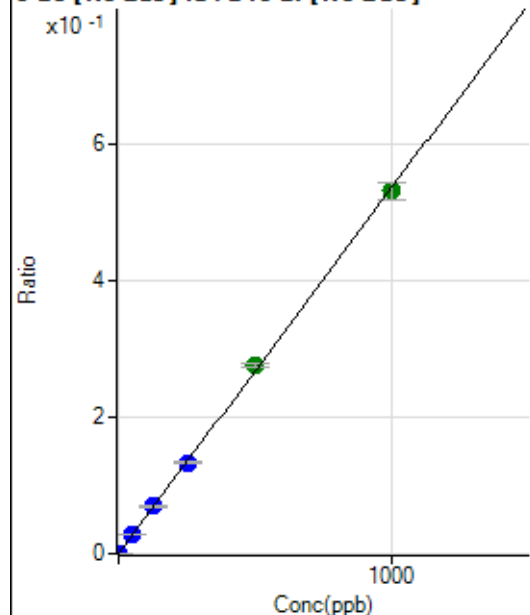


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8083022-MS.b\
Analysis File: P8083022-MS.batch.bin
DA Date-Time: 2022-08-30 23:41:37
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	006CALB.d	S00	2022-08-30 11:33:04
2	007CALS.d	S02	2022-08-30 11:36:13
3	008CALS.d	S03	2022-08-30 11:39:24
4	009CALS.d	S04	2022-08-30 11:42:44
5	010CALS.d	S05	2022-08-30 11:45:52
6	011CALS.d	S06	2022-08-30 11:48:58
7	012CALS.d	S07	2022-08-30 11:52:07
8	013CALS.d	S08	2022-08-30 11:55:13

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.75	0.0000	P	8.2
2	☐	1.000	1.138	3844.61	0.0006	P	2.5
3	☐	50.000	51.593	180361.23	0.0277	P	2.2
4	☐	125.000	129.065	449430.97	0.0692	P	1.6
5	☐	250.000	249.564	880892.68	0.1339	P	1.9
6	☐	500.000	515.297	1796538.74	0.2764	A	2.2
7	☐	1000.000	991.873	3414235.41	0.5320	A	4.6
8	☐			371.21	0.0001	P	14.7

$$y = 5.3635\text{E-}004 * x + 2.1271\text{E-}006$$

$$R = 0.9998$$

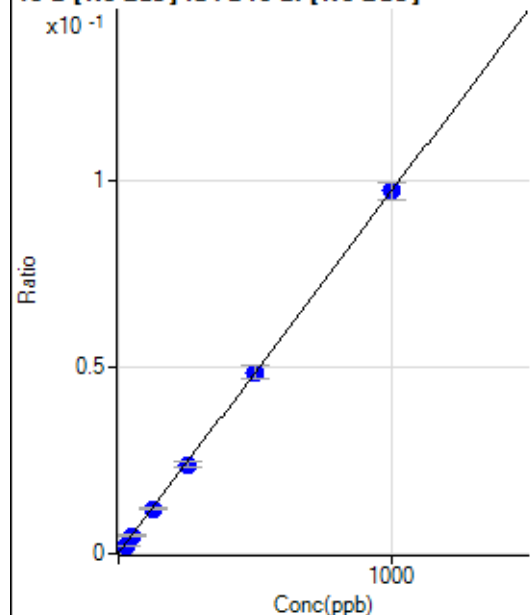
$$DL = 0.0009786$$

$$BEC = 0.003966$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	565.23	0.0001	P	7.2
2	☐	25.000	19.410	12350.78	0.0020	P	6.2
3	☐	50.000	49.234	31649.16	0.0049	P	6.1
4	☐	125.000	121.828	77209.56	0.0119	P	3.8
5	☐	250.000	245.937	157391.13	0.0239	P	5.5
6	☐	500.000	500.854	315763.80	0.0486	P	7.6
7	☐	1000.000	1001.163	623209.15	0.0971	P	4.9
8	☐			45460.89	0.0077	P	15.1

$$y = 9.6912\text{E-}005 * x + 8.7515\text{E-}005$$

$$R = 1.0000$$

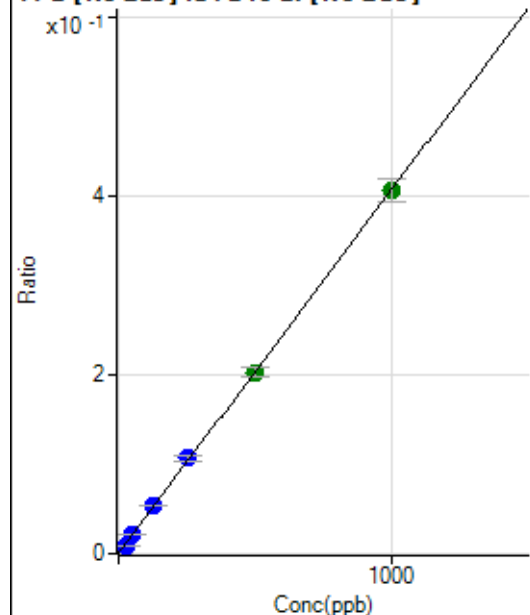
$$DL = 0.1952$$

$$BEC = 0.903$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2711.05	0.0004	P	2.5
2	☐	25.000	19.974	53523.43	0.0085	P	7.3
3	☐	50.000	51.324	138486.98	0.0213	P	7.5
4	☐	125.000	131.205	348665.88	0.0537	P	4.0
5	☐	250.000	261.686	701963.97	0.1067	P	6.0
6	☐	500.000	498.539	1317996.48	0.2029	A	6.1
7	☐	1000.000	997.093	2600966.41	0.4054	A	6.3
8	☐			202208.03	0.0342	P	14.0

$$y = 4.0617\text{E-}004 * x + 4.1965\text{E-}004$$

$$R = 0.9999$$

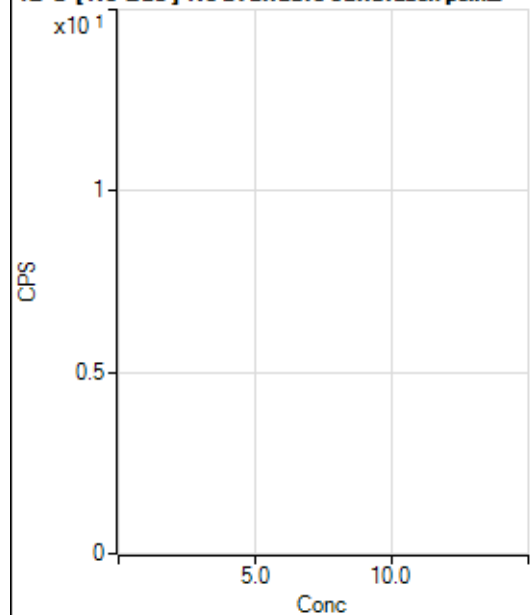
$$DL = 0.0781$$

$$BEC = 1.033$$

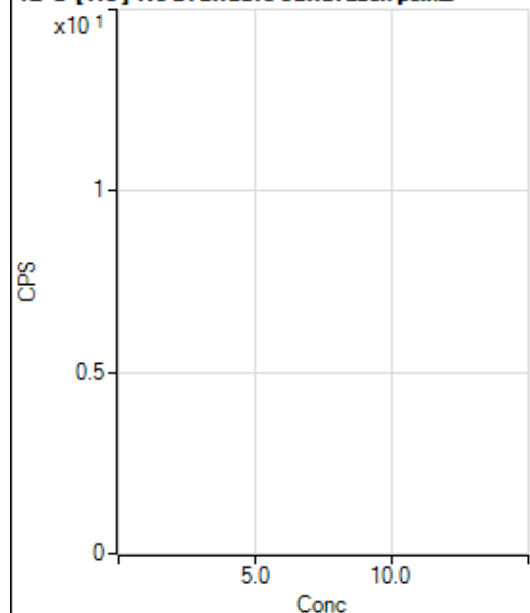
Weight: <None>

Min Conc: 0

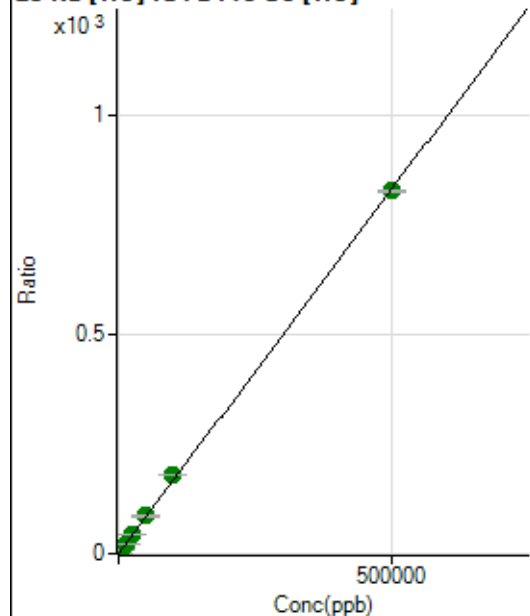
12 C [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			6162071.23		A	1.7
2	☐			5630287.41		A	1.6
3	☐			5788764.84		A	1.7
4	☐			5937182.81		A	0.7
5	☐			6206335.25		A	1.2
6	☐			6592496.63		A	0.9
7	☐			7202052.42		A	1.2
8	☐			5910906.38		A	1.6

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			60784.47		P	0.7
2	☐			58198.92		P	2.1
3	☐			60483.69		P	0.4
4	☐			61122.05		P	1.2
5	☐			66643.21		P	1.3
6	☐			69897.30		P	1.3
7	☐			77940.20		P	1.2
8	☐			67153.87		P	0.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	20439.76	0.0953	P	6.3
2	☐	500.000	526.475	202475.22	0.9702	P	8.2
3	☐	5000.000	5359.321	1899589.08	9.0015	A	3.3
4	☐	12500.000	13269.829	4657503.23	22.1472	A	2.6
5	☐	25000.000	26559.842	9565743.10	44.2327	A	1.5
6	☐	50000.000	51755.015	18805502.33	86.1022	A	3.3
7	☐	100000.00	108100.40	39256505.04	179.7375	A	0.7
8	☐	500000.00	498103.55	175876652.5	827.8483	A	0.5

$$y = 0.0017 * x + 0.0953$$

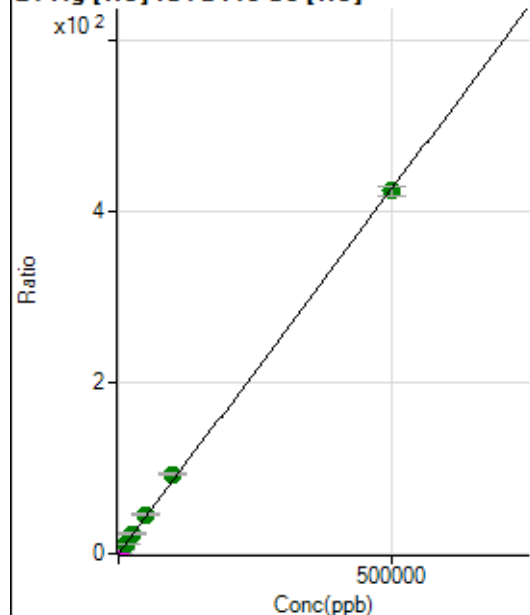
$$R = 0.9999$$

$$DL = 10.79$$

$$BEC = 57.34$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	263.90	0.0012	P	8.2
2	☐	500.000	563.798	100651.18	0.4822	P	8.3
3	☐	5000.000	5588.454	1006366.19	4.7688	M	3.5
4	☐	12500.000	14034.230	2517905.16	11.9740	A	3.7
5	☐	25000.000	27224.914	5023007.93	23.2271	A	3.7
6	☐	50000.000	54067.892	10075436.42	46.1271	A	2.4
7	☐	100000.00	108618.45	20239895.07	92.6648	A	2.0
8	☐	500000.00	497713.97	90208308.96	424.6063	A	2.7

$$y = 8.5311\text{E-}004 * x + 0.0012$$

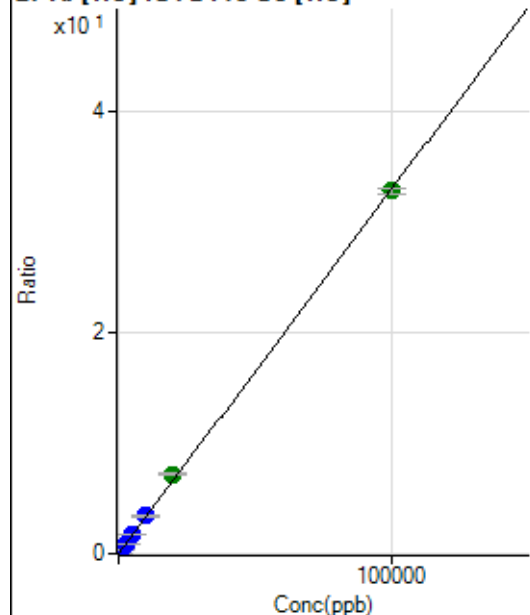
$$R = 0.9998$$

$$DL = 0.3549$$

$$BEC = 1.443$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	94.57	0.0004	P	6.1
2	☐	20.000	21.987	1601.14	0.0077	P	7.5
3	☐	1000.000	1075.820	74748.40	0.3542	P	1.8
4	☐	2500.000	2693.878	186389.31	0.8863	P	3.0
5	☐	5000.000	5244.673	373110.73	1.7252	P	0.9
6	☐	10000.000	10439.725	749945.58	3.4336	P	3.0
7	☐	20000.000	21785.548	1564906.05	7.1646	A	2.3
8	☐	100000.00	99581.079	6956688.92	32.7478	A	1.9

$$y = 3.2885\text{E-}004 * x + 4.4087\text{E-}004$$

$$R = 0.9998$$

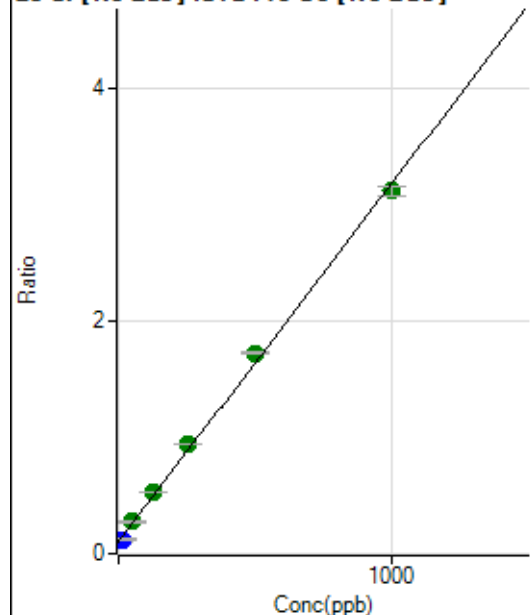
$$DL = 0.246$$

$$BEC = 1.341$$

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	753968.29	0.1091	P	3.2
2	☐	10.000	4.339	835727.71	0.1225	P	5.4
3	☐	50.000	53.824	1930065.45	0.2747	A	1.2
4	☐	125.000	135.260	3680339.54	0.5253	A	1.4
5	☐	250.000	271.698	6672206.96	0.9450	A	1.2
6	☐	500.000	526.585	12210409.74	1.7292	A	1.6
7	☐	1000.000	979.866	22430185.74	3.1237	A	2.3
8	☐			1002115.76	0.1487	A	6.6

$$y = 0.0031 * x + 0.1091$$

$$R = 0.9991$$

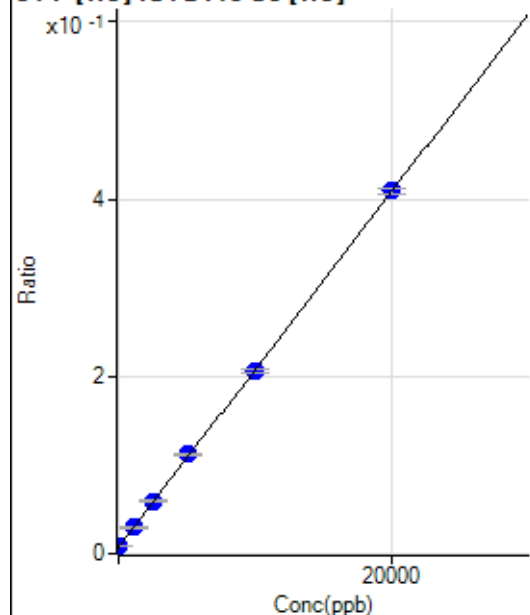
$$DL = 3.384$$

$$BEC = 35.47$$

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	-26.481	1727.93	0.0080	P	3.9
2	☐	0.000	26.481	1897.40	0.0091	P	10.2
3	☐	1000.000	1039.492	6193.15	0.0294	P	6.2
4	☐	2500.000	2520.042	12400.01	0.0590	P	3.9
5	☐	5000.000	5164.075	24187.45	0.1118	P	1.2
6	☐	10000.000	9852.807	44911.91	0.2056	P	1.8
7	☐	20000.000	20028.098	89347.80	0.4091	P	1.8
8	☐			1880.73	0.0089	P	6.0

$$y = 1.9998E-005 * x + 0.0086$$

$$R = 0.9999$$

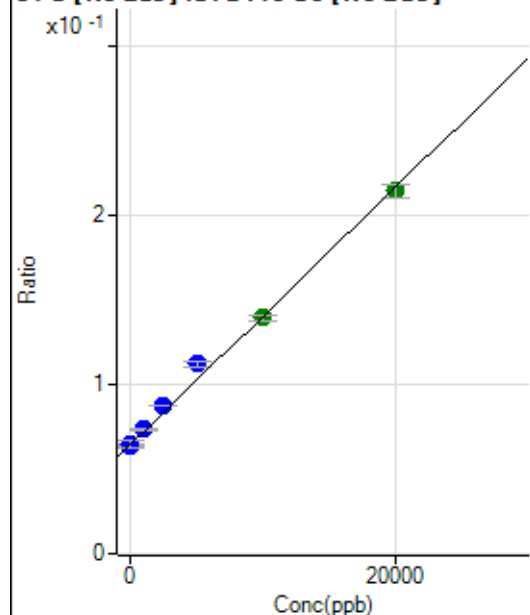
$$DL = 92.8$$

$$BEC = 428.5$$

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	-62.980	440920.00	0.0638	P	2.5
2	☐	0.000	62.980	441810.14	0.0648	P	6.3
3	☐	1000.000	1176.881	514581.73	0.0733	P	1.3
4	☐	2500.000	3023.903	611858.15	0.0873	P	0.6
5	☐	5000.000	6259.329	790229.63	0.1119	P	2.8
6	☐	10000.000	9837.195	982860.77	0.1392	A	1.8
7	☐	20000.000	19692.238	1537724.37	0.2142	A	3.9
8	☐			376715.45	0.0559	P	4.2

$$y = 7.6124\text{E-}006 * x + 0.0643$$

R = 0.9976

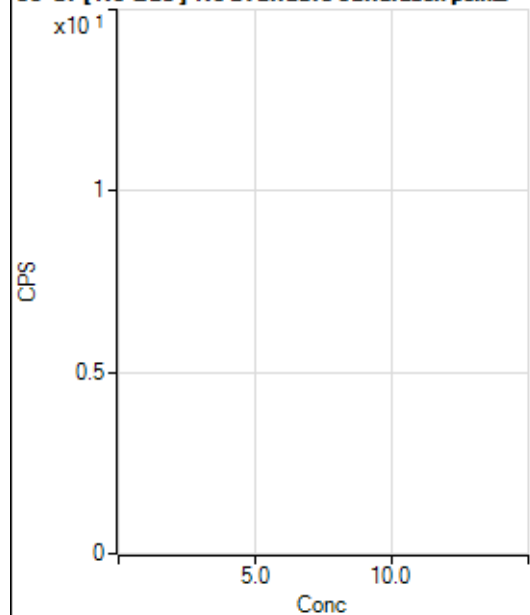
DL = 1122

BEC = 8446

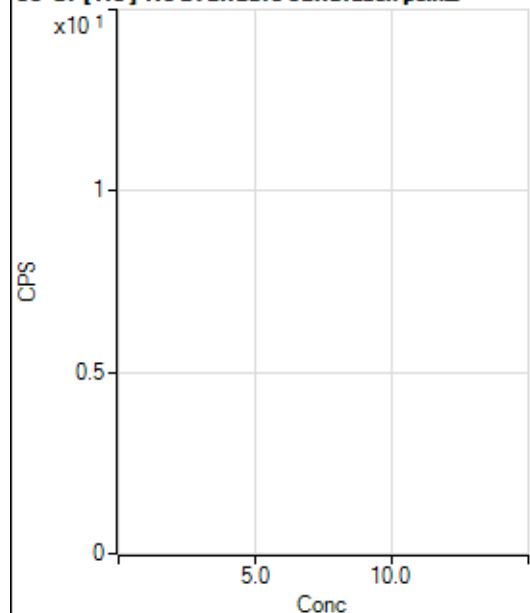
Weight: <None>

Min Conc: 0

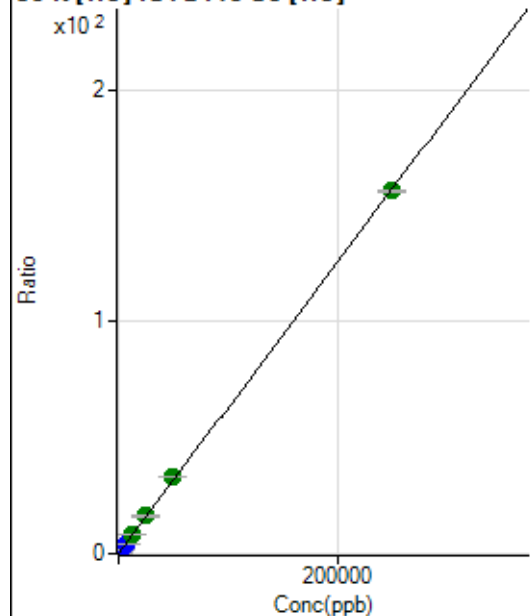
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			217530.50		P	0.4
2	☐			299129.87		P	1.2
3	☐			304059.28		P	0.5
4	☐			295242.44		P	0.7
5	☐			298325.22		P	0.6
6	☐			297078.46		P	0.9
7	☐			299080.38		P	1.1
8	☐			289121.89		P	0.5

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1380.66		P	6.1
2	☐			2069.66		P	6.6
3	☐			1964.08		P	8.3
4	☐			2039.08		P	3.5
5	☐			1914.06		P	3.5
6	☐			1977.97		P	11.4
7	☐			1941.85		P	5.8
8	☐			1922.40		P	6.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	18031.12	0.0840	P	4.1
2	☐	500.000	522.720	86009.22	0.4117	P	5.2
3	☐	2500.000	2604.149	362223.10	1.7166	P	1.3
4	☐	6250.000	6468.475	870572.18	4.1392	P	2.0
5	☐	12500.000	12968.898	1776428.23	8.2145	A	2.4
6	☐	25000.000	25665.110	3533204.68	16.1741	A	2.6
7	☐	50000.000	52710.213	7235664.92	33.1293	A	1.8
8	☐	250000.00	249361.45	33232575.05	156.4145	A	0.3

$$y = 6.2692E-004 * x + 0.0840$$

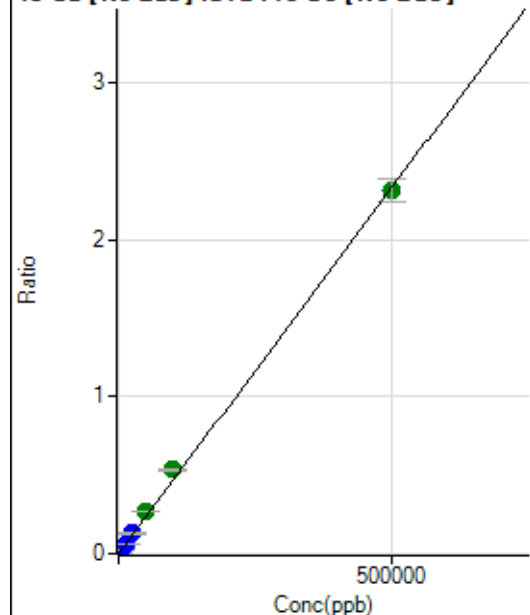
$$R = 0.9999$$

$$DL = 16.44$$

$$BEC = 134$$

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	269.14	0.0000	P	9.2
2	☐	500.000	485.950	15727.88	0.0023	P	3.9
3	☐	5000.000	5571.538	182711.90	0.0260	P	0.4
4	☐	12500.000	13936.640	455412.70	0.0650	P	1.7
5	☐	25000.000	27827.530	915956.70	0.1297	P	1.9
6	☐	50000.000	57399.025	1889278.43	0.2676	A	2.5
7	☐	100000.00	114725.45	3840115.77	0.5348	A	2.2
8	☐	500000.00	496132.01	15587434.61	2.3125	A	6.5

$$y = 4.6610E-006 * x + 3.8887E-005$$

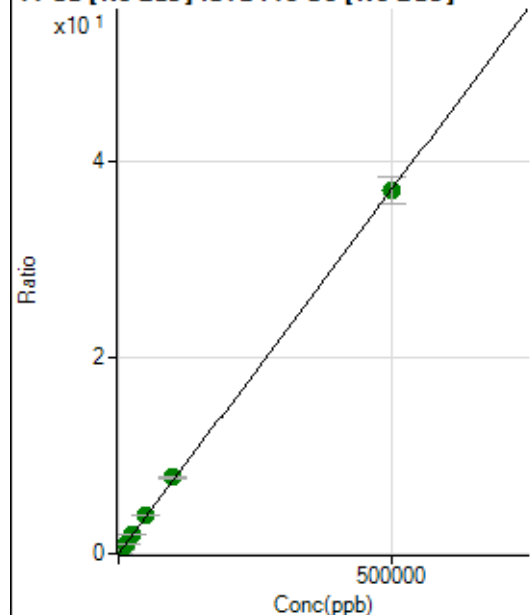
$$R = 0.9995$$

$$DL = 2.311$$

$$BEC = 8.343$$

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	11666.25	0.0017	P	3.3
2	☐	500.000	489.972	259506.60	0.0380	P	4.2
3	☐	5000.000	5322.943	2784385.00	0.3963	A	1.8
4	☐	12500.000	13097.551	6816324.64	0.9728	A	3.7
5	☐	25000.000	26679.795	13979081.39	1.9798	A	0.8
6	☐	50000.000	52439.472	27463745.83	3.8897	A	2.6
7	☐	100000.00	104460.56	55623384.25	7.7467	A	2.7
8	☐	500000.00	498761.79	249204944.7	36.9813	A	7.4

$$y = 7.4143E-005 * x + 0.0017$$

$$R = 1.0000$$

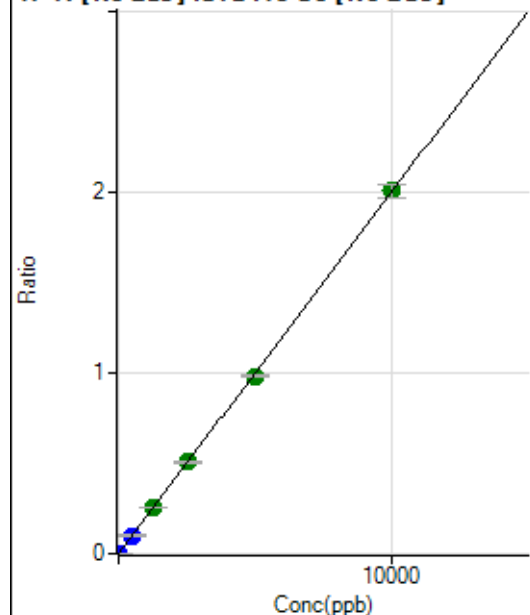
$$DL = 2.243$$

$$BEC = 22.78$$

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	275.01	0.0000	P	7.4
2	☐	5.000	5.215	7377.09	0.0011	P	5.0
3	☐	500.000	503.293	706265.44	0.1005	P	1.1
4	☐	1250.000	1269.745	1776768.83	0.2536	A	2.0
5	☐	2500.000	2544.665	3587509.41	0.5081	A	2.1
6	☐	5000.000	4904.124	6915246.25	0.9792	A	0.9
7	☐	10000.000	10034.139	14382754.14	2.0035	A	4.0
8	☐			1527.91	0.0002	P	15.2

$$y = 1.9967E-004 * x + 3.9760E-005$$

$$R = 0.9999$$

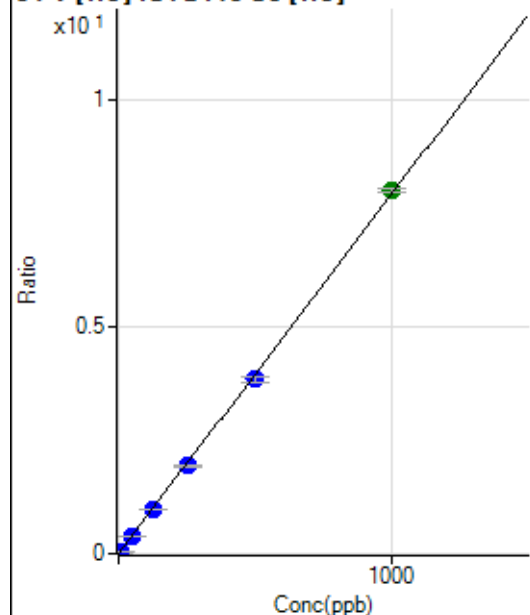
$$DL = 0.04416$$

$$BEC = 0.1991$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4.45	0.0000	P	86.8
2	☐	5.000	4.842	7997.87	0.0383	P	7.2
3	☐	50.000	48.856	81530.76	0.3864	P	1.8
4	☐	125.000	122.298	203391.54	0.9672	P	3.0
5	☐	250.000	243.557	416584.95	1.9261	P	1.0
6	☐	500.000	484.527	836962.84	3.8317	P	2.3
7	☐	1000.000	1009.743	1744056.82	7.9851	A	1.2
8	☐			428.90	0.0020	P	8.9

$$y = 0.0079 * x + 2.0960E-005$$

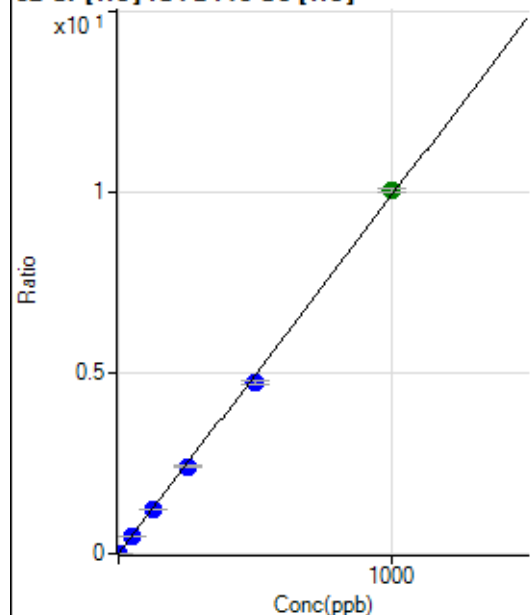
$$R = 0.9998$$

$$DL = 0.006902$$

$$BEC = 0.00265$$

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	627.80	0.0029	P	7.7
2	☐	2.000	1.968	4677.47	0.0224	P	8.3
3	☐	50.000	49.283	103604.92	0.4910	P	3.1
4	☐	125.000	123.876	258593.78	1.2296	P	2.9
5	☐	250.000	243.083	521228.47	2.4101	P	1.2
6	☐	500.000	476.800	1032019.94	4.7245	P	1.9
7	☐	1000.000	1013.505	2192675.52	10.0393	A	1.0
8	☐			6054.67	0.0285	P	1.2

$$y = 0.0099 * x + 0.0029$$

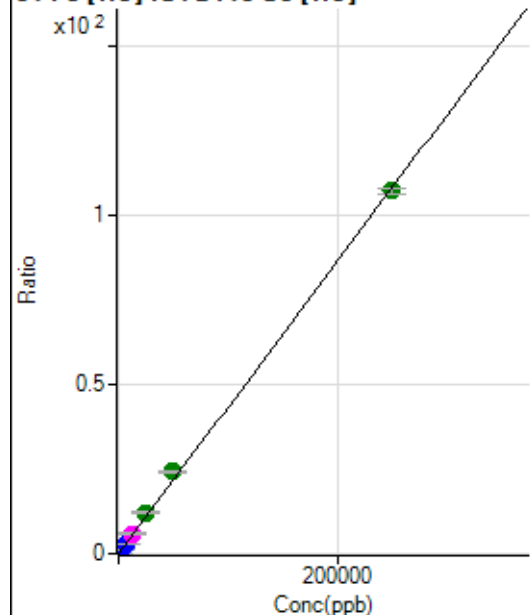
$$R = 0.9996$$

$$DL = 0.06836$$

$$BEC = 0.2957$$

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	885.23	0.0041	P	4.3
2	☐	50.000	56.857	5982.83	0.0287	P	6.7
3	☐	2500.000	2730.687	249537.92	1.1826	P	1.1
4	☐	6250.000	6855.812	623098.11	2.9628	P	2.5
5	☐	12500.000	13729.064	1282097.74	5.9290	M	2.8
6	☐	25000.000	27782.584	2619481.19	11.9939	A	4.4
7	☐	50000.000	56038.125	5283074.08	24.1878	A	1.6
8	☐	250000.00	248435.21	22777260.46	107.2182	A	1.8

$$y = 4.3156E-004 * x + 0.0041$$

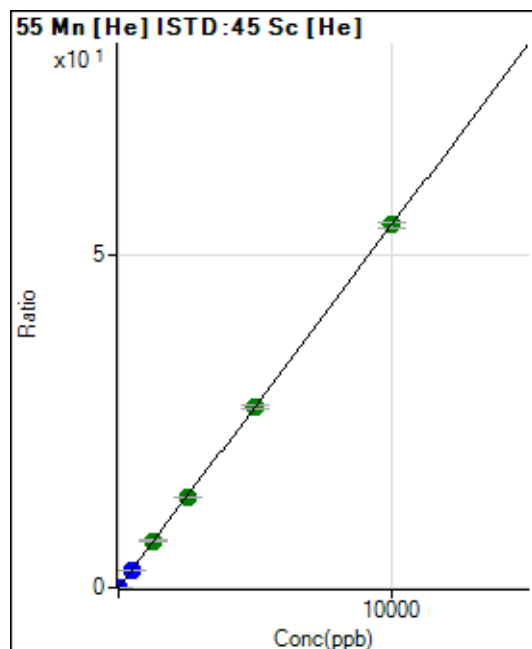
$$R = 0.9997$$

$$DL = 1.241$$

$$BEC = 9.544$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	65.56	0.0003	P	22.5
2	☐	1.000	1.060	1271.18	0.0061	P	8.1
3	☐	500.000	490.990	565968.20	2.6821	P	1.9
4	☐	1250.000	1283.482	1474370.34	7.0107	A	3.7
5	☐	2500.000	2493.262	2945304.71	13.6185	A	1.2
6	☐	5000.000	4978.622	5940106.93	27.1935	A	2.4
7	☐	10000.000	10008.639	11940433.57	54.6675	A	1.9
8	☐			6320.35	0.0298	P	3.4

$$y = 0.0055 * x + 3.0316E-004$$

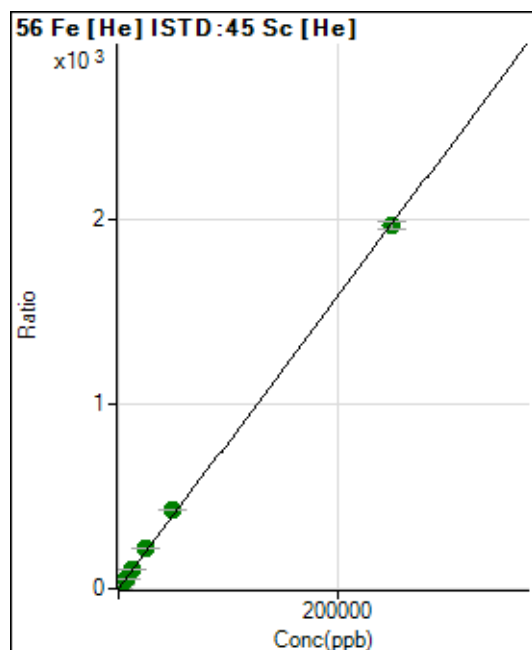
$$R = 1.0000$$

$$DL = 0.0374$$

$$BEC = 0.0555$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4093.25	0.0191	P	4.9
2	☐	50.000	54.430	93898.55	0.4497	P	6.7
3	☐	2500.000	2773.268	4634638.33	21.9615	A	3.7
4	☐	6250.000	6958.537	11582073.52	55.0758	A	3.1
5	☐	12500.000	13735.663	23506529.23	108.6972	A	1.5
6	☐	25000.000	27364.577	47297580.23	216.5308	A	2.3
7	☐	50000.000	53929.060	93199438.19	426.7121	A	0.5
8	☐	250000.00	248895.50	418376894.5	1.969.309	A	2.3

