699-10 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
 Date & Time Acquired : 2023-12-12 16:51:11 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1923	2027	2020	1990	2.91	cps
Antimony	121-1	3584	3637	3737	3653	2.13	cps
Arsenic	75-2	157	147	137	147	6.82	cps
Barium	135-1	4311	4457	4471	4413	2.01	cps
Barium	137-1	7649	7672	7645	7655	0.19	cps
Beryllium	9-1	877	1067	937	960	10.12	cps
Bismuth	209-1	6714138	6625750	6639694	6659861	0.71	cps
Bismuth	209-2	4389833	4442113	4359448	4397132	0.95	cps
Bromine	81-1	9763	10004	9640	9802	1.89	cps
Bromine	81-2	90	110	127	109	16.86	cps
Cadmium	108-1	87	63	83	78	16.23	cps
Cadmium	106-1	4848	4794	4697	4780	1.59	cps
Cadmium	111-1	1862	1881	1771	1838	3.20	cps
Calcium	43-1	5334	5541	5544	5473	2.20	cps
Calcium	44-1	83575	84869	83954	84133	0.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2534	2707	2600	2614	3.35	cps
Cobalt	59-2	2040	2324	2060	2141	7.39	cps
Copper	63-2	7402	7258	7395	7352	1.10	cps
Dysprosium	156-1	7	3	3	4	43.40	cps
Dysprosium	156-2	10	0	10	7	86.60	cps
Erbium	164-1	100	83	67	83	20.00	cps
Erbium	164-2	47	43	63	51	20.96	cps
Gadolinium	160-1	47	83	57	62	30.46	cps
Gadolinium	160-2	400	377	387	388	3.02	cps
Holmium	165-1	11098955	10969651	11061401	11043336	0.60	cps
Holmium	165-2	6524102	6573342	6512454	6536633	0.49	cps
Indium	115-1	8272937	8317009	8235104	8275017	0.50	cps
Indium	115-2	2582883	2632096	2623633	2612871	1.01	cps
Iron	56-2	100244	100707	100406	100452	0.23	cps
Iron	57-2	3314	3350	3374	3346	0.90	cps
Iron	54-2	6221	6168	6675	6355	4.38	cps
Krypton	83-1	130	153	143	142	8.23	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4699-10	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:51:11	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3264	3320	3307	3297	0.90	cps
Lead	207-1	3107	2894	2934	2978	3.81	cps
Lead	208-1	13316	13079	13326	13240	1.06	cps
Lithium	6-1	2417025	2441731	2481919	2446892	1.34	cps
Magnesium	24-2	77631	77936	77554	77707	0.26	cps
Manganese	55-2	2110	1970	2257	2112	6.79	cps
Molybdenum	94-1	3044	3320	3334	3233	5.07	cps
Molybdenum	95-1	1817	1613	1657	1696	6.32	cps
Molybdenum	96-1	2160	2230	2284	2225	2.78	cps
Molybdenum	97-1	1103	1127	1147	1126	1.93	cps
Molybdenum	98-1	2747	2794	2977	2839	4.28	cps
Neodymium	150-1	13	10	3	9	57.30	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	697	623	603	641	7.67	cps
Phosphorus	31-2	517	460	513	497	6.40	cps
Potassium	39-2	113395	113553	114299	113749	0.42	cps
Rhodium	103-1	7524542	7591160	7570931	7562211	0.45	cps
Rhodium	103-2	4104390	4171903	4148655	4141649	0.83	cps
Scandium	45-1	4753451	4858163	4869220	4826945	1.32	cps
Scandium	45-2	405265	411298	406838	407800	0.77	cps
Selenium	82-1	579	550	588	572	3.39	cps
Selenium	77-2	40	47	20	36	39.03	cps
Selenium	78-2	283	160	247	230	27.54	cps
Silicon	28-1	726642	723861	724250	724918	0.21	cps
Silver	107-1	4694	4707	4707	4703	0.16	cps
Silver	109-1	4427	4324	3867	4206	7.09	cps
Sodium	23-2	153735	152227	152338	152767	0.55	cps
Strontium	86-1	1477	1377	1423	1426	3.51	cps
Strontium	88-1	9773	9847	10017	9879	1.26	cps
Sulfur	34-1	270474	272728	271556	271586	0.41	cps
Terbium	159-1	11353344	11525454	11534411	11471069	0.89	cps
Terbium	159-2	6514755	6664727	6464883	6548122	1.59	cps
Thallium	203-1	3397	3484	3417	3433	1.32	cps
Thallium	205-1	8396	8426	8122	8315	2.01	cps
Tin	118-1	3694	3554	3797	3682	3.32	cps
Titanium	47-1	567	523	597	562	6.56	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4699-10	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:51:11	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10204	10524	10738	10489	2.56	cps
Vanadium	51-2	1227	1070	1190	1162	7.05	cps
Yttrium	89-1	13266290	13499898	13140341	13302176	1.37	cps
Yttrium	89-2	3018609	3120350	3037193	3058717	1.77	cps
Zinc	66-2	883	753	873	837	8.65	cps
Zirconium	90-1	5968	5981	5871	5940	1.01	cps
Zirconium	91-1	1293	1293	1427	1338	5.75	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4699-11	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-05-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:54:28	DataFile Name :	029LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4494	4141	4431	4355	4.33	cps
Antimony	121-1	16466	16162	15759	16129	2.20	cps
Arsenic	75-2	407	373	440	407	8.20	cps
Barium	135-1	21346	22064	21760	21723	1.66	cps
Barium	137-1	37202	37727	37556	37495	0.71	cps
Beryllium	9-1	2190	2284	2217	2230	2.16	cps
Bismuth	209-1	6773369	6677218	6625209	6691932	1.12	cps
Bismuth	209-2	4379532	4452582	4369958	4400690	1.03	cps
Bromine	81-1	9797	10254	9703	9918	2.97	cps
Bromine	81-2	140	127	133	133	5.00	cps
Cadmium	108-1	167	163	163	164	1.17	cps
Cadmium	106-1	4948	4938	4968	4951	0.31	cps
Cadmium	111-1	3110	3127	3069	3102	0.95	cps
Calcium	43-1	12906	12912	12926	12914	0.08	cps
Calcium	44-1	202334	204263	203313	203303	0.47	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7178	7602	7395	7392	2.87	cps
Cobalt	59-2	5174	5248	5084	5169	1.58	cps
Copper	63-2	11258	11321	10804	11128	2.53	cps
Dysprosium	156-1	13	3	7	8	65.47	cps
Dysprosium	156-2	20	0	10	10	100.00	cps
Erbium	164-1	77	80	77	78	2.47	cps
Erbium	164-2	60	57	70	62	11.15	cps
Gadolinium	160-1	47	50	60	52	13.28	cps
Gadolinium	160-2	347	363	340	350	3.43	cps
Holmium	165-1	11257998	11131457	10952265	11113907	1.38	cps
Holmium	165-2	6389593	6406121	6515562	6437092	1.06	cps
Indium	115-1	8298238	8350309	8233223	8293923	0.71	cps
Indium	115-2	2607078	2597040	2564810	2589643	0.85	cps
Iron	56-2	155525	154676	155622	155274	0.34	cps
Iron	57-2	4998	4791	4714	4834	3.03	cps
Iron	54-2	9657	9690	9683	9677	0.18	cps
Krypton	83-1	227	173	127	176	28.50	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4699-11	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-05-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:54:28	DataFile Name :	029LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6705	6548	6885	6713	2.51	cps
Lead	207-1	6155	5975	6218	6116	2.07	cps
Lead	208-1	27688	27004	27461	27384	1.27	cps
Lithium	6-1	2453238	2483719	2455692	2464216	0.69	cps
Magnesium	24-2	197430	191173	194051	194218	1.61	cps
Manganese	55-2	2410	2524	2490	2475	2.35	cps
Molybdenum	94-1	16660	16870	16973	16834	0.95	cps
Molybdenum	95-1	20277	20591	19854	20241	1.83	cps
Molybdenum	96-1	22300	22851	22658	22603	1.24	cps
Molybdenum	97-1	12912	12749	12586	12749	1.28	cps
Molybdenum	98-1	32309	32997	32847	32718	1.11	cps
Neodymium	150-1	7	3	17	9	78.08	cps
Neodymium	150-2	3	10	0	4	114.60	cps
Nickel	60-2	1457	1303	1340	1367	5.86	cps
Phosphorus	31-2	700	767	777	748	5.57	cps
Potassium	39-2	267340	263578	264945	265287	0.72	cps
Rhodium	103-1	7701132	7635549	7578913	7638531	0.80	cps
Rhodium	103-2	4152586	4095020	4114618	4120741	0.71	cps
Scandium	45-1	4818055	4796838	4818321	4811072	0.26	cps
Scandium	45-2	404625	403816	404545	404329	0.11	cps
Selenium	82-1	824	861	839	841	2.23	cps
Selenium	77-2	80	60	60	67	17.32	cps
Selenium	78-2	343	343	337	341	1.13	cps
Silicon	28-1	747372	743240	747476	746029	0.32	cps
Silver	107-1	10564	10631	10741	10645	0.84	cps
Silver	109-1	9903	9810	10374	10029	3.01	cps
Sodium	23-2	338669	338256	338388	338438	0.06	cps
Strontium	86-1	2860	3037	2760	2886	4.86	cps
Strontium	88-1	22935	23255	23158	23116	0.71	cps
Sulfur	34-1	274220	271688	272524	272811	0.47	cps
Terbium	159-1	11346377	11530242	11543161	11473260	0.96	cps
Terbium	159-2	6587159	6586633	6563576	6579123	0.20	cps
Thallium	203-1	7966	8173	8022	8054	1.33	cps
Thallium	205-1	19297	19070	18883	19083	1.09	cps
Tin	118-1	35818	35928	37670	36472	2.85	cps
Titanium	47-1	5798	5564	5301	5554	4.48	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4699-11	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-05-QT4-20	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:54:28	DataFile Name :	029LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	25080	24509	25154	24914	1.42	cps
Vanadium	51-2	13750	14013	14407	14057	2.35	cps
Yttrium	89-1	13365765	13418421	13285136	13356440	0.50	cps
Yttrium	89-2	3064564	3092669	3052892	3070042	0.67	cps
Zinc	66-2	3160	3324	3204	3229	2.62	cps
Zirconium	90-1	14410	14637	14007	14352	2.23	cps
Zirconium	91-1	3340	3217	3090	3216	3.89	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4696-01	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-QT4-2023-	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:57:47	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2080	1950	2030	2020	3.25	cps
Antimony	121-1	3457	3620	3480	3519	2.51	cps
Arsenic	75-2	160	137	200	166	19.35	cps
Barium	135-1	4511	4561	4337	4470	2.62	cps
Barium	137-1	8069	7949	7675	7898	2.55	cps
Beryllium	9-1	910	933	1000	948	4.93	cps
Bismuth	209-1	6857200	6728582	6711454	6765745	1.18	cps
Bismuth	209-2	4479159	4373850	4406233	4419747	1.22	cps
Bromine	81-1	9620	9657	9767	9681	0.79	cps
Bromine	81-2	90	97	80	89	9.44	cps
Cadmium	108-1	70	70	67	69	2.79	cps
Cadmium	106-1	5061	4811	4964	4945	2.55	cps
Cadmium	111-1	1863	1883	1893	1880	0.80	cps
Calcium	43-1	5361	5491	5271	5374	2.06	cps
Calcium	44-1	83407	84772	83582	83920	0.88	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2484	2324	2474	2427	3.69	cps
Cobalt	59-2	2083	2174	2190	2149	2.67	cps
Copper	63-2	7535	7709	7382	7542	2.17	cps
Dysprosium	156-1	10	7	20	12	56.76	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	70	100	87	86	17.57	cps
Erbium	164-2	53	53	67	58	13.33	cps
Gadolinium	160-1	37	50	37	41	18.72	cps
Gadolinium	160-2	313	367	393	358	11.39	cps
Holmium	165-1	11313890	11121907	11123851	11186549	0.99	cps
Holmium	165-2	6572941	6512111	6381168	6488740	1.51	cps
Indium	115-1	8474689	8329830	8485362	8429960	1.03	cps
Indium	115-2	2576722	2597480	2553829	2576011	0.85	cps
Iron	56-2	101123	101090	99915	100710	0.68	cps
Iron	57-2	3507	3480	3460	3483	0.67	cps
Iron	54-2	6571	6682	6501	6585	1.38	cps
Krypton	83-1	170	137	200	169	18.76	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4696-01	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-QT4-2023-	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:57:47	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3297	3500	3134	3310	5.55	cps
Lead	207-1	2850	2767	2960	2859	3.39	cps
Lead	208-1	13059	13283	12782	13041	1.92	cps
Lithium	6-1	2551796	2505565	2490823	2516061	1.26	cps
Magnesium	24-2	78338	76814	77624	77592	0.98	cps
Manganese	55-2	2110	1947	2110	2056	4.59	cps
Molybdenum	94-1	3124	3114	3197	3145	1.45	cps
Molybdenum	95-1	1717	1783	1763	1755	1.95	cps