$$y = 0.0079 * x + 0.0191$$

$$R = 0.9998$$

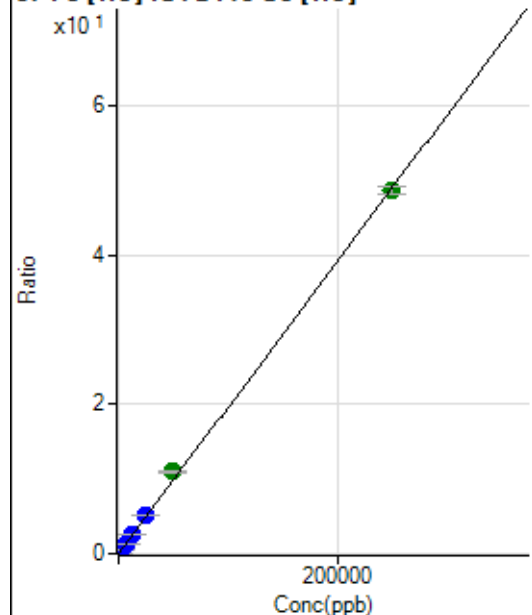
$$DL = 0.3557$$

$$BEC = 2.411$$

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	153.71	0.0007	P	23.8
2	☐	50.000	54.015	2357.64	0.0113	P	5.0
3	☐	2500.000	2671.199	110363.88	0.5230	P	3.0
4	☐	6250.000	6733.963	277021.22	1.3173	P	3.0
5	☐	12500.000	13223.561	559356.05	2.5861	P	1.0
6	☐	25000.000	26148.293	1116822.01	5.1131	P	3.0
7	☐	50000.000	56013.392	2392086.74	10.9521	A	0.3
8	☐	250000.00	248632.50	10327620.26	48.6120	A	2.2

$$y = 1.9551\text{E-}004 * x + 7.1672\text{E-}004$$

$$R = 0.9997$$

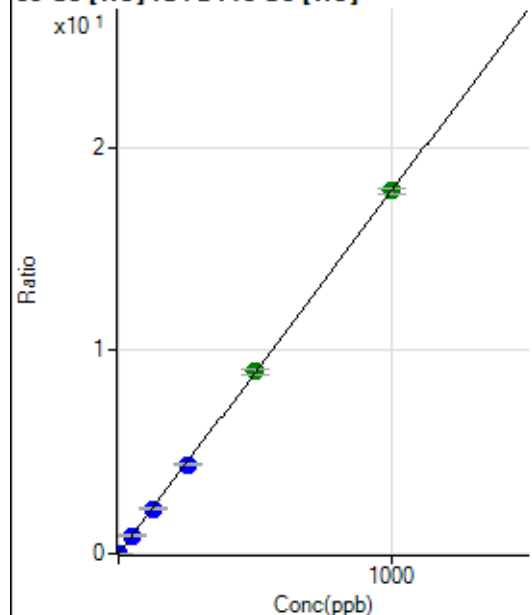
$$DL = 2.614$$

$$BEC = 3.666$$

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	64.44	0.0003	P	23.1
2	☐	1.000	1.030	3901.69	0.0187	P	7.6
3	☐	50.000	50.326	189686.62	0.8989	P	1.5
4	☐	125.000	124.264	466750.70	2.2192	P	1.7
5	☐	250.000	245.607	948598.16	4.3859	P	2.2
6	☐	500.000	501.781	1956979.45	8.9601	A	3.4
7	☐	1000.000	1000.284	3901081.40	17.8614	A	1.3
8	☐			13634.42	0.0642	P	2.0

$$y = 0.0179 * x + 3.0027\text{E-}004$$

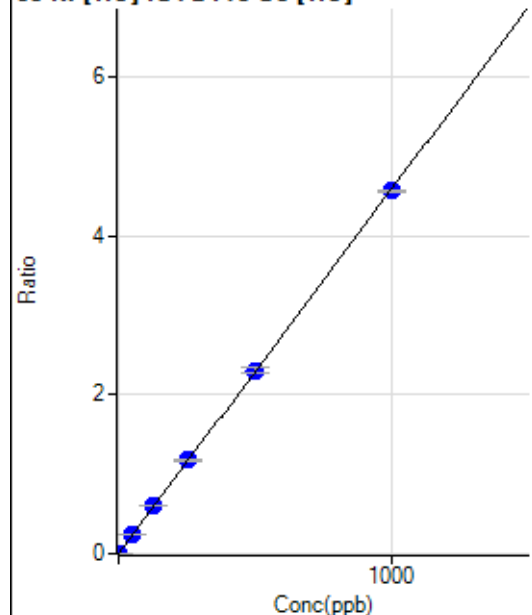
$$R = 1.0000$$

$$DL = 0.01166$$

$$BEC = 0.01682$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	78.89	0.0004	P	27.5
2	☐	1.000	1.099	1127.84	0.0054	P	14.3
3	☐	50.000	53.564	51960.26	0.2462	P	1.1
4	☐	125.000	131.462	126994.60	0.6038	P	2.9
5	☐	250.000	257.139	255351.50	1.1807	P	1.2
6	☐	500.000	503.071	504468.37	2.3096	P	2.7
7	☐	1000.000	995.694	998328.41	4.5709	P	0.3
8	☐			3702.74	0.0174	P	2.6

$$y = 0.0046 * x + 3.6921E-004$$

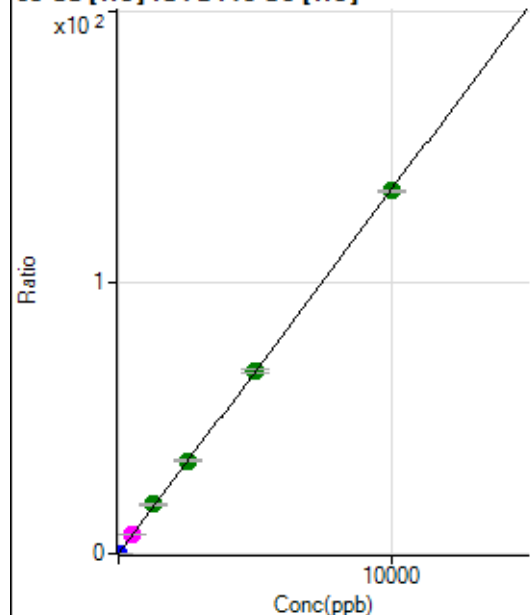
$$R = 1.0000$$

$$DL = 0.06646$$

$$BEC = 0.08043$$

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	1322.30	0.0062	P	9.5
2	☐	2.000	2.167	7374.20	0.0353	P	5.9
3	☐	500.000	526.324	1494472.91	7.0815	M	5.7
4	☐	1250.000	1349.352	3815721.85	18.1453	A	4.5
5	☐	2500.000	2555.477	7431062.81	34.3591	A	1.8
6	☐	5000.000	5018.764	14738961.86	67.4728	A	1.8
7	☐	10000.000	9963.014	29253362.06	133.9377	A	0.8
8	☐			5645.63	0.0266	P	5.2

$$y = 0.0134 * x + 0.0062$$

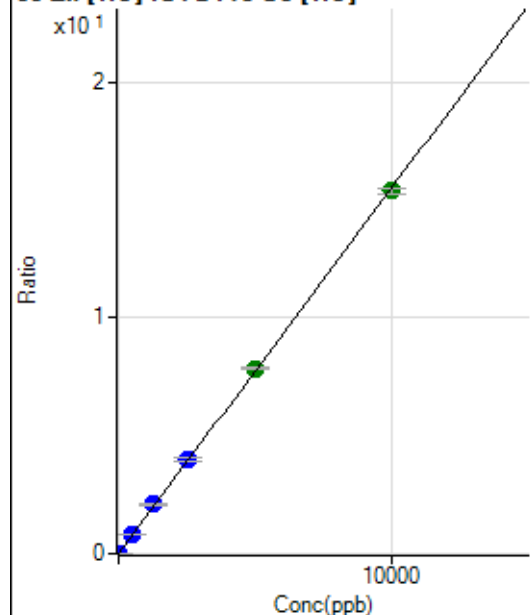
$$R = 0.9999$$

$$DL = 0.1307$$

$$BEC = 0.459$$

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	230.00	0.0011	P	18.5
2	☐	2.000	2.425	1005.60	0.0048	P	10.3
3	☐	500.000	538.034	176078.48	0.8344	P	2.2
4	☐	1250.000	1352.924	440928.27	2.0966	P	2.5
5	☐	2500.000	2581.138	864791.76	3.9990	P	2.3
6	☐	5000.000	5075.366	1717444.28	7.8623	A	1.6
7	☐	10000.000	9927.265	3358505.33	15.3774	A	1.4
8	☐			2609.15	0.0123	P	5.3

$$y = 0.0015 * x + 0.0011$$

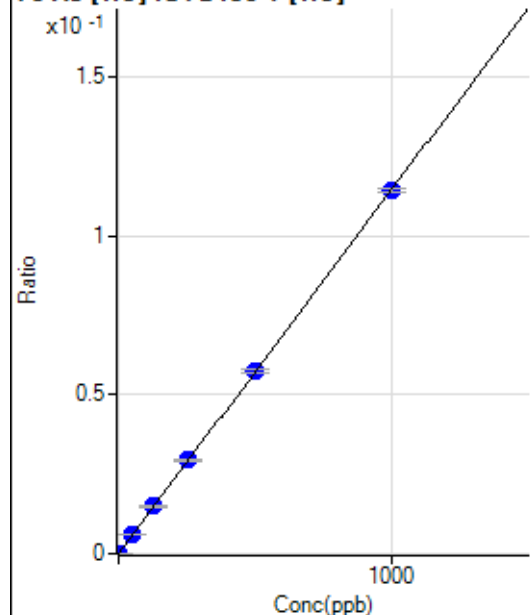
$$R = 0.9999$$

$$DL = 0.3813$$

$$BEC = 0.6879$$

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	5.33	0.0000	P	34.3
2	☐	1.000	1.118	214.35	0.0001	P	4.9
3	☐	50.000	51.317	9739.02	0.0059	P	2.4
4	☐	125.000	129.516	24073.56	0.0148	P	3.9
5	☐	250.000	257.614	48619.71	0.0295	P	1.5
6	☐	500.000	500.782	95265.55	0.0573	P	2.4
7	☐	1000.000	997.075	192050.01	0.1141	P	1.2
8	☐			130.01	0.0001	P	4.2

$$y = 1.1445E-004 * x + 3.3345E-006$$

$$R = 1.0000$$

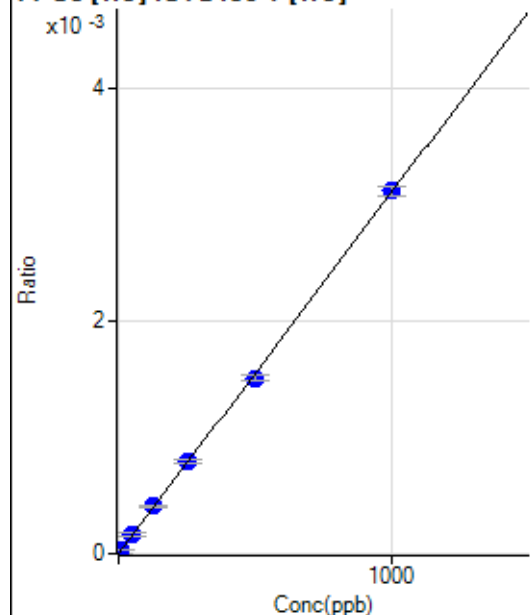
$$DL = 0.03001$$

$$BEC = 0.02913$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	8.310	43.33	0.0000	P	7.0
3	☐	50.000	54.570	282.23	0.0002	P	19.6
4	☐	125.000	132.702	671.13	0.0004	P	3.8
5	☐	250.000	254.543	1305.63	0.0008	P	4.8
6	☐	500.000	486.715	2515.81	0.0015	P	2.6
7	☐	1000.000	1004.299	5255.47	0.0031	P	2.4
8	☐			1.11	0.0000	P	173.

$$y = 3.1085\text{E-}006 * x + 6.7390\text{E-}007$$

$$R = 0.9998$$

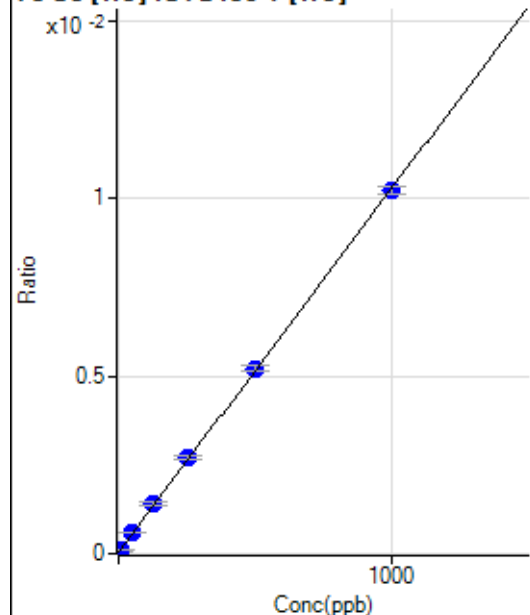
$$DL = 1.126$$

$$BEC = 0.2168$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	68.01	0.0000	P	9.3
2	☐	5.000	5.923	167.35	0.0001	P	13.3
3	☐	50.000	54.869	1000.47	0.0006	P	1.9
4	☐	125.000	134.001	2294.76	0.0014	P	6.7
5	☐	250.000	260.193	4458.49	0.0027	P	3.0
6	☐	500.000	504.573	8652.54	0.0052	P	2.8
7	☐	1000.000	993.792	17187.51	0.0102	P	2.0
8	☐			63.01	0.0000	P	8.2

$$y = 1.0235\text{E-}005 * x + 4.2138\text{E-}005$$

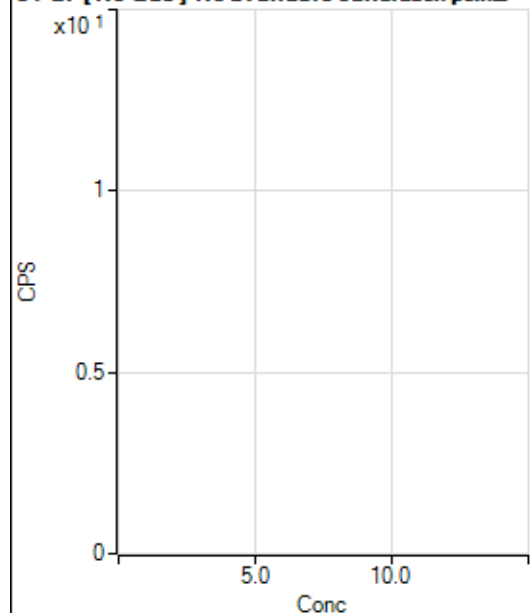
$$R = 0.9999$$

$$DL = 1.149$$

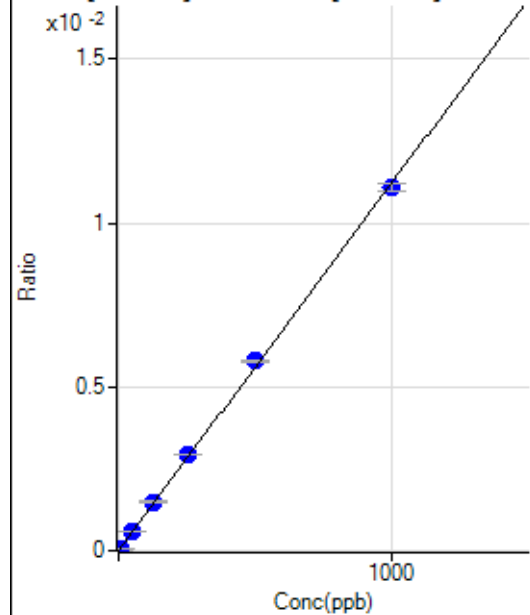
$$BEC = 4.117$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			71656.59		P	3.2
2	☐			73874.98		P	2.5
3	☐			72379.05		P	2.5
4	☐			70819.09		P	2.1
5	☐			70309.43		P	1.1
6	☐			69641.81		P	2.0
7	☐			69345.91		P	1.2
8	☐			69460.64		P	0.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	29.16	0.0000	P	52.1
2	☐	5.000	5.696	992.46	0.0001	P	7.5
3	☐	50.000	53.686	9492.43	0.0006	P	1.8
4	☐	125.000	132.564	23462.98	0.0015	P	2.2
5	☐	250.000	261.143	45770.20	0.0029	P	1.2
6	☐	500.000	516.921	90611.57	0.0058	P	1.0
7	☐	1000.000	987.620	177092.63	0.0111	P	2.3
8	☐			252.90	0.0000	P	18.7

$$y = 1.1211\text{E-}005 * x + 1.8492\text{E-}006$$

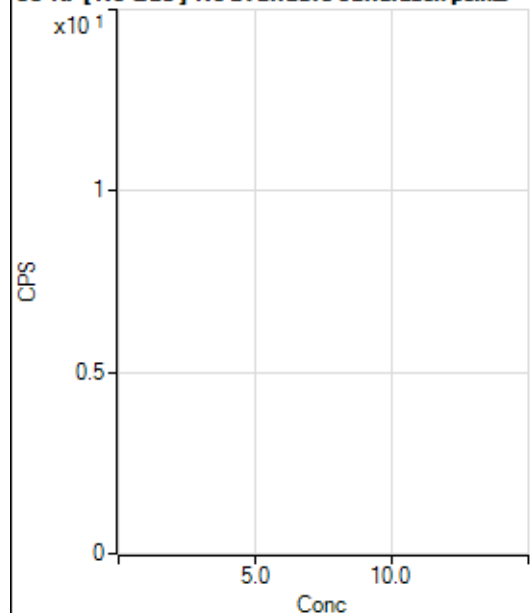
$$R = 0.9997$$

$$DL = 0.2579$$

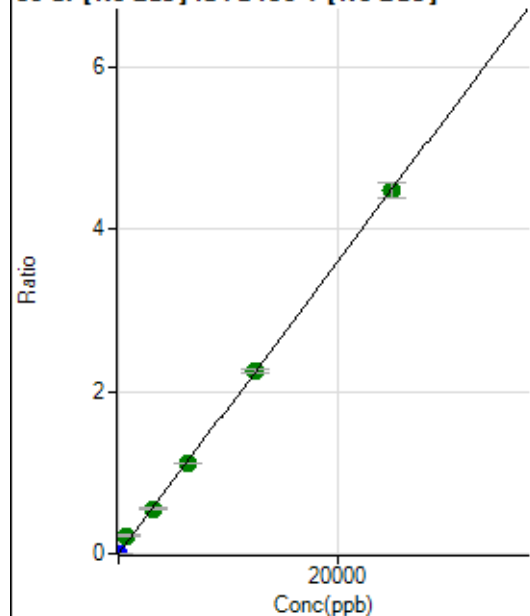
$$BEC = 0.1649$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			545.36		P	1.2
2	☐			557.44		P	7.3
3	☐			577.03		P	10.4
4	☐			579.11		P	3.5
5	☐			554.53		P	7.4
6	☐			574.52		P	3.4
7	☐			578.27		P	1.6
8	☐			637.86		P	2.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	972.28	0.0001	P	11.2
2	☐	1.000	0.986	3606.12	0.0002	P	3.0
3	☐	625.000	1251.652	3535911.23	0.2249	A	1.7
4	☐	3125.000	3091.785	8758303.06	0.5554	A	1.4
5	☐	6250.000	6256.239	17558292.40	1.1238	A	0.4
6	☐	12500.000	12612.449	35406943.16	2.2654	A	2.0
7	☐	25000.000	24930.701	71581471.05	4.4779	A	4.4
8	☐			17038.54	0.0011	P	8.0

$$y = 1.7961E-004 * x + 6.1432E-005$$

$$R = 0.9997$$

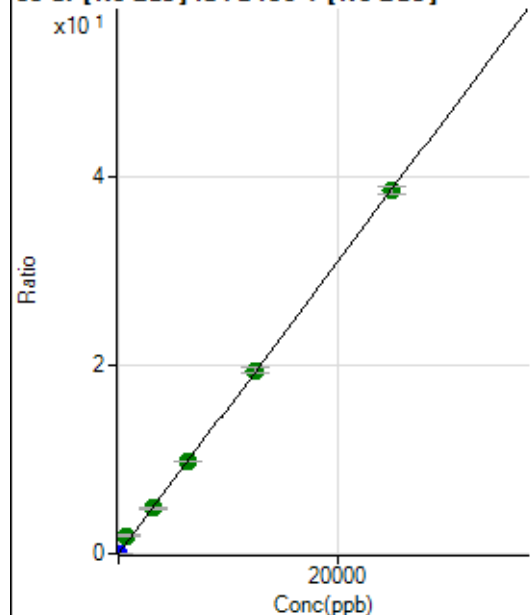
$$DL = 0.1149$$

$$BEC = 0.342$$

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	425.02	0.0000	P	3.7
2	☐	1.000	1.018	24168.85	0.0016	P	3.6
3	☐	625.000	1239.557	30152902.41	1.9181	A	3.2
4	☐	3125.000	3107.591	75824292.67	4.8085	A	1.5
5	☐	6250.000	6337.834	153222921.4	9.8068	A	1.9
6	☐	12500.000	12560.711	303730115.1	19.4358	A	3.2
7	☐	25000.000	24934.498	617038941.5	38.5823	A	2.3
8	☐			141610.60	0.0095	P	6.5

$$y = 0.0015 * x + 2.6872E-005$$

$$R = 0.9997$$

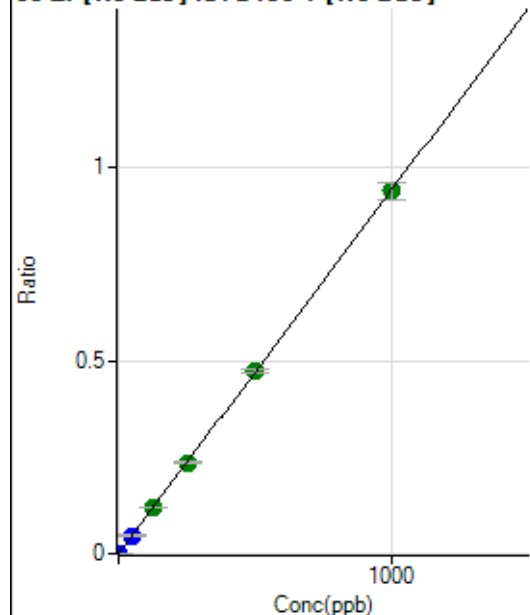
$$DL = 0.001925$$

$$BEC = 0.01737$$

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	597.26	0.0000	P	7.1
2	☐	1.000	0.988	14605.22	0.0010	P	3.9
3	☐	50.000	49.825	738450.53	0.0470	P	1.9
4	☐	125.000	125.174	1859740.47	0.1179	A	0.5
5	☐	250.000	250.758	3690335.93	0.2362	A	2.6
6	☐	500.000	503.771	7416300.86	0.4745	A	1.9
7	☐	1000.000	997.912	15023702.07	0.9399	A	4.9
8	☐			6246.01	0.0004	P	9.1

$$y = 9.4185E-004 * x + 3.7758E-005$$

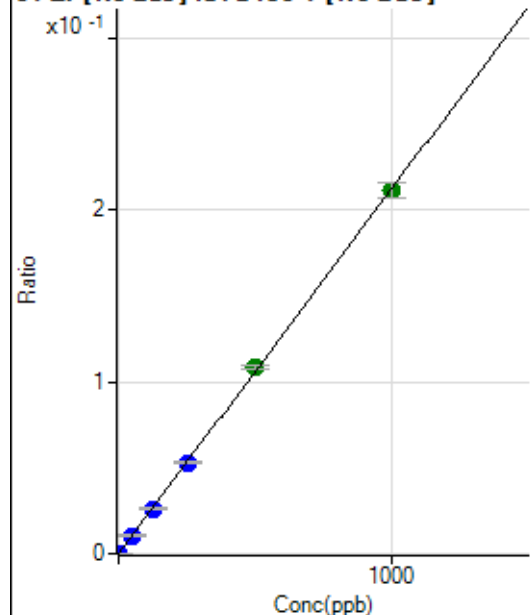
$$R = 1.0000$$

$$DL = 0.008571$$

$$BEC = 0.04009$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	100.00	0.0000	P	38.2
2	☐	1.000	0.973	3200.46	0.0002	P	14.6
3	☐	50.000	49.343	164770.59	0.0105	P	3.0
4	☐	125.000	123.536	413657.20	0.0262	P	0.8
5	☐	250.000	249.229	826648.25	0.0529	P	2.1
6	☐	500.000	510.946	1695339.65	0.1085	A	1.8
7	☐	1000.000	994.935	3376504.07	0.2112	A	4.4
8	☐			1391.77	0.0001	P	7.9

$$y = 2.1229\text{E-}004 * x + 6.3293\text{E-}006$$

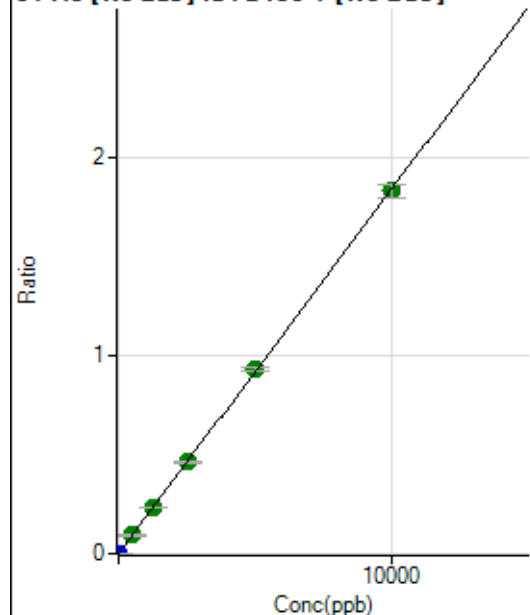
$$R = 0.9999$$

$$DL = 0.0342$$

$$BEC = 0.02982$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	225.01	0.0000	P	9.9
2	☐	5.000	6.084	17055.38	0.0011	P	5.8
3	☐	500.000	508.918	1469368.32	0.0935	A	3.8
4	☐	1250.000	1262.331	3655387.28	0.2318	A	2.4
5	☐	2500.000	2527.379	7250658.58	0.4641	A	2.4
6	☐	5000.000	5067.880	14545008.66	0.9307	A	2.3
7	☐	10000.000	9957.227	29234155.52	1.8285	A	3.6
8	☐			10056.68	0.0007	P	8.0

$$y = 1.8364\text{E-}004 * x + 1.4226\text{E-}005$$

$$R = 1.0000$$

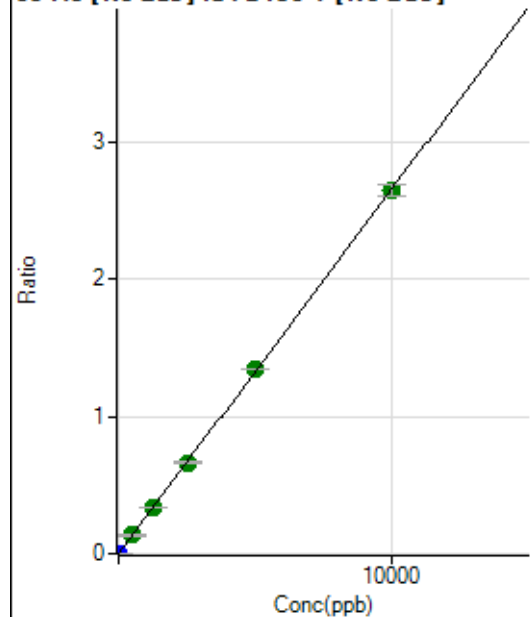
$$DL = 0.02302$$

$$BEC = 0.07747$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	19.44	0.0000	P	67.4
2	☐	5.000	5.233	20938.41	0.0014	P	6.2
3	☐	500.000	502.902	2097713.85	0.1334	A	0.9
4	☐	1250.000	1254.765	5248636.14	0.3329	A	1.6
5	☐	2500.000	2506.464	10387881.31	0.6649	A	1.4
6	☐	5000.000	5069.230	21018705.33	1.3447	A	1.0
7	☐	10000.000	9963.028	42256756.15	2.6429	A	3.3
8	☐			11758.04	0.0008	P	14.2

$$y = 2.6528\text{E-}004 * x + 1.2407\text{E-}006$$

$$R = 1.0000$$

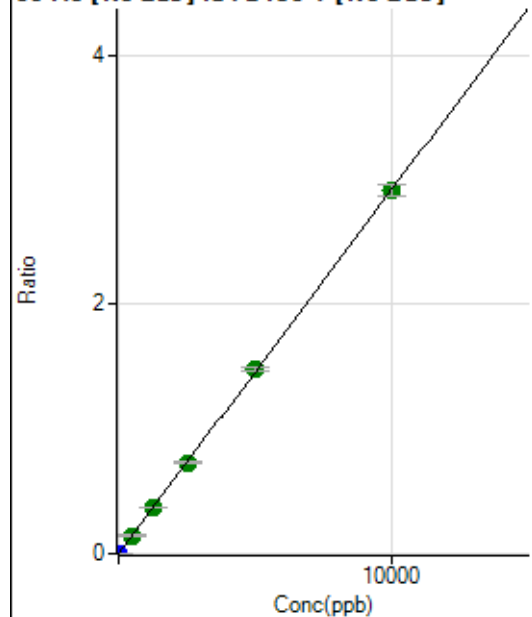
$$DL = 0.009452$$

$$BEC = 0.004677$$

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	236.12	0.0000	P	14.1
2	☐	5.000	5.105	22685.86	0.0015	P	4.2
3	☐	500.000	501.706	2301132.34	0.1464	A	1.6
4	☐	1250.000	1248.664	5743657.86	0.3642	A	0.5
5	☐	2500.000	2493.098	11361536.97	0.7272	A	1.5
6	☐	5000.000	5053.796	23038611.28	1.4741	A	2.3
7	☐	10000.000	9974.909	46521930.20	2.9096	A	3.1
8	☐			34432.86	0.0023	P	9.5

$$y = 2.9169\text{E-}004 * x + 1.4948\text{E-}005$$

$$R = 1.0000$$

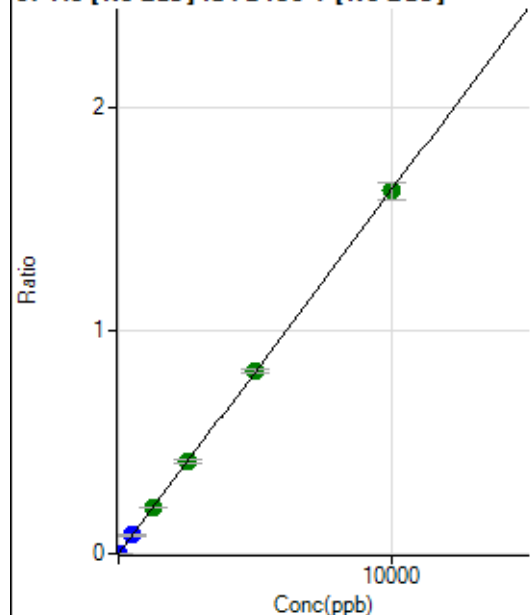
$$DL = 0.0216$$

$$BEC = 0.05125$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	2.1
2	☐	5.000	5.196	12795.12	0.0008	P	6.5
3	☐	500.000	503.813	1292703.79	0.0822	P	3.6
4	☐	1250.000	1261.905	3247656.54	0.2060	A	1.5
5	☐	2500.000	2548.366	6497553.79	0.4159	A	3.0
6	☐	5000.000	5017.857	12800333.71	0.8190	A	1.9
7	☐	10000.000	9977.301	26030303.88	1.6285	A	5.0
8	☐			7688.46	0.0005	P	15.0

$$y = 1.6322\text{E-}004 * x + 1.0540\text{E-}006$$

$$R = 1.0000$$

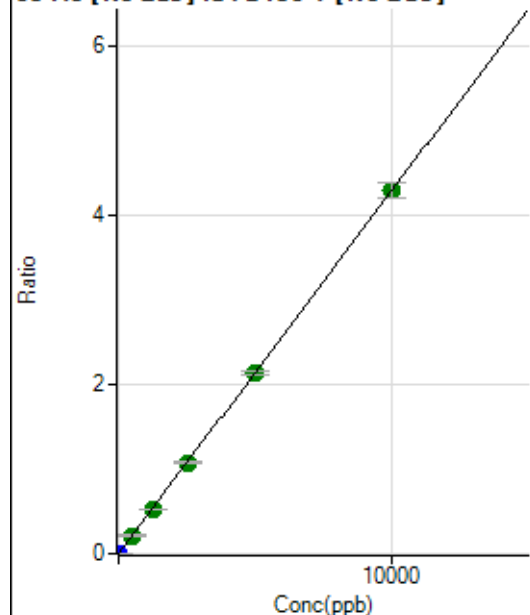
$$DL = 0.0004094$$

$$BEC = 0.006458$$

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	44.45	0.0000	P	49.2
2	☐	5.000	5.138	33271.18	0.0022	P	7.1
3	☐	500.000	497.362	3356502.11	0.2135	A	2.6
4	☐	1250.000	1230.392	8328041.33	0.5282	A	1.5
5	☐	2500.000	2517.366	16883543.78	1.0806	A	1.0
6	☐	5000.000	4991.243	33487342.07	2.1425	A	1.5
7	☐	10000.000	10002.620	68637955.01	4.2937	A	4.3
8	☐			17903.75	0.0012	P	13.9

$$y = 4.2926\text{E-}004 * x + 2.8290\text{E-}006$$

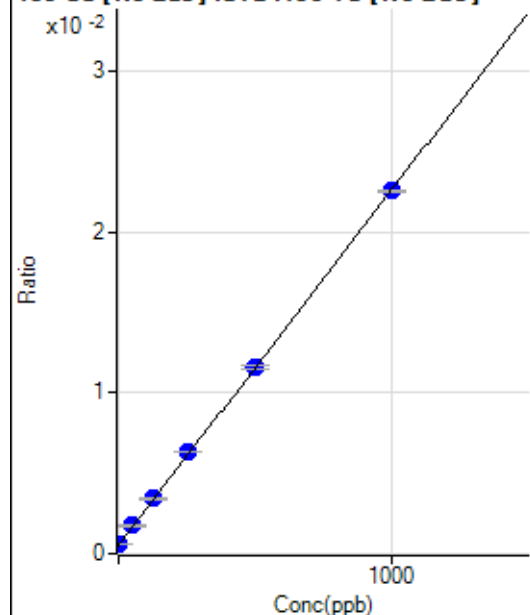
$$R = 1.0000$$

$$DL = 0.009725$$

$$BEC = 0.00659$$

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	6104.31	0.0006	P	2.0
2	☐	1.000	1.441	6237.73	0.0006	P	4.3
3	☐	50.000	53.071	18409.96	0.0017	P	3.0
4	☐	125.000	130.058	36975.31	0.0034	P	3.4
5	☐	250.000	259.869	68682.95	0.0063	P	0.3
6	☐	500.000	499.378	128278.70	0.0116	P	1.7
7	☐	1000.000	997.057	250421.42	0.0226	P	0.6
8	☐			5968.14	0.0006	P	5.5