Molybdenum	96-1	2390	2240	2227	2286	3.97	cps
Molybdenum	97-1	1147	1010	1157	1104	7.42	cps
Molybdenum	98-1	2790	2754	2997	2847	4.61	cps
Neodymium	150-1	10	10	3	8	49.52	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	747	607	570	641	14.54	cps
Phosphorus	31-2	473	520	573	522	9.58	cps
Potassium	39-2	113489	114416	112165	113357	1.00	cps
Rhodium	103-1	7813824	7684692	7630321	7709612	1.22	cps
Rhodium	103-2	4159586	4101302	4106091	4122326	0.78	cps
Scandium	45-1	4898524	4885743	4830289	4871519	0.74	cps
Scandium	45-2	407638	400083	400571	402764	1.05	cps
Selenium	82-1	482	571	514	522	8.63	cps
Selenium	77-2	20	33	27	27	24.99	cps
Selenium	78-2	220	267	263	250	10.41	cps
Silicon	28-1	721081	729423	725588	725364	0.58	cps
Silver	107-1	4774	4501	4664	4646	2.96	cps
Silver	109-1	4331	4261	4337	4310	0.99	cps
Sodium	23-2	151557	149958	149275	150263	0.78	cps
Strontium	86-1	1420	1297	1447	1388	5.77	cps
Strontium	88-1	9617	9543	9410	9523	1.10	cps
Sulfur	34-1	275428	274307	273022	274252	0.44	cps
Terbium	159-1	11703065	11719571	11518525	11647054	0.96	cps
Terbium	159-2	6571312	6578447	6511281	6553680	0.56	cps
Thallium	203-1	3527	3484	3721	3577	3.52	cps
Thallium	205-1	8363	8293	8249	8301	0.69	cps
Tin	118-1	3674	3634	3587	3632	1.19	cps
Titanium	47-1	593	567	560	573	3.08	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4696-01	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-QT4-2023-	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 16:57:47	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10678	10307	10985	10657	3.18	cps
Vanadium	51-2	1223	1250	1147	1207	4.45	cps
Yttrium	89-1	13719828	13451155	13369808	13513597	1.36	cps
Yttrium	89-2	3056234	3053658	3020206	3043366	0.66	cps
Zinc	66-2	853	703	867	808	11.23	cps
Zirconium	90-1	6141	5908	5711	5920	3.64	cps
Zirconium	91-1	1423	1230	1393	1349	7.71	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P7
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:01:01	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9241202	9072230	9110714	9141382	0.97	cps
Antimony	121-1	3687155	3734553	3668211	3696640	0.92	cps
Arsenic	75-2	163793	164382	164197	164124	0.18	cps
Barium	135-1	5095286	5079938	5009868	5061698	0.90	cps
Barium	137-1	8866608	8893305	8722045	8827319	1.04	cps
Beryllium	9-1	910460	906969	895518	904316	0.86	cps
Bismuth	209-1	5940639	6031109	6008466	5993405	0.79	cps
Bismuth	209-2	3773174	3810094	3901251	3828173	1.72	cps
Bromine	81-1	8816	9090	8469	8792	3.54	cps
Bromine	81-2	143	180	170	164	11.52	cps
Cadmium	108-1	73223	73696	72580	73166	0.77	cps
Cadmium	106-1	107238	107041	107071	107117	0.10	cps
Cadmium	111-1	932840	937658	922405	930968	0.84	cps
Calcium	43-1	5348141	5233810	5198662	5260204	1.49	cps
Calcium	44-1	84310439	82567000	81859802	82912414	1.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1371688	1392358	1383193	1382413	0.75	cps
Cobalt	59-2	2121442	2130460	2127030	2126310	0.21	cps
Copper	63-2	14192876	14391178	14255131	14279728	0.71	cps
Dysprosium	156-1	1153	1057	1100	1103	4.39	cps
Dysprosium	156-2	683	810	693	729	9.66	cps
Erbium	164-1	240	257	287	261	9.06	cps
Erbium	164-2	97	110	180	129	34.73	cps
Gadolinium	160-1	1023	1060	1173	1086	7.20	cps
Gadolinium	160-2	1067	1037	1023	1042	2.13	cps
Holmium	165-1	10378088	10460135	10424049	10420757	0.39	cps
Holmium	165-2	6065694	6098177	6212555	6125476	1.26	cps
Indium	115-1	7238477	7233113	7136998	7202863	0.79	cps
Indium	115-2	2176624	2189319	2169292	2178412	0.47	cps
Iron	56-2	294487869	297770422	297410956	296556416	0.61	cps
Iron	57-2	7537903	7562529	7493910	7531447	0.46	cps
Iron	54-2	16475891	16610983	16523021	16536632	0.41	cps
Krypton	83-1	167	140	153	153	8.70	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P7
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:01:01	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	15905991	15990341	15948083	15948138	0.26	cps
Lead	207-1	14190364	14096296	14332369	14206343	0.84	cps
Lead	208-1	63488467	63826214	64422287	63912323	0.74	cps
Lithium	6-1	2270018	2224741	2223937	2239565	1.18	cps
Magnesium	24-2	85214195	84321840	83661997	84399344	0.92	cps
Manganese	55-2	9932458	10090540	10035767	10019588	0.80	cps
Molybdenum	94-1	13317168	13294935	13286038	13299380	0.12	cps
Molybdenum	95-1	19152288	19090695	18908831	19050605	0.66	cps
Molybdenum	96-1	21142119	20970251	20872732	20995034	0.65	cps
Molybdenum	97-1	12171040	12083991	11908006	12054346	1.11	cps
Molybdenum	98-1	30986045	30880405	30672386	30846278	0.52	cps
Neodymium	150-1	640	720	600	653	9.35	cps
Neodymium	150-2	187	197	187	190	3.04	cps
Nickel	60-2	528900	532322	529581	530267	0.34	cps
Phosphorus	31-2	94060	94428	96153	94880	1.18	cps
Potassium	39-2	40661669	41237724	40935427	40944940	0.70	cps
Rhodium	103-1	6297339	6228106	6133416	6219621	1.32	cps
Rhodium	103-2	3337006	3311005	3343358	3330456	0.51	cps
Scandium	45-1	4253039	4188252	4195946	4212412	0.84	cps
Scandium	45-2	354356	354462	355404	354740	0.16	cps
Selenium	82-1	58440	58623	57771	58278	0.77	cps
Selenium	77-2	5028	5274	5201	5168	2.45	cps
Selenium	78-2	16606	17013	17354	16991	2.20	cps
Silicon	28-1	34050286	33542137	32877885	33490103	1.76	cps
Silver	107-1	4564646	4561348	4460600	4528865	1.31	cps
Silver	109-1	4381627	4336572	4309129	4342443	0.84	cps
Sodium	23-2	135062445	133753828	133411005	134075759	0.65	cps
Strontium	86-1	31034254	30128135	29709800	30290730	2.24	cps
Strontium	88-1	267632796	265422069	263763116	265605994	0.73	cps
Sulfur	34-1	554989	532676	519146	535603	3.38	cps
Terbium	159-1	10811102	10796362	10769905	10792456	0.19	cps
Terbium	159-2	6067618	6121790	6131667	6107025	0.56	cps
Thallium	203-1	3967052	3986376	3960555	3971328	0.34	cps
Thallium	205-1	9414369	9409193	9310034	9377865	0.63	cps
Tin	118-1	3111011	3177057	3141889	3143319	1.05	cps
Titanium	47-1	4789960	4635118	4620652	4681910	2.00	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P7
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:01:01	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13460141	13720398	13547004	13575848	0.98	cps
Vanadium	51-2	1234389	1247296	1239082	1240256	0.53	cps
Yttrium	89-1	11967445	12092726	11845897	11968689	1.03	cps
Yttrium	89-2	2654569	2704779	2689276	2682874	0.96	cps
Zinc	66-2	2383029	2384361	2378023	2381804	0.14	cps
Zirconium	90-1	6474652	6522014	6360853	6452507	1.28	cps
Zirconium	91-1	1456041	1476128	1439419	1457196	1.26	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P7
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:17:15	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	243	193	227	221	11.51	cps
Antimony	121-1	783	860	867	837	5.54	cps
Arsenic	75-2	0	0	13	4	173.21	cps
Barium	135-1	30	23	20	24	20.83	cps
Barium	137-1	37	50	60	49	23.94	cps
Beryllium	9-1	110	147	180	146	24.05	cps
Bismuth	209-1	6751100	6625105	6665251	6680485	0.96	cps
Bismuth	209-2	4473373	4399303	4392164	4421613	1.02	cps
Bromine	81-1	9540	9443	9823	9602	2.06	cps
Bromine	81-2	90	80	47	72	31.41	cps
Cadmium	108-1	10	3	20	11	75.52	cps
Cadmium	106-1	4167	4171	4394	4244	3.06	cps
Cadmium	111-1	846	845	885	859	2.62	cps
Calcium	43-1	500	460	567	509	10.59	cps
Calcium	44-1	6061	6538	6361	6320	3.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1057	997	1177	1077	8.51	cps
Cobalt	59-2	73	90	83	82	10.20	cps
Copper	63-2	3757	3751	3874	3794	1.83	cps
Dysprosium	156-1	3	0	7	3	100.05	cps
Dysprosium	156-2	13	0	7	7	99.98	cps
Erbium	164-1	83	63	73	73	13.64	cps
Erbium	164-2	40	43	43	42	4.55	cps
Gadolinium	160-1	37	33	63	44	36.99	cps
Gadolinium	160-2	373	387	407	389	4.31	cps
Holmium	165-1	10803288	11071619	10923023	10932643	1.23	cps
Holmium	165-2	6575820	6459478	6505077	6513458	0.90	cps
Indium	115-1	8156210	8157503	8252880	8188865	0.68	cps
Indium	115-2	2536373	2555288	2519721	2537127	0.70	cps
Iron	56-2	8763	9066	9620	9150	4.75	cps
Iron	57-2	927	837	870	878	5.18	cps
Iron	54-2	1337	1313	1320	1323	0.91	cps
Krypton	83-1	187	147	150	161	13.78	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P7
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:17:15	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	643	680	690	671	3.66	cps
Lead	207-1	620	633	687	647	5.46	cps
Lead	208-1	2793	2867	2890	2850	1.77	cps
Lithium	6-1	2407136	2426989	2397879	2410668	0.62	cps
Magnesium	24-2	967	960	1067	998	5.99	cps
Manganese	55-2	113	163	137	138	18.16	cps
Molybdenum	94-1	367	320	420	369	13.56	cps
Molybdenum	95-1	213	213	200	209	3.69	cps
Molybdenum	96-1	227	220	320	256	21.88	cps
Molybdenum	97-1	123	127	107	119	9.01	cps
Molybdenum	98-1	300	330	300	310	5.59	cps
Neodymium	150-1	20	17	3	13	66.16	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	113	93	117	108	11.71	cps
Phosphorus	31-2	387	523	457	456	15.00	cps
Potassium	39-2	64121	63850	63582	63851	0.42	cps
Rhodium	103-1	7408078	7477661	7395551	7427097	0.60	cps
Rhodium	103-2	4039824	4043315	3936905	4006681	1.51	cps
Scandium	45-1	4617809	4632482	4615259	4621850	0.20	cps
Scandium	45-2	395672	392156	394656	394161	0.46	cps
Selenium	82-1	134	216	196	182	23.42	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	153	150	140	148	4.70	cps
Silicon	28-1	679622	680199	681450	680423	0.14	cps
Silver	107-1	157	143	133	144	8.10	cps
Silver	109-1	90	80	67	79	14.84	cps
Sodium	23-2	31552	31803	31910	31755	0.58	cps
Strontium	86-1	383	367	427	392	7.90	cps
Strontium	88-1	980	957	1060	999	5.43	cps
Sulfur	34-1	245600	247483	247483	246855	0.44	cps
Terbium	159-1	11300712	11432076	11224533	11319107	0.93	cps
Terbium	159-2	6636975	6533495	6474328	6548266	1.26	cps
Thallium	203-1	173	210	180	188	10.40	cps
Thallium	205-1	457	437	437	443	2.60	cps
Tin	118-1	770	823	800	798	3.35	cps
Titanium	47-1	117	133	123	124	6.74	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P7
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:17:15	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	47	13	57	39	58.35	cps
Vanadium	51-2	13	17	13	14	13.35	cps
Yttrium	89-1	12976114	12963366	13035144	12991541	0.29	cps
Yttrium	89-2	3004638	3022472	2969034	2998715	0.91	cps
Zinc	66-2	250	333	333	306	15.75	cps
Zirconium	90-1	833	873	903	870	4.04	cps
Zirconium	91-1	127	227	140	164	33.02	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4696-03	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-QT4-2023-07	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:20:30	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2017	1910	2077	2001	4.22	cps
Antimony	121-1	3504	3477	3714	3565	3.64	cps
Arsenic	75-2	157	247	173	192	24.91	cps
Barium	135-1	4481	4397	4337	4405	1.63	cps
Barium	137-1	7662	7896	7939	7832	1.90	cps
Beryllium	9-1	993	963	890	949	5.60	cps
Bismuth	209-1	6693097	6818906	6796846	6769616	0.99	cps
Bismuth	209-2	4408960	4402175	4430854	4413996	0.34	cps
Bromine	81-1	9356	9510	9493	9453	0.89	cps
Bromine	81-2	90	110	63	88	26.67	cps
Cadmium	108-1	67	73	83	74	11.26	cps
Cadmium	106-1	4654	4824	4734	4737	1.80	cps
Cadmium	111-1	1844	1750	1902	1832	4.18	cps
Calcium	43-1	5328	5251	5148	5242	1.72	cps
Calcium	44-1	82124	81313	82281	81906	0.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2657	2417	2374	2482	6.15	cps
Cobalt	59-2	2047	2013	2070	2043	1.39	cps
Copper	63-2	6972	6818	6445	6745	4.02	cps
Dysprosium	156-1	7	13	13	11	34.61	cps
Dysprosium	156-2	10	0	10	7	86.60	cps
Erbium	164-1	67	103	100	90	22.53	cps
Erbium	164-2	57	53	53	54	3.54	cps
Gadolinium	160-1	37	73	83	64	38.12	cps
Gadolinium	160-2	407	387	397	397	2.52	cps
Holmium	165-1	10832092	10962769	11262497	11019119	2.00	cps
Holmium	165-2	6492972	6435116	6480009	6469366	0.47	cps
Indium	115-1	8283775	8373584	8279660	8312340	0.64	cps
Indium	115-2	2577818	2544256	2538872	2553648	0.83	cps
Iron	56-2	100822	99694	99942	100153	0.59	cps
Iron	57-2	3144	3250	3260	3218	2.01	cps
Iron	54-2	6338	6308	6165	6270	1.48	cps
Krypton	83-1	107	140	157	134	18.94	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4696-03	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-QT4-2023-07	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:20:30	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3014	3297	3260	3190	4.83	cps
Lead	207-1	3037	3047	2980	3021	1.19	cps
Lead	208-1	12959	13609	13463	13344	2.56	cps
Lithium	6-1	2431596	2352184	2442588	2408789	2.05	cps
Magnesium	24-2	76643	78700	76003	77115	1.83	cps
Manganese	55-2	2124	2290	1947	2120	8.10	cps
Molybdenum	94-1	3064	3217	3294	3191	3.67	cps
Molybdenum	95-1	1773	1713	1693	1727	2.41	cps
Molybdenum	96-1	2264	2354	2207	2275	3.25	cps
Molybdenum	97-1	1037	1173	1247	1152	9.25	cps
Molybdenum	98-1	2870	2564	2750	2728	5.67	cps
Neodymium	150-1	13	3	10	9	57.30	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	643	670	657	657	2.03	cps
Phosphorus	31-2	600	497	510	536	10.50	cps
Potassium	39-2	112005	111279	111387	111557	0.35	cps
Rhodium	103-1	7426325	7534174	7496856	7485785	0.73	cps
Rhodium	103-2	4057281	4075651	4017612	4050181	0.73	cps
Scandium	45-1	4656488	4752161	4762448	4723699	1.24	cps
Scandium	45-2	402764	398183	401853	400933	0.60	cps
Selenium	82-1	532	524	542	533	1.69	cps
Selenium	77-2	43	17	30	30	44.43	cps
Selenium	78-2	220	213	223	219	2.33	cps
Silicon	28-1	684566	690349	694576	689830	0.73	cps
Silver	107-1	4417	4417	4421	4418	0.04	cps
Silver	109-1	4037	4341	4074	4151	3.99	cps
Sodium	23-2	151675	152113	152748	152179	0.35	cps
Strontium	86-1	1360	1293	1257	1303	4.02	cps
Strontium	88-1	9583	9713	9760	9685	0.95	cps
Sulfur	34-1	252022	253679	251887	252529	0.40	cps
Terbium	159-1	11315734	11417430	11531237	11421467	0.94	cps
Terbium	159-2	6544085	6630234	6585451	6586590	0.65	cps
Thallium	203-1	3621	3591	3520	3577	1.43	cps
Thallium	205-1	8279	8266	8289	8278	0.14	cps
Tin	118-1	3600	3724	3921	3748	4.31	cps
Titanium	47-1	507	557	610	558	9.26	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	O4696-03	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-QT4-2023-07	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:20:30	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10578	10771	10808	10719	1.15	cps
Vanadium	51-2	1177	1183	1153	1171	1.35	cps
Yttrium	89-1	12958492	12975511	13099570	13011191	0.59	cps
Yttrium	89-2	3025032	2995411	2995069	3005170	0.57	cps
Zinc	66-2	760	820	603	728	15.37	cps
Zirconium	90-1	6008	5795	6195	5999	3.34	cps
Zirconium	91-1	1230	1440	1283	1318	8.28	cps

LB Number : LB128774 Operator : Jaswal
 Lab Sample ID : PB157660BL Instrumnet Name : P7
 Client Sample ID : PB157660BL Dilution Factor : 1
 Date & Time Acquired : 2023-12-12 17:23:47 DataFile Name : 034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	190	230	217	212	9.60	cps
Antimony	121-1	90	133	127	117	20.00	cps
Arsenic	75-2	0	7	7	4	86.60	cps
Barium	135-1	17	13	30	20	44.10	cps
Barium	137-1	50	20	37	36	42.27	cps
Beryllium	9-1	103	123	123	117	9.90	cps
Bismuth	209-1	6671328	6699799	6635303	6668810	0.48	cps
Bismuth	209-2	4286918	4377097	4502052	4388689	2.46	cps
Bromine	81-1	9516	9536	9970	9674	2.65	cps
Bromine	81-2	133	90	100	108	21.06	cps
Cadmium	108-1	23	7	3	11	96.43	cps
Cadmium	106-1	4944	4757	4464	4722	5.13	cps
Cadmium	111-1	976	957	897	943	4.35	cps
Calcium	43-1	583	530	460	524	11.79	cps
Calcium	44-1	6081	6368	6398	6282	2.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1130	1120	1063	1105	3.26	cps
Cobalt	59-2	40	90	60	63	39.74	cps
Copper	63-2	3811	3747	3764	3774	0.87	cps
Dysprosium	156-1	3	10	7	7	50.03	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	90	93	53	79	28.14	cps
Erbium	164-2	50	37	43	43	15.38	cps
Gadolinium	160-1	47	33	53	44	22.92	cps
Gadolinium	160-2	377	463	413	418	10.41	cps
Holmium	165-1	10978915	10976018	11019844	10991592	0.22	cps
Holmium	165-2	6302399	6506754	6627500	6478884	2.54	cps
Indium	115-1	8127028	8344648	8065389	8179022	1.79	cps
Indium	115-2	2547739	2533892	2621973	2567868	1.84	cps
Iron	56-2	7502	7469	7412	7461	0.61	cps
Iron	57-2	903	893	867	888	2.14	cps
Iron	54-2	1180	1207	1230	1206	2.08	cps
Krypton	83-1	123	130	150	134	10.32	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157660BL	Instrumnet Name :	P7
Client Sample ID :	PB157660BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:23:47	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	613	713	683	670	7.66	cps
Lead	207-1	537	640	590	589	8.78	cps
Lead	208-1	2540	2773	2567	2627	4.86	cps
Lithium	6-1	2463877	2405936	2359898	2409904	2.16	cps
Magnesium	24-2	487	523	520	510	3.98	cps
Manganese	55-2	87	63	70	73	16.39	cps
Molybdenum	94-1	200	250	227	226	11.09	cps
Molybdenum	95-1	83	57	83	74	20.68	cps
Molybdenum	96-1	107	133	123	121	11.12	cps
Molybdenum	97-1	53	43	47	48	10.66	cps
Molybdenum	98-1	130	103	167	133	23.85	cps
Neodymium	150-1	0	10	27	12	110.23	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	107	107	77	97	17.92	cps
Phosphorus	31-2	437	373	387	399	8.37	cps
Potassium	39-2	62892	62511	63656	63020	0.93	cps
Rhodium	103-1	7513593	7569088	7398095	7493592	1.16	cps
Rhodium	103-2	4009366	4053386	4154270	4072341	1.82	cps
Scandium	45-1	4698880	4766147	4693317	4719448	0.86	cps
Scandium	45-2	394518	399055	412261	401945	2.29	cps
Selenium	82-1	229	216	154	199	20.07	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	147	157	170	158	7.42	cps
Silicon	28-1	699572	697095	712949	703205	1.21	cps
Silver	107-1	143	123	137	134	7.57	cps
Silver	109-1	103	67	110	93	25.00	cps
Sodium	23-2	29264	29438	29097	29267	0.58	cps
Strontium	86-1	307	310	263	293	8.88	cps
Strontium	88-1	270	347	367	328	15.57	cps
Sulfur	34-1	256343	256142	254984	255823	0.29	cps
Terbium	159-1	11342021	11439699	11291511	11357744	0.66	cps
Terbium	159-2	6428212	6504841	6644316	6525790	1.68	cps
Thallium	203-1	207	190	200	199	4.22	cps
Thallium	205-1	383	337	400	373	8.79	cps
Tin	118-1	713	733	907	784	13.55	cps
Titanium	47-1	143	120	113	126	12.55	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157660BL	Instrumnet Name :	P7
Client Sample ID :	PB157660BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:23:47	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23	17	13	18	28.64	cps
Vanadium	51-2	3	3	10	6	69.34	cps
Yttrium	89-1	13120387	13164094	12793581	13026021	1.55	cps
Yttrium	89-2	2974854	2990781	3112231	3025955	2.48	cps
Zinc	66-2	333	347	273	318	12.29	cps
Zirconium	90-1	533	563	607	568	6.49	cps
Zirconium	91-1	133	83	110	109	22.98	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157660BS	Instrumnet Name :	P7
Client Sample ID :	PB157660BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:27:02	DataFile Name :	035LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8089	8045	7822	7985	1.79	cps
Antimony	121-1	29407	28562	29250	29073	1.55	cps
Arsenic	75-2	733	720	650	701	6.38	cps
Barium	135-1	38258	38953	38492	38568	0.92	cps
Barium	137-1	66963	65952	67409	66775	1.12	cps
Beryllium	9-1	3917	3924	3937	3926	0.26	cps
Bismuth	209-1	6632472	6819655	6728353	6726827	1.39	cps
Bismuth	209-2	4361155	4346753	4429355	4379088	1.01	cps
Bromine	81-1	9510	9620	9323	9484	1.58	cps
Bromine	81-2	113	97	67	92	25.64	cps
Cadmium	108-1	340	297	310	316	7.03	cps
Cadmium	106-1	5154	5088	5511	5251	4.34	cps
Cadmium	111-1	4677	4840	4799	4772	1.78	cps
Calcium	43-1	20884	21852	21455	21397	2.27	cps
Calcium	44-1	341690	345516	344510	343905	0.58	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13022	12949	13276	13082	1.31	cps
Cobalt	59-2	9016	9026	9170	9071	0.95	cps
Copper	63-2	16943	16830	17207	16993	1.14	cps
Dysprosium	156-1	10	10	3	8	49.52	cps
Dysprosium	156-2	13	10	3	9	57.30	cps
Erbium	164-1	53	63	73	63	15.79	cps
Erbium	164-2	47	43	33	41	16.89	cps
Gadolinium	160-1	60	47	53	53	12.50	cps
Gadolinium	160-2	393	370	330	364	8.79	cps
Holmium	165-1	11132144	11005375	10948701	11028740	0.85	cps
Holmium	165-2	6473909	6407169	6422801	6434627	0.54	cps
Indium	115-1	8230354	8373098	8245853	8283102	0.95	cps
Indium	115-2	2546204	2494565	2477731	2506167	1.42	cps
Iron	56-2	1083311	1081122	1078761	1081065	0.21	cps
Iron	57-2	28714	27916	28290	28307	1.41	cps
Iron	54-2	60759	61284	61260	61101	0.49	cps
Krypton	83-1	133	133	153	140	8.25	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157660BS	Instrumnet Name :	P7
Client Sample ID :	PB157660BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:27:02	DataFile Name :	035LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	12209	12616	12483	12436	1.67	cps
Lead	207-1	10751	10798	11021	10857	1.33	cps
Lead	208-1	49068	49733	49609	49470	0.71	cps
Lithium	6-1	2470648	2533732	2464981	2489787	1.53	cps
Magnesium	24-2	356815	358829	356481	357375	0.36	cps
Manganese	55-2	4534	4657	4251	4481	4.65	cps
Molybdenum	94-1	30361	30205	30876	30481	1.15	cps
Molybdenum	95-1	35747	36973	37047	36589	2.00	cps
Molybdenum	96-1	40406	41067	41014	40829	0.90	cps
Molybdenum	97-1	22341	23312	22865	22839	2.13	cps
Molybdenum	98-1	58888	59698	59517	59368	0.72	cps
Neodymium	150-1	7	20	3	10	88.20	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	2330	2507	2424	2420	3.65	cps
Phosphorus	31-2	450	323	373	382	16.69	cps
Potassium	39-2	432997	433534	428299	431610	0.67	cps