$$y = 2.2077\text{E-}005 * x + 5.7649\text{E-}004$$

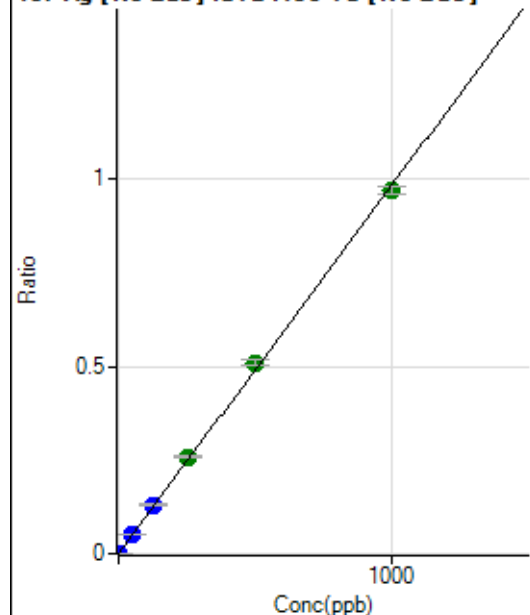
$$R = 0.9999$$

$$DL = 1.531$$

$$BEC = 26.11$$

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	138.90	0.0000	P	13.1
2	☐	1.000	1.112	11324.49	0.0011	P	6.5
3	☐	50.000	54.368	562175.13	0.0534	P	1.5
4	☐	125.000	133.039	1400642.88	0.1306	P	2.3
5	☐	250.000	263.795	2816667.97	0.2589	A	1.8
6	☐	500.000	518.779	5629273.78	0.5091	A	3.0
7	☐	1000.000	985.939	10726167.34	0.9676	A	2.2
8	☐			3133.79	0.0003	P	11.4

$$y = 9.8141\text{E-}004 * x + 1.3122\text{E-}005$$

$$R = 0.9996$$

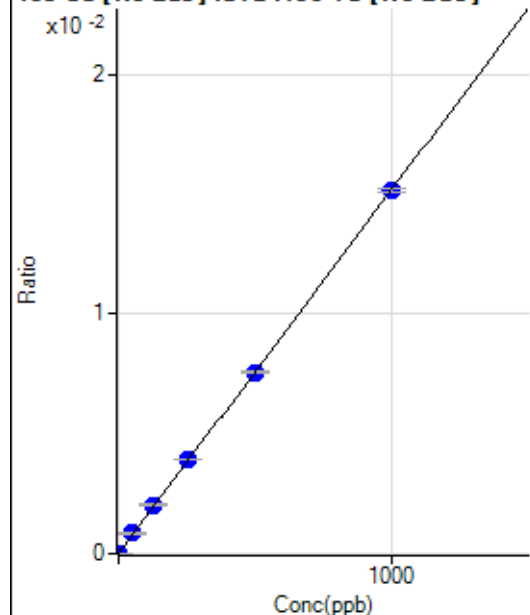
$$DL = 0.005256$$

$$BEC = 0.01337$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	155.56	0.0000	P	10.9
2	☐	1.000	1.014	309.73	0.0000	P	12.4
3	☐	50.000	54.764	8907.15	0.0008	P	0.9
4	☐	125.000	133.701	21910.56	0.0020	P	2.5
5	☐	250.000	258.208	42762.06	0.0039	P	1.8
6	☐	500.000	498.771	83825.59	0.0076	P	1.3
7	☐	1000.000	997.237	167844.75	0.0151	P	1.0
8	☐			123.62	0.0000	P	13.1

$$y = 1.5168\text{E-}005 * x + 1.4705\text{E-}005$$

$$R = 0.9999$$

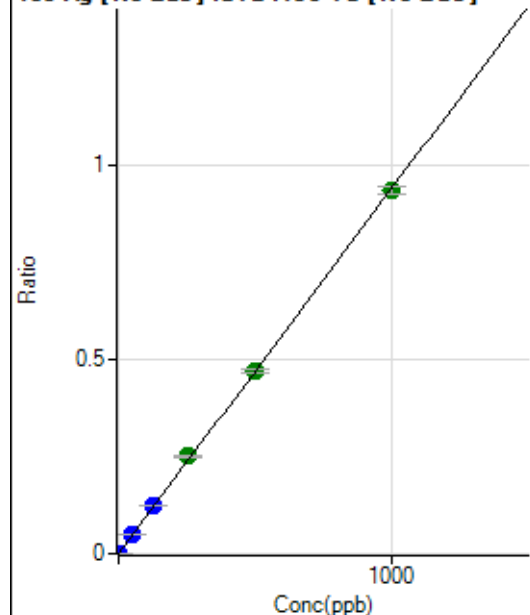
$$DL = 0.3161$$

$$BEC = 0.9695$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	75.00	0.0000	P	11.3
2	☐	1.000	1.098	10685.01	0.0010	P	2.4
3	☐	50.000	54.222	537784.46	0.0511	P	0.5
4	☐	125.000	132.809	1341319.68	0.1250	P	1.4
5	☐	250.000	266.208	2726076.04	0.2506	A	1.1
6	☐	500.000	501.527	5220571.56	0.4721	A	1.9
7	☐	1000.000	993.997	10374510.21	0.9357	A	2.1
8	☐			2739.24	0.0003	P	9.6

$$y = 9.4137\text{E-}004 * x + 7.0831\text{E-}006$$

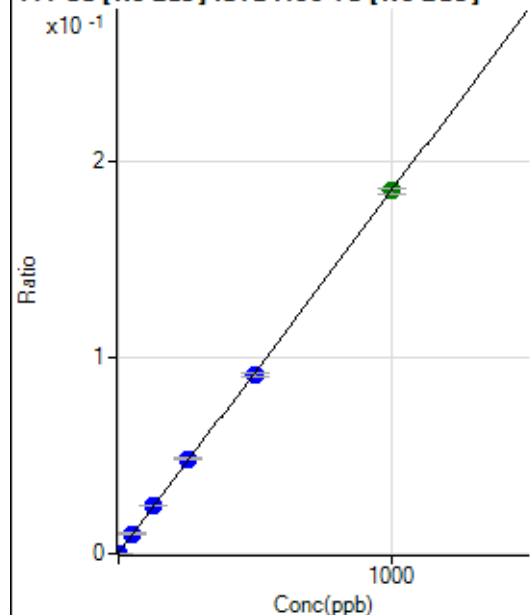
$$R = 0.9998$$

$$DL = 0.002549$$

$$BEC = 0.007524$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2035.95	0.0002	P	1.7
2	☐	1.000	1.212	4268.00	0.0004	P	4.2
3	☐	50.000	54.615	108316.10	0.0103	P	2.2
4	☐	125.000	132.767	265231.79	0.0247	P	1.8
5	☐	250.000	260.542	525793.20	0.0483	P	1.5
6	☐	500.000	493.147	1009582.18	0.0913	P	2.5
7	☐	1000.000	999.589	2049660.65	0.1849	A	1.9
8	☐			2363.44	0.0002	P	5.0

$$y = 1.8478\text{E-}004 * x + 1.9226\text{E-}004$$

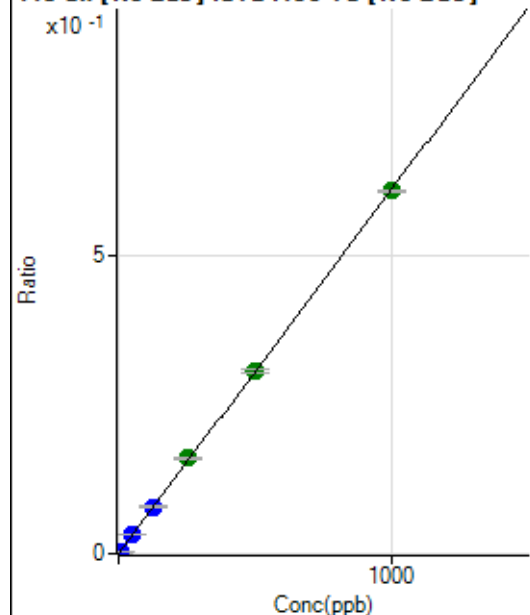
$$R = 0.9999$$

$$DL = 0.05197$$

$$BEC = 1.04$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2953.29	0.0003	P	3.1
2	☐	5.000	5.504	37326.98	0.0036	P	2.4
3	☐	50.000	52.311	339318.64	0.0322	P	1.5
4	☐	125.000	128.493	844098.14	0.0787	P	2.4
5	☐	250.000	261.237	1737098.50	0.1597	A	3.3
6	☐	500.000	500.863	3382619.08	0.3059	A	2.9
7	☐	1000.000	996.205	6742714.74	0.6082	A	0.7
8	☐			7735.72	0.0007	P	6.4

$$y = 6.1028\text{E-}004 * x + 2.7887\text{E-}004$$

$$R = 0.9999$$

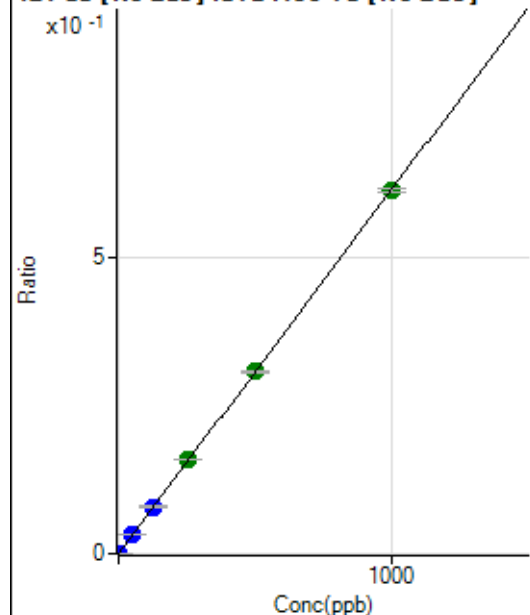
$$DL = 0.04225$$

$$BEC = 0.457$$

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	27.78	0.0000	P	18.4
2	☐	2.000	2.171	13704.42	0.0013	P	1.8
3	☐	50.000	51.782	334947.50	0.0318	P	2.2
4	☐	125.000	127.988	843004.39	0.0786	P	2.5
5	☐	250.000	259.527	1733639.67	0.1594	A	1.4
6	☐	500.000	500.743	3400060.54	0.3075	A	1.3
7	☐	1000.000	996.784	6785064.38	0.6121	A	1.1
8	☐			6026.50	0.0006	P	3.9

$$y = 6.1403\text{E-}004 * x + 2.6261\text{E-}006$$

$$R = 0.9999$$

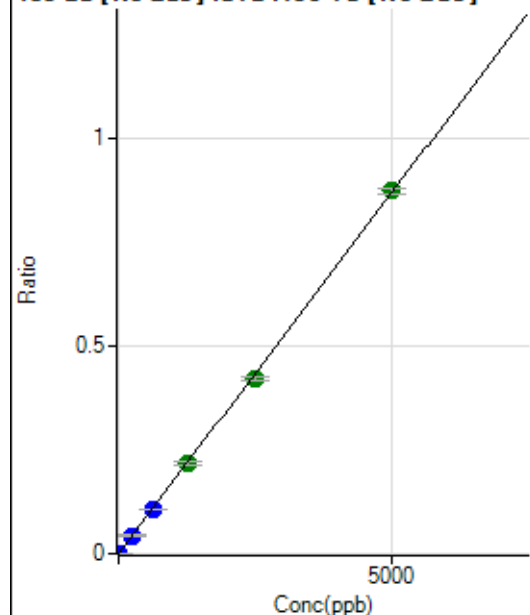
$$DL = 0.002356$$

$$BEC = 0.004277$$

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	22.22	0.0000	P	23.1
2	☐	10.000	10.014	17881.68	0.0017	P	2.2
3	☐	250.000	252.882	463130.35	0.0440	P	2.2
4	☐	625.000	617.871	1152195.03	0.1074	P	2.6
5	☐	1250.000	1255.125	2373353.96	0.2182	A	4.1
6	☐	2500.000	2436.558	4684012.78	0.4236	A	2.0
7	☐	5000.000	5031.186	9697484.42	0.8747	A	1.3
8	☐			4078.50	0.0004	P	9.6

$$y = 1.7386\text{E-}004 * x + 2.1041\text{E-}006$$

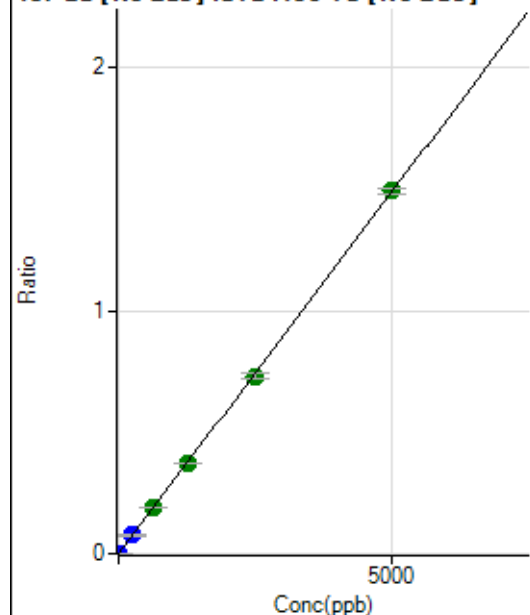
$$R = 0.9999$$

$$DL = 0.008388$$

$$BEC = 0.0121$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	22.22	0.0000	P	21.0
2	☐	10.000	10.125	30886.07	0.0030	P	2.4
3	☐	250.000	253.430	793259.98	0.0753	P	1.9
4	☐	625.000	640.256	2040844.75	0.1903	A	2.4
5	☐	1250.000	1251.717	4046597.88	0.3720	A	1.0
6	☐	2500.000	2455.970	8069299.75	0.7298	A	2.7
7	☐	5000.000	5019.507	16537201.24	1.4916	A	1.3
8	☐			7140.94	0.0007	P	3.1

$$y = 2.9716E-004 * x + 2.0964E-006$$

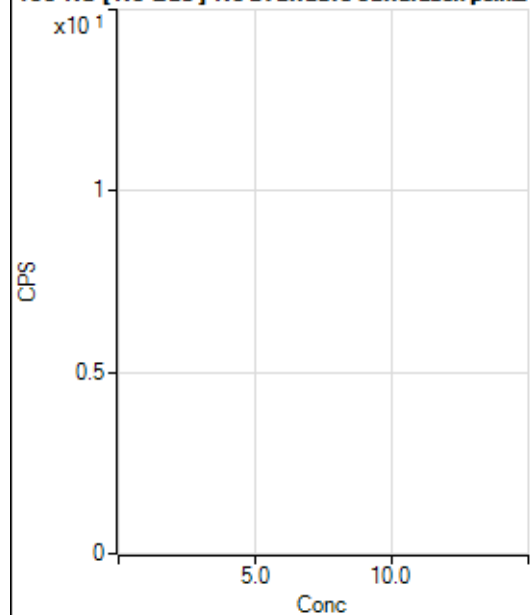
$$R = 0.9999$$

$$DL = 0.004451$$

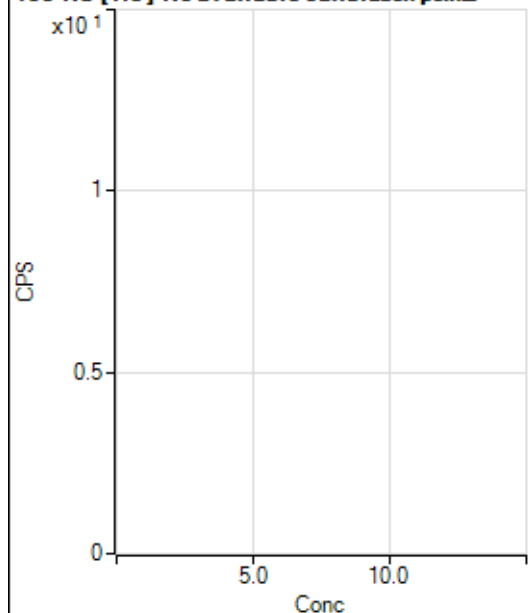
$$BEC = 0.007055$$

Weight: <None>

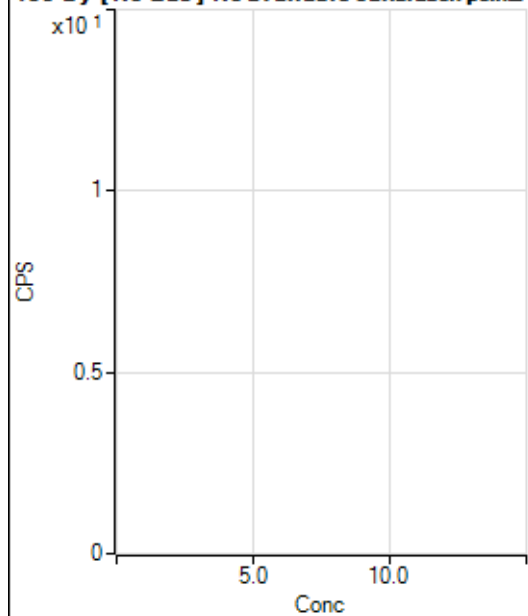
Min Conc: 0

150 Nd [No Gas] No available calibration points

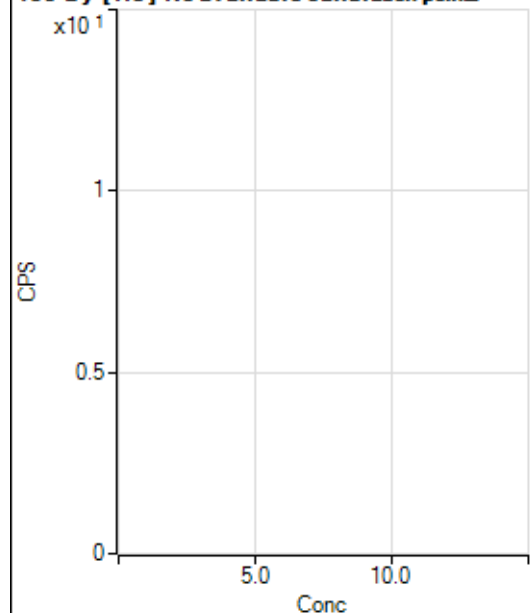
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	50.0
2	☐			6.67		P	100.
3	☐			35.56		P	21.6
4	☐			115.56		P	6.7
5	☐			197.78		P	7.8
6	☐			471.13		P	28.7
7	☐			875.60		P	12.0
8	☐			77.78		P	30.1

150 Nd [He] No available calibration points

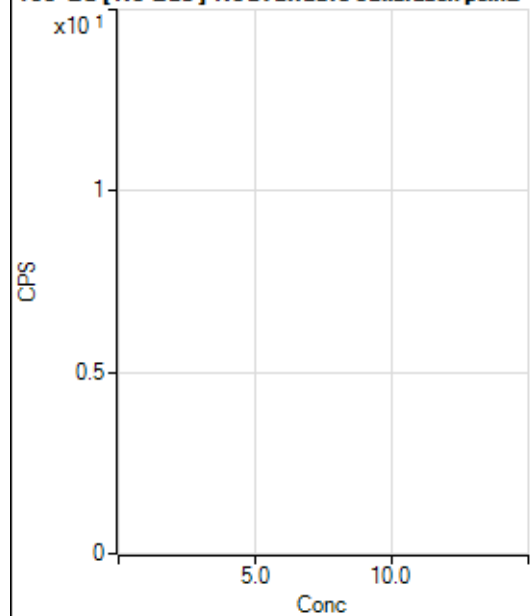
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	173.
2	☐			3.33		P	100.
3	☐			4.44		P	43.4
4	☐			5.56		P	91.6
5	☐			16.67		P	20.0
6	☐			20.00		P	44.1
7	☐			40.00		P	28.9
8	☐			28.89		P	35.2

156 Dy [No Gas] No available calibration points

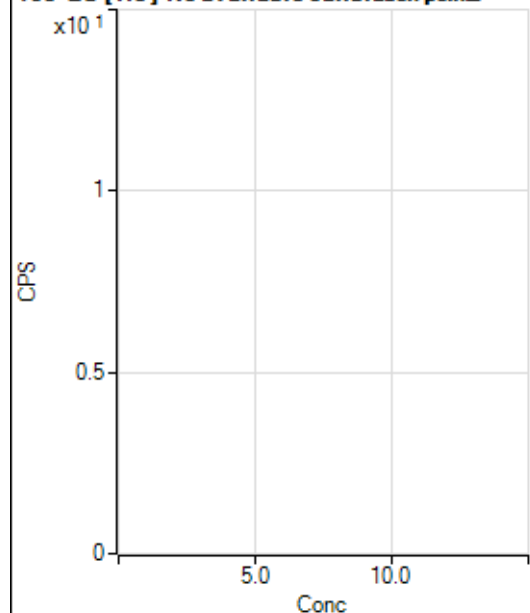
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	86.6
2	☐			2.78		P	173.
3	☐			22.22		P	142.
4	☐			75.00		P	19.2
5	☐			116.67		P	14.3
6	☐			202.79		P	22.6
7	☐			394.46		P	8.0
8	☐			1000.07		P	6.7

156 Dy [He] No available calibration points

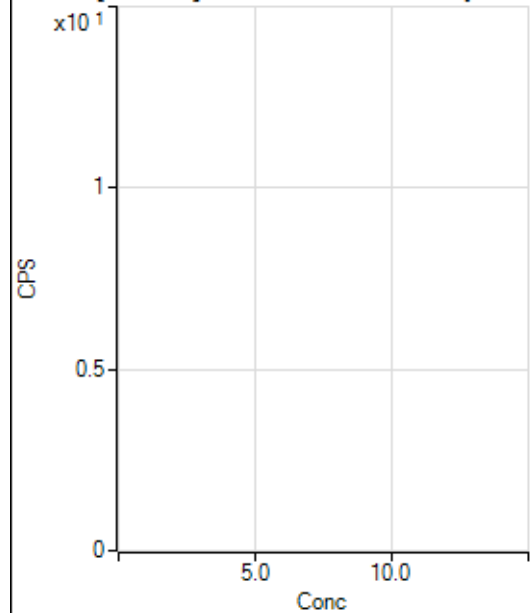
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			3.33		P	0.0
3	☐			12.22		P	15.7
4	☐			16.67		P	40.0
5	☐			45.55		P	15.2
6	☐			76.67		P	8.7
7	☐			144.45		P	4.8
8	☐			291.12		P	4.6

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

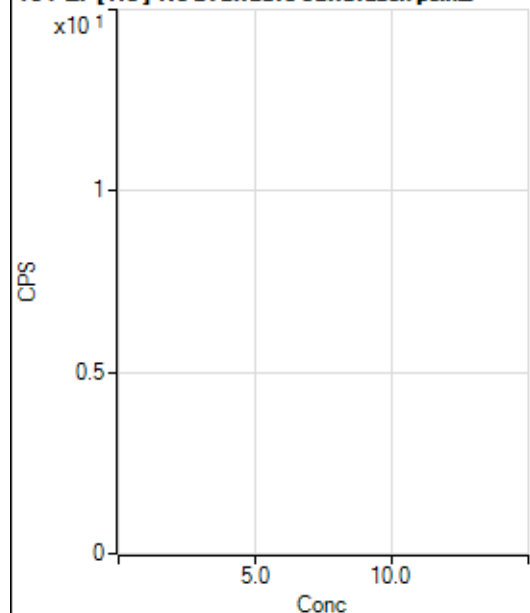
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			83.34		P	26.5
2	☐			94.45		P	5.1
3	☐			166.67		P	21.8
4	☐			108.34		P	26.6
5	☐			141.67		P	29.4
6	☐			144.45		P	26.0
7	☐			258.34		P	27.6
8	☐			688.93		P	11.2

160 Gd [He] No available calibration points

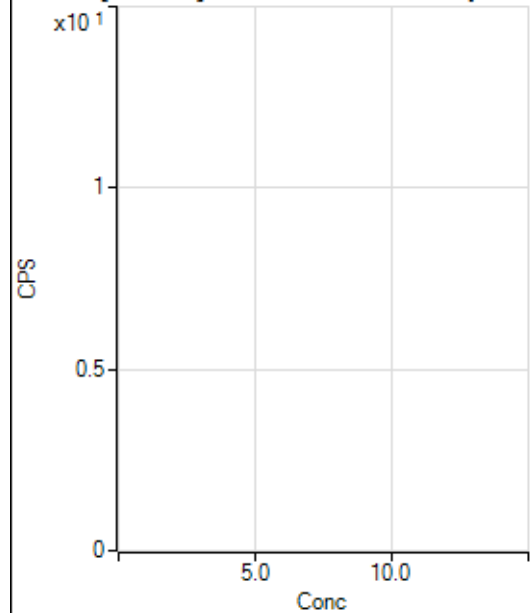
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			115.56		P	7.3
2	☐			102.23		P	11.5
3	☐			121.11		P	1.6
4	☐			131.11		P	10.6
5	☐			136.67		P	4.2
6	☐			148.89		P	22.0
7	☐			210.00		P	13.7
8	☐			361.12		P	5.2

164 Er [No Gas] No available calibration points

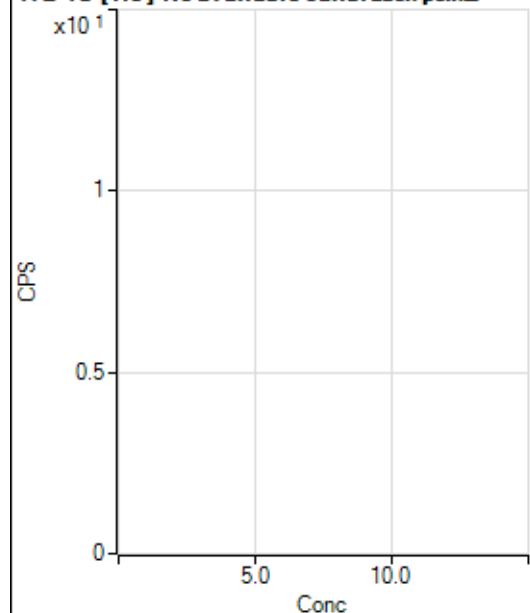
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	34.6
2	☐			58.33		P	65.5
3	☐			36.11		P	13.3
4	☐			55.56		P	43.3
5	☐			41.67		P	40.0
6	☐			55.56		P	45.8
7	☐			83.33		P	36.1
8	☐			77.78		P	48.3

164 Er [He] No available calibration points

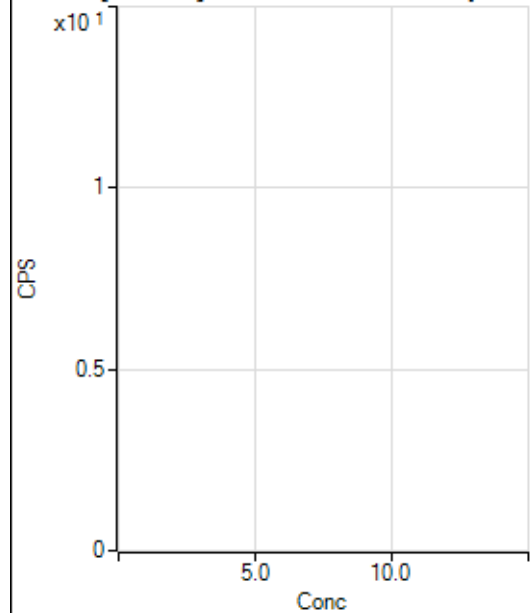
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			14.45		P	48.0
2	☐			13.33		P	66.1
3	☐			23.33		P	NaN
4	☐			12.22		P	87.7
5	☐			17.78		P	60.3
6	☐			22.22		P	31.2
7	☐			33.34		P	17.3
8	☐			28.89		P	17.6

172 Yb [No Gas] No available calibration points

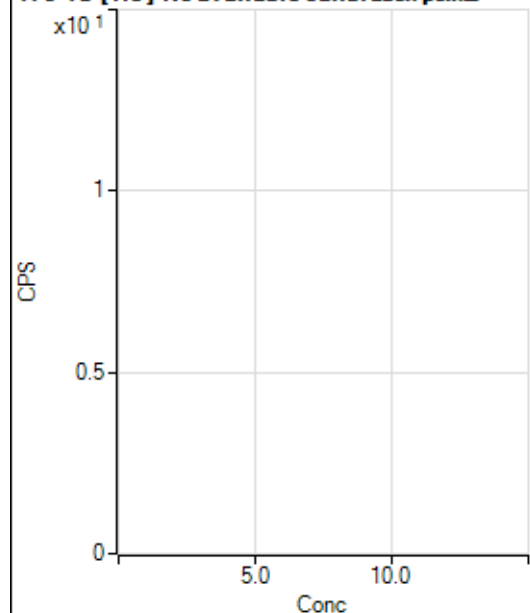
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			47.22		P	36.7
2	☐			36.11		P	70.5
3	☐			66.67		P	21.7
4	☐			61.11		P	43.8
5	☐			75.00		P	57.7
6	☐			80.56		P	21.5
7	☐			111.11		P	28.4
8	☐			188.90		P	22.6

172 Yb [He] No available calibration points

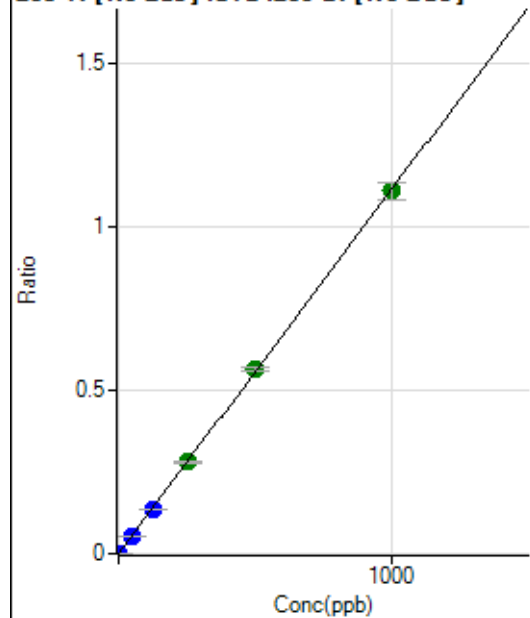
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.93		P	44.6
2	☐			12.96		P	65.4
3	☐			27.78		P	60.0
4	☐			22.22		P	66.1
5	☐			31.48		P	36.7
6	☐			40.74		P	56.8
7	☐			27.78		P	34.6
8	☐			77.78		P	18.9

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1852.96		P	5.3
2	☐			2033.54		P	4.6
3	☐			2936.51		P	4.2
4	☐			3942.36		P	1.9
5	☐			5940.37		P	2.5
6	☐			9748.31		P	3.0
7	☐			17915.45		P	1.0
8	☐			1950.20		P	3.3

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8313.90		P	4.2
2	☐			8156.35		P	2.8
3	☐			8426.94		P	3.9
4	☐			8780.83		P	3.0
5	☐			9659.22		P	1.4
6	☐			11646.10		P	2.5
7	☐			14936.49		P	0.4
8	☐			8124.87		P	5.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	158.34	0.0000	P	30.2
2	☐	1.000	0.977	6637.98	0.0011	P	3.4
3	☐	50.000	47.330	326033.96	0.0527	P	0.2
4	☐	125.000	120.485	816345.43	0.1341	P	1.2
5	☐	250.000	250.907	1688070.49	0.2793	A	0.8
6	☐	500.000	508.132	3449804.33	0.5656	A	2.0
7	☐	1000.000	996.405	6576103.49	1.1091	A	5.1
8	☐			1966.87	0.0004	P	18.2

$$y = 0.0011 * x + 2.6497E-005$$

$$R = 0.9999$$

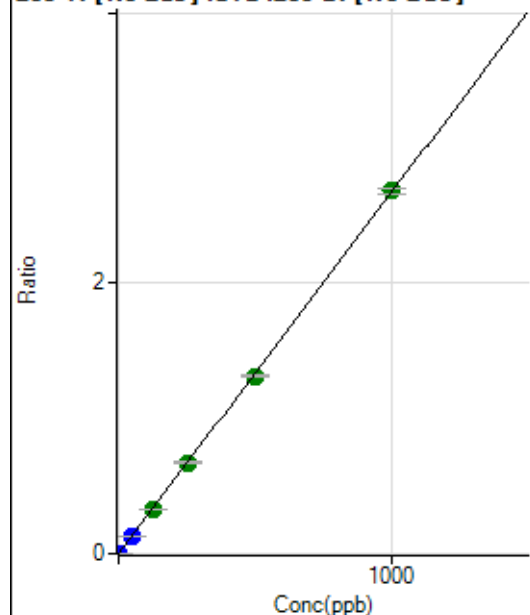
$$DL = 0.02156$$

$$BEC = 0.0238$$

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	544.47	0.0001	P	1.6
2	☐	1.000	0.937	15459.74	0.0026	P	3.4
3	☐	50.000	47.094	778896.65	0.1259	P	0.8
4	☐	125.000	123.884	2015117.15	0.3311	A	1.3
5	☐	250.000	252.337	4075989.20	0.6744	A	3.1
6	☐	500.000	491.610	8012538.20	1.3137	A	1.8
7	☐	1000.000	1003.895	15910505.04	2.6826	A	1.7
8	☐			4887.17	0.0010	P	9.7

$$y = 0.0027 * x + 9.0827E-005$$

$$R = 0.9999$$

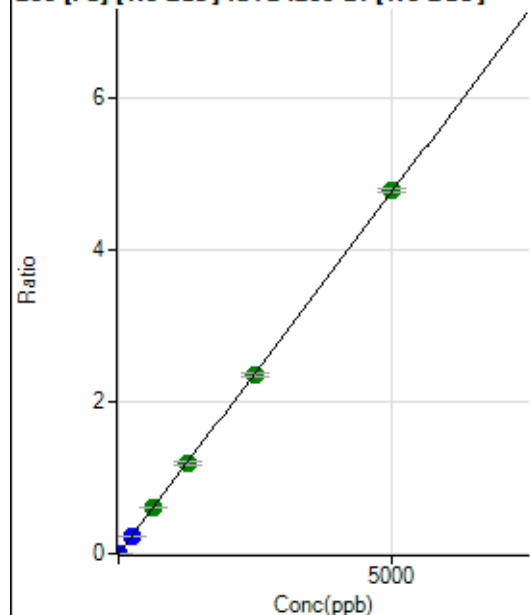
$$DL = 0.001599$$

$$BEC = 0.03399$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	753.74	0.0001	P	8.9
2	☐	1.000	0.959	6203.47	0.0010	P	0.8
3	☐	250.000	230.299	1359047.11	0.2197	P	1.2
4	☐	625.000	631.772	3667026.99	0.6025	A	0.6
5	☐	1250.000	1253.149	7221078.17	1.1950	A	2.7
6	☐	2500.000	2461.613	14315780.30	2.3473	A	2.2
7	☐	5000.000	5018.544	28386644.85	4.7853	A	0.9
8	☐			4847.30	0.0010	P	6.4

$$y = 9.5351E-004 * x + 1.2595E-004$$

$$R = 0.9999$$

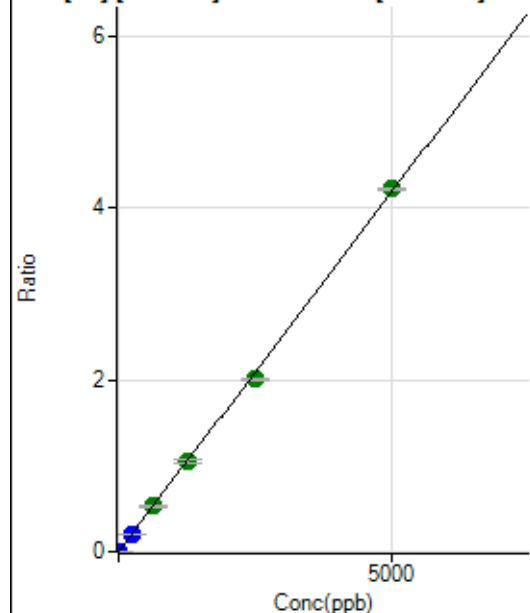
$$DL = 0.03508$$

$$BEC = 0.1321$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	742.63	0.0001	P	7.5
2	☐	1.000	0.902	5238.18	0.0009	P	3.1
3	☐	250.000	230.744	1194445.61	0.1931	P	0.7
4	☐	625.000	629.793	3206640.81	0.5268	A	2.1
5	☐	1250.000	1256.452	6350374.85	1.0509	A	3.0
6	☐	2500.000	2400.564	12246216.36	2.0077	A	1.6
7	☐	5000.000	5048.469	25044185.05	4.2220	A	0.8
8	☐			4178.53	0.0008	P	8.4