Rhodium	103-1	7609512	7598283	7610337	7606044	0.09	cps
Rhodium	103-2	4028069	4038859	3935712	4000880	1.42	cps
Scandium	45-1	4785122	4800411	4776672	4787402	0.25	cps
Scandium	45-2	398520	398987	394212	397240	0.66	cps
Selenium	82-1	1363	1478	1501	1447	5.11	cps
Selenium	77-2	97	110	67	91	24.36	cps
Selenium	78-2	523	427	480	477	10.16	cps
Silicon	28-1	797097	798642	793576	796438	0.33	cps
Silver	107-1	18695	18816	18725	18746	0.33	cps
Silver	109-1	17544	17177	17798	17506	1.78	cps
Sodium	23-2	597542	601838	596590	598657	0.47	cps
Strontium	86-1	4991	5314	5068	5124	3.30	cps
Strontium	88-1	41699	42495	42645	42280	1.20	cps
Sulfur	34-1	260718	261841	260048	260869	0.35	cps
Terbium	159-1	11425823	11412529	11598891	11479081	0.91	cps
Terbium	159-2	6473164	6382096	6527692	6460984	1.14	cps
Thallium	203-1	14461	14685	14441	14529	0.93	cps
Thallium	205-1	34063	34550	34574	34396	0.84	cps
Tin	118-1	817	850	943	870	7.55	cps
Titanium	47-1	9717	9950	9770	9812	1.25	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157660BS	Instrumnet Name :	P7
Client Sample ID :	PB157660BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:27:02	DataFile Name :	035LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	44661	46431	45859	45650	1.98	cps
Vanadium	51-2	25245	25625	25685	25518	0.94	cps
Yttrium	89-1	13420181	13354060	13162267	13312170	1.01	cps
Yttrium	89-2	2979060	2999356	3013311	2997242	0.57	cps
Zinc	66-2	5721	5391	5778	5630	3.71	cps
Zirconium	90-1	25616	25829	26030	25825	0.80	cps
Zirconium	91-1	5654	5775	6055	5828	3.52	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157661BL	Instrumnet Name :	P7
Client Sample ID :	PB157661BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:30:21	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	173	137	167	159	12.29	cps
Antimony	121-1	147	160	187	164	12.39	cps
Arsenic	75-2	3	3	7	4	43.40	cps
Barium	135-1	30	20	20	23	24.74	cps
Barium	137-1	27	20	43	30	40.05	cps
Beryllium	9-1	123	103	107	111	9.65	cps
Bismuth	209-1	6597591	6730747	6647436	6658591	1.01	cps
Bismuth	209-2	4374620	4334848	4321258	4343575	0.64	cps
Bromine	81-1	9383	9647	9727	9585	1.88	cps
Bromine	81-2	103	133	117	118	12.77	cps
Cadmium	108-1	30	7	7	14	93.24	cps
Cadmium	106-1	4858	4954	4864	4892	1.10	cps
Cadmium	111-1	957	986	985	976	1.68	cps
Calcium	43-1	633	583	490	569	12.79	cps
Calcium	44-1	6521	6271	6588	6460	2.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1023	1163	1150	1112	6.95	cps
Cobalt	59-2	73	70	53	66	16.35	cps
Copper	63-2	3904	3987	3724	3872	3.48	cps
Dysprosium	156-1	3	7	13	8	65.47	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	77	50	80	69	23.87	cps
Erbium	164-2	53	50	30	44	28.39	cps
Gadolinium	160-1	53	47	70	57	21.21	cps
Gadolinium	160-2	413	407	400	407	1.64	cps
Holmium	165-1	10731268	11132621	10960004	10941298	1.84	cps
Holmium	165-2	6462586	6401489	6297271	6387115	1.31	cps
Indium	115-1	8259648	8281169	8260508	8267108	0.15	cps
Indium	115-2	2576903	2536337	2579363	2564201	0.94	cps
Iron	56-2	6365	7102	6928	6798	5.67	cps
Iron	57-2	873	1000	883	919	7.66	cps
Iron	54-2	1283	1183	1083	1183	8.45	cps
Krypton	83-1	200	213	177	197	9.44	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157661BL	Instrumnet Name :	P7
Client Sample ID :	PB157661BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:30:21	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	497	500	577	524	8.63	cps
Lead	207-1	557	533	613	568	7.25	cps
Lead	208-1	2443	2343	2443	2410	2.40	cps
Lithium	6-1	2497615	2449778	2474173	2473855	0.97	cps
Magnesium	24-2	587	417	560	521	17.54	cps
Manganese	55-2	93	77	70	80	15.02	cps
Molybdenum	94-1	217	197	297	237	22.36	cps
Molybdenum	95-1	90	57	80	76	22.64	cps
Molybdenum	96-1	143	83	120	116	26.18	cps
Molybdenum	97-1	60	37	27	41	41.60	cps
Molybdenum	98-1	90	103	77	90	14.81	cps
Neodymium	150-1	10	3	20	11	75.52	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	117	90	103	103	12.90	cps
Phosphorus	31-2	483	387	430	433	11.18	cps
Potassium	39-2	63970	64472	63843	64095	0.52	cps
Rhodium	103-1	7506786	7605915	7584932	7565878	0.69	cps
Rhodium	103-2	4131777	4114022	4022367	4089389	1.44	cps
Scandium	45-1	4727609	4710007	4745379	4727665	0.37	cps
Scandium	45-2	399943	402563	405795	402767	0.73	cps
Selenium	82-1	115	60	133	103	37.43	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	157	123	113	131	17.31	cps
Silicon	28-1	708887	712953	713072	711637	0.33	cps
Silver	107-1	247	253	193	231	14.23	cps
Silver	109-1	157	177	170	168	6.07	cps
Sodium	23-2	28236	27408	27344	27663	1.80	cps
Strontium	86-1	243	267	273	261	6.03	cps
Strontium	88-1	217	173	180	190	12.28	cps
Sulfur	34-1	261417	264915	266530	264287	0.99	cps
Terbium	159-1	11311640	11278987	11343260	11311296	0.28	cps
Terbium	159-2	6513122	6421753	6511845	6482240	0.81	cps
Thallium	203-1	170	183	163	172	5.91	cps
Thallium	205-1	440	397	353	397	10.92	cps
Tin	118-1	770	850	713	778	8.83	cps
Titanium	47-1	113	87	117	106	15.58	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157661BL	Instrumnet Name :	P7
Client Sample ID :	PB157661BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:30:21	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23	10	17	17	39.99	cps
Vanadium	51-2	7	17	27	17	59.99	cps
Yttrium	89-1	13195605	13193453	13050778	13146612	0.63	cps
Yttrium	89-2	3014175	3004687	3007752	3008871	0.16	cps
Zinc	66-2	303	273	357	311	13.57	cps
Zirconium	90-1	563	617	533	571	7.39	cps
Zirconium	91-1	97	113	87	99	13.62	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157661BS	Instrumnet Name :	P7
Client Sample ID :	PB157661BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:33:36	DataFile Name :	037LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8256	8052	8266	8191	1.47	cps
Antimony	121-1	30242	30022	29611	29958	1.07	cps
Arsenic	75-2	630	723	690	681	6.94	cps
Barium	135-1	39154	39515	39792	39487	0.81	cps
Barium	137-1	68557	69040	67345	68314	1.28	cps
Beryllium	9-1	3941	3797	3831	3856	1.95	cps
Bismuth	209-1	6804899	6670787	6648664	6708117	1.26	cps
Bismuth	209-2	4439782	4395473	4397201	4410819	0.57	cps
Bromine	81-1	9603	9723	9196	9508	2.91	cps
Bromine	81-2	130	87	100	106	21.02	cps
Cadmium	108-1	303	307	320	310	2.85	cps
Cadmium	106-1	5218	5258	5344	5273	1.23	cps
Cadmium	111-1	4975	4614	4772	4787	3.78	cps
Calcium	43-1	22400	21535	21792	21909	2.03	cps
Calcium	44-1	349753	351210	349232	350065	0.29	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13166	13082	13012	13087	0.59	cps
Cobalt	59-2	9426	9206	9116	9250	1.73	cps
Copper	63-2	17340	17310	17884	17511	1.85	cps
Dysprosium	156-1	3	0	3	2	86.60	cps
Dysprosium	156-2	17	3	3	8	99.04	cps
Erbium	164-1	90	83	67	80	15.02	cps
Erbium	164-2	43	50	53	49	10.42	cps
Gadolinium	160-1	37	43	53	44	18.87	cps
Gadolinium	160-2	387	367	450	401	10.85	cps
Holmium	165-1	11002611	10968087	10949425	10973374	0.25	cps
Holmium	165-2	6465064	6396856	6428787	6430236	0.53	cps
Indium	115-1	8226903	8179390	8263678	8223324	0.51	cps
Indium	115-2	2560157	2556583	2541733	2552825	0.38	cps
Iron	56-2	1105592	1100431	1102435	1102819	0.24	cps
Iron	57-2	28868	28040	27993	28300	1.74	cps
Iron	54-2	62516	62861	62201	62526	0.53	cps
Krypton	83-1	117	203	150	157	27.90	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157661BS	Instrumnet Name :	P7
Client Sample ID :	PB157661BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:33:36	DataFile Name :	037LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	12816	12549	12416	12594	1.62	cps
Lead	207-1	11198	11145	10888	11077	1.50	cps
Lead	208-1	50440	50103	49212	49918	1.27	cps
Lithium	6-1	2496640	2429314	2443585	2456513	1.44	cps
Magnesium	24-2	366518	364166	364638	365107	0.34	cps
Manganese	55-2	4644	4751	4884	4760	2.53	cps
Molybdenum	94-1	31821	31537	31684	31681	0.45	cps
Molybdenum	95-1	37835	37565	37986	37795	0.56	cps
Molybdenum	96-1	41629	41900	42207	41912	0.69	cps
Molybdenum	97-1	23559	23576	23663	23599	0.24	cps
Molybdenum	98-1	60732	61217	61187	61046	0.45	cps
Neodymium	150-1	13	13	10	12	15.73	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	2400	2487	2500	2462	2.21	cps
Phosphorus	31-2	390	317	400	369	12.34	cps
Potassium	39-2	441040	441372	441027	441146	0.04	cps
Rhodium	103-1	7590651	7541578	7638426	7590218	0.64	cps
Rhodium	103-2	4041701	4072510	4043824	4052679	0.42	cps
Scandium	45-1	4798520	4755427	4748756	4767567	0.57	cps
Scandium	45-2	402623	400097	402628	401783	0.36	cps
Selenium	82-1	1470	1435	1514	1473	2.70	cps
Selenium	77-2	93	123	80	99	22.45	cps
Selenium	78-2	500	620	477	532	14.45	cps
Silicon	28-1	807447	804210	805687	805781	0.20	cps
Silver	107-1	19216	19400	19630	19415	1.07	cps
Silver	109-1	18055	18572	18208	18278	1.45	cps
Sodium	23-2	604316	603051	601913	603093	0.20	cps
Strontium	86-1	5378	5504	5261	5381	2.26	cps
Strontium	88-1	42180	43040	42705	42642	1.02	cps
Sulfur	34-1	269826	271807	269036	270223	0.53	cps
Terbium	159-1	11349739	11407572	11304561	11353957	0.45	cps
Terbium	159-2	6555820	6490458	6477051	6507776	0.65	cps
Thallium	203-1	14571	14638	14741	14650	0.59	cps
Thallium	205-1	34083	34805	35236	34708	1.68	cps
Tin	118-1	920	863	803	862	6.77	cps
Titanium	47-1	9963	10080	10534	10192	2.96	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157661BS	Instrumnet Name :	P7
Client Sample ID :	PB157661BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:33:36	DataFile Name :	037LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	46290	46544	45785	46206	0.84	cps
Vanadium	51-2	26300	26069	25782	26050	1.00	cps
Yttrium	89-1	13495415	13376508	13137162	13336362	1.37	cps
Yttrium	89-2	3022489	3034927	2955080	3004165	1.43	cps
Zinc	66-2	5748	5848	5908	5835	1.39	cps
Zirconium	90-1	27015	26708	26881	26868	0.57	cps
Zirconium	91-1	6068	5898	5945	5970	1.47	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157662BL	Instrumnet Name :	P7
Client Sample ID :	PB157662BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:36:54	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	190	167	140	166	15.11	cps
Antimony	121-1	133	173	173	160	14.43	cps
Arsenic	75-2	0	7	3	3	100.05	cps
Barium	135-1	23	23	23	23	0.00	cps
Barium	137-1	53	30	37	40	30.04	cps
Beryllium	9-1	93	130	93	106	20.06	cps
Bismuth	209-1	6688477	6636780	6622545	6649267	0.52	cps
Bismuth	209-2	4369542	4403902	4358782	4377409	0.54	cps
Bromine	81-1	9653	9496	9807	9652	1.61	cps
Bromine	81-2	110	130	93	111	16.52	cps
Cadmium	108-1	27	17	23	22	22.91	cps
Cadmium	106-1	4914	4684	4737	4779	2.52	cps
Cadmium	111-1	974	932	941	949	2.34	cps