$$y = 8.3627E-004 * x + 1.2405E-004$$

$$R = 0.9997$$

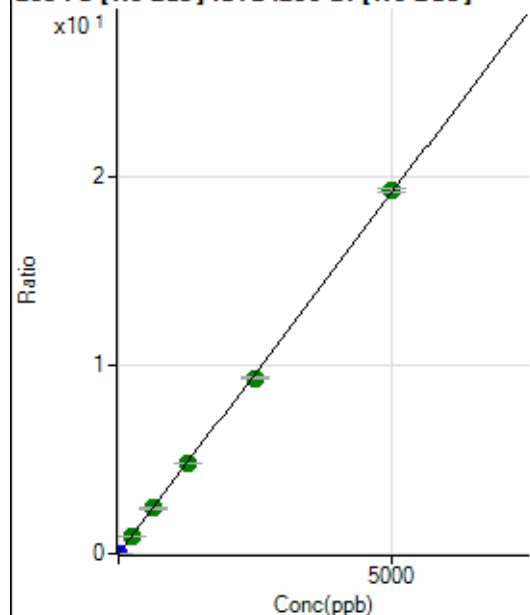
$$DL = 0.03341$$

$$BEC = 0.1483$$

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	3333.58	0.0006	P	6.0
2	☐	1.000	0.916	24220.42	0.0041	P	2.5
3	☐	250.000	239.810	5681923.78	0.9185	A	1.2
4	☐	625.000	627.166	14613572.72	2.4011	A	0.6
5	☐	1250.000	1250.567	28934453.83	4.7873	A	1.1
6	☐	2500.000	2439.182	56951407.06	9.3369	A	1.5
7	☐	5000.000	5030.506	114212059.5	19.2556	A	1.1
8	☐			19198.56	0.0038	P	5.9

$$y = 0.0038 * x + 5.5666E-004$$

$$R = 0.9999$$

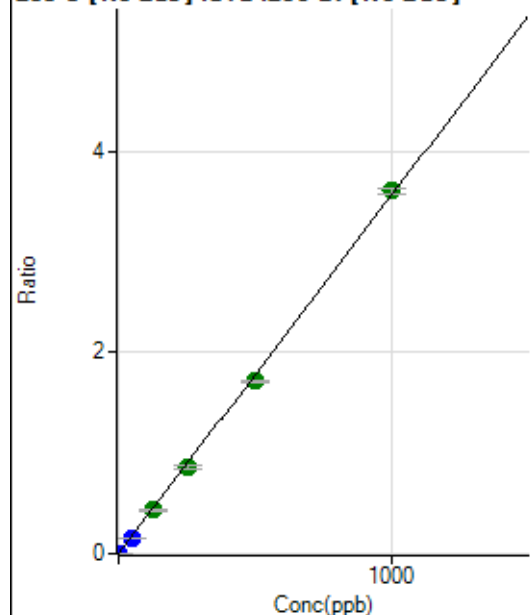
$$DL = 0.02611$$

$$BEC = 0.1454$$

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	16.66	0.0000	P	84.2
2	☐	1.000	0.919	19468.31	0.0033	P	8.3
3	☐	50.000	44.278	975058.38	0.1576	P	2.0
4	☐	125.000	121.050	2622870.13	0.4309	A	1.9
5	☐	250.000	241.952	5204977.59	0.8612	A	2.7
6	☐	500.000	480.984	10442118.90	1.7121	A	1.8
7	☐	1000.000	1012.300	21372966.97	3.6033	A	1.6
8	☐			950.06	0.0002	P	5.1

$$y = 0.0036 * x + 2.7428E-006$$

$$R = 0.9997$$

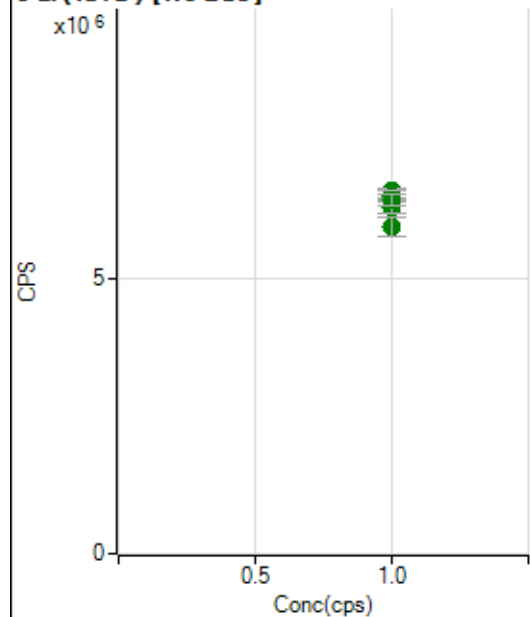
$$DL = 0.001947$$

$$BEC = 0.0007706$$

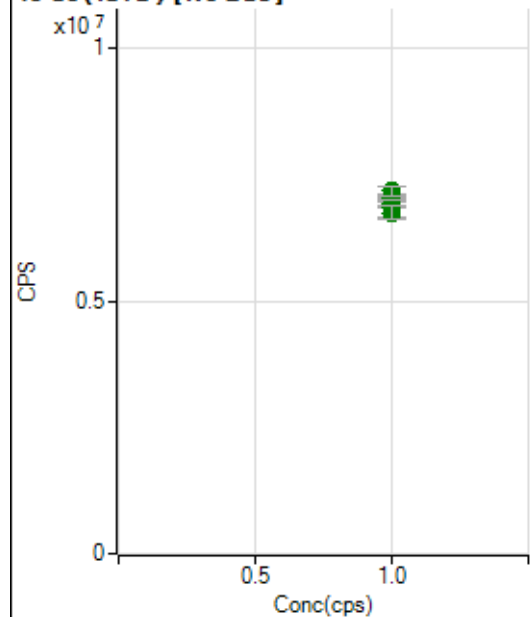
Weight: <None>

Min Conc: 0

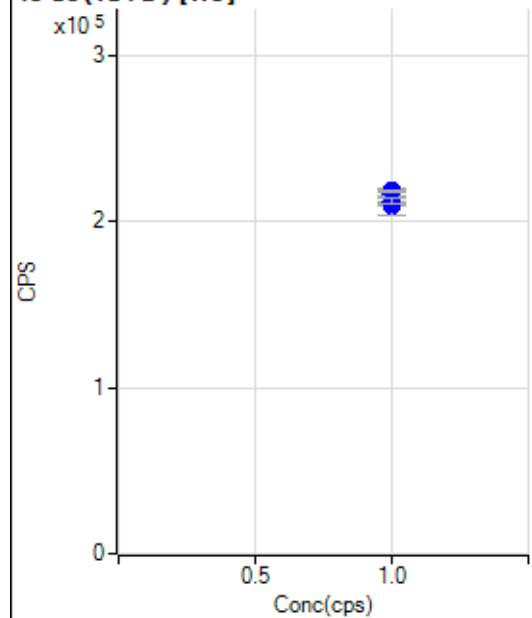
6 Li (ISTD) [No Gas]



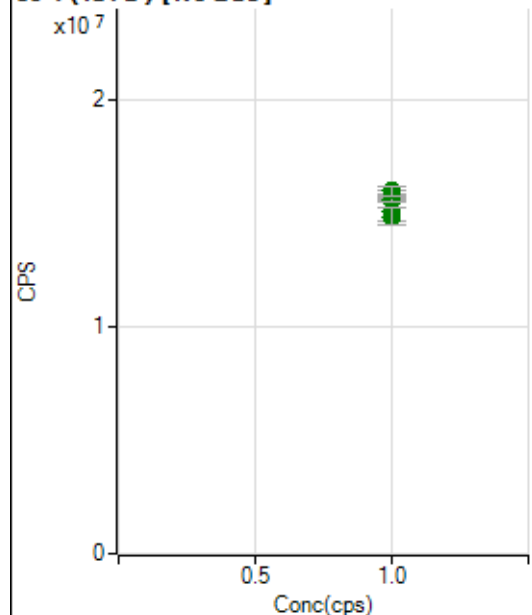
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6461435.09		A	1.7
2	☐	1.000		6281364.06		A	3.5
3	☐	1.000		6519330.30		A	2.4
4	☐	1.000		6492530.27		A	0.9
5	☐	1.000		6582316.96		A	1.8
6	☐	1.000		6502584.58		A	2.7
7	☐	1.000		6423523.27		A	2.9
8	☐	1.000		5935150.72		A	5.9

45 Sc (ISTD) [No Gas]

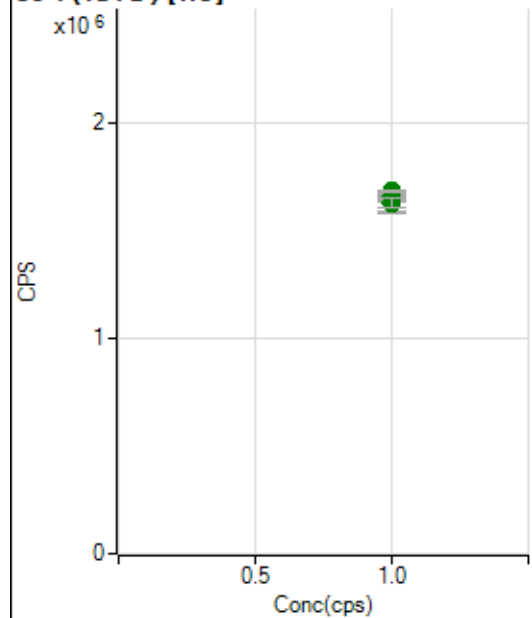
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6911617.88		A	2.2
2	☐	1.000		6836705.38		A	5.6
3	☐	1.000		7025088.51		A	1.0
4	☐	1.000		7007236.42		A	0.8
5	☐	1.000		7061527.32		A	1.9
6	☐	1.000		7062523.78		A	1.6
7	☐	1.000		7183357.88		A	2.5
8	☐	1.000		6752136.84		A	4.1

45 Sc (ISTD) [He]

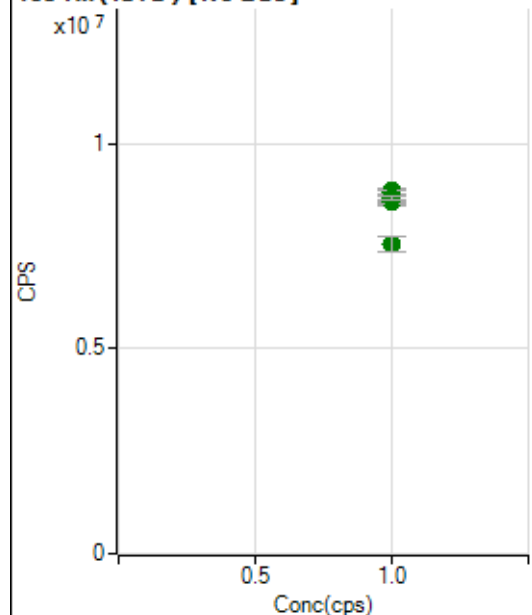
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		214888.72		P	4.4
2	☐	1.000		209284.92		P	5.4
3	☐	1.000		211007.14		P	0.6
4	☐	1.000		210342.67		P	1.3
5	☐	1.000		216283.05		P	1.2
6	☐	1.000		218459.34		P	1.1
7	☐	1.000		218411.23		P	0.3
8	☐	1.000		212459.63		P	1.3

89 Y (ISTD) [No Gas]

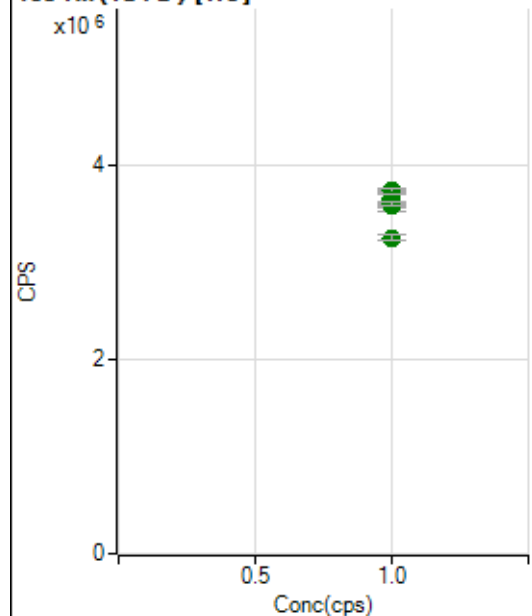
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15820187.26		A	2.1
2	☐	1.000		15107110.47		A	5.9
3	☐	1.000		15725233.24		A	1.5
4	☐	1.000		15769349.49		A	0.9
5	☐	1.000		15624802.26		A	1.2
6	☐	1.000		15631496.43		A	1.3
7	☐	1.000		15997601.43		A	2.6
8	☐	1.000		14875109.08		A	5.5

89 Y (ISTD) [He]

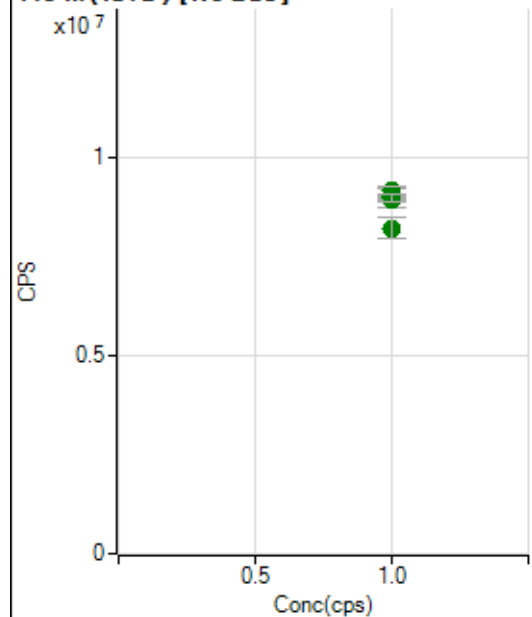
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1619280.11		A	5.4
2	☐	1.000		1635955.24		A	5.6
3	☐	1.000		1657399.77		A	1.4
4	☐	1.000		1624495.95		A	2.6
5	☐	1.000		1648749.04		A	2.0
6	☐	1.000		1662319.18		A	1.7
7	☐	1.000		1682939.33		A	0.7
8	☐	1.000		1628520.19		A	2.8

103 Rh (ISTD) [No Gas]

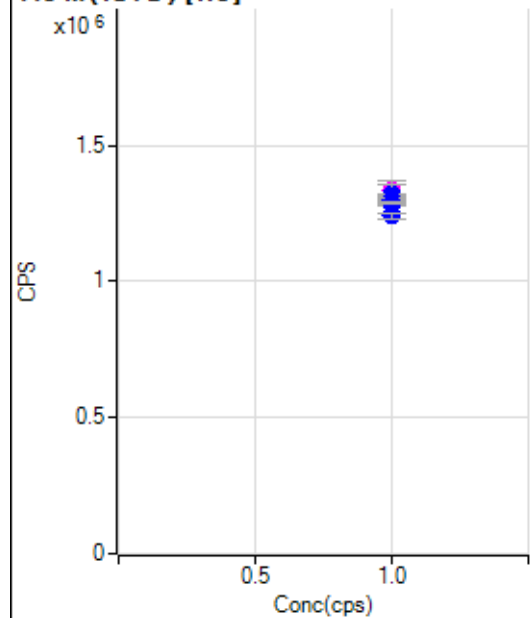
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8842304.62		A	1.3
2	☐	1.000		8612058.00		A	3.2
3	☐	1.000		8821691.52		A	1.8
4	☐	1.000		8675734.39		A	2.2
5	☐	1.000		8811947.07		A	0.9
6	☐	1.000		8575242.12		A	1.2
7	☐	1.000		8665909.92		A	0.7
8	☐	1.000		7542067.53		A	4.8

103 Rh (ISTD) [He]

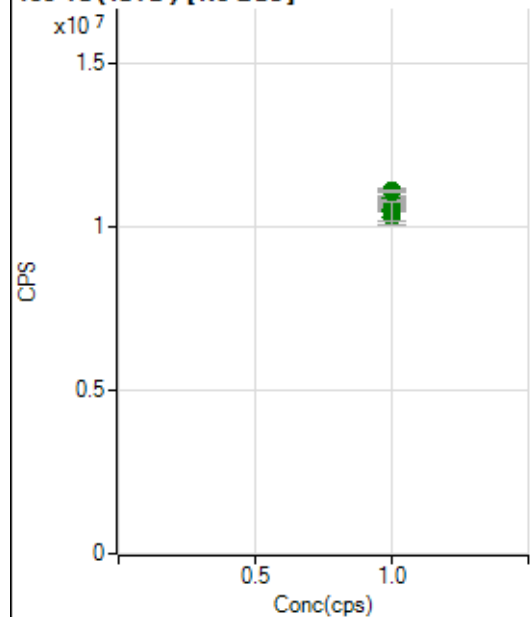
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3611750.47		A	5.5
2	☐	1.000		3646942.76		A	4.9
3	☐	1.000		3654486.54		A	2.2
4	☐	1.000		3567917.66		A	0.8
5	☐	1.000		3728330.85		A	1.5
6	☐	1.000		3645740.95		A	2.5
7	☐	1.000		3603080.81		A	1.1
8	☐	1.000		3245638.50		A	2.1

115 In (ISTD) [No Gas]

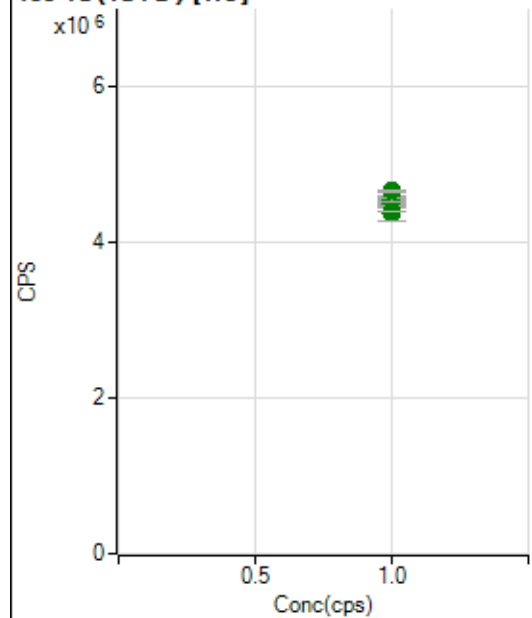
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8936970.13		A	0.9
2	☐	1.000		8966796.22		A	5.5
3	☐	1.000		9139801.18		A	2.8
4	☐	1.000		9004850.90		A	0.8
5	☐	1.000		9020161.59		A	1.3
6	☐	1.000		8914445.43		A	0.4
7	☐	1.000		8961002.09		A	2.3
8	☐	1.000		8207908.41		A	7.0

115 In (ISTD) [He]

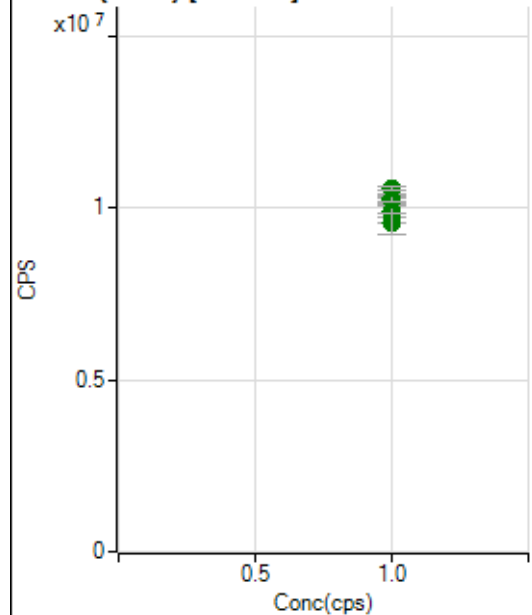
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1332797.56		M	5.5
2	☐	1.000		1318270.64		P	5.7
3	☐	1.000		1316275.33		P	1.0
4	☐	1.000		1304528.90		P	1.1
5	☐	1.000		1309486.74		P	1.4
6	☐	1.000		1299592.59		P	1.0
7	☐	1.000		1287505.38		P	0.7
8	☐	1.000		1240222.59		P	1.7

159 Tb (ISTD) [No Gas]

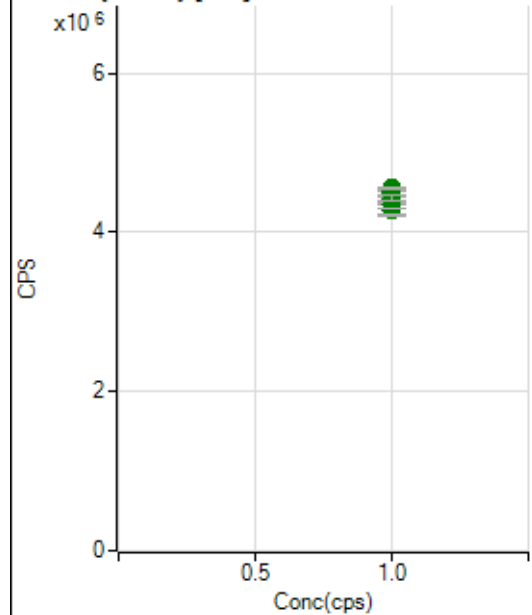
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10590738.66		A	1.8
2	☐	1.000		10264124.57		A	3.9
3	☐	1.000		10535138.39		A	2.0
4	☐	1.000		10730799.57		A	2.7
5	☐	1.000		10878621.64		A	0.9
6	☐	1.000		11059765.11		A	2.1
7	☐	1.000		11086117.61		A	0.9
8	☐	1.000		10478450.54		A	5.5

159 Tb (ISTD) [He]

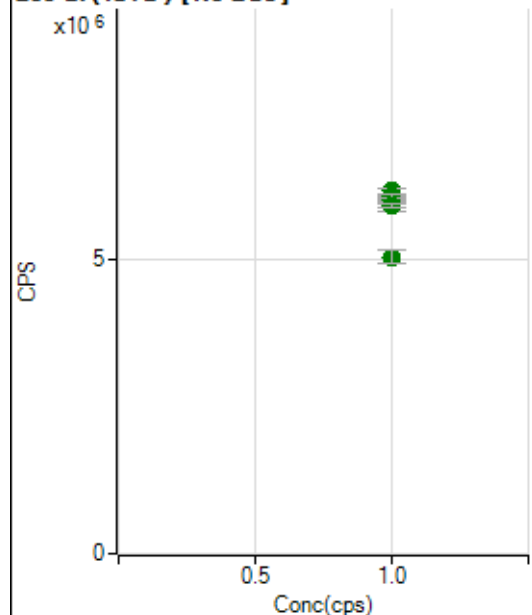
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4372605.00		A	3.9
2	☐	1.000		4409570.56		A	6.2
3	☐	1.000		4446840.25		A	1.9
4	☐	1.000		4485338.61		A	1.1
5	☐	1.000		4538739.96		A	2.7
6	☐	1.000		4550747.50		A	0.8
7	☐	1.000		4661729.20		A	0.7
8	☐	1.000		4396212.64		A	0.3

165 Ho (ISTD) [No Gas]

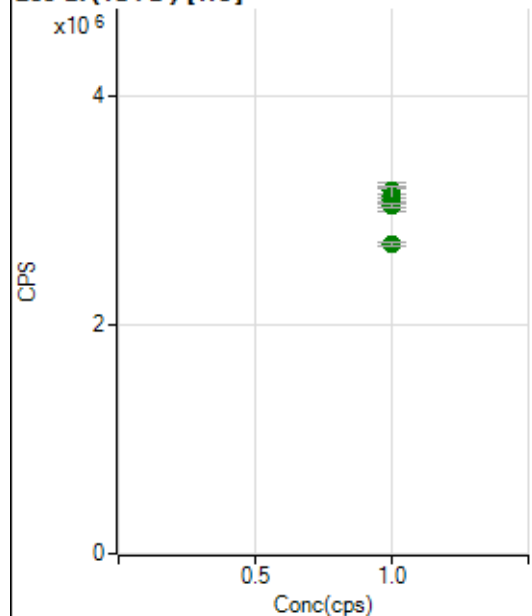
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9905482.60		A	3.4
2	☐	1.000		9845111.42		A	5.6
3	☐	1.000		10222362.90		A	2.4
4	☐	1.000		10275529.14		A	2.3
5	☐	1.000		10247915.16		A	1.5
6	☐	1.000		10291524.62		A	2.2
7	☐	1.000		10563209.61		A	1.1
8	☐	1.000		9553988.32		A	6.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4282131.39		A	2.9
2	☐	1.000		4338833.10		A	5.9
3	☐	1.000		4373393.37		A	1.0
4	☐	1.000		4348099.69		A	1.7
5	☐	1.000		4487714.27		A	1.4
6	☐	1.000		4516985.66		A	2.1
7	☐	1.000		4559839.69		A	0.6
8	☐	1.000		4429190.07		A	1.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5996214.91		A	3.3
2	☐	1.000		5962591.58		A	4.5
3	☐	1.000		6185471.78		A	1.7
4	☐	1.000		6086413.17		A	1.4
5	☐	1.000		6044092.55		A	1.9
6	☐	1.000		6100179.08		A	1.5
7	☐	1.000		5931991.30		A	1.5
8	☐	1.000		5056138.57		A	4.7

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3103520.89		A	7.1
2	☐	1.000		3123591.90		A	8.1
3	☐	1.000		3130286.69		A	1.5
4	☐	1.000		3062163.98		A	0.6
5	☐	1.000		3173953.91		A	1.9
6	☐	1.000		3136121.17		A	4.5
7	☐	1.000		3044193.81		A	0.9
8	☐	1.000		2704849.09		A	1.3

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP8083022-MS.b

Acq. Date-Time 2022-08-30 10:47:01

Report Comment ---

Instrument Name G8403A SG19224459

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		9599	95989.71			2.573	5.000
24		103348	1033482.38			1.521	5.000
25		13634	136337.09			2.258	5.000
26		15672	156721.89			2.759	5.000
59		51376	513755.48			2.213	5.000
113		2854	28538.45			3.751	5.000
115		64266	642662.80			3.382	5.000
206		12514	125137.78			1.486	5.000
207		11297	112967.13			2.791	5.000
208		26896	268957.95			2.543	5.000
220		1	6.90			33.365	

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

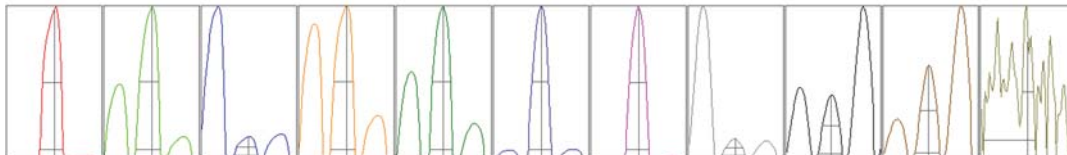
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	9785	9723	9174	9714	9599
24	103992	105006	101211	104301	102232
25	13735	13722	13159	13994	13559
26	15832	15951	14915	15932	15730
59	51636	51430	49524	52640	51648
113	2993	2880	2703	2885	2809
115	66404	65260	60879	65351	63438
206	12656	12447	12257	12729	12480
207	11573	11217	10791	11527	11375
208	27048	27091	25695	27372	27273

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	17323.45	9.05	8.90 - 9.10	
24	182477.04	24.05	23.90 - 24.10	
25	23860.47	25.00	24.90 - 25.10	
26	27010.77	26.05	25.90 - 26.10	
59	94275.26	59.00	58.90 - 59.10	
113	5691.53	113.05	112.90 - 113.10	
115	127910.89	115.05	114.90 - 115.10	
206	24136.70	206.00	205.90 - 206.10	
207	21620.15	206.95	206.90 - 207.10	
208	52421.73	207.95	207.90 - 208.10	
220	0.95	220.00	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.59	0.734	0.900	
24	0.60	0.782	0.900	
25	0.61	0.744	0.900	
26	0.61	0.783	0.900	
59	0.57	0.736	0.900	
113	0.52	0.730	0.900	
115	0.52	0.730	0.900	
206	0.53	0.747	0.900	
207	0.55	0.770	0.900	
208	0.53	0.781	0.900	
220	0.36	1.621		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.87 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	9.7 V	Deflect	16.0 V
Extract 2	-160.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-95 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	140 V		

QP Parameters

Mass Gain	124	Axis Gain	0.9993	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	0.00		

Hardware Settings

Torch

Torch H	0.8 mm	Torch V	-1.0 mm

EM

Discriminator	4.4 mV	Analog HV	2303 V	Pulse HV	1627 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		9691	96914.07			0.909	
89		18619	186185.91			0.884	
205		50675	506746.80			1.661	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	9616	9601	9716	9704	9820
89	18464	18588	18709	18478	18855
205	49542	51401	50409	50408	51614

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.87 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	9.7 V	Deflect	4.0 V

US EPA Tune Check Report

Extract 2	-160.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-95 V	Cell Exit	-70 V		

Cell Parameters

Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	124	Axis Gain	0.9993	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	0.00		