Calcium	43-1	580	660	490	577	14.75	cps
Calcium	44-1	6398	6308	6688	6465	3.07	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1030	1223	1143	1132	8.58	cps
Cobalt	59-2	83	47	80	70	28.96	cps
Copper	63-2	3761	3754	3707	3741	0.78	cps
Dysprosium	156-1	7	3	7	6	34.70	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	93	67	77	79	17.07	cps
Erbium	164-2	43	43	20	36	37.89	cps
Gadolinium	160-1	23	27	70	40	65.09	cps
Gadolinium	160-2	353	363	367	361	1.92	cps
Holmium	165-1	11039364	10963264	11054252	11018960	0.44	cps
Holmium	165-2	6446935	6534949	6361323	6447736	1.35	cps
Indium	115-1	8247066	8294689	8239691	8260482	0.36	cps
Indium	115-2	2565631	2521199	2515965	2534265	1.08	cps
Iron	56-2	6531	6745	6531	6603	1.87	cps
Iron	57-2	917	943	917	926	1.66	cps
Iron	54-2	1260	1183	1257	1233	3.51	cps
Krypton	83-1	173	200	177	183	7.92	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157662BL	Instrumnet Name :	P7
Client Sample ID :	PB157662BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:36:54	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	557	547	523	542	3.15	cps
Lead	207-1	457	627	540	541	15.71	cps
Lead	208-1	2397	2553	2337	2429	4.61	cps
Lithium	6-1	2428542	2426196	2461681	2438806	0.81	cps
Magnesium	24-2	503	460	497	487	4.80	cps
Manganese	55-2	67	70	67	68	2.84	cps
Molybdenum	94-1	197	237	233	222	9.99	cps
Molybdenum	95-1	53	87	97	79	28.77	cps
Molybdenum	96-1	83	80	133	99	30.22	cps
Molybdenum	97-1	47	23	37	36	32.93	cps
Molybdenum	98-1	80	80	90	83	6.93	cps
Neodymium	150-1	23	27	3	18	71.00	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	117	123	70	103	28.12	cps
Phosphorus	31-2	393	330	333	352	10.12	cps
Potassium	39-2	63984	62802	64074	63620	1.12	cps
Rhodium	103-1	7534928	7581089	7535630	7550549	0.35	cps
Rhodium	103-2	4053035	4028016	4044315	4041789	0.31	cps
Scandium	45-1	4717337	4743599	4776223	4745720	0.62	cps
Scandium	45-2	400014	404351	399586	401317	0.66	cps
Selenium	82-1	164	130	169	154	13.87	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	117	120	197	144	31.33	cps
Silicon	28-1	717461	707795	711396	712217	0.69	cps
Silver	107-1	213	203	183	200	7.64	cps
Silver	109-1	160	167	127	151	14.18	cps
Sodium	23-2	27107	26663	26426	26732	1.29	cps
Strontium	86-1	327	313	250	297	13.81	cps
Strontium	88-1	173	233	207	204	14.70	cps
Sulfur	34-1	267876	267005	268480	267787	0.28	cps
Terbium	159-1	11207127	11517868	11392306	11372434	1.37	cps
Terbium	159-2	6464301	6583610	6526622	6524845	0.91	cps
Thallium	203-1	177	170	113	153	22.69	cps
Thallium	205-1	340	430	437	402	13.42	cps
Tin	118-1	690	703	870	754	13.29	cps
Titanium	47-1	140	107	173	140	23.81	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157662BL	Instrumnet Name :	P7
Client Sample ID :	PB157662BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:36:54	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	27	13	30	23	37.81	cps
Vanadium	51-2	13	10	17	13	25.01	cps
Yttrium	89-1	13253004	13159708	13391017	13267910	0.88	cps
Yttrium	89-2	2998557	3032302	3004002	3011621	0.60	cps
Zinc	66-2	307	337	277	307	9.78	cps
Zirconium	90-1	553	503	640	566	12.23	cps
Zirconium	91-1	107	127	117	117	8.57	cps

LB Number : LB128774 Operator : Jaswal
 Lab Sample ID : PB157663BL Instrumnet Name : P7
 Client Sample ID : PB157663BL Dilution Factor : 1
 Date & Time Acquired : 2023-12-12 17:40:10 DataFile Name : 039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	210	263	200	224	15.17	cps
Antimony	121-1	47	70	70	62	21.65	cps
Arsenic	75-2	0	0	3	1	173.21	cps
Barium	135-1	13	3	37	18	96.24	cps
Barium	137-1	37	23	23	28	27.73	cps
Beryllium	9-1	80	100	117	99	18.57	cps
Bismuth	209-1	6607976	6555759	6450388	6538041	1.23	cps
Bismuth	209-2	3782227	4414017	4372455	4189567	8.43	cps
Bromine	81-1	9286	9550	9250	9362	1.75	cps
Bromine	81-2	117	77	103	99	20.59	cps
Cadmium	108-1	10	23	7	13	66.12	cps
Cadmium	106-1	4891	4664	4641	4732	2.92	cps
Cadmium	111-1	981	930	927	946	3.23	cps
Calcium	43-1	540	610	563	571	6.24	cps
Calcium	44-1	6228	6321	6128	6226	1.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1087	1107	1090	1094	0.98	cps
Cobalt	59-2	63	97	80	80	20.84	cps
Copper	63-2	3827	3704	3777	3769	1.65	cps
Dysprosium	156-1	3	23	7	11	96.43	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	70	80	73	74	6.84	cps
Erbium	164-2	50	43	43	46	8.45	cps
Gadolinium	160-1	77	30	43	50	48.08	cps
Gadolinium	160-2	343	373	360	359	4.19	cps
Holmium	165-1	10939074	10832225	10603451	10791583	1.59	cps
Holmium	165-2	5518643	6399297	6308499	6075480	7.97	cps
Indium	115-1	8264283	8248103	8077927	8196771	1.26	cps
Indium	115-2	2201824	2554633	2571156	2442538	8.54	cps
Iron	56-2	6271	6138	6365	6258	1.82	cps
Iron	57-2	800	840	893	844	5.55	cps
Iron	54-2	1177	1170	1233	1193	2.92	cps
Krypton	83-1	140	177	173	163	12.42	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157663BL	Instrumnet Name :	P7
Client Sample ID :	PB157663BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:40:10	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	513	537	530	527	2.28	cps
Lead	207-1	590	473	507	523	11.48	cps
Lead	208-1	2393	2290	2223	2302	3.72	cps
Lithium	6-1	2473413	2406214	2426496	2435374	1.42	cps
Magnesium	24-2	383	463	467	438	10.78	cps
Manganese	55-2	73	50	80	68	23.24	cps
Molybdenum	94-1	173	113	213	167	30.20	cps
Molybdenum	95-1	53	47	63	54	15.40	cps
Molybdenum	96-1	77	70	113	87	26.92	cps
Molybdenum	97-1	20	27	33	27	24.99	cps
Molybdenum	98-1	50	93	73	72	30.03	cps
Neodymium	150-1	3	10	10	8	49.52	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	123	110	120	118	5.89	cps
Phosphorus	31-2	333	410	380	374	10.32	cps
Potassium	39-2	63435	62876	63729	63347	0.68	cps
Rhodium	103-1	7418184	7371479	7425395	7405019	0.40	cps
Rhodium	103-2	3504298	4019524	4023068	3848964	7.76	cps
Scandium	45-1	4773084	4674482	4641311	4696292	1.46	cps
Scandium	45-2	343288	405152	400335	382925	8.99	cps
Selenium	82-1	203	165	134	168	20.67	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	157	133	107	132	18.92	cps
Silicon	28-1	706123	712323	710579	709675	0.45	cps
Silver	107-1	140	113	117	123	11.78	cps
Silver	109-1	103	73	57	78	30.40	cps
Sodium	23-2	26082	26322	25374	25926	1.90	cps
Strontium	86-1	333	280	280	298	10.34	cps
Strontium	88-1	150	140	143	144	3.52	cps
Sulfur	34-1	267689	268490	269832	268671	0.40	cps
Terbium	159-1	11339073	11223125	11060592	11207597	1.25	cps
Terbium	159-2	5603864	6525252	6547408	6225508	8.65	cps
Thallium	203-1	167	157	167	163	3.53	cps
Thallium	205-1	333	337	400	357	10.53	cps
Tin	118-1	727	763	713	734	3.53	cps
Titanium	47-1	120	120	93	111	13.86	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157663BL	Instrumnet Name :	P7
Client Sample ID :	PB157663BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:40:10	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10	10	7	9	21.63	cps
Vanadium	51-2	3	7	7	6	34.70	cps
Yttrium	89-1	13209527	13111209	12870070	13063602	1.34	cps
Yttrium	89-2	2576562	3007931	2992314	2858935	8.56	cps
Zinc	66-2	280	300	247	276	9.78	cps
Zirconium	90-1	447	473	547	489	10.59	cps
Zirconium	91-1	60	100	113	91	30.47	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157662BS	Instrumnet Name :	P7
Client Sample ID :	PB157662BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:43:28	DataFile Name :	040LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1882811	1866510	1942104	1897142	2.10	cps
Antimony	121-1	3972582	3839568	3857493	3889881	1.86	cps
Arsenic	75-2	168302	168161	168902	168455	0.23	cps
Barium	135-1	5297095	5273659	5232755	5267836	0.62	cps
Barium	137-1	9359918	9127929	9077408	9188418	1.64	cps
Beryllium	9-1	964967	951924	930033	948975	1.86	cps
Bismuth	209-1	6078852	6337046	6446621	6287506	3.00	cps
Bismuth	209-2	4215512	4127914	4115490	4152972	1.31	cps
Bromine	81-1	8289	7969	8086	8115	2.00	cps
Bromine	81-2	63	50	57	57	11.76	cps
Cadmium	108-1	76966	75830	75230	76009	1.16	cps
Cadmium	106-1	113364	110845	112142	112117	1.12	cps
Cadmium	111-1	984550	966283	961560	970798	1.25	cps
Calcium	43-1	1219805	1185995	1221055	1208951	1.65	cps
Calcium	44-1	18290264	17929330	17605597	17941731	1.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1416259	1430374	1445036	1430556	1.01	cps
Cobalt	59-2	2143805	2179860	2144299	2155988	0.96	cps
Copper	63-2	14996279	14972042	15019244	14995855	0.16	cps
Dysprosium	156-1	357	277	303	312	13.05	cps
Dysprosium	156-2	400	307	380	362	13.57	cps
Erbium	164-1	177	107	150	144	24.46	cps
Erbium	164-2	63	123	100	96	31.65	cps
Gadolinium	160-1	267	303	333	301	11.09	cps
Gadolinium	160-2	590	540	513	548	7.11	cps
Holmium	165-1	10127238	10596302	10731802	10485114	3.03	cps
Holmium	165-2	6334177	6234821	6189241	6252747	1.19	cps
Indium	115-1	7282705	7448062	7444310	7391692	1.28	cps
Indium	115-2	2268529	2308075	2263650	2280085	1.07	cps
Iron	56-2	63409226	62955042	63488842	63284370	0.46	cps
Iron	57-2	1574753	1611301	1608374	1598143	1.27	cps
Iron	54-2	3588671	3633564	3519436	3580557	1.61	cps
Krypton	83-1	167	137	173	159	12.29	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157662BS	Instrumnet Name :	P7
Client Sample ID :	PB157662BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:43:28	DataFile Name :	040LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	16783141	16724276	16764550	16757323	0.18	cps
Lead	207-1	14977624	15127395	14968096	15024371	0.59	cps
Lead	208-1	67456725	67693394	67489204	67546441	0.19	cps
Lithium	6-1	2273875	2346420	2340827	2320374	1.74	cps
Magnesium	24-2	17544634	17594955	17427009	17522199	0.49	cps
Manganese	55-2	10573685	10559229	10591329	10574748	0.15	cps
Molybdenum	94-1	13975890	13655287	13472001	13701060	1.86	cps
Molybdenum	95-1	20169206	19759013	19390468	19772896	1.97	cps
Molybdenum	96-1	21964886	21418316	21313132	21565445	1.62	cps
Molybdenum	97-1	12595077	12295164	12273172	12387805	1.45	cps
Molybdenum	98-1	32380880	31863207	31429267	31891118	1.49	cps
Neodymium	150-1	397	473	413	428	9.43	cps
Neodymium	150-2	107	67	103	92	24.06	cps
Nickel	60-2	550412	554904	552485	552600	0.41	cps
Phosphorus	31-2	100497	99756	99128	99794	0.69	cps
Potassium	39-2	8837012	8788760	9010165	8878646	1.31	cps
Rhodium	103-1	6377607	6713910	6623729	6571749	2.65	cps
Rhodium	103-2	3644307	3668589	3647991	3653629	0.36	cps
Scandium	45-1	4156861	4312836	4251147	4240281	1.85	cps
Scandium	45-2	368984	364533	369601	367706	0.75	cps
Selenium	82-1	61530	61248	60455	61078	0.91	cps
Selenium	77-2	5381	5321	5231	5311	1.42	cps
Selenium	78-2	18001	17767	17848	17872	0.66	cps