Hardware Settings

Torch

Torch H	0.8 mm	Torch V	-1.0 mm

EM

Discriminator	4.4 mV	Analog HV	2303 V	Pulse HV	1627 V

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 11:33:04	DataFile Name :	006CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.09	-0.03	-0.06	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	0.00	-0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.06	0.01	-0.07	0.00	N/A	ppb
Boron	11-1	0.02	0.01	-0.03	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Cadmium	106-1	-0.50	0.52	-0.02	0.00	N/A	ppb
Cadmium	108-1	-0.11	0.00	0.11	0.00	N/A	ppb
Calcium	43-1	0.89	-0.46	-0.43	0.00	N/A	ppb
Calcium	44-1	-0.86	0.35	0.51	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	-0.02	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.05	-0.02	-0.03	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	54-2	-0.02	0.42	-0.40	0.00	N/A	ppb
Iron	56-2	0.12	-0.11	-0.01	0.00	N/A	ppb
Iron	57-2	0.23	-0.96	0.73	0.00	N/A	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 11:33:04	DataFile Name :	006CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lead	207-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lead	208-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.14	-0.07	-0.06	0.00	N/A	ppb
Manganese	55-2	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	-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	-0.01	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.01	-0.02	0.00	N/A	ppb
Phosphorus	31-2	-30.33	-39.81	-9.31	-26.48		ppb
Potassium	39-2	5.93	-4.88	-1.05	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	-0.09	0.07	0.00	N/A	ppb
Selenium	77-2	-0.22	0.43	-0.22	0.00	N/A	ppb
Selenium	78-2	0.44	-0.20	-0.24	0.00	N/A	ppb
Silicon	28-1	-1.21	0.19	1.02	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	4.15	-2.06	-2.09	0.00	N/A	ppb
Strontium	86-1	-0.02	0.04	-0.03	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-298.95	9.59	100.41	-62.98		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	0.01	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	-0.01	0.01	0.00	N/A	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 11:33:04	DataFile Name :	006CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.01	-0.02	0.00	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.13	0.00	0.13	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	-0.01	0.01	0.00	0.00	N/A	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 11:36:13	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.86	20.39	21.72	21.99	7.97	ppb
Antimony	121-1	2.15	2.15	2.22	2.17	1.77	ppb
Arsenic	75-2	1.18	1.07	1.10	1.12	5.03	ppb
Barium	135-1	10.06	9.78	10.21	10.01	2.18	ppb
Barium	137-1	10.16	9.87	10.35	10.13	2.40	ppb
Beryllium	9-1	1.11	1.14	1.17	1.14	2.54	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	10-1	18.16	19.40	20.67	19.41	6.47	ppb
Boron	11-1	18.37	20.12	21.43	19.97	7.70	ppb
Bromine	81-1						cps
Cadmium	111-1	1.22	1.11	1.30	1.21	7.73	ppb
Cadmium	106-1	2.02	0.07	2.24	1.44	82.76	ppb
Cadmium	108-1	1.03	1.25	0.76	1.01	24.31	ppb
Calcium	43-1	477.01	472.51	508.33	485.95	4.01	ppb
Calcium	44-1	486.13	470.42	513.37	489.97	4.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.18	1.84	1.88	1.97	9.55	ppb
Cobalt	59-2	1.12	0.96	1.01	1.03	7.73	ppb
Copper	63-2	2.34	2.05	2.11	2.17	7.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	54-2	61.25	52.39	56.94	56.86	7.79	ppb
Iron	56-2	58.65	51.21	53.42	54.43	7.02	ppb
Iron	57-2	57.08	53.66	51.31	54.01	5.37	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 11:36:13	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.95	0.95	0.97	0.96	0.92	ppb
Lead	207-1	0.92	0.86	0.92	0.90	3.64	ppb
Lead	208-1	0.91	0.90	0.95	0.92	2.93	ppb
Lithium	6-1				97		%
Magnesium	24-2	617.62	534.62	539.15	563.80	8.28	ppb
Manganese	55-2	1.15	0.97	1.05	1.06	8.50	ppb
Molybdenum	94-1	5.70	6.14	6.41	6.08	5.92	ppb
Molybdenum	95-1	4.94	5.17	5.59	5.23	6.21	ppb
Molybdenum	96-1	4.94	5.02	5.35	5.11	4.22	ppb
Molybdenum	97-1	4.90	5.13	5.56	5.20	6.53	ppb
Molybdenum	98-1	4.88	4.98	5.55	5.14	7.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.20	0.90	1.19	1.10	15.37	ppb
Phosphorus	31-2	66.37	-24.23	37.30	26.48	174.68	ppb
Potassium	39-2	561.39	495.96	510.81	522.72	6.56	ppb
Rhodium	103-1				97		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	5.33	6.19	5.57	5.70	7.76	ppb
Selenium	77-2	8.80	8.48	7.65	8.31	7.17	ppb
Selenium	78-2	7.46	4.99	5.32	5.92	22.58	ppb
Silicon	28-1	3.64	2.65	6.73	4.34	49.15	ppb
Silver	107-1	1.15	1.03	1.15	1.11	6.56	ppb
Silver	109-1	1.08	1.13	1.09	1.10	2.38	ppb
Sodium	23-2	581.18	490.46	507.78	526.48	9.15	ppb
Strontium	86-1	1.03	0.95	0.98	0.99	3.99	ppb
Strontium	88-1	0.97	1.04	1.03	1.02	3.69	ppb
Sulfur	34-1	-207.29	-287.28	683.51	62.98	855.64	ppb
Terbium	159-1				97		%
Terbium	159-2				101		%
Thallium	203-1	0.96	0.96	1.02	0.98	3.53	ppb
Thallium	205-1	0.92	0.91	0.98	0.94	3.57	ppb
Tin	118-1	5.35	5.51	5.64	5.50	2.63	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 11:36:13	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.10	5.02	5.52	5.22	5.16	ppb
Uranium	238-1	0.83	0.94	0.98	0.92	8.28	ppb
Vanadium	51-2	5.23	4.58	4.71	4.84	7.16	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				101		%
Zinc	66-2	2.79	2.21	2.27	2.42	13.18	ppb
Zirconium	90-1	0.95	0.99	1.03	0.99	4.10	ppb
Zirconium	91-1	0.90	0.88	1.14	0.97	15.03	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 11:39:24	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1097.03	1071.33	1059.11	1075.82	1.80	ppb
Antimony	121-1	53.02	50.75	51.58	51.78	2.22	ppb
Arsenic	75-2	52.66	51.09	50.20	51.32	2.43	ppb
Barium	135-1	258.91	247.89	251.84	252.88	2.21	ppb
Barium	137-1	257.99	248.34	253.96	253.43	1.91	ppb
Beryllium	9-1	50.58	52.85	51.35	51.59	2.24	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	45.82	50.15	51.73	49.23	6.21	ppb
Boron	11-1	46.87	52.86	54.24	51.32	7.64	ppb
Bromine	81-1						cps
Cadmium	111-1	55.62	53.24	54.98	54.62	2.26	ppb
Cadmium	106-1	54.42	50.36	54.43	53.07	4.43	ppb
Cadmium	108-1	54.47	55.33	54.49	54.76	0.89	ppb
Calcium	43-1	5597.17	5567.87	5549.58	5571.54	0.43	ppb
Calcium	44-1	5421.59	5227.81	5319.43	5322.94	1.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.08	48.39	48.38	49.28	3.16	ppb
Cobalt	59-2	51.11	50.22	49.65	50.33	1.46	ppb
Copper	63-2	560.92	511.85	506.20	526.32	5.72	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				102		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	54-2	2763.36	2720.07	2708.62	2730.69	1.06	ppb
Iron	56-2	2873.43	2776.40	2669.98	2773.27	3.67	ppb
Iron	57-2	2732.27	2701.63	2579.69	2671.20	3.02	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 11:39:24	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	232.86	227.31	230.73	230.30	1.22	ppb
Lead	207-1	232.34	230.95	228.93	230.74	0.74	ppb
Lead	208-1	241.43	241.55	236.46	239.81	1.21	ppb
Lithium	6-1				101		%
Magnesium	24-2	5798.53	5552.94	5413.89	5588.45	3.49	ppb
Manganese	55-2	501.79	486.10	485.09	490.99	1.91	ppb
Molybdenum	94-1	521.46	518.92	486.37	508.92	3.85	ppb
Molybdenum	95-1	505.76	505.54	497.40	502.90	0.95	ppb
Molybdenum	96-1	500.77	509.92	494.44	501.71	1.55	ppb
Molybdenum	97-1	514.22	514.25	482.97	503.81	3.58	ppb
Molybdenum	98-1	500.66	508.35	483.08	497.36	2.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.25	53.14	53.31	53.56	1.11	ppb
Phosphorus	31-2	964.13	1014.31	1140.04	1039.49	8.72	ppb
Potassium	39-2	2642.86	2574.45	2595.14	2604.15	1.35	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	82-1	54.19	54.29	52.57	53.69	1.80	ppb
Selenium	77-2	63.34	57.76	42.62	54.57	19.65	ppb
Selenium	78-2	56.18	54.22	54.20	54.87	2.08	ppb
Silicon	28-1	53.48	54.99	53.00	53.82	1.93	ppb
Silver	107-1	55.10	53.47	54.53	54.37	1.52	ppb
Silver	109-1	54.30	53.92	54.44	54.22	0.50	ppb
Sodium	23-2	5430.43	5488.73	5158.80	5359.32	3.29	ppb
Strontium	86-1	1274.62	1249.28	1231.05	1251.65	1.75	ppb
Strontium	88-1	1255.70	1268.01	1194.96	1239.56	3.15	ppb
Sulfur	34-1	1096.63	1109.40	1324.62	1176.88	10.88	ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	47.40	47.22	47.37	47.33	0.19	ppb
Thallium	205-1	47.24	46.67	47.38	47.09	0.80	ppb
Tin	118-1	52.71	52.85	51.37	52.31	1.56	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 11:39:24	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	509.74	499.24	500.90	503.29	1.12	ppb
Uranium	238-1	44.14	45.24	43.45	44.28	2.04	ppb
Vanadium	51-2	49.87	48.18	48.52	48.86	1.82	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				102		%
Zinc	66-2	534.23	551.59	528.29	538.03	2.25	ppb
Zirconium	90-1	50.68	50.03	48.77	49.83	1.95	ppb
Zirconium	91-1	49.47	50.74	47.81	49.34	2.97	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 11:42:44	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2787.65	2639.71	2654.28	2693.88	3.03	ppb
Antimony	121-1	131.01	124.70	128.26	127.99	2.47	ppb
Arsenic	75-2	135.35	125.79	127.41	129.52	3.95	ppb
Barium	135-1	626.93	598.98	627.70	617.87	2.65	ppb
Barium	137-1	641.55	624.09	655.13	640.26	2.43	ppb
Beryllium	9-1	129.57	130.86	126.76	129.07	1.62	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	116.40	124.51	124.58	121.83	3.86	ppb
Boron	11-1	125.20	133.66	134.76	131.21	3.98	ppb
Bromine	81-1						cps
Cadmium	111-1	134.60	130.02	133.68	132.77	1.82	ppb
Cadmium	106-1	133.90	124.04	132.23	130.06	4.06	ppb
Cadmium	108-1	134.57	130.01	136.53	133.70	2.50	ppb
Calcium	43-1	13667.94	14072.82	14069.15	13936.64	1.67	ppb
Calcium	44-1	13084.66	13590.18	12617.82	13097.55	3.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	127.99	122.28	121.36	123.88	2.90	ppb
Cobalt	59-2	126.44	124.14	122.21	124.26	1.70	ppb
Copper	63-2	1417.74	1330.59	1299.72	1349.35	4.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	54-2	7051.66	6774.43	6741.35	6855.81	2.49	ppb
Iron	56-2	7207.53	6815.56	6852.52	6958.54	3.11	ppb
Iron	57-2	6963.34	6590.81	6647.74	6733.96	2.98	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 11:42:44	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	627.83	632.21	635.28	631.77	0.59	ppb
Lead	207-1	644.66	618.30	626.42	629.79	2.14	ppb
Lead	208-1	625.74	624.53	631.23	627.17	0.57	ppb
Lithium	6-1				100		%
Magnesium	24-2	14619.66	13643.56	13839.47	14034.23	3.68	ppb
Manganese	55-2	1334.57	1275.85	1240.03	1283.48	3.72	ppb
Molybdenum	94-1	1291.36	1264.56	1231.07	1262.33	2.39	ppb
Molybdenum	95-1	1266.67	1232.32	1265.31	1254.76	1.55	ppb
Molybdenum	96-1	1252.62	1251.93	1241.45	1248.66	0.50	ppb
Molybdenum	97-1	1283.18	1250.99	1251.54	1261.90	1.46	ppb
Molybdenum	98-1	1250.64	1215.18	1225.36	1230.39	1.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	135.23	131.52	127.64	131.46	2.89	ppb
Phosphorus	31-2	2648.32	2479.30	2432.50	2520.04	4.51	ppb
Potassium	39-2	6611.51	6449.59	6344.33	6468.47	2.08	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	135.42	129.67	132.60	132.56	2.17	ppb
Selenium	77-2	129.06	130.61	138.43	132.70	3.78	ppb
Selenium	78-2	144.62	128.78	128.60	134.00	6.86	ppb
Silicon	28-1	132.64	135.76	137.39	135.26	1.78	ppb
Silver	107-1	135.12	129.58	134.42	133.04	2.27	ppb
Silver	109-1	134.06	130.63	133.74	132.81	1.43	ppb
Sodium	23-2	13646.67	12965.91	13196.91	13269.83	2.61	ppb
Strontium	86-1	3064.45	3070.11	3140.80	3091.79	1.38	ppb
Strontium	88-1	3123.20	3056.31	3143.26	3107.59	1.46	ppb
Sulfur	34-1	3082.65	3032.93	2956.13	3023.90	2.11	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	118.95	120.64	121.86	120.49	1.22	ppb
Thallium	205-1	123.38	122.60	125.67	123.88	1.29	ppb
Tin	118-1	130.14	124.95	130.39	128.49	2.39	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 11:42:44	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1265.76	1297.43	1246.05	1269.74	2.04	ppb
Uranium	238-1	123.67	119.89	119.59	121.05	1.88	ppb
Vanadium	51-2	126.48	120.21	120.21	122.30	2.96	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	1392.24	1333.99	1332.55	1352.92	2.52	ppb
Zirconium	90-1	124.78	124.83	125.91	125.17	0.51	ppb
Zirconium	91-1	123.43	124.63	122.54	123.54	0.85	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 11:45:52	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5239.00	5292.31	5202.71	5244.67	0.86	ppb
Antimony	121-1	263.23	259.17	256.18	259.53	1.36	ppb
Arsenic	75-2	261.78	256.79	254.27	257.61	1.48	ppb
Barium	135-1	1295.14	1197.32	1272.92	1255.13	4.09	ppb
Barium	137-1	1258.22	1260.20	1236.73	1251.72	1.04	ppb
Beryllium	9-1	248.98	245.18	254.53	249.56	1.88	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	231.09	248.90	257.82	245.94	5.53	ppb
Boron	11-1	246.48	260.43	278.15	261.69	6.07	ppb
Bromine	81-1						cps
Cadmium	111-1	265.00	257.56	259.07	260.54	1.51	ppb
Cadmium	106-1	260.07	258.87	260.66	259.87	0.35	ppb
Cadmium	108-1	261.90	252.83	259.89	258.21	1.84	ppb
Calcium	43-1	28392.82	27777.71	27312.05	27827.53	1.95	ppb
Calcium	44-1	26854.50	26750.35	26434.53	26679.79	0.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	241.66	246.40	241.19	243.08	1.19	ppb
Cobalt	59-2	248.03	249.25	239.54	245.61	2.15	ppb
Copper	63-2	2562.97	2598.47	2504.99	2555.48	1.85	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				103		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	54-2	13454.18	14167.65	13565.36	13729.06	2.80	ppb
Iron	56-2	13495.42	13890.23	13821.34	13735.66	1.54	ppb
Iron	57-2	13342.74	13247.10	13080.84	13223.56	1.00	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 11:45:52	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1285.63	1219.11	1254.71	1253.15	2.66	ppb
Lead	207-1	1299.00	1224.85	1245.51	1256.45	3.05	ppb
Lead	208-1	1266.47	1244.16	1241.08	1250.57	1.11	ppb
Lithium	6-1				102		%
Magnesium	24-2	27131.27	28271.05	26272.42	27224.91	3.68	ppb
Manganese	55-2	2486.34	2525.36	2468.08	2493.26	1.17	ppb
Molybdenum	94-1	2594.26	2473.67	2514.21	2527.38	2.43	ppb
Molybdenum	95-1	2544.91	2476.17	2498.31	2506.46	1.40	ppb
Molybdenum	96-1	2513.58	2448.85	2516.86	2493.10	1.54	ppb
Molybdenum	97-1	2636.50	2504.17	2504.43	2548.37	2.99	ppb
Molybdenum	98-1	2542.12	2516.63	2493.34	2517.37	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	255.81	260.67	254.94	257.14	1.20	ppb
Phosphorus	31-2	5089.73	5184.76	5217.74	5164.08	1.29	ppb
Potassium	39-2	12830.70	13330.59	12745.40	12968.90	2.44	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	264.80	258.75	259.88	261.14	1.23	ppb
Selenium	77-2	268.42	249.38	245.83	254.54	4.77	ppb
Selenium	78-2	261.78	251.54	267.25	260.19	3.07	ppb
Silicon	28-1	274.50	273.17	267.43	271.70	1.38	ppb
Silver	107-1	267.69	265.22	258.47	263.80	1.81	ppb
Silver	109-1	266.73	263.01	268.88	266.21	1.12	ppb
Sodium	23-2	26242.12	27013.64	26423.77	26559.84	1.52	ppb
Strontium	86-1	6279.22	6259.88	6229.62	6256.24	0.40	ppb
Strontium	88-1	6433.27	6374.88	6205.35	6337.83	1.87	ppb
Sulfur	34-1	6724.23	6113.17	5940.59	6259.33	6.58	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	252.47	248.81	251.44	250.91	0.75	ppb
Thallium	205-1	261.01	250.13	245.86	252.34	3.10	ppb
Tin	118-1	269.69	252.35	261.67	261.24	3.32	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 11:45:52	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2564.42	2585.68	2483.89	2544.67	2.11	ppb
Uranium	238-1	249.53	238.07	238.26	241.95	2.71	ppb
Vanadium	51-2	244.83	244.98	240.86	243.56	0.96	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				102		%
Zinc	66-2	2546.36	2650.38	2546.66	2581.14	2.32	ppb
Zirconium	90-1	252.50	243.67	256.11	250.76	2.55	ppb
Zirconium	91-1	255.11	245.31	247.28	249.23	2.08	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 11:48:58	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10726.61	10494.32	10098.24	10439.72	3.04	ppb
Antimony	121-1	499.00	507.88	495.36	500.74	1.29	ppb
Arsenic	75-2	502.28	512.16	487.91	500.78	2.43	ppb
Barium	135-1	2419.28	2490.77	2399.62	2436.56	1.97	ppb
Barium	137-1	2516.70	2464.09	2387.11	2455.97	2.65	ppb
Beryllium	9-1	502.59	518.86	524.44	515.30	2.20	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	456.88	526.10	519.58	500.85	7.63	ppb
Boron	11-1	463.74	520.26	511.62	498.54	6.11	ppb
Bromine	81-1						cps
Cadmium	111-1	499.56	501.04	478.84	493.15	2.52	ppb
Cadmium	106-1	499.03	508.64	490.47	499.38	1.82	ppb
Cadmium	108-1	505.56	497.87	492.89	498.77	1.28	ppb
Calcium	43-1	57529.85	58752.61	55914.61	57399.02	2.48	ppb
Calcium	44-1	52795.15	53570.62	50952.64	52439.47	2.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	486.52	474.61	469.27	476.80	1.85	ppb
Cobalt	59-2	516.19	506.17	482.98	501.78	3.39	ppb
Copper	63-2	5123.98	4978.76	4953.55	5018.76	1.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	54-2	28955.38	27858.42	26533.95	27782.58	4.36	ppb
Iron	56-2	28041.31	27242.51	26809.92	27364.58	2.28	ppb
Iron	57-2	26982.13	26032.39	25430.36	26148.29	2.99	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 11:48:58	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2422.34	2437.84	2524.66	2461.61	2.24	ppb
Lead	207-1	2356.92	2426.00	2418.77	2400.56	1.58	ppb
Lead	208-1	2396.88	2455.06	2465.61	2439.18	1.52	ppb
Lithium	6-1				101		%
Magnesium	24-2	55363.20	54098.21	52742.27	54067.89	2.42	ppb
Manganese	55-2	5117.11	4924.77	4893.98	4978.62	2.43	ppb
Molybdenum	94-1	4954.52	5184.05	5065.07	5067.88	2.27	ppb
Molybdenum	95-1	5011.39	5092.18	5104.12	5069.23	1.00	ppb
Molybdenum	96-1	4921.98	5129.08	5110.32	5053.80	2.27	ppb
Molybdenum	97-1	4909.04	5046.68	5097.85	5017.86	1.95	ppb
Molybdenum	98-1	4924.17	5069.13	4980.43	4991.24	1.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	515.24	505.54	488.43	503.07	2.70	ppb
Phosphorus	31-2	10040.20	9854.40	9663.82	9852.81	1.91	ppb
Potassium	39-2	26424.16	25145.84	25425.33	25665.11	2.62	ppb
Rhodium	103-1				97		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	511.43	520.95	518.38	516.92	0.95	ppb
Selenium	77-2	492.18	495.75	472.21	486.71	2.61	ppb
Selenium	78-2	502.37	519.80	491.55	504.57	2.83	ppb
Silicon	28-1	523.48	536.72	519.56	526.59	1.71	ppb
Silver	107-1	533.44	520.62	502.27	518.78	3.02	ppb
Silver	109-1	510.57	502.69	491.33	501.53	1.93	ppb
Sodium	23-2	52422.40	53034.16	49808.49	51755.01	3.31	ppb
Strontium	86-1	12336.28	12658.75	12842.32	12612.45	2.03	ppb
Strontium	88-1	12147.10	12944.27	12590.76	12560.71	3.18	ppb
Sulfur	34-1	10176.29	9811.23	9524.06	9837.19	3.32	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	503.01	501.56	519.83	508.13	2.00	ppb
Thallium	205-1	485.70	487.54	501.59	491.61	1.77	ppb
Tin	118-1	492.69	517.80	492.10	500.86	2.93	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 11:48:58	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4920.53	4939.42	4852.42	4904.12	0.93	ppb
Uranium	238-1	474.78	477.31	490.86	480.98	1.80	ppb
Vanadium	51-2	496.59	482.99	474.00	484.53	2.35	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				103		%
Zinc	66-2	5162.29	5065.04	4998.77	5075.37	1.62	ppb
Zirconium	90-1	493.05	507.64	510.62	503.77	1.87	ppb
Zirconium	91-1	500.43	518.26	514.14	510.95	1.83	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 11:52:07	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21763.16	22300.65	21292.83	21785.55	2.31	ppb
Antimony	121-1	1006.86	985.65	997.84	996.78	1.07	ppb
Arsenic	75-2	1008.34	997.57	985.31	997.08	1.16	ppb
Barium	135-1	4995.58	5106.54	4991.44	5031.19	1.30	ppb
Barium	137-1	4943.38	5067.05	5048.09	5019.51	1.33	ppb
Beryllium	9-1	959.39	1044.12	972.10	991.87	4.61	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	964.63	1057.46	981.40	1001.16	4.94	ppb
Boron	11-1	948.12	1068.53	974.63	997.09	6.35	ppb
Bromine	81-1						cps
Cadmium	111-1	1012.44	978.17	1008.15	999.59	1.87	ppb
Cadmium	106-1	996.92	1003.31	990.94	997.06	0.62	ppb
Cadmium	108-1	1008.14	993.20	990.38	997.24	0.96	ppb
Calcium	43-1	117049.76	115084.84	112041.76	114725.46	2.20	ppb
Calcium	44-1	106140.25	105980.41	101261.02	104460.56	2.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1001.25	1019.37	1019.89	1013.51	1.05	ppb
Cobalt	59-2	985.59	1008.42	1006.84	1000.28	1.27	ppb
Copper	63-2	10027.09	9877.60	9984.34	9963.01	0.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	54-2	56526.78	56595.15	54992.44	56038.13	1.62	ppb
Iron	56-2	53876.14	54196.05	53714.98	53929.06	0.45	ppb
Iron	57-2	56058.43	56147.63	55834.12	56013.39	0.29	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 11:52:07	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5068.63	4980.75	5006.25	5018.54	0.90	ppb
Lead	207-1	5082.05	5004.63	5058.73	5048.47	0.79	ppb
Lead	208-1	5031.50	4973.83	5086.18	5030.51	1.12	ppb
Lithium	6-1				99		%
Magnesium	24-2	109577.58	110092.89	106184.90	108618.45	1.95	ppb
Manganese	55-2	10006.40	10200.87	9818.65	10008.64	1.91	ppb
Molybdenum	94-1	10205.97	10118.70	9547.01	9957.23	3.59	ppb
Molybdenum	95-1	10303.66	9948.36	9637.06	9963.03	3.35	ppb
Molybdenum	96-1	10304.30	9931.12	9689.31	9974.91	3.11	ppb
Molybdenum	97-1	10526.75	9862.14	9543.01	9977.30	5.03	ppb
Molybdenum	98-1	10416.30	10037.71	9553.85	10002.62	4.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	996.90	991.80	998.38	995.69	0.35	ppb
Phosphorus	31-2	20080.52	19627.56	20376.21	20028.10	1.88	ppb
Potassium	39-2	53278.63	51628.21	53223.80	52710.21	1.78	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	1004.79	996.11	961.97	987.62	2.29	ppb
Selenium	77-2	1001.20	982.12	1029.57	1004.30	2.38	ppb
Selenium	78-2	1015.35	988.56	977.47	993.79	1.96	ppb
Silicon	28-1	991.18	995.46	952.95	979.87	2.39	ppb
Silver	107-1	1003.21	992.41	962.20	985.94	2.16	ppb
Silver	109-1	978.14	986.63	1017.22	994.00	2.07	ppb
Sodium	23-2	107261.01	108648.27	108391.95	108100.41	0.68	ppb
Strontium	86-1	25778.27	25323.30	23690.54	24930.70	4.40	ppb
Strontium	88-1	25588.44	24611.17	24603.89	24934.50	2.27	ppb
Sulfur	34-1	20318.96	20342.69	18415.07	19692.24	5.62	ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	975.68	959.31	1054.23	996.41	5.09	ppb
Thallium	205-1	998.74	990.47	1022.47	1003.90	1.65	ppb
Tin	118-1	1004.39	992.51	991.71	996.20	0.71	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 11:52:07	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	10403.35	10099.06	9600.00	10034.14	4.04	ppb
Uranium	238-1	1025.07	993.50	1018.33	1012.30	1.64	ppb
Vanadium	51-2	1023.18	1000.27	1005.77	1009.74	1.18	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				104		%
Zinc	66-2	9813.76	9885.44	10082.60	9927.27	1.40	ppb
Zirconium	90-1	1037.62	1012.42	943.70	997.91	4.87	ppb
Zirconium	91-1	1041.15	989.43	954.22	994.94	4.39	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 11:55:13	DataFile Name :	013CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97909.12	99182.69	101651.42	99581.08	1.91	ppb
Antimony	121-1	0.96	0.89	0.94	0.93	3.97	ppb
Arsenic	75-2	0.64	0.67	0.70	0.67	4.42	ppb
Barium	135-1	2.30	2.40	1.99	2.23	9.70	ppb
Barium	137-1	2.36	2.29	2.22	2.29	3.11	ppb
Beryllium	9-1	0.13	0.10	0.10	0.11	15.19	ppb
Bismuth	209-1				84		%
Bismuth	209-2				87		%
Boron	10-1	92.23	73.64	69.85	78.57	15.24	ppb
Boron	11-1	96.73	78.64	74.46	83.28	14.21	ppb
Bromine	81-1						cps
Cadmium	111-1	0.12	0.24	0.18	0.18	34.27	ppb
Cadmium	106-1	-1.79	1.06	-0.31	-0.35		ppb
Cadmium	108-1	-0.19	-0.30	-0.09	-0.19		ppb
Calcium	43-1	532115.86	485873.57	470406.61	496132.01	6.47	ppb
Calcium	44-1	540631.40	484916.90	470737.07	498761.79	7.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.60	2.54	2.61	2.58	1.32	ppb
Cobalt	59-2	3.65	3.51	3.57	3.58	2.01	ppb
Copper	63-2	1.63	1.45	1.47	1.52	6.75	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				96		%
Holmium	165-2				103		%
Indium	115-1				92		%
Indium	115-2				93		%
Iron	54-2	252057.14	243273.44	249975.04	248435.21	1.85	ppb
Iron	56-2	254872.37	243593.81	248220.32	248895.50	2.28	ppb
Iron	57-2	254355.78	243706.69	247835.04	248632.50	2.16	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 11:55:13	DataFile Name :	013CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.94	0.82	0.87	0.88	7.34	ppb
Lead	207-1	0.92	0.76	0.84	0.84	9.84	ppb
Lead	208-1	0.91	0.80	0.83	0.85	6.90	ppb
Lithium	6-1				92		%
Magnesium	24-2	512339.65	486255.21	494547.05	497713.97	2.68	ppb
Manganese	55-2	5.19	5.42	5.56	5.39	3.47	ppb
Molybdenum	94-1	3.93	3.58	3.34	3.61	8.14	ppb
Molybdenum	95-1	3.48	2.81	2.69	2.99	14.23	ppb
Molybdenum	96-1	8.77	7.65	7.32	7.91	9.61	ppb
Molybdenum	97-1	3.71	3.05	2.78	3.18	15.01	ppb
Molybdenum	98-1	3.23	2.74	2.46	2.81	13.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.83	3.67	3.65	3.72	2.61	ppb
Phosphorus	31-2	-1.91	-0.09	45.10	14.37	185.37	ppb
Potassium	39-2	249792.80	249779.24	248512.33	249361.45	0.29	ppb
Rhodium	103-1				85		%
Rhodium	103-2				90		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	1.67	1.32	1.10	1.36	20.96	ppb
Selenium	77-2	0.43	-0.22	-0.22	0.00		ppb
Selenium	78-2	-0.68	-0.23	-0.09	-0.33		ppb
Silicon	28-1	16.42	11.76	10.37	12.85	24.65	ppb
Silver	107-1	0.32	0.31	0.25	0.29	11.96	ppb
Silver	109-1	0.30	0.27	0.24	0.27	9.82	ppb
Sodium	23-2	496574.57	496577.09	501159.02	498103.56	0.53	ppb
Strontium	86-1	6.61	5.94	5.61	6.05	8.41	ppb
Strontium	88-1	6.61	6.00	5.85	6.15	6.54	ppb
Sulfur	34-1	-755.49	-1333.70	-1237.75	-1108.98		ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.40	0.32	0.27	0.33	19.52	ppb
Thallium	205-1	0.37	0.31	0.30	0.33	10.69	ppb
Tin	118-1	0.83	0.76	0.68	0.76	10.29	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 11:55:13	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.13	0.89	0.80	0.94	18.41	ppb
Uranium	238-1	0.05	0.05	0.06	0.05	5.18	ppb
Vanadium	51-2	0.23	0.27	0.26	0.25	8.97	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				101		%
Zinc	66-2	7.44	6.76	7.53	7.24	5.82	ppb
Zirconium	90-1	0.45	0.39	0.38	0.41	10.03	ppb
Zirconium	91-1	0.45	0.38	0.41	0.41	8.51	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	ICV05	Instrumnet Name :	P8
Client Sample ID :	ICV05	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 12:18:08	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	526.98	516.49	508.31	517.26	1.81	ppb
Antimony	121-1	203.45	200.48	197.57	200.50	1.46	ppb
Arsenic	75-2	204.21	204.70	206.36	205.09	0.55	ppb
Barium	135-1	95.83	95.19	94.39	95.14	0.76	ppb
Barium	137-1	96.63	96.41	96.80	96.61	0.21	ppb
Beryllium	9-1	99.91	101.77	98.44	100.04	1.67	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Boron	10-1	541.69	556.65	539.82	546.05	1.69	ppb
Boron	11-1	516.38	530.85	526.27	524.50	1.41	ppb
Bromine	81-1						cps
Cadmium	111-1	109.66	108.34	104.80	107.60	2.34	ppb
Cadmium	106-1	196.34	191.26	179.27	188.96	4.64	ppb
Cadmium	108-1	174.54	177.44	175.29	175.76	0.86	ppb
Calcium	43-1	2112.11	2162.81	2107.55	2127.49	1.44	ppb
Calcium	44-1	1983.64	2021.19	1952.16	1985.66	1.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	96.60	97.33	95.75	96.56	0.82	ppb
Cobalt	59-2	98.62	96.66	95.91	97.06	1.44	ppb
Copper	63-2	98.01	96.21	94.74	96.32	1.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	54-2	2156.55	2114.95	2058.49	2110.00	2.33	ppb
Iron	56-2	2179.58	2116.90	2042.40	2112.96	3.25	ppb
Iron	57-2	2026.69	2004.79	1977.49	2002.99	1.23	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	ICV05	Instrumnet Name :	P8
Client Sample ID :	ICV05	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 12:18:08	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	180.33	188.45	181.97	183.58	2.34	ppb
Lead	207-1	172.05	183.06	167.91	174.34	4.49	ppb
Lead	208-1	186.60	195.35	180.84	187.60	3.90	ppb
Lithium	6-1				103		%
Magnesium	24-2	1254.89	1226.36	1207.45	1229.57	1.94	ppb
Manganese	55-2	96.84	96.65	92.54	95.34	2.55	ppb
Molybdenum	94-1	4956.56	4879.76	4790.22	4875.52	1.71	ppb
Molybdenum	95-1	4937.17	4880.00	4841.72	4886.29	0.98	ppb
Molybdenum	96-1	4873.15	4866.41	4872.04	4870.53	0.07	ppb
Molybdenum	97-1	4912.63	4837.21	4864.54	4871.46	0.78	ppb
Molybdenum	98-1	4885.33	4723.48	4822.30	4810.37	1.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.90	103.86	103.61	104.46	1.20	ppb
Phosphorus	31-2	-14.86	3.20	15.33	1.22	1242.71	ppb
Potassium	39-2	1945.58	1916.81	1887.24	1916.54	1.52	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				99		%
Selenium	82-1	212.44	211.83	212.79	212.35	0.23	ppb
Selenium	77-2	209.53	217.00	182.70	203.08	8.88	ppb
Selenium	78-2	201.49	208.38	218.02	209.30	3.97	ppb
Silicon	28-1	161.63	162.93	158.18	160.91	1.52	ppb
Silver	107-1	52.17	52.61	50.73	51.84	1.90	ppb
Silver	109-1	50.91	50.33	49.11	50.11	1.83	ppb
Sodium	23-2	2069.26	2025.98	1922.44	2005.89	3.76	ppb
Strontium	86-1	519.77	515.72	502.36	512.62	1.78	ppb
Strontium	88-1	500.95	500.85	485.95	495.91	1.74	ppb
Sulfur	34-1	-1214.18	-1096.13	-1150.34	-1153.55		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	190.59	202.10	188.58	193.76	3.77	ppb
Thallium	205-1	200.42	203.12	203.39	202.31	0.81	ppb
Tin	118-1	531.82	515.98	522.05	523.28	1.53	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	ICV05	Instrumnet Name :	P8
Client Sample ID :	ICV05	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 12:18:08	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4582.37	4828.42	4619.69	4676.83	2.84	ppb
Uranium	238-1	497.82	501.00	468.14	488.99	3.71	ppb
Vanadium	51-2	93.83	92.70	91.59	92.71	1.21	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	206.13	202.12	198.45	202.23	1.90	ppb
Zirconium	90-1	482.61	484.98	487.35	484.98	0.49	ppb
Zirconium	91-1	496.36	482.10	468.92	482.46	2.84	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 12:40:19	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.29	20.36	19.19	20.61	7.60	ppb
Antimony	121-1	2.17	2.27	2.07	2.17	4.57	ppb
Arsenic	75-2	1.16	1.00	1.03	1.06	8.09	ppb
Barium	135-1	10.12	10.44	10.17	10.24	1.70	ppb
Barium	137-1	10.22	10.28	10.02	10.17	1.37	ppb
Beryllium	9-1	1.07	1.18	1.05	1.10	6.11	ppb
Bismuth	209-1				98		%
Bismuth	209-2				103		%
Boron	10-1	22.50	24.58	23.83	23.64	4.46	ppb
Boron	11-1	23.07	26.25	25.10	24.81	6.50	ppb
Bromine	81-1						cps
Cadmium	111-1	1.18	1.06	1.11	1.12	5.38	ppb
Cadmium	106-1	0.95	-1.43	1.32	0.28	531.54	ppb
Cadmium	108-1	1.02	0.85	0.43	0.77	39.59	ppb
Calcium	43-1	504.68	517.23	501.04	507.65	1.67	ppb
Calcium	44-1	494.47	509.49	488.56	497.51	2.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.08	1.88	1.80	1.92	7.62	ppb
Cobalt	59-2	0.98	1.01	1.00	0.99	1.67	ppb
Copper	63-2	2.11	2.03	1.91	2.02	4.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				102		%
Indium	115-1				97		%
Indium	115-2				101		%
Iron	54-2	55.81	52.99	49.34	52.71	6.15	ppb
Iron	56-2	54.18	50.80	49.95	51.65	4.33	ppb
Iron	57-2	51.77	47.99	51.78	50.51	4.33	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 12:40:19	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.93	0.95	0.99	0.96	3.28	ppb
Lead	207-1	0.96	0.99	0.90	0.95	5.38	ppb
Lead	208-1	0.95	0.93	0.92	0.93	1.74	ppb
Lithium	6-1				101		%
Magnesium	24-2	545.18	543.88	516.89	535.31	2.98	ppb
Manganese	55-2	0.95	0.98	1.10	1.01	7.99	ppb
Molybdenum	94-1	6.35	6.63	5.90	6.30	5.84	ppb
Molybdenum	95-1	5.25	5.66	4.90	5.27	7.18	ppb
Molybdenum	96-1	5.52	5.43	4.94	5.29	5.86	ppb
Molybdenum	97-1	5.40	5.50	5.23	5.38	2.48	ppb
Molybdenum	98-1	5.41	5.47	5.11	5.33	3.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.09	1.01	1.05	1.05	3.89	ppb
Phosphorus	31-2	45.39	49.73	-29.43	21.90	203.26	ppb
Potassium	39-2	496.63	480.80	468.94	482.12	2.88	ppb
Rhodium	103-1				97		%
Rhodium	103-2				103		%
Scandium	45-1				98		%
Scandium	45-2				102		%
Selenium	82-1	5.50	5.68	5.19	5.46	4.51	ppb
Selenium	77-2	7.12	3.05	6.02	5.40	39.05	ppb
Selenium	78-2	5.85	6.65	5.09	5.86	13.26	ppb
Silicon	28-1	5.47	7.29	6.64	6.47	14.28	ppb
Silver	107-1	1.10	1.17	1.12	1.13	3.55	ppb
Silver	109-1	1.07	1.19	1.11	1.12	5.38	ppb
Sodium	23-2	509.28	501.41	489.86	500.18	1.95	ppb
Strontium	86-1	1.04	1.19	1.03	1.08	8.59	ppb
Strontium	88-1	1.07	1.05	0.96	1.03	5.52	ppb
Sulfur	34-1	-98.35	310.31	50.72	87.56	236.18	ppb
Terbium	159-1				97		%
Terbium	159-2				103		%
Thallium	203-1	1.02	1.01	0.97	1.00	2.86	ppb
Thallium	205-1	0.99	1.00	0.96	0.99	2.00	ppb
Tin	118-1	5.31	5.17	5.06	5.18	2.44	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 12:40:19	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.53	5.39	5.10	5.34	4.09	ppb
Uranium	238-1	0.92	0.98	0.90	0.93	4.27	ppb
Vanadium	51-2	4.93	4.61	4.49	4.67	4.87	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				102		%
Zinc	66-2	2.49	2.09	2.53	2.37	10.26	ppb
Zirconium	90-1	0.97	1.04	0.95	0.99	4.56	ppb
Zirconium	91-1	1.08	1.01	0.96	1.02	6.18	ppb

LB Number : LB121810 Operator : Jaswal
 Lab Sample ID : ICB05 Instrumnet Name : P8
 Client Sample ID : ICB05 Dilution Factor : 1
 Date & Time Acquired : 2022-08-30 12:43:30 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.10	-0.05	0.03	0.02	310.70	ppb
Antimony	121-1	0.00	0.00	0.01	0.00	26.26	ppb
Arsenic	75-2	0.00	0.01	-0.01	0.00		ppb
Barium	135-1	0.01	0.00	0.03	0.01	124.56	ppb
Barium	137-1	0.00	0.00	0.00	0.00	67.05	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	24.87	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Boron	10-1	5.65	5.66	5.10	5.47	5.84	ppb
Boron	11-1	5.83	5.71	5.50	5.68	2.97	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	-0.04	-0.04	-0.04		ppb
Cadmium	106-1	-1.07	-1.44	-1.70	-1.40		ppb
Cadmium	108-1	-0.17	-0.31	-0.35	-0.28		ppb
Calcium	43-1	-0.38	-0.85	0.10	-0.38		ppb
Calcium	44-1	-3.84	-3.17	-3.81	-3.61		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	-0.01	0.01	0.01	159.82	ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.01	-0.02	-0.02	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	54-2	0.85	-0.19	-0.32	0.11	563.94	ppb
Iron	56-2	0.22	0.28	0.16	0.22	29.36	ppb
Iron	57-2	0.48	-0.20	-0.86	-0.19		ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	ICB05	Instrumnet Name :	P8
Client Sample ID :	ICB05	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 12:43:30	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.02	0.04	0.02	0.02	39.81	ppb
Lead	207-1	-0.01	0.00	0.00	0.00		ppb
Lead	208-1	0.00	0.01	0.00	0.00	134.57	ppb
Lithium	6-1				105		%
Magnesium	24-2	-0.46	-0.16	0.27	-0.12		ppb
Manganese	55-2	0.01	0.03	0.01	0.02	58.62	ppb
Molybdenum	94-1	0.01	0.01	0.01	0.01	14.06	ppb
Molybdenum	95-1	0.05	0.05	0.06	0.05	15.75	ppb
Molybdenum	96-1	0.05	0.05	0.06	0.06	16.69	ppb
Molybdenum	97-1	0.04	0.03	0.04	0.04	10.65	ppb
Molybdenum	98-1	0.02	0.05	0.05	0.04	33.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.00	0.01	0.01	95.03	ppb
Phosphorus	31-2	-48.15	-65.37	-31.76	-48.43		ppb
Potassium	39-2	-1.67	1.43	-14.85	-5.03		ppb
Rhodium	103-1				103		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	0.08	-0.06	-0.12	-0.04		ppb
Selenium	77-2	0.43	0.41	0.98	0.60	53.42	ppb
Selenium	78-2	-0.07	-0.35	-0.20	-0.21		ppb
Silicon	28-1	-0.84	-1.13	-1.46	-1.14		ppb
Silver	107-1	0.01	0.00	0.00	0.00	150.41	ppb
Silver	109-1	0.00	0.01	0.00	0.00	20.67	ppb
Sodium	23-2	-1.81	-2.76	-2.47	-2.35		ppb
Strontium	86-1	-0.05	-0.01	-0.03	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-553.29	-369.59	-748.02	-556.96		ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	0.01	0.01	0.01	0.01	21.73	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	152.57	ppb
Tin	118-1	0.22	0.22	0.19	0.21	7.76	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	ICB05	Instrumnet Name :	P8
Client Sample ID :	ICB05	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 12:43:30	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.00	0.06	0.03	0.03	112.10	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				107		%
Zinc	66-2	-0.09	-0.09	-0.09	-0.09		ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	51.29	ppb
Zirconium	91-1	-0.01	-0.01	0.00	-0.01		ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	ICSA05	Instrumnet Name :	P8
Client Sample ID :	ICSA05	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 12:46:39	DataFile Name :	020ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	102984.06	104302.42	103066.97	103451.15	0.71	ppb
Antimony	121-1	1.14	1.11	1.19	1.15	3.39	ppb
Arsenic	75-2	0.25	0.41	0.31	0.33	24.13	ppb
Barium	135-1	1.28	1.48	1.64	1.47	12.18	ppb
Barium	137-1	1.45	1.44	1.52	1.47	2.96	ppb
Beryllium	9-1	0.30	0.28	0.29	0.29	2.91	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	4.64	4.58	4.50	4.58	1.60	ppb
Boron	11-1	4.71	4.86	4.80	4.79	1.59	ppb
Bromine	81-1						cps
Cadmium	111-1	0.56	0.42	0.44	0.47	16.19	ppb
Cadmium	106-1	-1.76	-1.83	-1.46	-1.69		ppb
Cadmium	108-1	10.23	11.38	11.84	11.15	7.45	ppb
Calcium	43-1	97358.60	97423.43	95925.98	96902.67	0.87	ppb
Calcium	44-1	96169.94	94948.59	96377.39	95831.97	0.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.02	19.41	19.33	19.59	1.92	ppb
Cobalt	59-2	1.13	1.21	1.12	1.15	4.32	ppb
Copper	63-2	7.41	7.59	7.59	7.53	1.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	54-2	105686.06	108021.59	104815.59	106174.41	1.56	ppb
Iron	56-2	106768.67	109147.38	105829.17	107248.41	1.59	ppb
Iron	57-2	108170.75	110171.29	106052.70	108131.58	1.90	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	ICSA05	Instrumnet Name :	P8
Client Sample ID :	ICSA05	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 12:46:39	DataFile Name :	020ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.54	4.93	5.04	4.84	5.35	ppb
Lead	207-1	4.15	4.28	4.43	4.29	3.23	ppb
Lead	208-1	4.29	4.46	4.70	4.48	4.54	ppb
Lithium	6-1				101		%
Magnesium	24-2	105006.87	107876.17	104375.51	105752.85	1.76	ppb
Manganese	55-2	7.15	7.97	7.51	7.55	5.41	ppb
Molybdenum	94-1	1589.79	1629.87	1642.53	1620.73	1.70	ppb
Molybdenum	95-1	1997.89	1987.30	1963.43	1982.87	0.89	ppb
Molybdenum	96-1	1934.50	1919.27	1958.14	1937.30	1.01	ppb
Molybdenum	97-1	1966.11	2022.46	1973.45	1987.34	1.54	ppb
Molybdenum	98-1	1884.92	2004.27	1911.23	1933.47	3.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.57	5.63	5.28	5.49	3.42	ppb
Phosphorus	31-2	100160.37	100587.70	98515.55	99754.54	1.10	ppb
Potassium	39-2	100998.96	105023.74	102419.52	102814.07	1.99	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	0.22	0.29	0.41	0.31	32.57	ppb
Selenium	77-2	-0.22	-0.22	-0.22	-0.22		ppb
Selenium	78-2	-0.24	0.26	0.19	0.07	380.41	ppb
Silicon	28-1	8.99	7.55	7.51	8.02	10.51	ppb
Silver	107-1	0.02	0.02	0.02	0.02	8.84	ppb
Silver	109-1	0.02	0.02	0.03	0.02	23.63	ppb
Sodium	23-2	104293.76	108997.59	105244.04	106178.46	2.34	ppb
Strontium	86-1	33.22	34.38	35.49	34.37	3.31	ppb
Strontium	88-1	34.14	34.15	35.43	34.57	2.14	ppb
Sulfur	34-1	97113.34	96325.49	96953.12	96797.32	0.43	ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.11	0.10	0.17	0.13	30.15	ppb
Thallium	205-1	0.09	0.10	0.14	0.11	20.96	ppb
Tin	118-1	0.35	0.33	0.51	0.40	25.17	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	ICSA05	Instrumnet Name :	P8
Client Sample ID :	ICSA05	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 12:46:39	DataFile Name :	020ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2067.15	2014.03	2029.35	2036.84	1.34	ppb
Uranium	238-1	0.01	0.02	0.06	0.03	72.75	ppb
Vanadium	51-2	0.17	0.13	0.14	0.15	13.79	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	10.78	10.82	10.46	10.69	1.86	ppb
Zirconium	90-1	0.02	0.03	0.09	0.05	85.66	ppb
Zirconium	91-1	0.03	0.02	0.08	0.04	75.59	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	ICSAB05	Instrumnet Name :	P8
Client Sample ID :	ICSAB05	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 12:49:39	DataFile Name :	021ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	104299.38	104202.27	98679.17	102393.60	3.14	ppb
Antimony	121-1	20.34	21.92	21.80	21.35	4.12	ppb
Arsenic	75-2	20.89	21.80	20.41	21.04	3.36	ppb
Barium	135-1	20.28	21.67	20.56	20.83	3.53	ppb
Barium	137-1	20.91	21.37	21.29	21.19	1.17	ppb
Beryllium	9-1	20.29	20.13	20.13	20.18	0.44	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	44.48	45.18	47.55	45.74	3.52	ppb
Boron	11-1	48.40	49.39	49.99	49.26	1.63	ppb
Bromine	81-1						cps
Cadmium	111-1	19.34	20.48	19.76	19.86	2.92	ppb
Cadmium	106-1	22.82	24.94	23.30	23.69	4.68	ppb
Cadmium	108-1	32.17	32.74	32.79	32.57	1.07	ppb
Calcium	43-1	94706.46	99263.49	91903.75	95291.23	3.90	ppb
Calcium	44-1	95581.05	98525.88	91096.54	95067.82	3.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.47	38.07	37.05	37.86	1.93	ppb
Cobalt	59-2	20.48	20.32	19.81	20.21	1.73	ppb
Copper	63-2	26.24	26.25	25.23	25.91	2.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	54-2	105910.57	100665.04	99241.26	101938.96	3.45	ppb
Iron	56-2	104727.29	102807.48	102340.75	103291.84	1.22	ppb
Iron	57-2	104531.57	103688.47	102620.35	103613.46	0.92	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	ICSAB05	Instrumnet Name :	P8
Client Sample ID :	ICSAB05	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 12:49:39	DataFile Name :	021ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	24.29	23.89	24.26	24.15	0.93	ppb
Lead	207-1	22.76	22.68	22.54	22.66	0.50	ppb
Lead	208-1	23.42	22.77	23.24	23.14	1.45	ppb
Lithium	6-1				102		%
Magnesium	24-2	103306.26	101314.00	100511.82	101710.69	1.41	ppb
Manganese	55-2	26.66	25.83	25.57	26.02	2.18	ppb
Molybdenum	94-1	1717.17	1660.92	1634.51	1670.87	2.53	ppb
Molybdenum	95-1	1965.59	1922.92	1932.35	1940.29	1.16	ppb
Molybdenum	96-1	1920.83	1916.95	1882.85	1906.87	1.10	ppb
Molybdenum	97-1	1978.45	2013.61	1942.36	1978.14	1.80	ppb
Molybdenum	98-1	2001.89	1961.31	1939.61	1967.60	1.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.97	24.70	24.15	24.61	1.70	ppb
Phosphorus	31-2	99309.12	98388.32	93366.27	97021.24	3.30	ppb
Potassium	39-2	100602.03	99511.53	96722.68	98945.42	2.02	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Selenium	82-1	20.99	20.62	19.99	20.53	2.48	ppb
Selenium	77-2	22.90	16.02	20.11	19.67	17.59	ppb
Selenium	78-2	17.80	19.97	18.39	18.72	5.99	ppb
Silicon	28-1	22.67	23.83	21.98	22.83	4.09	ppb
Silver	107-1	18.20	19.24	19.07	18.84	2.96	ppb
Silver	109-1	18.50	19.19	19.23	18.97	2.17	ppb
Sodium	23-2	104693.57	104913.72	99923.42	103176.90	2.73	ppb
Strontium	86-1	86.58	85.98	82.11	84.89	2.86	ppb
Strontium	88-1	84.60	87.26	83.58	85.15	2.23	ppb
Sulfur	34-1	96672.84	96636.57	92398.74	95236.05	2.58	ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	20.85	19.68	20.59	20.38	3.02	ppb
Thallium	205-1	21.02	20.07	20.72	20.60	2.35	ppb
Tin	118-1	50.64	54.37	53.04	52.68	3.59	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	ICSAB05	Instrumnet Name :	P8
Client Sample ID :	ICSAB05	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 12:49:39	DataFile Name :	021ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2114.97	2084.57	2010.47	2070.00	2.60	ppb
Uranium	238-1	53.09	52.06	50.64	51.93	2.36	ppb
Vanadium	51-2	19.35	19.41	18.77	19.18	1.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	29.58	28.29	27.97	28.61	2.99	ppb
Zirconium	90-1	51.17	51.06	49.12	50.45	2.28	ppb
Zirconium	91-1	50.68	49.58	48.62	49.63	2.08	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 12:52:35	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54300.26	54247.35	50035.90	52861.17	4.63	ppb
Antimony	121-1	521.67	491.73	480.77	498.06	4.25	ppb
Arsenic	75-2	483.01	487.50	455.80	475.44	3.61	ppb
Barium	135-1	2577.24	2542.70	2465.45	2528.46	2.26	ppb
Barium	137-1	2615.81	2533.68	2486.83	2545.44	2.56	ppb
Beryllium	9-1	482.16	488.58	488.34	486.36	0.75	ppb
Bismuth	209-1				95		%
Bismuth	209-2				92		%
Boron	10-1	524.33	558.16	546.32	542.94	3.16	ppb
Boron	11-1	557.65	575.63	568.60	567.30	1.60	ppb
Bromine	81-1						cps
Cadmium	111-1	514.72	496.27	490.24	500.41	2.55	ppb
Cadmium	106-1	521.14	488.71	485.58	498.48	3.95	ppb
Cadmium	108-1	509.97	485.67	487.04	494.23	2.76	ppb
Calcium	43-1	253570.25	248338.89	238039.42	246649.52	3.20	ppb
Calcium	44-1	253580.83	239886.84	238357.63	243941.77	3.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	478.24	483.45	457.77	473.15	2.87	ppb
Cobalt	59-2	511.37	497.66	467.41	492.15	4.57	ppb
Copper	63-2	5094.68	5120.53	4842.02	5019.08	3.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				94		%
Iron	54-2	130278.30	131585.36	123489.97	128451.21	3.38	ppb
Iron	56-2	129341.95	129738.46	123770.40	127616.93	2.61	ppb
Iron	57-2	129449.74	134757.85	125210.79	129806.13	3.69	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 12:52:35	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2507.44	2539.06	2580.07	2542.19	1.43	ppb
Lead	207-1	2550.19	2568.67	2617.32	2578.73	1.34	ppb
Lead	208-1	2589.45	2580.47	2558.27	2576.06	0.62	ppb
Lithium	6-1				103		%
Magnesium	24-2	243416.80	251288.84	241985.11	245563.58	2.04	ppb
Manganese	55-2	4970.87	4888.78	4720.25	4859.97	2.63	ppb
Molybdenum	94-1	5154.58	5207.22	4963.52	5108.44	2.51	ppb
Molybdenum	95-1	5213.64	5057.70	4925.79	5065.71	2.84	ppb
Molybdenum	96-1	4988.88	4969.79	4917.29	4958.66	0.75	ppb
Molybdenum	97-1	5074.15	5055.22	4886.33	5005.23	2.07	ppb
Molybdenum	98-1	5169.44	5008.77	4942.78	5040.33	2.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	532.15	532.80	509.42	524.79	2.54	ppb
Phosphorus	31-2	9819.39	9688.83	9548.61	9685.61	1.40	ppb
Potassium	39-2	130372.92	132004.83	122518.28	128298.67	3.95	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				109		%
Scandium	45-2				103		%
Selenium	82-1	508.66	502.58	498.80	503.34	0.99	ppb
Selenium	77-2	491.72	493.85	450.69	478.75	5.08	ppb
Selenium	78-2	501.29	514.23	468.80	494.77	4.73	ppb
Silicon	28-1	772.60	770.79	752.23	765.21	1.47	ppb
Silver	107-1	513.45	484.96	486.60	495.00	3.23	ppb
Silver	109-1	499.00	500.06	502.84	500.63	0.40	ppb
Sodium	23-2	260617.84	260913.62	252194.08	257908.51	1.92	ppb
Strontium	86-1	12753.14	12592.25	12466.52	12603.97	1.14	ppb
Strontium	88-1	12853.36	12515.37	12400.41	12589.71	1.87	ppb
Sulfur	34-1	9094.09	8861.44	8163.99	8706.51	5.56	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	512.81	534.88	525.13	524.27	2.11	ppb
Thallium	205-1	519.09	517.28	504.92	513.76	1.50	ppb
Tin	118-1	531.10	505.71	507.92	514.91	2.73	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 12:52:35	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4986.24	5060.18	4862.52	4969.64	2.01	ppb
Uranium	238-1	518.76	525.67	501.83	515.42	2.38	ppb
Vanadium	51-2	492.92	499.38	474.14	488.81	2.68	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	4948.29	4950.29	4730.52	4876.37	2.59	ppb
Zirconium	90-1	526.28	518.25	505.09	516.54	2.07	ppb
Zirconium	91-1	525.20	510.01	511.42	515.54	1.63	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:02:48	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.17	0.23	0.04	0.14	66.91	ppb
Antimony	121-1	0.04	0.06	0.10	0.06	43.10	ppb
Arsenic	75-2	0.00	0.01	0.02	0.01	127.23	ppb
Barium	135-1	-0.01	0.00	0.20	0.06	183.46	ppb
Barium	137-1	0.01	0.01	0.14	0.05	135.54	ppb
Beryllium	9-1	0.01	0.01	0.21	0.08	147.51	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Boron	10-1	8.40	8.16	8.08	8.22	2.01	ppb
Boron	11-1	9.15	8.68	8.43	8.75	4.20	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.11	0.09	0.04	0.01	1315.93	ppb
Cadmium	106-1	-3.64	0.80	-1.08	-1.31		ppb
Cadmium	108-1	-0.72	-0.75	-0.73	-0.73		ppb
Calcium	43-1	-0.23	-1.44	81.54	26.63	178.64	ppb
Calcium	44-1	-2.13	-3.00	63.92	19.60	195.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	-0.01	0.00	0.00	436.55	ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	0.19	0.18	0.17	0.18	5.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	54-2	-0.69	-0.42	-1.24	-0.78		ppb
Iron	56-2	0.45	0.36	0.38	0.40	11.83	ppb
Iron	57-2	-0.41	0.11	0.15	-0.05		ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:02:48	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.05	1.78	0.63	158.09	ppb
Lead	207-1	0.03	0.04	1.59	0.55	163.47	ppb
Lead	208-1	0.04	0.03	1.65	0.57	162.85	ppb
Lithium	6-1				105		%
Magnesium	24-2	0.58	-0.10	-0.13	0.12	346.57	ppb
Manganese	55-2	0.01	0.03	0.03	0.02	37.02	ppb
Molybdenum	94-1	0.15	0.11	0.80	0.35	109.29	ppb
Molybdenum	95-1	0.18	0.15	0.91	0.42	102.82	ppb
Molybdenum	96-1	0.17	0.16	0.79	0.37	96.54	ppb
Molybdenum	97-1	0.17	0.20	0.91	0.43	97.53	ppb
Molybdenum	98-1	0.21	0.17	0.76	0.38	86.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.02	-0.01	0.00		ppb
Phosphorus	31-2	-20.55	-22.41	-34.82	-25.93		ppb
Potassium	39-2	-2.32	-0.61	4.34	0.47	733.82	ppb
Rhodium	103-1				107		%
Rhodium	103-2				108		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	82-1	-0.28	0.10	-0.54	-0.24		ppb
Selenium	77-2	-0.22	-0.22	0.42	-0.01		ppb
Selenium	78-2	-0.17	-0.53	0.04	-0.22		ppb
Silicon	28-1	0.41	-1.80	-1.74	-1.04		ppb
Silver	107-1	0.02	0.01	0.03	0.02	44.78	ppb
Silver	109-1	0.01	0.02	0.03	0.02	60.80	ppb
Sodium	23-2	13.15	15.76	14.95	14.62	9.14	ppb
Strontium	86-1	0.00	-0.04	1.21	0.39	182.10	ppb
Strontium	88-1	0.02	0.02	1.15	0.40	165.45	ppb
Sulfur	34-1	-577.04	-936.69	-812.24	-775.32		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.07	0.07	0.49	0.21	114.00	ppb
Thallium	205-1	0.07	0.08	0.47	0.21	109.43	ppb
Tin	118-1	0.08	0.07	0.19	0.11	55.34	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:02:48	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.03	-0.03	1.21	0.38	186.61	ppb
Uranium	238-1	0.00	0.00	0.28	0.09	171.66	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				105		%
Zinc	66-2	-0.12	-0.18	-0.16	-0.15		ppb
Zirconium	90-1	-0.01	0.00	0.05	0.01	200.12	ppb
Zirconium	91-1	0.00	0.00	0.05	0.02	139.17	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:11:11	DataFile Name :	024LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.85	22.45	23.30	22.53	3.23	ppb
Antimony	121-1	2.22	2.19	2.04	2.15	4.46	ppb
Arsenic	75-2	1.12	1.10	1.18	1.13	3.48	ppb
Barium	135-1	10.62	10.12	9.66	10.13	4.71	ppb
Barium	137-1	10.55	10.21	9.91	10.23	3.12	ppb
Beryllium	9-1	1.14	1.10	1.09	1.11	2.23	ppb
Bismuth	209-1				106		%
Bismuth	209-2				108		%
Boron	10-1	23.87	22.64	24.06	23.53	3.29	ppb
Boron	11-1	24.00	23.84	25.05	24.30	2.72	ppb
Bromine	81-1						cps
Cadmium	111-1	1.23	1.36	1.12	1.24	9.51	ppb
Cadmium	106-1	0.61	1.03	-0.48	0.39	199.66	ppb
Cadmium	108-1	0.56	0.57	0.23	0.45	42.23	ppb
Calcium	43-1	499.07	485.80	485.55	490.14	1.58	ppb
Calcium	44-1	484.31	479.09	481.84	481.75	0.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.97	2.08	1.99	2.01	2.92	ppb
Cobalt	59-2	1.02	1.01	1.06	1.03	2.24	ppb
Copper	63-2	2.19	2.34	2.35	2.29	3.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	54-2	53.99	53.51	59.14	55.55	5.62	ppb
Iron	56-2	53.43	53.37	56.33	54.38	3.10	ppb
Iron	57-2	56.07	52.67	60.22	56.32	6.72	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:11:11	DataFile Name :	024LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.99	0.91	0.93	0.94	4.67	ppb
Lead	207-1	0.96	0.88	0.90	0.91	4.88	ppb
Lead	208-1	0.98	0.89	0.90	0.92	5.18	ppb
Lithium	6-1				102		%
Magnesium	24-2	532.96	567.24	584.49	561.56	4.67	ppb
Manganese	55-2	1.01	1.08	1.13	1.07	5.60	ppb
Molybdenum	94-1	6.27	6.12	5.79	6.06	4.06	ppb
Molybdenum	95-1	5.31	5.19	5.16	5.22	1.48	ppb
Molybdenum	96-1	5.35	5.06	5.03	5.15	3.51	ppb
Molybdenum	97-1	5.26	5.06	5.30	5.21	2.55	ppb
Molybdenum	98-1	5.35	4.97	4.86	5.06	5.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.16	1.14	1.00	1.10	7.68	ppb
Phosphorus	31-2	-22.83	23.59	-55.24	-18.16		ppb
Potassium	39-2	488.15	512.93	530.63	510.57	4.18	ppb
Rhodium	103-1				105		%
Rhodium	103-2				109		%
Scandium	45-1				107		%
Scandium	45-2				108		%
Selenium	82-1	5.50	5.79	5.52	5.60	2.88	ppb
Selenium	77-2	4.00	5.80	7.05	5.62	27.33	ppb
Selenium	78-2	5.54	6.03	6.59	6.06	8.68	ppb
Silicon	28-1	3.33	3.93	3.80	3.69	8.65	ppb
Silver	107-1	1.09	1.13	1.09	1.10	1.99	ppb
Silver	109-1	1.11	1.20	1.07	1.13	6.02	ppb
Sodium	23-2	514.25	547.52	560.36	540.71	4.40	ppb
Strontium	86-1	1.12	0.97	0.95	1.01	9.06	ppb
Strontium	88-1	1.10	1.00	0.96	1.02	7.13	ppb
Sulfur	34-1	-500.39	-571.73	-698.56	-590.23		ppb
Terbium	159-1				102		%
Terbium	159-2				108		%
Thallium	203-1	1.05	1.00	0.96	1.00	4.48	ppb
Thallium	205-1	1.04	1.04	0.97	1.02	3.54	ppb
Tin	118-1	5.37	5.13	5.18	5.22	2.38	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:11:11	DataFile Name :	024LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.02	4.91	5.40	5.11	5.04	ppb
Uranium	238-1	0.91	0.90	0.88	0.90	1.91	ppb
Vanadium	51-2	4.71	5.16	5.07	4.98	4.77	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				110		%
Zinc	66-2	2.39	2.27	2.49	2.38	4.72	ppb
Zirconium	90-1	0.98	1.06	1.03	1.03	4.00	ppb
Zirconium	91-1	1.06	1.03	1.03	1.04	1.24	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N3980-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT3-2022	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:21:52	DataFile Name :	026LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.93	22.56	19.29	20.59	8.40	ppb
Antimony	121-1	1.88	1.91	1.90	1.90	0.86	ppb
Arsenic	75-2	1.10	1.21	1.11	1.14	5.06	ppb
Barium	135-1	8.80	9.13	8.09	8.67	6.13	ppb
Barium	137-1	9.31	9.25	8.93	9.16	2.24	ppb
Beryllium	9-1	1.02	1.01	0.93	0.99	4.91	ppb
Bismuth	209-1				109		%
Bismuth	209-2				101		%
Boron	10-1	18.43	19.65	19.34	19.14	3.33	ppb
Boron	11-1	19.71	21.08	21.29	20.69	4.15	ppb
Bromine	81-1						cps
Cadmium	111-1	1.05	0.87	1.14	1.02	13.18	ppb
Cadmium	106-1	1.41	-2.02	-0.19	-0.27		ppb
Cadmium	108-1	0.61	0.47	0.58	0.55	12.82	ppb
Calcium	43-1	433.70	457.68	432.96	441.45	3.19	ppb
Calcium	44-1	427.41	451.17	421.17	433.25	3.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.84	1.97	1.89	1.90	3.25	ppb
Cobalt	59-2	0.91	1.02	0.97	0.97	5.54	ppb
Copper	63-2	1.96	2.26	2.00	2.07	7.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				103		%
Indium	115-1				109		%
Indium	115-2				101		%
Iron	54-2	53.20	57.18	51.11	53.83	5.74	ppb
Iron	56-2	49.86	55.09	49.60	51.51	6.01	ppb
Iron	57-2	51.05	55.49	45.82	50.79	9.53	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N3980-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT3-2022	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:21:52	DataFile Name :	026LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.89	0.87	0.87	0.87	1.08	ppb
Lead	207-1	0.80	0.84	0.77	0.80	4.55	ppb
Lead	208-1	0.83	0.83	0.81	0.82	1.19	ppb
Lithium	6-1				110		%
Magnesium	24-2	504.97	567.01	500.01	524.00	7.13	ppb
Manganese	55-2	0.94	1.03	1.00	0.99	4.52	ppb
Molybdenum	94-1	5.40	6.03	5.47	5.63	6.16	ppb
Molybdenum	95-1	4.65	4.82	4.67	4.71	2.00	ppb
Molybdenum	96-1	4.59	5.05	4.69	4.78	5.14	ppb
Molybdenum	97-1	4.71	4.89	4.85	4.81	1.96	ppb
Molybdenum	98-1	4.71	4.80	4.81	4.77	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	1.16	0.95	1.05	10.27	ppb
Phosphorus	31-2	-46.52	30.16	-26.80	-14.38		ppb
Potassium	39-2	477.11	519.66	480.53	492.43	4.80	ppb
Rhodium	103-1				109		%
Rhodium	103-2				105		%
Scandium	45-1				112		%
Scandium	45-2				102		%
Selenium	82-1	4.72	5.32	4.79	4.95	6.64	ppb
Selenium	77-2	6.69	6.55	1.07	4.77	67.22	ppb
Selenium	78-2	5.21	5.25	4.89	5.12	3.83	ppb
Silicon	28-1	0.31	2.46	0.92	1.23	90.03	ppb
Silver	107-1	1.05	1.00	1.04	1.03	2.70	ppb
Silver	109-1	1.09	0.99	1.02	1.03	4.86	ppb
Sodium	23-2	499.28	534.98	490.81	508.36	4.61	ppb
Strontium	86-1	0.93	0.92	0.90	0.92	1.17	ppb
Strontium	88-1	0.95	0.98	0.88	0.94	5.46	ppb
Sulfur	34-1	-888.48	-689.17	-795.12	-790.92		ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	0.94	0.97	0.88	0.93	5.34	ppb
Thallium	205-1	0.93	0.90	0.99	0.94	4.86	ppb
Tin	118-1	4.71	4.72	4.54	4.66	2.15	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N3980-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT3-2022	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:21:52	DataFile Name :	026LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.61	4.77	4.65	4.68	1.79	ppb
Uranium	238-1	0.82	0.85	0.81	0.83	2.34	ppb
Vanadium	51-2	4.51	5.03	4.49	4.68	6.49	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				102		%
Zinc	66-2	2.17	2.80	2.01	2.33	17.95	ppb
Zirconium	90-1	0.87	0.90	0.90	0.89	2.12	ppb
Zirconium	91-1	0.89	0.88	0.95	0.91	4.42	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N3980-16	Instrumnet Name :	P8
Client Sample ID :	LLOQ-SOIL-QT3-2022	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:25:03	DataFile Name :	027LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.70	19.58	20.65	19.98	2.91	ppb
Antimony	121-1	1.91	2.01	1.77	1.90	6.40	ppb
Arsenic	75-2	1.03	1.07	1.07	1.05	2.05	ppb
Barium	135-1	9.17	9.29	8.56	9.01	4.37	ppb
Barium	137-1	9.23	9.52	8.94	9.23	3.15	ppb
Beryllium	9-1	1.01	1.06	0.99	1.02	3.53	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	20.03	21.37	20.40	20.60	3.35	ppb
Boron	11-1	20.76	22.25	21.96	21.65	3.64	ppb
Bromine	81-1						cps
Cadmium	111-1	1.08	1.18	1.02	1.10	7.43	ppb
Cadmium	106-1	0.18	2.16	-0.48	0.62	222.39	ppb
Cadmium	108-1	0.35	0.32	0.28	0.32	11.93	ppb
Calcium	43-1	433.56	439.73	430.27	434.52	1.11	ppb
Calcium	44-1	437.52	436.76	427.51	433.93	1.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.87	1.79	1.80	1.82	2.51	ppb
Cobalt	59-2	0.93	0.89	1.00	0.94	5.72	ppb
Copper	63-2	1.93	1.89	2.10	1.98	5.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				99		%
Iron	54-2	50.95	49.14	50.02	50.04	1.81	ppb
Iron	56-2	49.29	48.22	52.45	49.99	4.40	ppb
Iron	57-2	51.31	44.45	53.45	49.74	9.45	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N3980-16	Instrumnet Name :	P8
Client Sample ID :	LLOQ-SOIL-QT3-2022	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:25:03	DataFile Name :	027LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.96	0.76	0.85	0.86	11.70	ppb
Lead	207-1	0.92	0.76	0.80	0.83	9.82	ppb
Lead	208-1	0.88	0.79	0.84	0.84	5.38	ppb
Lithium	6-1				107		%
Magnesium	24-2	502.40	492.11	534.61	509.70	4.35	ppb
Manganese	55-2	1.00	0.87	0.98	0.95	7.57	ppb
Molybdenum	94-1	5.29	5.56	5.37	5.40	2.54	ppb
Molybdenum	95-1	4.61	4.88	4.45	4.65	4.77	ppb
Molybdenum	96-1	4.73	4.66	4.52	4.64	2.30	ppb
Molybdenum	97-1	4.62	4.95	4.55	4.70	4.54	ppb
Molybdenum	98-1	4.60	4.80	4.56	4.65	2.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.92	1.09	0.92	0.98	9.92	ppb
Phosphorus	31-2	-2.52	1.11	-3.67	-1.69		ppb
Potassium	39-2	469.96	448.86	493.79	470.87	4.77	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				103		%
Selenium	82-1	5.15	5.20	4.53	4.96	7.57	ppb
Selenium	77-2	2.28	5.51	5.80	4.53	43.17	ppb
Selenium	78-2	5.83	4.81	5.69	5.45	10.12	ppb
Silicon	28-1	2.44	2.33	2.82	2.53	10.17	ppb
Silver	107-1	1.03	1.08	1.03	1.05	2.78	ppb
Silver	109-1	1.05	1.06	1.05	1.05	0.52	ppb
Sodium	23-2	483.49	472.28	517.61	491.13	4.81	ppb
Strontium	86-1	0.95	0.94	0.88	0.92	4.04	ppb
Strontium	88-1	0.92	0.99	0.91	0.94	4.56	ppb
Sulfur	34-1	-537.81	-500.71	-500.35	-512.96		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.95	0.92	0.90	0.92	3.00	ppb
Thallium	205-1	0.90	0.91	0.92	0.91	1.06	ppb
Tin	118-1	4.64	4.93	4.56	4.71	4.11	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N3980-16	Instrumnet Name :	P8
Client Sample ID :	LLOQ-SOIL-QT3-2022	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:25:03	DataFile Name :	027LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.61	4.89	4.55	4.68	3.83	ppb
Uranium	238-1	0.83	0.84	0.81	0.83	2.14	ppb
Vanadium	51-2	4.42	4.49	4.68	4.53	2.90	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	2.09	1.96	2.17	2.07	4.94	ppb
Zirconium	90-1	0.85	0.92	0.86	0.88	4.63	ppb
Zirconium	91-1	0.81	0.77	0.88	0.82	6.81	ppb

LB Number : LB121810 Operator : Jaswal
 Lab Sample ID : N3980-07 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired : 2022-08-30 13:28:11 DataFile Name : 028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.23	5.24	5.48	5.32	2.62	ppb
Antimony	121-1	0.28	0.28	0.31	0.29	6.67	ppb
Arsenic	75-2	0.23	0.24	0.25	0.24	5.28	ppb
Barium	135-1	1.38	1.41	1.28	1.36	5.12	ppb
Barium	137-1	1.23	1.26	1.14	1.21	5.08	ppb
Beryllium	9-1	0.26	0.28	0.25	0.26	5.57	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Boron	10-1	4.16	3.98	3.51	3.88	8.67	ppb
Boron	11-1	4.35	3.96	3.54	3.95	10.29	ppb
Bromine	81-1						cps
Cadmium	111-1	0.36	0.29	0.23	0.29	21.54	ppb
Cadmium	106-1	0.08	-0.42	-1.07	-0.47		ppb
Cadmium	108-1	-0.32	-0.21	-0.35	-0.29		ppb
Calcium	43-1	26.21	23.64	22.30	24.05	8.26	ppb
Calcium	44-1	22.52	20.53	18.48	20.51	9.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.31	0.23	0.21	0.25	19.69	ppb
Cobalt	59-2	0.25	0.23	0.24	0.24	4.18	ppb
Copper	63-2	0.62	0.49	0.48	0.53	15.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	54-2	12.66	13.20	12.71	12.86	2.30	ppb
Iron	56-2	13.67	12.80	12.23	12.90	5.64	ppb
Iron	57-2	11.08	10.28	11.38	10.91	5.22	ppb