Silicon	28-1	31072823	30361735	29777180	30403913	2.13	cps
Silver	107-1	4937366	4793982	4780458	4837269	1.80	cps
Silver	109-1	4698503	4572876	4579436	4616938	1.53	cps
Sodium	23-2	28514121	28308297	28355430	28392616	0.38	cps
Strontium	86-1	31973082	31212973	31203749	31463268	1.40	cps
Strontium	88-1	280778936	276685983	271773816	276412911	1.63	cps
Sulfur	34-1	584925	558748	541650	561775	3.88	cps
Terbium	159-1	10423714	11160993	10923820	10836175	3.47	cps
Terbium	159-2	6294351	6267669	6236029	6266016	0.47	cps
Thallium	203-1	4208266	4161914	4151669	4173949	0.72	cps
Thallium	205-1	9890089	9877935	9913140	9893721	0.18	cps
Tin	118-1	3364862	3305498	3262423	3310928	1.55	cps
Titanium	47-1	4919512	4768056	4669603	4785724	2.63	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157662BS	Instrumnet Name :	P7
Client Sample ID :	PB157662BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:43:28	DataFile Name :	040LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13909931	13895745	13694103	13833260	0.87	cps
Vanadium	51-2	1276285	1286802	1286971	1283353	0.48	cps
Yttrium	89-1	11820792	12334778	12192510	12116027	2.19	cps
Yttrium	89-2	2796918	2764721	2758135	2773258	0.75	cps
Zinc	66-2	2551216	2524188	2533736	2536380	0.54	cps
Zirconium	90-1	6717260	6642691	6590492	6650148	0.96	cps
Zirconium	91-1	1507965	1481917	1475859	1488580	1.15	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157663BS	Instrumnet Name :	P7
Client Sample ID :	PB157663BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:46:10	DataFile Name :	041LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1904777	1885536	1898771	1896361	0.52	cps
Antimony	121-1	3780275	3834978	3892613	3835956	1.46	cps
Arsenic	75-2	167378	169907	168838	168708	0.75	cps
Barium	135-1	5100482	5209613	5229346	5179814	1.34	cps
Barium	137-1	8861762	8997922	9083672	8981119	1.25	cps
Beryllium	9-1	900024	916639	922462	913042	1.28	cps
Bismuth	209-1	6488182	6463104	6510784	6487357	0.37	cps
Bismuth	209-2	4251517	4158758	4138758	4183011	1.44	cps
Bromine	81-1	8106	8379	8122	8202	1.87	cps
Bromine	81-2	40	103	73	72	43.87	cps
Cadmium	108-1	73800	74229	75207	74412	0.97	cps
Cadmium	106-1	107168	109626	109200	108665	1.21	cps
Cadmium	111-1	943080	957070	963000	954383	1.07	cps
Calcium	43-1	1179471	1208393	1204600	1197488	1.31	cps
Calcium	44-1	17001452	17342637	17457725	17267271	1.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1447428	1416145	1476374	1446649	2.08	cps
Cobalt	59-2	2177260	2164803	2163125	2168396	0.36	cps
Copper	63-2	15057106	15091414	14959549	15036023	0.46	cps
Dysprosium	156-1	347	330	313	330	5.05	cps
Dysprosium	156-2	373	407	390	390	4.27	cps
Erbium	164-1	167	173	163	168	3.03	cps
Erbium	164-2	100	87	97	94	7.35	cps
Gadolinium	160-1	287	273	290	283	3.11	cps
Gadolinium	160-2	490	490	463	481	3.20	cps
Holmium	165-1	10814630	10817013	10770900	10800848	0.24	cps
Holmium	165-2	6306479	6336369	6355986	6332945	0.39	cps
Indium	115-1	7536494	7582810	7508894	7542733	0.50	cps
Indium	115-2	2327880	2338296	2328964	2331713	0.25	cps
Iron	56-2	63375024	63483047	62416344	63091472	0.93	cps
Iron	57-2	1609965	1609519	1563567	1594350	1.67	cps
Iron	54-2	3611566	3620192	3579725	3603828	0.59	cps
Krypton	83-1	170	160	137	156	11.00	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157663BS	Instrumnet Name :	P7
Client Sample ID :	PB157663BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:46:10	DataFile Name :	041LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	16452239	16717341	16933083	16700888	1.44	cps
Lead	207-1	14766338	15040609	15073959	14960302	1.13	cps
Lead	208-1	66127042	67431431	67952875	67170449	1.40	cps
Lithium	6-1	2314363	2307228	2286421	2302671	0.63	cps
Magnesium	24-2	17455403	17625496	17516721	17532540	0.49	cps
Manganese	55-2	10527579	10624992	10493406	10548659	0.65	cps
Molybdenum	94-1	13242943	13473568	13556494	13424335	1.21	cps
Molybdenum	95-1	19004910	19196082	19279950	19160314	0.74	cps
Molybdenum	96-1	20792329	20879379	21031206	20900971	0.58	cps
Molybdenum	97-1	11949724	12129666	12157533	12078974	0.93	cps
Molybdenum	98-1	30881872	31247360	31477915	31202382	0.96	cps
Neodymium	150-1	553	497	453	501	10.01	cps
Neodymium	150-2	107	107	133	116	13.32	cps
Nickel	60-2	553776	550164	548413	550784	0.50	cps
Phosphorus	31-2	99527	99011	99574	99371	0.31	cps
Potassium	39-2	8832113	8781391	8843815	8819106	0.38	cps
Rhodium	103-1	6771861	6689435	6679417	6713571	0.76	cps
Rhodium	103-2	3676204	3661764	3655764	3664577	0.29	cps
Scandium	45-1	4294688	4229355	4245779	4256608	0.80	cps
Scandium	45-2	368235	373616	370654	370835	0.73	cps
Selenium	82-1	59598	59624	59662	59628	0.05	cps
Selenium	77-2	5431	5341	5124	5299	2.98	cps
Selenium	78-2	17684	18208	17744	17879	1.60	cps
Silicon	28-1	29111407	29111285	29170030	29130908	0.12	cps
Silver	107-1	4687578	4691189	4725017	4701262	0.44	cps
Silver	109-1	4423022	4459446	4467300	4449922	0.53	cps
Sodium	23-2	28425930	28136027	28297567	28286508	0.51	cps
Strontium	86-1	30507399	30665321	30775633	30649451	0.44	cps
Strontium	88-1	264528189	272149136	270534903	269070743	1.49	cps
Sulfur	34-1	506804	506519	506364	506562	0.04	cps
Terbium	159-1	11126537	11003115	11079800	11069817	0.56	cps
Terbium	159-2	6388799	6403351	6312527	6368226	0.77	cps
Thallium	203-1	4072417	4154480	4237355	4154751	1.98	cps
Thallium	205-1	9709185	9757633	9950440	9805752	1.30	cps
Tin	118-1	3196449	3280518	3274858	3250609	1.45	cps
Titanium	47-1	4577015	4696253	4676602	4649956	1.37	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157663BS	Instrumnet Name :	P7
Client Sample ID :	PB157663BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:46:10	DataFile Name :	041LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13598339	13650066	13998171	13748859	1.58	cps
Vanadium	51-2	1291103	1280820	1278773	1283566	0.51	cps
Yttrium	89-1	12386879	12289197	12232744	12302940	0.63	cps
Yttrium	89-2	2817899	2794978	2787397	2800091	0.57	cps
Zinc	66-2	2567164	2522984	2504971	2531706	1.26	cps
Zirconium	90-1	6420477	6477111	6523749	6473779	0.80	cps
Zirconium	91-1	1429842	1439903	1456109	1441951	0.92	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157664BS	Instrumnet Name :	P7
Client Sample ID :	PB157664BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:48:59	DataFile Name :	042DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1865979	1861444	1877636	1868353	0.45	cps
Antimony	121-1	3762915	3801242	3865909	3810022	1.37	cps
Arsenic	75-2	167776	164895	164648	165773	1.05	cps
Barium	135-1	5077746	5075756	5175767	5109756	1.12	cps
Barium	137-1	8756020	9006858	9014173	8925684	1.65	cps
Beryllium	9-1	886574	892803	902281	893886	0.88	cps
Bismuth	209-1	6406662	6278231	5527001	6070631	7.83	cps
Bismuth	209-2	4196657	4127394	4202317	4175456	1.00	cps
Bromine	81-1	7976	8279	8102	8119	1.88	cps
Bromine	81-2	97	57	70	74	27.36	cps
Cadmium	108-1	72359	73900	75341	73867	2.02	cps
Cadmium	106-1	106668	108139	107575	107460	0.69	cps
Cadmium	111-1	930611	942903	957422	943645	1.42	cps
Calcium	43-1	1161750	1185114	1191341	1179402	1.32	cps
Calcium	44-1	16825078	17059347	17167061	17017162	1.03	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1412030	1389722	1378020	1393257	1.24	cps
Cobalt	59-2	2131208	2144431	2128353	2134664	0.40	cps
Copper	63-2	14872830	14579706	14688658	14713731	1.01	cps
Dysprosium	156-1	327	333	267	309	11.89	cps
Dysprosium	156-2	297	313	393	334	15.45	cps
Erbium	164-1	147	130	150	142	7.53	cps
Erbium	164-2	103	113	103	107	5.41	cps
Gadolinium	160-1	290	287	257	278	6.61	cps
Gadolinium	160-2	477	540	453	490	9.15	cps
Holmium	165-1	10598322	10525044	8903088	10008818	9.57	cps
Holmium	165-2	6280820	6333205	6274624	6296217	0.51	cps
Indium	115-1	7515596	7432041	6431787	7126475	8.46	cps
Indium	115-2	2312796	2300865	2334358	2316006	0.73	cps
Iron	56-2	62104139	61915009	61963362	61994170	0.16	cps
Iron	57-2	1582692	1597448	1593001	1591047	0.48	cps
Iron	54-2	3544325	3486013	3483914	3504751	0.98	cps
Krypton	83-1	133	123	177	144	19.62	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157664BS	Instrumnet Name :	P7
Client Sample ID :	PB157664BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:48:59	DataFile Name :	042DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	16480188	16622025	16517705	16539973	0.44	cps
Lead	207-1	14658837	14943456	14927085	14843126	1.08	cps
Lead	208-1	65707041	66545615	67035761	66429472	1.01	cps
Lithium	6-1	2323974	2233483	1995022	2184160	7.78	cps
Magnesium	24-2	17123260	17187596	17029397	17113418	0.46	cps
Manganese	55-2	10384835	10379820	10356140	10373598	0.15	cps
Molybdenum	94-1	13034077	13158107	13436790	13209658	1.56	cps
Molybdenum	95-1	18825439	19129933	19177070	19044147	1.00	cps
Molybdenum	96-1	20541981	20750216	20867251	20719816	0.80	cps
Molybdenum	97-1	11790036	11897863	12151527	11946475	1.55	cps
Molybdenum	98-1	30289045	30730216	30828098	30615786	0.94	cps
Neodymium	150-1	433	407	420	420	3.17	cps
Neodymium	150-2	120	97	113	110	10.92	cps
Nickel	60-2	540539	539659	538097	539432	0.23	cps
Phosphorus	31-2	97485	96122	97877	97161	0.95	cps
Potassium	39-2	8648270	8586333	8691096	8641900	0.61	cps
Rhodium	103-1	6699646	6510213	5617646	6275835	9.21	cps
Rhodium	103-2	3675204	3634447	3666080	3658577	0.58	cps
Scandium	45-1	4197641	4113922	3583548	3965037	8.40	cps
Scandium	45-2	368207	368217	367040	367821	0.18	cps
Selenium	82-1	58284	59240	59418	58981	1.03	cps
Selenium	77-2	5344	5221	5324	5297	1.25	cps
Selenium	78-2	17771	17844	17340	17652	1.54	cps
Silicon	28-1	28288236	28485043	28783639	28518973	0.87	cps
Silver	107-1	4599322	4644334	4713354	4652337	1.23	cps
Silver	109-1	4420970	4432077	4464380	4439142	0.51	cps
Sodium	23-2	27959534	27607628	27523503	27696888	0.84	cps
Strontium	86-1	30213754	30191711	30303500	30236322	0.20	cps
Strontium	88-1	263565569	263818769	265521929	264302089	0.40	cps
Sulfur	34-1	499488	500880	502028	500799	0.25	cps
Terbium	159-1	11065624	10878192	9250320	10398045	9.60	cps
Terbium	159-2	6406656	6327943	6353630	6362743	0.63	cps
Thallium	203-1	4091949	4122371	4118519	4110946	0.40	cps
Thallium	205-1	9566460	9734897	9706188	9669182	0.93	cps
Tin	118-1	3174848	3230577	3237462	3214296	1.07	cps
Titanium	47-1	4492021	4551101	4622848	4555324	1.44	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157664BS	Instrumnet Name :	P7