LB Number : LB121810 Operator : Jaswal
 Lab Sample ID : N3980-07 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired : 2022-08-30 13:28:11 DataFile Name : 028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.28	0.24	0.22	0.25	12.48	ppb
Lead	207-1	0.22	0.21	0.20	0.21	5.65	ppb
Lead	208-1	0.23	0.22	0.19	0.21	9.07	ppb
Lithium	6-1				108		%
Magnesium	24-2	29.14	26.11	25.58	26.94	7.13	ppb
Manganese	55-2	0.54	0.49	0.48	0.50	6.27	ppb
Molybdenum	94-1	1.61	1.49	1.54	1.54	3.87	ppb
Molybdenum	95-1	1.34	1.39	1.38	1.37	1.98	ppb
Molybdenum	96-1	1.38	1.40	1.44	1.40	2.36	ppb
Molybdenum	97-1	1.39	1.33	1.31	1.35	3.02	ppb
Molybdenum	98-1	1.39	1.33	1.30	1.34	3.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.22	0.23	0.24	0.23	3.54	ppb
Phosphorus	31-2	-5.11	-46.21	18.30	-11.00		ppb
Potassium	39-2	5.81	1.65	14.15	7.20	88.42	ppb
Rhodium	103-1				107		%
Rhodium	103-2				110		%
Scandium	45-1				111		%
Scandium	45-2				108		%
Selenium	82-1	2.84	2.78	2.97	2.86	3.35	ppb
Selenium	77-2	1.63	2.22	6.44	3.43	76.54	ppb
Selenium	78-2	3.00	2.42	1.62	2.35	29.70	ppb
Silicon	28-1	-0.45	-1.84	-2.31	-1.54		ppb
Silver	107-1	0.28	0.30	0.27	0.28	4.59	ppb
Silver	109-1	0.29	0.29	0.26	0.28	5.76	ppb
Sodium	23-2	31.08	27.44	28.78	29.10	6.33	ppb
Strontium	86-1	0.28	0.25	0.28	0.27	6.05	ppb
Strontium	88-1	0.24	0.25	0.25	0.25	3.18	ppb
Sulfur	34-1	-380.13	-768.34	-788.10	-645.52		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.29	0.27	0.27	0.28	4.68	ppb
Thallium	205-1	0.27	0.26	0.26	0.26	2.99	ppb
Tin	118-1	0.15	0.18	0.12	0.15	20.66	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N3980-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:28:11	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.44	1.18	1.19	1.27	11.39	ppb
Uranium	238-1	0.23	0.22	0.21	0.22	3.66	ppb
Vanadium	51-2	0.24	0.24	0.24	0.24	1.29	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				109		%
Zinc	66-2	0.33	0.46	0.32	0.37	21.46	ppb
Zirconium	90-1	0.25	0.23	0.24	0.24	2.90	ppb
Zirconium	91-1	0.19	0.27	0.21	0.22	17.86	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N3980-08	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT3-20	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:31:22	DataFile Name :	029LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.89	22.07	20.40	21.45	4.28	ppb
Antimony	121-1	2.03	2.05	1.95	2.01	2.67	ppb
Arsenic	75-2	1.11	1.09	1.06	1.09	2.33	ppb
Barium	135-1	9.67	9.67	9.14	9.49	3.22	ppb
Barium	137-1	9.61	9.77	9.45	9.61	1.69	ppb
Beryllium	9-1	1.04	1.03	1.00	1.02	2.02	ppb
Bismuth	209-1				104		%
Bismuth	209-2				107		%
Boron	10-1	18.64	19.41	20.59	19.55	5.03	ppb
Boron	11-1	20.14	21.12	21.89	21.05	4.18	ppb
Bromine	81-1						cps
Cadmium	111-1	1.19	1.14	1.09	1.14	4.20	ppb
Cadmium	106-1	0.80	1.21	-0.58	0.48	196.47	ppb
Cadmium	108-1	0.38	0.95	0.24	0.53	70.90	ppb
Calcium	43-1	464.28	448.90	451.65	454.94	1.80	ppb
Calcium	44-1	469.21	449.23	443.57	454.00	2.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.99	1.86	1.91	1.92	3.59	ppb
Cobalt	59-2	0.97	0.98	0.89	0.95	5.48	ppb
Copper	63-2	2.11	2.15	1.89	2.05	6.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	54-2	51.33	50.28	47.55	49.72	3.93	ppb
Iron	56-2	54.03	52.42	50.83	52.42	3.06	ppb
Iron	57-2	54.82	50.57	56.53	53.97	5.68	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N3980-08	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT3-20	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:31:22	DataFile Name :	029LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.90	0.87	0.86	0.88	1.88	ppb
Lead	207-1	0.87	0.95	0.89	0.90	4.65	ppb
Lead	208-1	0.87	0.88	0.85	0.87	1.63	ppb
Lithium	6-1				108		%
Magnesium	24-2	551.11	523.76	525.35	533.41	2.88	ppb
Manganese	55-2	1.08	1.14	0.95	1.06	9.05	ppb
Molybdenum	94-1	6.00	5.67	5.63	5.77	3.57	ppb
Molybdenum	95-1	4.81	4.82	4.66	4.76	1.88	ppb
Molybdenum	96-1	5.11	4.78	4.82	4.91	3.67	ppb
Molybdenum	97-1	5.18	5.03	4.91	5.04	2.73	ppb
Molybdenum	98-1	4.87	4.97	4.71	4.85	2.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.15	0.96	1.14	1.09	9.63	ppb
Phosphorus	31-2	18.05	32.82	25.99	25.62	28.85	ppb
Potassium	39-2	501.73	502.95	466.41	490.36	4.23	ppb
Rhodium	103-1				103		%
Rhodium	103-2				106		%
Scandium	45-1				108		%
Scandium	45-2				103		%
Selenium	82-1	5.25	5.19	5.29	5.24	1.02	ppb
Selenium	77-2	8.03	4.20	6.70	6.31	30.85	ppb
Selenium	78-2	5.42	6.34	5.28	5.68	10.11	ppb
Silicon	28-1	3.54	2.53	3.15	3.07	16.64	ppb
Silver	107-1	1.15	1.06	1.06	1.09	4.81	ppb
Silver	109-1	1.13	1.09	1.06	1.10	3.22	ppb
Sodium	23-2	513.93	500.75	498.64	504.44	1.64	ppb
Strontium	86-1	0.86	0.97	0.92	0.92	6.25	ppb
Strontium	88-1	1.02	0.93	0.97	0.97	4.58	ppb
Sulfur	34-1	-192.92	-645.10	-339.10	-392.38		ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	0.89	0.97	0.91	0.92	4.24	ppb
Thallium	205-1	0.95	0.95	0.91	0.94	2.74	ppb
Tin	118-1	5.06	5.00	4.87	4.98	1.96	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N3980-08	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT3-20	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:31:22	DataFile Name :	029LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.08	4.96	4.46	4.84	6.77	ppb
Uranium	238-1	0.84	0.90	0.80	0.85	6.10	ppb
Vanadium	51-2	4.74	4.69	4.67	4.70	0.81	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				105		%
Zinc	66-2	1.92	2.22	2.24	2.13	8.60	ppb
Zirconium	90-1	0.96	0.96	0.92	0.95	2.76	ppb
Zirconium	91-1	0.98	0.93	0.90	0.94	4.66	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N3980-17	Instrumnet Name :	P8
Client Sample ID :	LLOQ-WATER-QT3-2022	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:34:31	DataFile Name :	030LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.66	20.79	19.59	20.68	5.03	ppb
Antimony	121-1	2.09	2.03	1.90	2.01	4.78	ppb
Arsenic	75-2	1.09	1.23	1.00	1.11	10.24	ppb
Barium	135-1	10.24	9.68	9.10	9.67	5.93	ppb
Barium	137-1	9.72	9.64	9.16	9.51	3.18	ppb
Beryllium	9-1	1.06	1.05	0.94	1.02	6.35	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	19.42	20.99	21.01	20.47	4.46	ppb
Boron	11-1	21.89	22.24	22.68	22.27	1.79	ppb
Bromine	81-1						cps
Cadmium	111-1	1.19	1.19	1.06	1.15	6.60	ppb
Cadmium	106-1	0.46	0.24	-0.07	0.21	128.58	ppb
Cadmium	108-1	0.60	0.56	0.55	0.57	5.26	ppb
Calcium	43-1	437.41	452.77	430.54	440.24	2.59	ppb
Calcium	44-1	445.76	453.13	426.53	441.81	3.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.81	1.88	1.79	1.83	2.57	ppb
Cobalt	59-2	1.00	0.95	0.92	0.96	4.15	ppb
Copper	63-2	2.00	1.99	1.99	1.99	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				105		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	54-2	50.23	48.84	47.40	48.82	2.90	ppb
Iron	56-2	51.25	49.61	48.32	49.72	2.96	ppb
Iron	57-2	56.02	51.70	48.11	51.94	7.63	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N3980-17	Instrumnet Name :	P8
Client Sample ID :	LLOQ-WATER-QT3-2022	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:34:31	DataFile Name :	030LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.93	0.84	0.80	0.86	7.51	ppb
Lead	207-1	0.92	0.84	0.76	0.84	9.50	ppb
Lead	208-1	0.87	0.84	0.80	0.84	3.88	ppb
Lithium	6-1				107		%
Magnesium	24-2	527.95	512.99	519.22	520.05	1.44	ppb
Manganese	55-2	0.92	0.99	0.97	0.96	3.28	ppb
Molybdenum	94-1	5.66	5.70	5.53	5.63	1.64	ppb
Molybdenum	95-1	4.86	4.57	4.72	4.72	3.04	ppb
Molybdenum	96-1	4.84	4.74	4.92	4.83	1.94	ppb
Molybdenum	97-1	4.70	4.79	4.50	4.67	3.21	ppb
Molybdenum	98-1	4.91	4.85	4.86	4.87	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	1.05	0.95	0.99	5.81	ppb
Phosphorus	31-2	10.08	-16.13	-2.92	-2.99		ppb
Potassium	39-2	494.17	483.28	450.70	476.05	4.75	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				110		%
Scandium	45-2				105		%
Selenium	82-1	5.20	4.97	5.46	5.21	4.67	ppb
Selenium	77-2	6.09	2.94	4.24	4.43	35.76	ppb
Selenium	78-2	4.74	4.06	4.65	4.48	8.20	ppb
Silicon	28-1	1.21	2.21	1.12	1.51	40.01	ppb
Silver	107-1	1.11	1.07	1.00	1.06	5.15	ppb
Silver	109-1	1.11	1.03	0.99	1.04	6.13	ppb
Sodium	23-2	504.97	485.04	479.02	489.68	2.77	ppb
Strontium	86-1	0.82	1.02	0.95	0.93	10.78	ppb
Strontium	88-1	0.95	0.94	0.97	0.95	1.34	ppb
Sulfur	34-1	-514.35	-666.81	-605.62	-595.59		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.96	0.91	0.93	0.93	2.42	ppb
Thallium	205-1	1.01	0.94	0.86	0.94	8.08	ppb
Tin	118-1	4.93	4.85	4.72	4.83	2.19	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N3980-17	Instrumnet Name :	P8
Client Sample ID :	LLOQ-WATER-QT3-2022	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:34:31	DataFile Name :	030LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.58	5.16	4.78	4.84	6.03	ppb
Uranium	238-1	0.92	0.83	0.78	0.84	8.33	ppb
Vanadium	51-2	4.79	4.59	4.54	4.64	2.87	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	1.86	2.16	2.29	2.11	10.43	ppb
Zirconium	90-1	0.93	0.96	0.95	0.95	1.62	ppb
Zirconium	91-1	0.97	0.88	0.91	0.92	4.75	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N3980-10	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:37:41	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.58	5.36	5.34	5.43	2.42	ppb
Antimony	121-1	0.23	0.29	0.25	0.26	10.76	ppb
Arsenic	75-2	0.25	0.29	0.26	0.27	6.93	ppb
Barium	135-1	1.18	1.26	1.11	1.18	6.41	ppb
Barium	137-1	1.14	1.21	1.20	1.18	3.51	ppb
Beryllium	9-1	0.27	0.25	0.25	0.26	4.46	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Boron	10-1	4.09	3.48	3.52	3.70	9.11	ppb
Boron	11-1	4.21	3.60	3.57	3.79	9.49	ppb
Bromine	81-1						cps
Cadmium	111-1	0.18	0.25	0.27	0.23	20.27	ppb
Cadmium	106-1	-1.77	-0.28	-0.09	-0.71		ppb
Cadmium	108-1	-0.30	-0.09	-0.43	-0.27		ppb
Calcium	43-1	23.81	23.55	23.82	23.73	0.64	ppb
Calcium	44-1	20.41	20.06	18.86	19.78	4.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.25	0.26	0.26	0.26	2.43	ppb
Cobalt	59-2	0.25	0.25	0.25	0.25	0.94	ppb
Copper	63-2	0.54	0.55	0.54	0.54	1.41	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				110		%
Holmium	165-2				105		%
Indium	115-1				109		%
Indium	115-2				104		%
Iron	54-2	12.91	14.09	12.55	13.18	6.14	ppb
Iron	56-2	13.52	13.39	13.26	13.39	0.96	ppb
Iron	57-2	9.68	14.06	12.93	12.23	18.59	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N3980-10	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:37:41	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.25	0.21	0.22	0.23	9.95	ppb
Lead	207-1	0.27	0.22	0.18	0.22	21.48	ppb
Lead	208-1	0.24	0.19	0.20	0.21	10.28	ppb
Lithium	6-1				111		%
Magnesium	24-2	29.61	29.04	27.57	28.74	3.66	ppb
Manganese	55-2	0.51	0.58	0.56	0.55	7.36	ppb
Molybdenum	94-1	1.45	1.47	1.36	1.43	4.28	ppb
Molybdenum	95-1	1.50	1.32	1.37	1.40	6.69	ppb
Molybdenum	96-1	1.41	1.31	1.25	1.32	5.80	ppb
Molybdenum	97-1	1.45	1.38	1.24	1.35	7.71	ppb
Molybdenum	98-1	1.38	1.25	1.24	1.29	5.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.22	0.31	0.26	0.26	17.05	ppb
Phosphorus	31-2	-14.01	-43.15	1.65	-18.50		ppb
Potassium	39-2	10.13	16.18	18.19	14.83	28.25	ppb
Rhodium	103-1				108		%
Rhodium	103-2				109		%
Scandium	45-1				111		%
Scandium	45-2				105		%
Selenium	82-1	2.61	2.85	2.47	2.64	7.11	ppb
Selenium	77-2	0.96	1.03	2.26	1.42	51.73	ppb
Selenium	78-2	2.42	2.41	2.83	2.55	9.48	ppb
Silicon	28-1	-1.36	-1.62	-1.86	-1.61		ppb
Silver	107-1	0.26	0.27	0.26	0.26	1.88	ppb
Silver	109-1	0.25	0.29	0.25	0.26	9.74	ppb
Sodium	23-2	27.37	28.96	28.86	28.40	3.13	ppb
Strontium	86-1	0.25	0.28	0.21	0.24	14.34	ppb
Strontium	88-1	0.26	0.25	0.24	0.25	3.78	ppb
Sulfur	34-1	-518.22	-798.63	-607.65	-641.50		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.28	0.25	0.26	0.26	5.13	ppb
Thallium	205-1	0.27	0.27	0.22	0.26	11.98	ppb
Tin	118-1	0.23	0.16	0.79	0.39	87.82	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N3980-10	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:37:41	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.32	1.26	1.16	1.25	6.36	ppb
Uranium	238-1	0.21	0.22	0.20	0.21	4.16	ppb
Vanadium	51-2	0.22	0.26	0.24	0.24	8.37	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				109		%
Zinc	66-2	0.61	0.30	0.40	0.44	36.83	ppb
Zirconium	90-1	0.25	0.24	0.22	0.24	6.49	ppb
Zirconium	91-1	0.29	0.19	0.22	0.23	20.70	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N3980-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT3-	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:41:22	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.18	5.39	5.03	5.20	3.53	ppb
Antimony	121-1	0.24	0.25	0.25	0.25	3.77	ppb
Arsenic	75-2	0.28	0.26	0.30	0.28	6.78	ppb
Barium	135-1	1.18	1.23	1.19	1.20	2.33	ppb
Barium	137-1	1.14	1.26	1.15	1.18	5.58	ppb
Beryllium	9-1	0.26	0.24	0.25	0.25	3.58	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Boron	10-1	1.93	2.16	2.28	2.12	8.43	ppb
Boron	11-1	2.05	2.08	2.27	2.13	5.68	ppb
Bromine	81-1						cps
Cadmium	111-1	0.23	0.33	0.33	0.29	19.77	ppb
Cadmium	106-1	-0.61	0.09	0.27	-0.08		ppb
Cadmium	108-1	-0.29	-0.27	-0.19	-0.25		ppb
Calcium	43-1	22.82	25.54	23.03	23.80	6.36	ppb
Calcium	44-1	20.22	21.01	19.95	20.40	2.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.25	0.23	0.22	0.23	7.58	ppb
Cobalt	59-2	0.24	0.23	0.25	0.24	4.90	ppb
Copper	63-2	0.50	0.49	0.58	0.52	9.41	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				107		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	54-2	13.09	12.51	11.10	12.23	8.39	ppb
Iron	56-2	13.58	13.36	13.21	13.39	1.39	ppb
Iron	57-2	12.99	10.75	12.24	11.99	9.51	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N3980-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT3-	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:41:22	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.25	0.23	0.23	0.24	4.81	ppb
Lead	207-1	0.23	0.29	0.19	0.24	20.52	ppb
Lead	208-1	0.22	0.24	0.20	0.22	8.69	ppb
Lithium	6-1				109		%
Magnesium	24-2	28.54	24.99	28.14	27.22	7.15	ppb
Manganese	55-2	0.52	0.47	0.50	0.50	4.67	ppb
Molybdenum	94-1	1.61	1.57	1.55	1.58	1.86	ppb
Molybdenum	95-1	1.42	1.43	1.30	1.38	5.26	ppb
Molybdenum	96-1	1.43	1.55	1.37	1.45	6.35	ppb
Molybdenum	97-1	1.43	1.38	1.32	1.38	4.11	ppb
Molybdenum	98-1	1.41	1.39	1.16	1.32	10.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.29	0.28	0.27	0.28	2.25	ppb
Phosphorus	31-2	-32.29	1.71	41.82	3.75	989.90	ppb
Potassium	39-2	13.61	5.87	11.06	10.18	38.78	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				109		%
Scandium	45-2				105		%
Selenium	82-1	2.68	2.68	2.15	2.50	12.21	ppb
Selenium	77-2	2.88	1.63	1.70	2.07	33.89	ppb
Selenium	78-2	1.69	2.49	2.70	2.29	23.29	ppb
Silicon	28-1	-0.77	0.01	-1.02	-0.60		ppb
Silver	107-1	0.27	0.27	0.27	0.27	0.94	ppb
Silver	109-1	0.26	0.26	0.28	0.27	4.36	ppb
Sodium	23-2	27.53	31.48	30.39	29.80	6.85	ppb
Strontium	86-1	0.17	0.24	0.17	0.19	22.33	ppb
Strontium	88-1	0.25	0.27	0.25	0.25	4.57	ppb
Sulfur	34-1	-521.31	-479.16	-515.23	-505.23		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.26	0.22	0.26	0.25	8.70	ppb
Thallium	205-1	0.25	0.26	0.23	0.25	6.76	ppb
Tin	118-1	0.15	0.16	0.15	0.16	5.99	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N3980-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT3-	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:41:22	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.54	1.51	1.22	1.42	12.40	ppb
Uranium	238-1	0.23	0.23	0.20	0.22	8.47	ppb
Vanadium	51-2	0.24	0.29	0.23	0.25	12.31	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	0.54	0.18	0.44	0.39	47.15	ppb
Zirconium	90-1	0.26	0.23	0.21	0.23	9.96	ppb
Zirconium	91-1	0.20	0.21	0.20	0.20	1.32	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N3980-11	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-05-QT3-20	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:44:33	DataFile Name :	033LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.36	19.95	20.99	20.77	3.51	ppb
Antimony	121-1	1.99	2.06	2.01	2.02	1.95	ppb
Arsenic	75-2	1.11	1.05	0.94	1.04	8.03	ppb
Barium	135-1	9.13	9.35	9.87	9.45	3.99	ppb
Barium	137-1	9.44	9.31	9.66	9.47	1.86	ppb
Beryllium	9-1	1.05	1.03	1.06	1.05	1.56	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	18.34	19.51	20.43	19.42	5.40	ppb
Boron	11-1	19.23	21.11	21.88	20.74	6.56	ppb
Bromine	81-1						cps
Cadmium	111-1	0.87	1.16	1.14	1.06	15.51	ppb
Cadmium	106-1	-2.25	0.20	0.66	-0.46		ppb
Cadmium	108-1	0.88	0.39	1.01	0.76	42.81	ppb
Calcium	43-1	466.29	477.95	445.78	463.34	3.51	ppb
Calcium	44-1	463.41	461.64	441.12	455.39	2.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.89	1.83	1.79	1.83	2.69	ppb
Cobalt	59-2	1.00	0.93	0.92	0.95	4.76	ppb
Copper	63-2	2.06	1.95	2.01	2.01	2.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	54-2	52.60	50.14	53.86	52.20	3.63	ppb
Iron	56-2	52.66	49.80	48.14	50.20	4.55	ppb
Iron	57-2	54.48	50.81	47.03	50.77	7.34	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N3980-11	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-05-QT3-20	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:44:33	DataFile Name :	033LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.81	0.90	0.93	0.88	7.40	ppb
Lead	207-1	0.83	0.99	0.84	0.89	10.00	ppb
Lead	208-1	0.85	0.91	0.87	0.88	4.01	ppb
Lithium	6-1				106		%
Magnesium	24-2	546.81	519.74	526.08	530.88	2.67	ppb
Manganese	55-2	1.08	0.93	1.01	1.01	7.48	ppb
Molybdenum	94-1	6.00	5.77	5.76	5.84	2.34	ppb
Molybdenum	95-1	5.05	5.01	4.90	4.99	1.53	ppb
Molybdenum	96-1	4.93	4.89	5.01	4.94	1.23	ppb
Molybdenum	97-1	4.96	5.22	4.74	4.97	4.81	ppb
Molybdenum	98-1	4.96	4.93	4.77	4.89	2.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.16	0.98	1.08	1.07	8.08	ppb
Phosphorus	31-2	-18.04	-17.78	-3.98	-13.27		ppb
Potassium	39-2	493.01	485.96	481.86	486.94	1.16	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				109		%
Scandium	45-2				104		%
Selenium	82-1	5.14	4.89	5.74	5.26	8.36	ppb
Selenium	77-2	6.86	4.83	6.11	5.93	17.31	ppb
Selenium	78-2	5.49	4.33	4.70	4.84	12.30	ppb
Silicon	28-1	2.88	2.08	1.34	2.10	36.86	ppb
Silver	107-1	1.01	1.06	1.10	1.06	3.97	ppb
Silver	109-1	1.05	1.04	1.08	1.05	2.05	ppb
Sodium	23-2	512.23	499.21	495.95	502.46	1.71	ppb
Strontium	86-1	0.98	0.97	0.89	0.94	5.29	ppb
Strontium	88-1	1.01	0.96	0.94	0.97	3.57	ppb
Sulfur	34-1	-464.00	-394.85	-376.05	-411.63		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.82	0.98	1.00	0.93	10.66	ppb
Thallium	205-1	0.93	1.00	0.93	0.95	4.20	ppb
Tin	118-1	4.77	4.78	5.20	4.91	4.95	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N3980-11	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-05-QT3-20	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:44:33	DataFile Name :	033LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.20	5.09	4.60	4.97	6.45	ppb
Uranium	238-1	0.80	0.91	0.84	0.85	6.42	ppb
Vanadium	51-2	4.79	4.54	4.57	4.63	2.94	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	2.41	2.15	1.94	2.17	10.85	ppb
Zirconium	90-1	0.92	0.89	0.89	0.90	2.00	ppb
Zirconium	91-1	0.95	0.92	0.94	0.94	1.76	ppb

LB Number : LB121810 Operator : Jaswal
 Lab Sample ID : N4239-01 Instrumnet Name : P8
 Client Sample ID : MDL-WATER-QT3-2022- Dilution Factor : 1
 Date & Time Acquired : 2022-08-30 13:47:42 DataFile Name : 034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.56	8.80	8.27	8.88	7.29	ppb
Antimony	121-1	0.80	0.82	0.84	0.82	2.53	ppb
Arsenic	75-2	0.59	0.51	0.42	0.51	16.74	ppb
Barium	135-1	3.79	3.54	3.45	3.59	4.91	ppb
Barium	137-1	3.64	3.48	3.88	3.67	5.51	ppb
Beryllium	9-1	0.42	0.41	0.45	0.43	5.26	ppb
Bismuth	209-1				113		%
Bismuth	209-2				104		%
Boron	10-1	9.12	9.64	10.61	9.79	7.71	ppb
Boron	11-1	9.59	9.98	11.14	10.24	7.88	ppb
Bromine	81-1						cps
Cadmium	111-1	0.45	0.42	0.52	0.46	11.15	ppb
Cadmium	106-1	0.40	0.85	1.23	0.83	50.46	ppb
Cadmium	108-1	-0.18	0.11	-0.15	-0.07		ppb
Calcium	43-1	177.10	175.84	190.27	181.07	4.41	ppb
Calcium	44-1	172.60	168.19	182.10	174.30	4.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.89	0.74	0.75	0.79	10.55	ppb
Cobalt	59-2	0.50	0.39	0.39	0.43	15.43	ppb
Copper	63-2	0.99	0.88	0.79	0.88	11.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				102		%
Indium	115-1				115		%
Indium	115-2				99		%
Iron	54-2	107.67	87.58	81.01	92.08	15.08	ppb
Iron	56-2	102.05	87.95	82.30	90.77	11.21	ppb
Iron	57-2	99.97	91.81	81.60	91.12	10.10	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4239-01	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-QT3-2022-	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:47:42	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.36	0.33	0.34	0.34	3.16	ppb
Lead	207-1	0.34	0.31	0.35	0.34	6.51	ppb
Lead	208-1	0.34	0.30	0.35	0.33	8.47	ppb
Lithium	6-1				114		%
Magnesium	24-2	261.74	225.34	213.93	233.67	10.69	ppb
Manganese	55-2	0.42	0.43	0.42	0.42	1.95	ppb
Molybdenum	94-1	2.20	2.21	2.31	2.24	2.80	ppb
Molybdenum	95-1	1.87	1.85	1.91	1.88	1.57	ppb
Molybdenum	96-1	2.07	1.89	2.06	2.01	5.00	ppb
Molybdenum	97-1	1.93	2.04	1.97	1.98	2.69	ppb
Molybdenum	98-1	1.85	1.87	2.01	1.91	4.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.44	0.40	0.38	0.41	7.39	ppb
Phosphorus	31-2	10.97	-45.02	-64.65	-32.90		ppb
Potassium	39-2	248.27	206.61	188.70	214.52	14.25	ppb
Rhodium	103-1				115		%
Rhodium	103-2				105		%
Scandium	45-1				119		%
Scandium	45-2				103		%
Selenium	82-1	3.31	3.30	3.34	3.32	0.70	ppb
Selenium	77-2	7.45	4.15	2.23	4.61	57.24	ppb
Selenium	78-2	4.71	2.47	3.31	3.50	32.34	ppb
Silicon	28-1	-2.77	-3.22	-0.45	-2.14		ppb
Silver	107-1	0.39	0.39	0.44	0.41	6.80	ppb
Silver	109-1	0.41	0.45	0.45	0.44	5.16	ppb
Sodium	23-2	249.74	207.78	194.54	217.35	13.26	ppb
Strontium	86-1	0.37	0.36	0.36	0.36	1.68	ppb
Strontium	88-1	0.38	0.37	0.36	0.37	2.24	ppb
Sulfur	34-1	-1210.98	-1417.20	-604.91	-1077.70		ppb
Terbium	159-1				113		%
Terbium	159-2				99		%
Thallium	203-1	0.35	0.38	0.35	0.36	5.27	ppb
Thallium	205-1	0.35	0.35	0.38	0.36	3.87	ppb
Tin	118-1	1.88	1.81	1.91	1.87	2.85	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4239-01	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-QT3-2022-	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:47:42	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.82	1.84	2.16	1.94	9.70	ppb
Uranium	238-1	0.36	0.32	0.33	0.34	5.13	ppb
Vanadium	51-2	2.30	1.92	1.82	2.01	12.63	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				103		%
Zinc	66-2	1.21	0.75	1.01	0.99	23.18	ppb
Zirconium	90-1	0.38	0.36	0.43	0.39	8.23	ppb
Zirconium	91-1	0.38	0.40	0.42	0.40	5.40	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:51:03	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53802.78	54660.27	53466.40	53976.48	1.14	ppb
Antimony	121-1	507.72	473.74	507.02	496.16	3.91	ppb
Arsenic	75-2	480.00	471.61	469.64	473.75	1.16	ppb
Barium	135-1	2561.35	2474.89	2623.89	2553.38	2.93	ppb
Barium	137-1	2587.05	2504.77	2504.98	2532.26	1.87	ppb
Beryllium	9-1	492.36	477.62	467.15	479.04	2.64	ppb
Bismuth	209-1				91		%
Bismuth	209-2				93		%
Boron	10-1	519.33	544.06	545.98	536.46	2.77	ppb
Boron	11-1	526.62	555.88	536.92	539.80	2.75	ppb
Bromine	81-1						cps
Cadmium	111-1	505.01	477.87	500.72	494.53	2.95	ppb
Cadmium	106-1	522.22	479.28	518.27	506.59	4.69	ppb
Cadmium	108-1	516.93	487.86	512.95	505.91	3.12	ppb
Calcium	43-1	233890.94	245481.09	243457.23	240943.08	2.57	ppb
Calcium	44-1	240205.08	247354.86	242020.99	243193.64	1.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	490.99	482.22	474.89	482.70	1.67	ppb
Cobalt	59-2	505.46	502.88	510.96	506.43	0.82	ppb
Copper	63-2	5111.13	5118.87	5059.60	5096.53	0.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	54-2	139798.75	135724.95	130737.81	135420.50	3.35	ppb
Iron	56-2	134879.51	130074.98	133053.28	132669.26	1.83	ppb
Iron	57-2	131997.07	133466.33	132762.97	132742.13	0.55	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:51:03	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2659.64	2589.54	2566.72	2605.30	1.86	ppb
Lead	207-1	2668.00	2653.51	2627.11	2649.54	0.78	ppb
Lead	208-1	2701.03	2640.32	2614.99	2652.12	1.67	ppb
Lithium	6-1				105		%
Magnesium	24-2	254683.86	247967.61	254689.62	252447.03	1.54	ppb
Manganese	55-2	5195.93	5073.47	4966.65	5078.68	2.26	ppb
Molybdenum	94-1	5057.01	5145.65	5343.71	5182.12	2.83	ppb
Molybdenum	95-1	5184.70	5199.14	5227.93	5203.92	0.42	ppb
Molybdenum	96-1	5135.43	5051.88	5112.45	5099.92	0.85	ppb
Molybdenum	97-1	5076.60	5118.31	5262.80	5152.57	1.90	ppb
Molybdenum	98-1	5119.71	5115.87	5159.45	5131.68	0.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	539.50	535.15	534.63	536.42	0.50	ppb
Phosphorus	31-2	10197.61	10179.46	9782.86	10053.31	2.33	ppb
Potassium	39-2	131812.93	130561.76	130180.44	130851.71	0.65	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	82-1	495.61	502.62	505.24	501.16	0.99	ppb
Selenium	77-2	482.08	494.10	465.69	480.62	2.97	ppb
Selenium	78-2	496.20	488.79	487.03	490.67	0.99	ppb
Silicon	28-1	747.72	785.21	762.54	765.16	2.47	ppb
Silver	107-1	523.47	479.89	515.00	506.12	4.57	ppb
Silver	109-1	508.00	497.47	503.38	502.95	1.05	ppb
Sodium	23-2	266224.46	268663.66	265400.57	266762.90	0.64	ppb
Strontium	86-1	12467.85	12917.56	12446.86	12610.76	2.11	ppb
Strontium	88-1	12620.75	12601.66	12736.02	12652.81	0.57	ppb
Sulfur	34-1	9335.03	9636.58	9372.27	9447.96	1.74	ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	547.60	534.53	508.49	530.21	3.76	ppb
Thallium	205-1	552.93	526.11	525.87	534.97	2.91	ppb
Tin	118-1	525.32	512.06	528.47	521.95	1.67	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:51:03	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4905.93	4969.80	4979.73	4951.82	0.81	ppb
Uranium	238-1	535.73	540.47	523.60	533.26	1.63	ppb
Vanadium	51-2	499.88	488.52	482.36	490.25	1.81	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				103		%
Zinc	66-2	5003.90	4760.71	4899.41	4888.01	2.50	ppb
Zirconium	90-1	504.30	507.57	508.83	506.90	0.46	ppb
Zirconium	91-1	517.93	511.13	533.53	520.86	2.21	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:57:32	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.25	1.41	0.35	0.67	96.19	ppb
Antimony	121-1	0.06	0.08	0.10	0.08	28.53	ppb
Arsenic	75-2	0.02	0.03	0.00	0.02	85.94	ppb
Barium	135-1	0.01	0.00	0.02	0.01	117.34	ppb
Barium	137-1	0.02	0.01	0.02	0.01	36.29	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	4.85	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Boron	10-1	15.34	14.98	12.98	14.44	8.79	ppb
Boron	11-1	16.23	15.36	14.36	15.32	6.10	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.13	0.10	-0.14	-0.06		ppb
Cadmium	106-1	-3.84	1.08	-3.99	-2.25		ppb
Cadmium	108-1	-0.43	-0.64	-0.40	-0.49		ppb
Calcium	43-1	0.32	-1.30	-1.14	-0.71		ppb
Calcium	44-1	-4.22	-4.27	-4.17	-4.22		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.05	0.02	0.02	110.02	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	191.89	ppb
Copper	63-2	0.03	0.12	0.01	0.05	121.33	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				108		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	54-2	0.66	0.73	1.17	0.85	32.87	ppb
Iron	56-2	0.23	1.59	0.10	0.64	129.45	ppb
Iron	57-2	0.47	1.05	0.36	0.63	58.64	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:57:32	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.00	0.02	0.02	0.01	101.79	ppb
Lead	207-1	0.00	0.02	0.02	0.01	105.03	ppb
Lead	208-1	0.00	0.01	0.01	0.01	112.91	ppb
Lithium	6-1				108		%
Magnesium	24-2	-0.06	2.79	-0.24	0.83	204.78	ppb
Manganese	55-2	-0.01	0.05	0.00	0.02	201.22	ppb
Molybdenum	94-1	0.19	0.16	0.19	0.18	8.65	ppb
Molybdenum	95-1	0.27	0.26	0.26	0.26	2.83	ppb
Molybdenum	96-1	0.27	0.23	0.21	0.24	11.40	ppb
Molybdenum	97-1	0.22	0.22	0.26	0.23	9.49	ppb
Molybdenum	98-1	0.26	0.22	0.22	0.24	10.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	-0.01	-0.01		ppb
Phosphorus	31-2	-54.64	-28.71	-117.77	-67.04		ppb
Potassium	39-2	-6.38	-3.33	-2.94	-4.21		ppb
Rhodium	103-1				103		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	82-1	0.30	0.03	0.07	0.14	104.96	ppb
Selenium	77-2	-0.22	-0.22	-0.22	-0.22		ppb
Selenium	78-2	-0.28	-0.77	-0.34	-0.47		ppb
Silicon	28-1	-1.21	-0.75	-2.47	-1.48		ppb
Silver	107-1	0.00	0.00	0.01	0.01	100.18	ppb
Silver	109-1	0.00	0.01	0.00	0.01	109.74	ppb
Sodium	23-2	12.21	14.84	12.45	13.17	11.04	ppb
Strontium	86-1	-0.02	-0.03	0.05	0.00		ppb
Strontium	88-1	0.02	0.02	0.01	0.02	35.97	ppb
Sulfur	34-1	-931.18	-849.04	-872.89	-884.37		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.03	0.02	0.04	0.03	39.22	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	20.89	ppb
Tin	118-1	-0.12	-0.17	0.07	-0.07		ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:57:32	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.01	-0.08	-0.02	-0.04		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	137.79	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	291.36	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				104		%
Zinc	66-2	-0.09	-0.13	-0.15	-0.12		ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	81.82	ppb
Zirconium	91-1	-0.01	0.01	0.01	0.01	191.34	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4239-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT3-2022-05	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:00:41	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.53	8.89	8.81	9.74	15.87	ppb
Antimony	121-1	0.86	0.88	0.81	0.85	4.27	ppb
Arsenic	75-2	0.52	0.38	0.39	0.43	18.29	ppb
Barium	135-1	3.84	3.82	4.00	3.88	2.50	ppb
Barium	137-1	4.37	3.99	4.19	4.18	4.55	ppb
Beryllium	9-1	0.48	0.48	0.49	0.48	0.42	ppb
Bismuth	209-1				107		%
Bismuth	209-2				109		%
Boron	10-1	18.20	18.73	17.69	18.21	2.85	ppb
Boron	11-1	18.84	19.43	19.11	19.12	1.54	ppb
Bromine	81-1						cps
Cadmium	111-1	0.52	0.43	0.43	0.46	11.43	ppb
Cadmium	106-1	-0.76	-1.11	-0.62	-0.83		ppb
Cadmium	108-1	-0.13	0.07	-0.08	-0.05		ppb
Calcium	43-1	206.57	201.66	192.52	200.25	3.56	ppb
Calcium	44-1	198.62	199.68	194.16	197.49	1.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.90	0.73	0.82	0.82	10.90	ppb
Cobalt	59-2	0.46	0.41	0.42	0.43	6.03	ppb
Copper	63-2	1.23	0.89	0.84	0.98	21.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	54-2	99.57	89.81	87.54	92.31	6.93	ppb
Iron	56-2	99.00	90.29	88.06	92.45	6.26	ppb
Iron	57-2	103.57	96.05	86.12	95.25	9.19	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4239-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT3-2022-05	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:00:41	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.40	0.38	0.41	0.39	4.14	ppb
Lead	207-1	0.40	0.36	0.34	0.37	9.49	ppb
Lead	208-1	0.40	0.38	0.37	0.38	4.71	ppb
Lithium	6-1				106		%
Magnesium	24-2	248.71	227.81	221.37	232.63	6.14	ppb
Manganese	55-2	0.69	0.47	0.33	0.50	35.96	ppb
Molybdenum	94-1	2.55	2.82	2.60	2.66	5.50	ppb
Molybdenum	95-1	2.19	2.34	2.24	2.26	3.37	ppb
Molybdenum	96-1	2.31	2.26	2.19	2.25	2.74	ppb
Molybdenum	97-1	2.25	2.46	2.12	2.28	7.49	ppb
Molybdenum	98-1	2.33	2.36	2.21	2.30	3.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.43	0.40	0.41	0.41	4.47	ppb
Phosphorus	31-2	-21.92	-60.19	-38.33	-40.15		ppb
Potassium	39-2	215.57	201.66	204.00	207.08	3.60	ppb
Rhodium	103-1				104		%
Rhodium	103-2				110		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	82-1	3.55	3.49	3.20	3.41	5.53	ppb
Selenium	77-2	1.02	2.23	1.03	1.43	48.78	ppb
Selenium	78-2	3.05	2.08	2.53	2.55	19.01	ppb
Silicon	28-1	-0.12	-0.38	-1.10	-0.53		ppb
Silver	107-1	0.45	0.45	0.45	0.45	0.88	ppb
Silver	109-1	0.46	0.46	0.45	0.46	1.47	ppb
Sodium	23-2	236.70	215.92	209.93	220.85	6.36	ppb
Strontium	86-1	0.45	0.41	0.36	0.41	11.13	ppb
Strontium	88-1	0.43	0.42	0.41	0.42	2.87	ppb
Sulfur	34-1	-1013.40	-785.79	-1074.30	-957.83		ppb
Terbium	159-1				105		%
Terbium	159-2				108		%
Thallium	203-1	0.44	0.41	0.41	0.42	3.81	ppb
Thallium	205-1	0.43	0.41	0.39	0.41	4.43	ppb
Tin	118-1	2.09	2.18	2.01	2.09	4.07	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4239-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT3-2022-05	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:00:41	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.13	2.13	2.34	2.20	5.49	ppb
Uranium	238-1	0.39	0.38	0.38	0.38	1.01	ppb
Vanadium	51-2	2.07	2.00	2.01	2.03	1.85	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				107		%
Zinc	66-2	1.18	1.04	0.96	1.06	10.36	ppb
Zirconium	90-1	0.44	0.44	0.42	0.44	3.10	ppb
Zirconium	91-1	0.42	0.42	0.37	0.41	6.52	ppb