Client Sample ID :	PB157664BS	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:48:59	DataFile Name :	042DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13301611	13440405	13629876	13457297	1.22	cps
Vanadium	51-2	1260561	1257625	1252250	1256812	0.34	cps
Yttrium	89-1	12248475	12035701	10341614	11541930	9.05	cps
Yttrium	89-2	2809487	2770248	2823963	2801232	0.99	cps
Zinc	66-2	2514949	2444620	2521590	2493720	1.71	cps
Zirconium	90-1	6326349	6431952	6407122	6388474	0.86	cps
Zirconium	91-1	1423688	1423458	1451656	1432934	1.13	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P7
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:51:40	DataFile Name :	043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9043918	8879685	8995983	8973195	0.94	cps
Antimony	121-1	3585419	3617169	3577859	3593482	0.58	cps
Arsenic	75-2	160170	160921	159833	160308	0.35	cps
Barium	135-1	4957228	4878700	4941124	4925684	0.84	cps
Barium	137-1	8618441	8563553	8509826	8563940	0.63	cps
Beryllium	9-1	861106	872978	869779	867954	0.71	cps
Bismuth	209-1	5917830	5967133	5844280	5909748	1.05	cps
Bismuth	209-2	3828180	3735379	3834070	3799210	1.46	cps
Bromine	81-1	8796	8616	8693	8702	1.04	cps
Bromine	81-2	173	147	147	156	9.90	cps
Cadmium	108-1	71050	69981	70822	70617	0.80	cps
Cadmium	106-1	102155	104160	102998	103104	0.98	cps
Cadmium	111-1	881824	889476	889578	886959	0.50	cps
Calcium	43-1	4919965	4918492	4997825	4945427	0.92	cps
Calcium	44-1	78317957	78917994	79093427	78776459	0.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1347402	1354636	1340781	1347606	0.51	cps
Cobalt	59-2	2080688	2039722	2052540	2057650	1.02	cps
Copper	63-2	13604467	13731854	13549860	13628727	0.69	cps
Dysprosium	156-1	990	973	1123	1029	7.99	cps
Dysprosium	156-2	807	797	787	797	1.26	cps
Erbium	164-1	257	240	293	263	10.36	cps
Erbium	164-2	173	127	153	151	15.49	cps
Gadolinium	160-1	1203	1033	1000	1079	10.11	cps
Gadolinium	160-2	930	1010	943	961	4.46	cps
Holmium	165-1	10370520	10199772	10293677	10287990	0.83	cps
Holmium	165-2	6102543	5932539	6038472	6024518	1.43	cps
Indium	115-1	7186665	7057237	7133206	7125703	0.91	cps
Indium	115-2	2223604	2138616	2194483	2185568	1.98	cps
Iron	56-2	291085296	292111536	292434269	291877033	0.24	cps
Iron	57-2	7299842	7244257	7367788	7303962	0.85	cps
Iron	54-2	16185597	16097103	16262666	16181789	0.51	cps
Krypton	83-1	160	133	133	142	10.82	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P7
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:51:40	DataFile Name :	043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	15415748	15601033	15534836	15517205	0.61	cps
Lead	207-1	13780699	13792243	13902304	13825082	0.49	cps
Lead	208-1	61837830	62642214	62117667	62199237	0.66	cps
Lithium	6-1	2200559	2172178	2202091	2191609	0.77	cps
Magnesium	24-2	83862334	82075869	82241452	82726552	1.19	cps
Manganese	55-2	10018370	9877158	9906611	9934047	0.75	cps
Molybdenum	94-1	12800089	12938582	12788924	12842531	0.65	cps
Molybdenum	95-1	18570181	18592242	18405019	18522481	0.55	cps
Molybdenum	96-1	20177700	20233698	20216318	20209239	0.14	cps
Molybdenum	97-1	11461829	11695388	11539917	11565711	1.03	cps
Molybdenum	98-1	29684158	30055290	29799872	29846440	0.64	cps
Neodymium	150-1	563	663	643	623	8.49	cps
Neodymium	150-2	190	193	190	191	1.01	cps
Nickel	60-2	519984	509225	515619	514942	1.05	cps
Phosphorus	31-2	93547	92936	94771	93751	1.00	cps
Potassium	39-2	40553978	40482714	40494389	40510360	0.09	cps
Rhodium	103-1	6132855	6078062	6048323	6086413	0.70	cps
Rhodium	103-2	3337936	3305320	3320303	3321187	0.49	cps
Scandium	45-1	4144654	4087071	4060276	4097334	1.05	cps
Scandium	45-2	357506	350288	348056	351950	1.40	cps
Selenium	82-1	55399	56572	56474	56148	1.16	cps
Selenium	77-2	5068	4978	4978	5008	1.04	cps
Selenium	78-2	16363	16636	16740	16579	1.18	cps
Silicon	28-1	31810591	31750130	31970538	31843753	0.36	cps
Silver	107-1	4384063	4367830	4341170	4364354	0.50	cps
Silver	109-1	4197473	4154489	4187790	4179917	0.54	cps
Sodium	23-2	131648515	132036028	131555315	131746619	0.19	cps
Strontium	86-1	29192842	29226325	29306511	29241893	0.20	cps
Strontium	88-1	256901150	256872430	256757490	256843690	0.03	cps
Sulfur	34-1	501571	497349	499375	499432	0.42	cps
Terbium	159-1	10701500	10477322	10521729	10566850	1.12	cps
Terbium	159-2	6090733	6027624	5996435	6038264	0.80	cps
Thallium	203-1	3895483	3921283	3959806	3925524	0.82	cps
Thallium	205-1	9185394	9257563	9106498	9183151	0.82	cps
Tin	118-1	3060905	3066201	3111814	3079640	0.91	cps
Titanium	47-1	4459123	4456842	4507152	4474372	0.63	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P7
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 17:51:40	DataFile Name :	043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13242791	13388082	13152044	13260973	0.90	cps
Vanadium	51-2	1221025	1218353	1221325	1220234	0.13	cps
Yttrium	89-1	11829546	11777168	11694631	11767115	0.58	cps
Yttrium	89-2	2681891	2670985	2652873	2668583	0.55	cps
Zinc	66-2	2314316	2318738	2330005	2321020	0.35	cps
Zirconium	90-1	6171409	6301471	6306003	6259628	1.22	cps
Zirconium	91-1	1402755	1409059	1416365	1409393	0.48	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P7
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 18:11:02	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	273	327	363	321	14.09	cps
Antimony	121-1	1040	1107	1180	1109	6.32	cps
Arsenic	75-2	3	10	13	9	57.30	cps
Barium	135-1	33	13	33	27	43.31	cps
Barium	137-1	73	70	53	66	16.35	cps
Beryllium	9-1	250	157	190	199	23.78	cps
Bismuth	209-1	6782256	6723691	6715346	6740431	0.54	cps
Bismuth	209-2	4553249	4460345	4509211	4507602	1.03	cps
Bromine	81-1	9637	9823	9440	9633	1.99	cps
Bromine	81-2	87	87	93	89	4.33	cps
Cadmium	108-1	10	23	7	13	66.12	cps
Cadmium	106-1	4564	4267	4371	4401	3.42	cps
Cadmium	111-1	922	844	889	885	4.46	cps
Calcium	43-1	597	577	590	588	1.73	cps
Calcium	44-1	6328	6558	6848	6578	3.96	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1143	1147	1193	1161	2.41	cps
Cobalt	59-2	107	113	93	104	9.75	cps
Copper	63-2	3944	3881	3634	3819	4.29	cps
Dysprosium	156-1	13	3	0	6	124.93	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	103	77	70	83	21.17	cps
Erbium	164-2	40	60	40	47	24.74	cps
Gadolinium	160-1	50	40	53	48	14.52	cps
Gadolinium	160-2	440	393	340	391	12.79	cps
Holmium	165-1	11312689	11100423	11044359	11152490	1.27	cps
Holmium	165-2	6663014	6570158	6512531	6581901	1.15	cps
Indium	115-1	8403979	8330071	8269075	8334375	0.81	cps
Indium	115-2	2629395	2571701	2579289	2593462	1.21	cps
Iron	56-2	12065	13590	15128	13594	11.26	cps
Iron	57-2	940	1037	1087	1021	7.30	cps
Iron	54-2	1383	1570	1667	1540	9.35	cps
Krypton	83-1	177	163	177	172	4.47	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P7
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 18:11:02	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	833	977	760	857	12.86	cps
Lead	207-1	793	800	670	754	9.70	cps
Lead	208-1	3337	3697	3294	3442	6.43	cps
Lithium	6-1	2477634	2395329	2382161	2418375	2.14	cps
Magnesium	24-2	1550	1960	2124	1878	15.73	cps
Manganese	55-2	227	267	337	277	20.12	cps
Molybdenum	94-1	430	497	523	483	9.95	cps
Molybdenum	95-1	263	247	300	270	10.11	cps
Molybdenum	96-1	293	300	390	328	16.47	cps
Molybdenum	97-1	150	160	220	177	21.43	cps
Molybdenum	98-1	433	367	523	441	17.82	cps
Neodymium	150-1	7	10	3	7	50.03	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	137	103	113	118	14.53	cps
Phosphorus	31-2	473	330	407	403	17.78	cps
Potassium	39-2	64010	62812	63264	63362	0.95	cps
Rhodium	103-1	7637742	7563176	7556035	7585651	0.60	cps
Rhodium	103-2	4101091	4119917	4046737	4089248	0.93	cps
Scandium	45-1	4810123	4716145	4748378	4758215	1.00	cps
Scandium	45-2	403477	398863	397542	399961	0.78	cps
Selenium	82-1	178	171	192	180	6.04	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	160	160	107	142	21.65	cps
Silicon	28-1	683440	679738	684080	682419	0.34	cps
Silver	107-1	157	157	183	166	9.30	cps
Silver	109-1	113	137	120	123	9.74	cps
Sodium	23-2	32818	32284	32975	32692	1.11	cps
Strontium	86-1	413	327	390	377	11.91	cps
Strontium	88-1	1003	1233	2144	1460	41.29	cps
Sulfur	34-1	241452	242450	243639	242514	0.45	cps
Terbium	159-1	11601276	11571326	11419007	11530536	0.85	cps
Terbium	159-2	6671806	6596097	6583160	6617021	0.72	cps
Thallium	203-1	240	267	293	267	10.00	cps
Thallium	205-1	587	603	567	586	3.13	cps
Tin	118-1	813	830	873	839	3.69	cps
Titanium	47-1	107	123	157	129	19.75	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P7
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 18:11:02	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	43	60	117	73	52.43	cps
Vanadium	51-2	43	43	27	38	25.46	cps
Yttrium	89-1	13494323	13168201	13494698	13385741	1.41	cps
Yttrium	89-2	3070840	3030216	3017973	3039676	0.91	cps
Zinc	66-2	317	377	443	379	16.72	cps
Zirconium	90-1	873	930	990	931	6.27	cps
Zirconium	91-1	220	200	220	213	5.41	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157664BL	Instrumnet Name :	P7
Client Sample ID :	PB157664BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 18:15:05	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	240	257	187	228	16.05	cps
Antimony	121-1	210	240	323	258	22.78	cps
Arsenic	75-2	7	10	3	7	50.03	cps
Barium	135-1	27	33	57	39	40.51	cps
Barium	137-1	47	87	53	62	34.44	cps
Beryllium	9-1	193	143	170	169	14.81	cps
Bismuth	209-1	6786356	6770684	6717531	6758190	0.53	cps
Bismuth	209-2	4474767	4513165	4582594	4523509	1.21	cps
Bromine	81-1	10170	9847	9623	9880	2.78	cps
Bromine	81-2	103	83	87	91	11.76	cps
Cadmium	108-1	3	3	3	3	0.00	cps
Cadmium	106-1	4514	4734	4504	4584	2.84	cps
Cadmium	111-1	907	955	918	927	2.67	cps
Calcium	43-1	673	620	497	597	15.19	cps
Calcium	44-1	6121	6581	6902	6535	6.00	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1137	1157	1067	1120	4.22	cps
Cobalt	59-2	77	40	90	69	37.58	cps
Copper	63-2	3727	3730	3617	3692	1.75	cps
Dysprosium	156-1	0	3	17	7	132.33	cps
Dysprosium	156-2	10	10	3	8	49.52	cps
Erbium	164-1	77	83	70	77	8.69	cps
Erbium	164-2	50	37	53	47	18.89	cps
Gadolinium	160-1	47	40	60	49	20.83	cps
Gadolinium	160-2	370	350	387	369	4.98	cps
Holmium	165-1	11036067	11089748	11133840	11086552	0.44	cps
Holmium	165-2	6588306	6546711	6690865	6608627	1.12	cps
Indium	115-1	8370909	8371168	8348841	8363639	0.15	cps
Indium	115-2	2601271	2602040	2632203	2611838	0.68	cps
Iron	56-2	8146	8022	8056	8074	0.79	cps
Iron	57-2	920	937	960	939	2.14	cps
Iron	54-2	1190	1283	1280	1251	4.23	cps
Krypton	83-1	133	150	167	150	11.11	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157664BL	Instrumnet Name :	P7
Client Sample ID :	PB157664BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 18:15:05	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	743	893	703	780	12.84	cps
Lead	207-1	693	683	733	703	3.76	cps
Lead	208-1	3240	3317	3167	3241	2.31	cps
Lithium	6-1	2359984	2446745	2406589	2404439	1.81	cps
Magnesium	24-2	657	677	700	678	3.20	cps
Manganese	55-2	120	77	210	136	50.17	cps
Molybdenum	94-1	343	353	337	344	2.44	cps
Molybdenum	95-1	177	163	157	166	6.15	cps
Molybdenum	96-1	187	207	300	231	26.18	cps
Molybdenum	97-1	103	123	130	119	11.68	cps
Molybdenum	98-1	243	263	260	256	4.19	cps
Neodymium	150-1	17	20	3	13	66.16	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	140	147	140	142	2.71	cps
Phosphorus	31-2	390	367	330	362	8.35	cps
Potassium	39-2	63943	63632	64506	64027	0.69	cps
Rhodium	103-1	7583879	7678657	7630075	7630870	0.62	cps
Rhodium	103-2	4127321	4166850	4159042	4151071	0.50	cps
Scandium	45-1	4760584	4803621	4817999	4794068	0.62	cps
Scandium	45-2	404601	405163	407910	405891	0.44	cps
Selenium	82-1	248	234	191	224	13.17	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	157	117	167	147	18.04	cps
Silicon	28-1	692338	697918	688430	692895	0.69	cps
Silver	107-1	83	167	160	137	33.89	cps
Silver	109-1	113	127	107	116	8.81	cps
Sodium	23-2	30133	29722	29295	29716	1.41	cps
Strontium	86-1	400	437	393	410	5.69	cps
Strontium	88-1	803	1103	1250	1052	21.64	cps
Sulfur	34-1	247717	248912	249674	248768	0.40	cps
Terbium	159-1	11322907	11514751	11375538	11404399	0.87	cps
Terbium	159-2	6715575	6570354	6692724	6659551	1.17	cps
Thallium	203-1	203	190	213	202	5.79	cps
Thallium	205-1	533	610	530	558	8.11	cps
Tin	118-1	870	743	787	800	8.05	cps
Titanium	47-1	133	157	123	138	12.41	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	PB157664BL	Instrumnet Name :	P7
Client Sample ID :	PB157664BL	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 18:15:05	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23	47	47	39	34.65	cps
Vanadium	51-2	13	10	17	13	25.01	cps
Yttrium	89-1	13130071	13433353	13326379	13296601	1.16	cps
Yttrium	89-2	3071297	3069764	3084827	3075296	0.27	cps
Zinc	66-2	353	363	333	350	4.36	cps
Zirconium	90-1	577	677	710	654	10.60	cps
Zirconium	91-1	140	133	117	130	9.24	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P7
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 18:18:22	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9123324	8984598	9015361	9041094	0.81	cps
Antimony	121-1	3660378	3665697	3658611	3661562	0.10	cps
Arsenic	75-2	161490	160834	162531	161618	0.53	cps
Barium	135-1	5052264	5069860	5019762	5047295	0.50	cps
Barium	137-1	8728567	8752262	8692086	8724305	0.35	cps
Beryllium	9-1	888453	887855	884210	886839	0.26	cps
Bismuth	209-1	6111215	5992149	6009028	6037464	1.07	cps
Bismuth	209-2	3861167	3900356	3949306	3903610	1.13	cps
Bromine	81-1	8709	9050	9213	8991	2.86	cps
Bromine	81-2	157	157	163	159	2.42	cps
Cadmium	108-1	71783	73156	71626	72188	1.17	cps
Cadmium	106-1	105664	105643	104146	105151	0.83	cps
Cadmium	111-1	903919	909707	911707	908445	0.45	cps
Calcium	43-1	5194461	5086370	5098000	5126277	1.16	cps
Calcium	44-1	81423802	81140337	80915787	81159975	0.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1359858	1334591	1377635	1357361	1.59	cps
Cobalt	59-2	2081316	2073922	2079258	2078165	0.18	cps
Copper	63-2	13873669	13824079	13669650	13789133	0.77	cps
Dysprosium	156-1	1013	1030	973	1006	2.90	cps
Dysprosium	156-2	733	813	803	783	5.56	cps
Erbium	164-1	283	253	253	263	6.58	cps
Erbium	164-2	197	170	140	169	16.79	cps
Gadolinium	160-1	1103	1083	963	1050	7.21	cps
Gadolinium	160-2	1027	973	983	994	2.85	cps
Holmium	165-1	10539284	10438670	10745966	10574640	1.48	cps
Holmium	165-2	6075016	6167700	6241969	6161562	1.36	cps
Indium	115-1	7501715	7179171	7317980	7332956	2.21	cps
Indium	115-2	2225692	2209775	2234108	2223192	0.56	cps
Iron	56-2	294347582	295170342	290720522	293412816	0.81	cps
Iron	57-2	7319531	7351135	7382324	7350997	0.43	cps
Iron	54-2	16416241	16242311	16457332	16371962	0.70	cps
Krypton	83-1	157	180	170	169	6.93	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P7
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 18:18:22	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	15750243	15800962	15918441	15823215	0.55	cps
Lead	207-1	14069159	14146079	14078435	14097891	0.30	cps
Lead	208-1	63210573	63644026	63379234	63411277	0.34	cps
Lithium	6-1	2245161	2159096	2210180	2204813	1.96	cps
Magnesium	24-2	83227354	82396010	82769015	82797460	0.50	cps
Manganese	55-2	10056753	10015538	10027966	10033419	0.21	cps
Molybdenum	94-1	13263739	13336365	13144183	13248096	0.73	cps
Molybdenum	95-1	19118476	19072715	18794921	18995371	0.92	cps
Molybdenum	96-1	20856501	20932062	20650858	20813140	0.70	cps
Molybdenum	97-1	11991477	12028749	11843309	11954512	0.82	cps
Molybdenum	98-1	30755292	31037288	30555917	30782832	0.79	cps
Neodymium	150-1	630	653	630	638	2.11	cps
Neodymium	150-2	197	217	220	211	5.98	cps
Nickel	60-2	523578	518389	516985	519651	0.67	cps
Phosphorus	31-2	96743	93892	93912	94849	1.73	cps
Potassium	39-2	41146749	40892130	41184099	41074326	0.39	cps
Rhodium	103-1	6396451	6337464	6270758	6334891	0.99	cps
Rhodium	103-2	3393536	3349112	3466436	3403028	1.74	cps
Scandium	45-1	4317265	4225950	4203457	4248891	1.42	cps
Scandium	45-2	356678	354423	361055	357385	0.94	cps
Selenium	82-1	58115	57611	57385	57704	0.65	cps
Selenium	77-2	4931	4994	5168	5031	2.44	cps
Selenium	78-2	16973	16856	17073	16968	0.64	cps
Silicon	28-1	33322335	32942706	32828077	33031039	0.78	cps
Silver	107-1	4521366	4483116	4411774	4472085	1.24	cps
Silver	109-1	4324117	4292294	4247739	4288050	0.89	cps
Sodium	23-2	133436641	131527258	132525028	132496309	0.72	cps
Strontium	86-1	30164402	29899961	29933192	29999185	0.48	cps
Strontium	88-1	263794869	263695516	263822976	263771121	0.03	cps
Sulfur	34-1	531262	514696	510287	518748	2.13	cps
Terbium	159-1	10882792	10777266	10801826	10820628	0.51	cps
Terbium	159-2	6166855	6182196	6178816	6175955	0.13	cps
Thallium	203-1	3882969	3953205	3979900	3938691	1.27	cps
Thallium	205-1	9285119	9315503	9249956	9283526	0.35	cps
Tin	118-1	3130860	3119831	3117585	3122758	0.23	cps
Titanium	47-1	4586054	4626022	4572935	4595003	0.60	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P7
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired :	2023-12-12 18:18:22	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13316722	13392091	13261315	13323376	0.49	cps
Vanadium	51-2	1240011	1228783	1234284	1234359	0.45	cps
Yttrium	89-1	12388574	12004499	12040314	12144463	1.75	cps
Yttrium	89-2	2730014	2724569	2724227	2726270	0.12	cps
Zinc	66-2	2369989	2350944	2325155	2348696	0.96	cps
Zirconium	90-1	6423450	6395229	6358700	6392460	0.51	cps
Zirconium	91-1	1438734	1439676	1435456	1437955	0.15	cps

LB Number :	LB128774	Operator :	Jaswal
Lab Sample ID :	CCB31	Instrumnet Name :	P7
Client Sample ID :	CCB31	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	310	327	297	311	4.83	cps
Antimony	121-1	863	837	907	869	4.07	cps
Arsenic	75-2	13	3	0	6	124.93	cps
Barium	135-1	63	63	73	67	8.66	cps
Barium	137-1	97	73	113	94	21.28	cps
Beryllium	9-1	143	150	180	158	12.38	cps
Bismuth	209-1	6724357	6731870	6782235	6746154	0.47	cps
Bismuth	209-2	4478139	4589983	4526839	4531653	1.24	cps
Bromine	81-1	10224	10157	10237	10206	0.42	cps
Bromine	81-2	140	137	140	139	1.38	cps
Cadmium	108-1	10	10	10	10	0.00	cps
Cadmium	106-1	4401	4364	4411	4392	0.56	cps
Cadmium	111-1	886	872	892	884	1.13	cps
Calcium	43-1	713	647	540	633	13.81	cps
Calcium	44-1	6645	7015	6902	6854	2.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1253	1260	1147	1220	5.21	cps
Cobalt	59-2	83	107	87	92	13.69	cps
Copper	63-2	3731	3737	3550	3673	2.88	cps
Dysprosium	156-1	10	10	3	8	49.52	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	113	113	67	98	27.55	cps
Erbium	164-2	50	47	47	48	4.02	cps
Gadolinium	160-1	30	57	50	46	30.47	cps
Gadolinium	160-2	340	447	400	396	13.52	cps
Holmium	165-1	10996396	11156869	11393993	11182419	1.79	cps
Holmium	165-2	6601555	6582568	6648011	6610712	0.51	cps
Indium	115-1	8229659	8400201	8372330	8334063	1.10	cps
Indium	115-2	2587935	2636266	2657521	2627241	1.36	cps
Iron	56-2	11031	11001	11508	11180	2.54	cps
Iron	57-2	977	1010	1010	999	1.93	cps
Iron	54-2	1447	1500	1467	1471	1.83	cps
Krypton	83-1	147	177	130	151	15.65	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	813	920	973	902	9.03	cps
Lead	207-1	703	690	697	697	0.96	cps
Lead	208-1	3210	3247	3504	3320	4.81	cps
Lithium	6-1	2363937	2342273	2371351	2359187	0.64	cps
Magnesium	24-2	1353	1410	1573	1446	7.90	cps
Manganese	55-2	220	253	253	242	7.95	cps
Molybdenum	94-1	497	533	487	506	4.86	cps
Molybdenum	95-1	377	287	323	329	13.76	cps
Molybdenum	96-1	400	397	420	406	3.11	cps
Molybdenum	97-1	217	233	187	212	11.14	cps
Molybdenum	98-1	603	443	500	516	15.74	cps
Neodymium	150-1	13	7	17	12	41.65	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	120	153	110	128	17.76	cps
Phosphorus	31-2	397	320	347	354	10.98	cps
Potassium	39-2	63194	63090	62996	63093	0.16	cps
Rhodium	103-1	7585458	7630180	7593335	7602991	0.31	cps
Rhodium	103-2	4159586	4204870	4119303	4161253	1.03	cps
Scandium	45-1	4776153	4831663	4832602	4813473	0.67	cps
Scandium	45-2	408824	405761	409094	407893	0.45	cps
Selenium	82-1	185	157	256	200	25.74	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	187	127	167	160	19.09	cps
Silicon	28-1	674995	681202	683247	679815	0.63	cps
Silver	107-1	187	167	203	186	9.89	cps
Silver	109-1	103	147	133	128	17.37	cps
Sodium	23-2	30924	30754	30791	30823	0.29	cps
Strontium	86-1	510	540	603	551	8.65	cps
Strontium	88-1	2410	2644	2977	2677	10.64	cps
Sulfur	34-1	248625	248671	247375	248224	0.30	cps
Terbium	159-1	11373267	11667671	11698164	11579701	1.55	cps
Terbium	159-2	6688236	6765203	6688142	6713860	0.66	cps
Thallium	203-1	180	203	200	194	6.49	cps
Thallium	205-1	513	580	560	551	6.21	cps
Tin	118-1	873	897	893	888	1.42	cps
Titanium	47-1	140	127	170	146	15.25	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	107	57	123	96	36.31	cps
Vanadium	51-2	20	13	43	26	61.64	cps
Yttrium	89-1	13441521	13440151	13522215	13467962	0.35	cps
Yttrium	89-2	3128908	3094299	3072193	3098467	0.92	cps
Zinc	66-2	327	367	313	336	8.27	cps
Zirconium	90-1	710	833	810	784	8.35	cps
Zirconium	91-1	143	160	123	142	12.91	cps