LB Number : LB121810 Operator : Jaswal
 Lab Sample ID : PBW Instrumnet Name : P8
 Client Sample ID : PBW Dilution Factor : 1
 Date & Time Acquired : 2022-08-30 14:03:52 DataFile Name : 038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.25	0.05	0.39	0.23	72.84	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	18.81	ppb
Arsenic	75-2	0.00	-0.01	0.02	0.00	5933.78	ppb
Barium	135-1	-0.01	0.00	0.01	0.00	1438.87	ppb
Barium	137-1	0.02	0.01	0.00	0.01	121.06	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	21.66	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Boron	10-1	7.19	6.78	7.14	7.04	3.21	ppb
Boron	11-1	7.69	7.27	7.67	7.54	3.10	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.02	-0.05	-0.04		ppb
Cadmium	106-1	-1.37	-0.96	-1.93	-1.42		ppb
Cadmium	108-1	-0.29	-0.22	-0.38	-0.30		ppb
Calcium	43-1	0.38	-0.16	0.26	0.16	179.38	ppb
Calcium	44-1	-4.01	-5.08	-4.49	-4.53		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.02	0.03	0.01	185.67	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	-0.01	0.00	0.09	0.02	218.77	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				107		%
Holmium	165-2				99		%
Indium	115-1				107		%
Indium	115-2				97		%
Iron	54-2	0.07	0.33	1.24	0.54	113.56	ppb
Iron	56-2	0.09	-0.06	0.01	0.02	468.83	ppb
Iron	57-2	-1.18	-0.63	-1.13	-0.98		ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P8
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:03:52	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.01	0.02	0.04	0.02	59.21	ppb
Lead	207-1	0.03	-0.01	0.00	0.01	243.43	ppb
Lead	208-1	0.01	0.00	0.00	0.00	235.09	ppb
Lithium	6-1				109		%
Magnesium	24-2	-0.14	-0.54	-0.09	-0.25		ppb
Manganese	55-2	0.02	0.02	0.02	0.02	16.69	ppb
Molybdenum	94-1	0.06	0.05	0.06	0.06	15.58	ppb
Molybdenum	95-1	0.05	0.06	0.05	0.05	12.57	ppb
Molybdenum	96-1	0.08	0.04	0.08	0.06	38.01	ppb
Molybdenum	97-1	0.07	0.04	0.07	0.06	21.47	ppb
Molybdenum	98-1	0.07	0.07	0.06	0.07	10.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.02	0.02	-0.01		ppb
Phosphorus	31-2	-13.72	-48.98	-13.20	-25.30		ppb
Potassium	39-2	-0.87	-0.94	17.95	5.38	202.35	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				98		%
Selenium	82-1	-0.52	-0.10	0.02	-0.20		ppb
Selenium	77-2	-0.22	-0.22	-0.22	-0.22		ppb
Selenium	78-2	0.42	0.62	0.12	0.38	65.83	ppb
Silicon	28-1	-0.84	-2.76	-0.55	-1.39		ppb
Silver	107-1	0.00	0.01	0.00	0.00	58.39	ppb
Silver	109-1	0.01	0.00	0.00	0.00	96.27	ppb
Sodium	23-2	6.02	6.81	11.46	8.10	36.30	ppb
Strontium	86-1	0.01	0.01	-0.03	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	139.57	ppb
Sulfur	34-1	-675.06	-924.63	-713.23	-770.97		ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	0.02	0.02	0.01	0.02	17.81	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	19.34	ppb
Tin	118-1	-0.12	-0.06	-0.02	-0.07		ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P8
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:03:52	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.01	-0.07	0.03	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	100.38	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	257.99	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	0.19	-0.13	0.09	0.05	313.19	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	135.61	ppb
Zirconium	91-1	0.00	0.00	0.01	0.01	44.54	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P8
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:07:01	DataFile Name :	039LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41.36	42.42	40.23	41.33	2.65	ppb
Antimony	121-1	3.89	3.81	3.82	3.84	1.02	ppb
Arsenic	75-2	1.92	1.77	2.09	1.93	8.31	ppb
Barium	135-1	18.08	17.46	18.43	17.99	2.72	ppb
Barium	137-1	18.63	17.59	18.96	18.40	3.89	ppb
Beryllium	9-1	1.89	1.88	1.91	1.90	0.68	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Boron	10-1	37.31	41.46	42.08	40.29	6.44	ppb
Boron	11-1	40.07	44.52	45.85	43.48	6.96	ppb
Bromine	81-1						cps
Cadmium	111-1	2.13	1.94	2.12	2.07	5.08	ppb
Cadmium	106-1	0.84	1.18	1.75	1.26	36.48	ppb
Cadmium	108-1	1.10	1.39	2.07	1.52	32.85	ppb
Calcium	43-1	845.26	863.87	901.01	870.05	3.26	ppb
Calcium	44-1	846.18	858.07	894.92	866.39	2.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.78	3.69	3.78	3.75	1.32	ppb
Cobalt	59-2	1.99	1.94	1.82	1.92	4.48	ppb
Copper	63-2	4.00	3.89	3.76	3.88	3.06	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				103		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	54-2	407.02	392.07	389.09	396.06	2.43	ppb
Iron	56-2	386.66	382.01	378.54	382.40	1.07	ppb
Iron	57-2	389.75	382.54	373.57	381.95	2.12	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P8
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:07:01	DataFile Name :	039LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.76	1.77	1.83	1.79	2.10	ppb
Lead	207-1	1.75	1.62	1.89	1.75	7.94	ppb
Lead	208-1	1.74	1.69	1.82	1.75	3.63	ppb
Lithium	6-1				107		%
Magnesium	24-2	1027.61	1007.54	1000.18	1011.78	1.40	ppb
Manganese	55-2	1.94	1.85	1.86	1.88	2.86	ppb
Molybdenum	94-1	13.02	13.21	13.48	13.24	1.73	ppb
Molybdenum	95-1	12.01	11.82	12.33	12.05	2.13	ppb
Molybdenum	96-1	12.04	11.82	12.30	12.06	1.99	ppb
Molybdenum	97-1	12.59	11.70	12.33	12.21	3.75	ppb
Molybdenum	98-1	11.87	11.71	12.18	11.92	2.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.14	2.05	2.04	2.07	2.69	ppb
Phosphorus	31-2	-53.54	-48.31	-50.01	-50.62		ppb
Potassium	39-2	914.42	914.03	893.81	907.42	1.30	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				102		%
Selenium	82-1	10.00	10.64	10.10	10.25	3.33	ppb
Selenium	77-2	10.59	11.39	9.68	10.56	8.13	ppb
Selenium	78-2	10.00	10.64	10.43	10.36	3.12	ppb
Silicon	28-1	1.45	2.44	4.71	2.87	58.31	ppb
Silver	107-1	1.94	2.03	2.03	2.00	2.42	ppb
Silver	109-1	2.01	1.98	1.96	1.98	1.11	ppb
Sodium	23-2	952.18	946.58	945.88	948.21	0.36	ppb
Strontium	86-1	1.94	1.96	1.87	1.92	2.43	ppb
Strontium	88-1	1.88	1.96	2.00	1.95	3.24	ppb
Sulfur	34-1	-1017.26	-837.90	-408.62	-754.59		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	1.84	1.72	1.92	1.83	5.41	ppb
Thallium	205-1	1.81	1.75	1.90	1.82	4.37	ppb
Tin	118-1	0.04	0.01	0.03	0.03	65.56	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P8
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:07:01	DataFile Name :	039LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	8.67	9.24	9.57	9.16	4.96	ppb
Uranium	238-1	1.69	1.69	1.82	1.73	4.44	ppb
Vanadium	51-2	8.95	8.84	8.71	8.84	1.38	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	10.07	10.89	9.74	10.23	5.76	ppb
Zirconium	90-1	1.83	1.80	1.87	1.83	2.07	ppb
Zirconium	91-1	1.87	1.84	1.90	1.87	1.64	ppb

LB Number : LB121810 Operator : Jaswal
 Lab Sample ID : PBS Instrumnet Name : P8
 Client Sample ID : PBS Dilution Factor : 1
 Date & Time Acquired : 2022-08-30 14:10:13 DataFile Name : 040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.35	0.13	-0.09	0.13	167.44	ppb
Antimony	121-1	0.00	0.02	0.01	0.01	73.97	ppb
Arsenic	75-2	0.00	0.01	0.00	0.01	99.31	ppb
Barium	135-1	0.01	0.01	0.00	0.01	82.20	ppb
Barium	137-1	0.00	0.01	0.00	0.00	38.77	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	10.59	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	7.67	6.85	6.62	7.04	7.80	ppb
Boron	11-1	7.55	7.04	7.24	7.28	3.54	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	0.09	-0.02	0.03	190.56	ppb
Cadmium	106-1	-0.62	1.41	-1.23	-0.15		ppb
Cadmium	108-1	-0.63	-0.45	-0.42	-0.50		ppb
Calcium	43-1	0.22	-0.69	-0.79	-0.42		ppb
Calcium	44-1	-4.04	-3.91	-4.71	-4.22		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.02	-0.01	-0.01		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	-0.01	0.02	0.03	0.01	156.40	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				103		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	54-2	0.20	0.68	-1.22	-0.12		ppb
Iron	56-2	0.20	0.21	0.08	0.16	44.43	ppb
Iron	57-2	-0.17	-0.51	-0.36	-0.35		ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P8
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:10:13	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.02	0.02	18.84	ppb
Lead	207-1	0.02	-0.01	-0.01	0.00		ppb
Lead	208-1	0.01	0.00	-0.01	0.00	2793.33	ppb
Lithium	6-1				105		%
Magnesium	24-2	-0.57	-0.19	0.01	-0.25		ppb
Manganese	55-2	0.00	0.00	0.00	0.00		ppb
Molybdenum	94-1	0.01	0.02	0.05	0.03	71.81	ppb
Molybdenum	95-1	0.04	0.05	0.04	0.04	8.69	ppb
Molybdenum	96-1	0.03	0.05	0.04	0.04	14.75	ppb
Molybdenum	97-1	0.04	0.02	0.04	0.03	26.36	ppb
Molybdenum	98-1	0.03	0.04	0.04	0.04	13.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.02	0.00	-0.01		ppb
Phosphorus	31-2	-30.45	-55.11	-33.12	-39.56		ppb
Potassium	39-2	10.60	-3.43	0.49	2.55	283.72	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	0.04	-0.16	-0.35	-0.16		ppb
Selenium	77-2	-0.22	0.44	-0.22	0.00	39514.12	ppb
Selenium	78-2	-0.60	0.29	-0.46	-0.26		ppb
Silicon	28-1	-0.14	-0.22	-1.23	-0.53		ppb
Silver	107-1	0.00	0.00	0.00	0.00	208.90	ppb
Silver	109-1	0.01	0.01	0.01	0.01	24.43	ppb
Sodium	23-2	8.39	2.31	3.69	4.80	66.40	ppb
Strontium	86-1	-0.03	-0.02	-0.03	-0.03		ppb
Strontium	88-1	0.00	0.00	0.01	0.00	63.17	ppb
Sulfur	34-1	-232.69	-490.99	-568.91	-430.86		ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	0.01	0.02	0.03	0.02	64.54	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	48.42	ppb
Tin	118-1	-0.02	-0.09	-0.02	-0.05		ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P8
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:10:13	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.02	0.02	0.03	0.01	322.00	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				102		%
Zinc	66-2	-0.11	-0.13	-0.04	-0.09		ppb
Zirconium	90-1	0.02	0.00	0.01	0.01	74.03	ppb
Zirconium	91-1	0.01	0.01	0.00	0.01	38.68	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P8
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:13:22	DataFile Name :	041LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44.15	41.86	40.06	42.02	4.87	ppb
Antimony	121-1	3.92	4.05	3.74	3.90	4.06	ppb
Arsenic	75-2	2.16	2.29	2.05	2.17	5.49	ppb
Barium	135-1	18.36	17.69	18.46	18.17	2.32	ppb
Barium	137-1	18.36	18.41	18.06	18.28	1.04	ppb
Beryllium	9-1	1.95	1.93	1.87	1.92	2.12	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	37.87	40.82	40.16	39.61	3.90	ppb
Boron	11-1	40.11	42.91	43.11	42.04	3.99	ppb
Bromine	81-1						cps
Cadmium	111-1	1.94	2.15	2.07	2.05	5.02	ppb
Cadmium	106-1	1.73	0.69	0.55	0.99	65.27	ppb
Cadmium	108-1	1.72	1.88	1.49	1.70	11.71	ppb
Calcium	43-1	910.18	900.09	892.52	900.93	0.98	ppb
Calcium	44-1	912.75	886.63	888.81	896.06	1.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.84	3.78	3.68	3.77	2.18	ppb
Cobalt	59-2	1.96	1.92	1.84	1.91	3.33	ppb
Copper	63-2	3.98	3.81	3.78	3.86	2.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	54-2	418.79	397.48	375.30	397.19	5.48	ppb
Iron	56-2	410.03	400.18	374.03	394.74	4.71	ppb
Iron	57-2	408.09	398.96	389.59	398.88	2.32	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P8
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:13:22	DataFile Name :	041LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.86	1.71	1.63	1.73	6.72	ppb
Lead	207-1	1.78	1.72	1.63	1.71	4.42	ppb
Lead	208-1	1.78	1.74	1.67	1.73	3.16	ppb
Lithium	6-1				110		%
Magnesium	24-2	1077.27	1019.94	966.33	1021.18	5.43	ppb
Manganese	55-2	2.12	1.97	2.02	2.04	3.62	ppb
Molybdenum	94-1	14.28	14.34	13.57	14.06	3.06	ppb
Molybdenum	95-1	12.54	12.63	12.57	12.58	0.35	ppb
Molybdenum	96-1	12.99	12.66	12.40	12.68	2.35	ppb
Molybdenum	97-1	12.92	12.75	12.66	12.78	1.04	ppb
Molybdenum	98-1	12.52	12.73	12.25	12.50	1.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.13	2.10	1.95	2.06	4.70	ppb
Phosphorus	31-2	18.48	-11.82	-49.75	-14.37		ppb
Potassium	39-2	996.22	921.26	915.44	944.31	4.77	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				103		%
Selenium	82-1	10.38	10.27	10.65	10.44	1.88	ppb
Selenium	77-2	9.28	10.50	13.94	11.24	21.50	ppb
Selenium	78-2	10.43	10.53	10.02	10.32	2.63	ppb
Silicon	28-1	5.08	3.46	5.54	4.69	23.33	ppb
Silver	107-1	1.99	2.03	2.04	2.02	1.43	ppb
Silver	109-1	1.98	2.04	1.98	2.00	1.86	ppb
Sodium	23-2	1019.51	964.93	944.72	976.39	3.96	ppb
Strontium	86-1	1.99	1.95	1.96	1.97	0.94	ppb
Strontium	88-1	1.97	2.00	2.02	2.00	1.33	ppb
Sulfur	34-1	-559.81	-773.37	-423.89	-585.69		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	1.79	1.75	1.80	1.78	1.43	ppb
Thallium	205-1	1.94	1.73	1.72	1.80	6.88	ppb
Tin	118-1	-0.05	0.01	0.04	0.00	2372.96	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P8
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:13:22	DataFile Name :	041LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9.53	9.60	9.19	9.44	2.31	ppb
Uranium	238-1	1.83	1.75	1.61	1.73	6.24	ppb
Vanadium	51-2	9.86	9.31	8.78	9.32	5.80	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	10.19	10.32	9.50	10.00	4.38	ppb
Zirconium	90-1	1.92	1.96	1.91	1.93	1.36	ppb
Zirconium	91-1	2.06	1.91	1.71	1.89	9.19	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	PBW 6020	Instrumnet Name :	P8
Client Sample ID :	PBW 6020	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:16:34	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.11	0.26	0.00	0.12	106.77	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	8.00	ppb
Arsenic	75-2	-0.02	0.03	0.01	0.01	361.48	ppb
Barium	135-1	0.00	0.01	0.00	0.00	432.05	ppb
Barium	137-1	0.00	0.00	0.01	0.00	206.81	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	18.20	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	8.33	7.50	7.21	7.68	7.57	ppb
Boron	11-1	8.81	7.65	7.43	7.96	9.28	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	-0.05	0.01	-0.01		ppb
Cadmium	106-1	-0.42	-2.05	-0.39	-0.95		ppb
Cadmium	108-1	-0.49	-0.60	-0.40	-0.50		ppb
Calcium	43-1	0.24	0.02	-0.53	-0.09		ppb
Calcium	44-1	-4.00	-4.29	-3.50	-3.93		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.02	-0.05	-0.03		ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	-0.01	-0.01	0.04	0.00	865.06	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				98		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	54-2	1.29	-0.29	0.36	0.45	174.85	ppb
Iron	56-2	0.30	-0.03	0.20	0.16	105.63	ppb
Iron	57-2	-0.68	-1.11	1.00	-0.26		ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	PBW 6020	Instrumnet Name :	P8
Client Sample ID :	PBW 6020	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:16:34	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.00	0.04	0.00	0.01	159.43	ppb
Lead	207-1	-0.01	-0.02	-0.01	-0.01		ppb
Lead	208-1	0.00	0.01	-0.01	0.00		ppb
Lithium	6-1				105		%
Magnesium	24-2	-0.60	-0.15	0.25	-0.17		ppb
Manganese	55-2	0.01	0.00	0.02	0.01	109.31	ppb
Molybdenum	94-1	0.00	-0.02	0.02	0.00	3018.98	ppb
Molybdenum	95-1	0.02	0.02	0.03	0.02	26.05	ppb
Molybdenum	96-1	0.03	0.03	0.03	0.03	5.25	ppb
Molybdenum	97-1	0.01	0.05	0.02	0.03	78.65	ppb
Molybdenum	98-1	0.02	0.04	0.03	0.03	32.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.01	0.01	0.01	179.24	ppb
Phosphorus	31-2	-24.14	-46.18	-41.27	-37.20		ppb
Potassium	39-2	7.27	1.99	5.21	4.82	55.14	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	0.46	0.24	0.28	0.33	35.46	ppb
Selenium	77-2	-0.22	0.45	-0.22	0.00	8672.48	ppb
Selenium	78-2	0.31	0.24	-0.01	0.18	92.53	ppb
Silicon	28-1	0.04	-0.15	0.53	0.14	248.15	ppb
Silver	107-1	0.00	0.01	0.00	0.00	301.85	ppb
Silver	109-1	0.01	0.00	0.00	0.00	94.51	ppb
Sodium	23-2	5.65	7.64	2.55	5.28	48.61	ppb
Strontium	86-1	0.06	0.06	0.05	0.05	9.94	ppb
Strontium	88-1	0.00	0.01	0.01	0.00	115.55	ppb
Sulfur	34-1	-155.91	-190.52	-130.95	-159.13		ppb
Terbium	159-1				97		%
Terbium	159-2				100		%
Thallium	203-1	0.02	0.00	0.02	0.01	81.08	ppb
Thallium	205-1	0.01	-0.01	0.01	0.00	225.24	ppb
Tin	118-1	0.35	-0.16	-0.11	0.03	1078.85	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	PBW 6020	Instrumnet Name :	P8
Client Sample ID :	PBW 6020	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:16:34	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.04	-0.06	0.01	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.00	0.01	0.00	104.40	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				100		%
Zinc	66-2	0.08	-0.09	-0.07	-0.03		ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	105.16	ppb
Zirconium	91-1	0.00	0.01	-0.01	0.00		ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	PBS 6020	Instrumnet Name :	P8
Client Sample ID :	PBS 6020	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:19:43	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.19	0.23	0.25	0.22	12.37	ppb
Antimony	121-1	0.00	0.01	0.00	0.00	40.44	ppb
Arsenic	75-2	0.04	0.02	-0.02	0.01	220.66	ppb
Barium	135-1	0.01	0.00	0.00	0.00	256.15	ppb
Barium	137-1	0.01	0.00	0.00	0.00	83.84	ppb
Beryllium	9-1	0.01	0.01	0.00	0.01	56.91	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	3.87	4.11	3.99	3.99	3.01	ppb
Boron	11-1	4.23	4.33	4.16	4.24	1.98	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	0.03	0.05	0.03	53.53	ppb
Cadmium	106-1	-0.51	0.05	0.12	-0.11		ppb
Cadmium	108-1	-0.53	-0.37	-0.52	-0.47		ppb
Calcium	43-1	-0.37	-0.66	-0.61	-0.55		ppb
Calcium	44-1	-3.58	-4.10	-4.10	-3.93		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.02	0.03	0.03	38.25	ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.00	0.03	0.00	0.01	194.61	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				101		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	54-2	-0.38	0.00	-0.71	-0.36		ppb
Iron	56-2	0.40	0.25	0.26	0.30	27.63	ppb
Iron	57-2	-0.30	-0.87	-0.24	-0.47		ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	PBS 6020	Instrumnet Name :	P8
Client Sample ID :	PBS 6020	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:19:43	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.02	0.03	0.03	23.55	ppb
Lead	207-1	0.01	0.00	0.00	0.00	166.08	ppb
Lead	208-1	0.02	0.01	0.01	0.01	76.12	ppb
Lithium	6-1				104		%
Magnesium	24-2	0.04	-0.43	0.10	-0.10		ppb
Manganese	55-2	0.01	0.00	0.04	0.01	168.30	ppb
Molybdenum	94-1	0.02	0.02	0.01	0.01	38.59	ppb
Molybdenum	95-1	0.03	0.02	0.01	0.02	49.56	ppb
Molybdenum	96-1	0.03	0.03	0.02	0.03	15.30	ppb
Molybdenum	97-1	0.02	0.00	0.04	0.02	103.06	ppb
Molybdenum	98-1	0.05	0.01	0.02	0.03	69.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	0.01	0.00	251.38	ppb
Phosphorus	31-2	-3.47	-55.07	-51.65	-36.73		ppb
Potassium	39-2	6.52	4.35	-1.01	3.29	117.89	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	0.01	-0.25	0.01	-0.07		ppb
Selenium	77-2	-0.22	-0.22	-0.22	-0.22		ppb
Selenium	78-2	0.22	0.96	-0.25	0.31	198.30	ppb
Silicon	28-1	-1.27	0.24	0.50	-0.18		ppb
Silver	107-1	0.00	0.00	0.00	0.00	387.90	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	1.22	0.32	0.47	0.67	72.67	ppb
Strontium	86-1	-0.01	-0.01	-0.04	-0.02		ppb
Strontium	88-1	0.03	0.00	0.00	0.01	185.40	ppb
Sulfur	34-1	-394.18	68.46	-208.51	-178.08		ppb
Terbium	159-1				98		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.02	0.02	0.02	28.14	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	39.62	ppb
Tin	118-1	0.17	0.25	0.17	0.20	22.39	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	PBS 6020	Instrumnet Name :	P8
Client Sample ID :	PBS 6020	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:19:43	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.00	0.01	0.04	0.02	132.05	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	121.67	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				99		%
Zinc	66-2	0.12	-0.02	0.03	0.04	166.34	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	154.72	ppb
Zirconium	91-1	0.00	-0.01	0.01	0.00	3456.41	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	PBW 200.8	Instrumnet Name :	P8
Client Sample ID :	PBW 200.8	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:22:55	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.09	0.30	0.06	0.15	86.93	ppb
Antimony	121-1	0.01	0.00	0.00	0.01	85.32	ppb
Arsenic	75-2	0.00	0.00	0.03	0.01	132.54	ppb
Barium	135-1	0.01	0.01	0.02	0.01	42.26	ppb
Barium	137-1	0.01	0.01	0.01	0.01	13.81	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	27.73	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	10-1	3.40	3.53	3.27	3.40	3.83	ppb
Boron	11-1	3.66	3.59	3.41	3.55	3.73	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	0.00	0.03	0.00	1791.37	ppb
Cadmium	106-1	-0.89	-1.07	0.14	-0.61		ppb
Cadmium	108-1	-0.27	-0.57	-0.36	-0.40		ppb
Calcium	43-1	-1.10	-0.90	0.65	-0.45		ppb
Calcium	44-1	-3.11	-3.78	-3.75	-3.55		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.01	-0.01	-0.01		ppb
Cobalt	59-2	-0.01	-0.01	0.00	0.00		ppb
Copper	63-2	0.05	0.01	-0.05	0.00	2719.98	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				102		%
Indium	115-2				97		%
Iron	54-2	0.49	-0.20	-0.88	-0.19		ppb
Iron	56-2	0.63	0.55	-0.03	0.38	94.21	ppb
Iron	57-2	0.16	1.66	-0.21	0.54	184.56	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	PBW 200.8	Instrumnet Name :	P8
Client Sample ID :	PBW 200.8	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:22:55	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.03	0.03	10.03	ppb
Lead	207-1	0.00	-0.01	0.01	0.00		ppb
Lead	208-1	0.00	0.01	0.00	0.01	91.91	ppb
Lithium	6-1				102		%
Magnesium	24-2	1.00	0.62	-0.80	0.27	350.28	ppb
Manganese	55-2	0.03	0.03	-0.01	0.02	135.44	ppb
Molybdenum	94-1	0.02	0.01	0.01	0.01	63.70	ppb
Molybdenum	95-1	0.03	0.02	0.03	0.02	15.97	ppb
Molybdenum	96-1	0.01	0.04	0.04	0.03	50.51	ppb
Molybdenum	97-1	0.01	0.03	0.04	0.03	44.12	ppb
Molybdenum	98-1	0.03	0.01	0.03	0.02	37.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.02	-0.03	0.00		ppb
Phosphorus	31-2	-71.43	-4.86	-44.87	-40.39		ppb
Potassium	39-2	5.84	6.77	-4.78	2.61	245.98	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	0.09	-0.16	-0.21	-0.10		ppb
Selenium	77-2	-0.22	-0.22	-0.22	-0.22		ppb
Selenium	78-2	0.16	0.95	-0.62	0.16	486.40	ppb
Silicon	28-1	1.46	-0.08	-0.71	0.22	502.87	ppb
Silver	107-1	0.00	0.00	0.00	0.00	118.63	ppb
Silver	109-1	0.00	0.01	0.00	0.00	90.47	ppb
Sodium	23-2	4.67	4.65	3.58	4.30	14.46	ppb
Strontium	86-1	0.00	0.08	0.02	0.03	126.02	ppb
Strontium	88-1	0.03	0.02	0.02	0.03	17.30	ppb
Sulfur	34-1	103.92	-89.69	-420.72	-135.50		ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	0.02	0.02	0.02	0.02	13.89	ppb
Thallium	205-1	0.01	0.00	0.00	0.01	143.57	ppb
Tin	118-1	-0.11	-0.10	-0.07	-0.09		ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	PBW 200.8	Instrumnet Name :	P8
Client Sample ID :	PBW 200.8	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:22:55	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.02	0.00	0.00	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	66.19	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	148.44	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				101		%
Zinc	66-2	0.02	-0.03	-0.14	-0.05		ppb
Zirconium	90-1	0.00	0.00	0.01	0.01	86.07	ppb
Zirconium	91-1	-0.01	0.00	0.00	-0.01		ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	LCSW 6020	Instrumnet Name :	P8
Client Sample ID :	LCSW 6020	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:26:04	DataFile Name :	045LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10771.81	10817.67	10300.38	10629.95	2.69	ppb
Antimony	121-1	506.66	504.00	501.47	504.04	0.51	ppb
Arsenic	75-2	509.73	504.02	488.25	500.67	2.22	ppb
Barium	135-1	2408.42	2406.13	2395.65	2403.40	0.28	ppb
Barium	137-1	2488.39	2427.16	2446.13	2453.89	1.28	ppb
Beryllium	9-1	500.45	470.32	492.97	487.92	3.22	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	439.26	451.87	474.11	455.08	3.88	ppb
Boron	11-1	440.33	450.92	500.96	464.07	6.98	ppb
Bromine	81-1						cps
Cadmium	111-1	495.26	497.33	491.42	494.67	0.61	ppb
Cadmium	106-1	518.72	495.98	501.55	505.42	2.35	ppb
Cadmium	108-1	509.39	506.74	501.28	505.80	0.82	ppb
Calcium	43-1	58061.91	58682.01	57102.50	57948.81	1.37	ppb
Calcium	44-1	51744.14	53047.84	52652.48	52481.49	1.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	488.58	487.11	466.00	480.56	2.63	ppb
Cobalt	59-2	516.19	509.73	496.41	507.44	1.99	ppb
Copper	63-2	5179.19	5179.54	4927.34	5095.36	2.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	54-2	28193.35	28757.66	27553.89	28168.30	2.14	ppb
Iron	56-2	27920.20	27470.69	26690.59	27360.49	2.27	ppb
Iron	57-2	26389.15	26495.90	25529.15	26138.07	2.03	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	LCSW 6020	Instrumnet Name :	P8
Client Sample ID :	LCSW 6020	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:26:04	DataFile Name :	045LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2511.55	2463.29	2457.68	2477.51	1.20	ppb
Lead	207-1	2482.69	2440.76	2489.94	2471.13	1.07	ppb
Lead	208-1	2500.44	2478.78	2465.94	2481.72	0.70	ppb
Lithium	6-1				109		%
Magnesium	24-2	57488.49	57783.78	55499.74	56924.00	2.18	ppb
Manganese	55-2	5077.10	5044.91	4857.13	4993.04	2.38	ppb
Molybdenum	94-1	4873.39	5067.25	4928.08	4956.24	2.02	ppb
Molybdenum	95-1	4918.55	5130.60	4931.42	4993.52	2.38	ppb
Molybdenum	96-1	4899.31	5041.21	4918.96	4953.16	1.55	ppb
Molybdenum	97-1	4964.03	5032.55	4946.41	4981.00	0.91	ppb
Molybdenum	98-1	4773.64	5018.43	4805.72	4865.93	2.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.53	516.48	492.06	505.69	2.46	ppb
Phosphorus	31-2	10196.87	10381.91	9886.97	10155.25	2.46	ppb
Potassium	39-2	27252.90	26502.51	25417.71	26391.04	3.50	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				107		%
Scandium	45-2				102		%
Selenium	82-1	501.86	513.66	508.90	508.14	1.17	ppb
Selenium	77-2	538.24	515.49	509.39	521.04	2.92	ppb
Selenium	78-2	506.75	518.50	501.35	508.87	1.72	ppb
Silicon	28-1	516.08	530.18	506.63	517.63	2.29	ppb
Silver	107-1	525.69	512.91	509.38	515.99	1.66	ppb
Silver	109-1	515.79	516.30	505.92	512.67	1.14	ppb
Sodium	23-2	56073.87	55028.25	54446.51	55182.88	1.49	ppb
Strontium	86-1	12184.73	12579.25	12296.29	12353.42	1.65	ppb
Strontium	88-1	11985.01	12904.08	12203.88	12364.32	3.88	ppb
Sulfur	34-1	9518.44	10380.20	9342.20	9746.95	5.70	ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	506.80	505.17	503.04	505.00	0.37	ppb
Thallium	205-1	506.70	498.12	484.10	496.31	2.30	ppb
Tin	118-1	507.05	507.87	504.77	506.57	0.32	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	LCSW 6020	Instrumnet Name :	P8
Client Sample ID :	LCSW 6020	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:26:04	DataFile Name :	045LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4884.00	5215.37	4939.12	5012.83	3.54	ppb
Uranium	238-1	503.05	469.63	492.33	488.34	3.49	ppb
Vanadium	51-2	494.83	494.16	485.27	491.42	1.09	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	5296.42	5349.47	5151.16	5265.68	1.95	ppb
Zirconium	90-1	482.03	493.88	505.14	493.69	2.34	ppb
Zirconium	91-1	485.04	503.15	506.28	498.16	2.30	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	LCSS 6020	Instrumnet Name :	P8
Client Sample ID :	LCSS 6020	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:29:03	DataFile Name :	046LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11020.56	10769.07	10593.97	10794.53	1.99	ppb
Antimony	121-1	518.58	502.22	505.72	508.84	1.69	ppb
Arsenic	75-2	515.50	539.87	514.54	523.30	2.74	ppb
Barium	135-1	2551.74	2431.98	2513.80	2499.17	2.45	ppb
Barium	137-1	2492.03	2495.76	2494.03	2493.94	0.07	ppb
Beryllium	9-1	510.52	520.82	497.71	509.68	2.27	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	482.63	512.41	531.69	508.91	4.86	ppb
Boron	11-1	480.46	500.24	544.77	508.49	6.48	ppb
Bromine	81-1						cps
Cadmium	111-1	506.74	504.94	503.73	505.14	0.30	ppb
Cadmium	106-1	519.83	490.06	498.23	502.70	3.06	ppb
Cadmium	108-1	513.13	510.66	513.43	512.41	0.30	ppb
Calcium	43-1	59505.05	58300.31	57555.30	58453.55	1.68	ppb
Calcium	44-1	53838.41	52073.27	52541.63	52817.77	1.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	505.92	491.91	486.97	494.93	1.99	ppb
Cobalt	59-2	534.58	520.42	503.17	519.39	3.03	ppb
Copper	63-2	5339.40	5208.22	5166.63	5238.09	1.72	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				110		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				96		%
Iron	54-2	28682.43	28866.34	27922.39	28490.39	1.76	ppb
Iron	56-2	28412.09	28381.42	27547.17	28113.56	1.75	ppb
Iron	57-2	27349.52	26795.53	26318.85	26821.30	1.92	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	LCSS 6020	Instrumnet Name :	P8
Client Sample ID :	LCSS 6020	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:29:03	DataFile Name :	046LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2517.82	2469.96	2536.56	2508.11	1.37	ppb
Lead	207-1	2458.49	2450.36	2540.06	2482.97	2.00	ppb
Lead	208-1	2483.32	2498.18	2513.85	2498.45	0.61	ppb
Lithium	6-1				107		%
Magnesium	24-2	57630.43	56725.71	55512.31	56622.82	1.88	ppb
Manganese	55-2	5183.78	5107.80	5071.38	5120.99	1.12	ppb
Molybdenum	94-1	5182.22	5104.98	5162.63	5149.94	0.78	ppb
Molybdenum	95-1	5340.83	5040.61	5087.85	5156.43	3.13	ppb
Molybdenum	96-1	5276.78	4903.49	4916.19	5032.16	4.21	ppb
Molybdenum	97-1	5272.20	5081.32	5086.39	5146.64	2.11	ppb
Molybdenum	98-1	5192.76	5069.03	4868.94	5043.58	3.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	521.37	526.48	509.11	518.99	1.72	ppb
Phosphorus	31-2	10464.71	9890.83	9919.84	10091.79	3.20	ppb
Potassium	39-2	27297.96	26874.64	25740.48	26637.69	3.02	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				107		%
Scandium	45-2				102		%
Selenium	82-1	524.23	523.66	514.00	520.63	1.10	ppb
Selenium	77-2	523.30	524.01	499.74	515.68	2.68	ppb
Selenium	78-2	509.74	535.99	518.78	521.50	2.56	ppb
Silicon	28-1	533.75	529.28	511.44	524.82	2.25	ppb
Silver	107-1	521.88	509.92	520.44	517.41	1.26	ppb
Silver	109-1	530.02	525.27	528.74	528.01	0.47	ppb
Sodium	23-2	56658.73	54102.15	53217.46	54659.45	3.27	ppb
Strontium	86-1	12871.84	12817.44	12460.84	12716.71	1.76	ppb
Strontium	88-1	12974.39	12749.38	12403.64	12709.14	2.26	ppb
Sulfur	34-1	9884.29	9355.43	8743.88	9327.87	6.12	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	510.34	495.06	507.11	504.17	1.60	ppb
Thallium	205-1	495.33	477.14	492.19	488.22	1.99	ppb
Tin	118-1	521.90	512.10	517.36	517.12	0.95	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	LCSS 6020	Instrumnet Name :	P8
Client Sample ID :	LCSS 6020	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:29:03	DataFile Name :	046LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5107.47	4902.02	4970.68	4993.39	2.09	ppb
Uranium	238-1	476.25	484.72	486.20	482.39	1.11	ppb
Vanadium	51-2	506.71	489.15	491.31	495.72	1.93	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	5556.70	5260.06	5167.16	5327.97	3.82	ppb
Zirconium	90-1	514.59	511.92	511.32	512.61	0.34	ppb
Zirconium	91-1	535.41	513.72	501.19	516.77	3.35	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:36:05	DataFile Name :	048CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	56376.15	54203.16	52766.36	54448.55	3.34	ppb
Antimony	121-1	507.41	494.12	499.20	500.24	1.34	ppb
Arsenic	75-2	491.68	477.63	468.33	479.21	2.45	ppb
Barium	135-1	2543.79	2463.75	2514.01	2507.19	1.61	ppb
Barium	137-1	2562.77	2468.45	2482.92	2504.71	2.03	ppb
Beryllium	9-1	488.52	503.67	470.67	487.62	3.39	ppb
Bismuth	209-1				92		%
Bismuth	209-2				93		%
Boron	10-1	564.26	625.14	611.65	600.35	5.33	ppb
Boron	11-1	554.92	656.61	596.56	602.69	8.48	ppb
Bromine	81-1						cps
Cadmium	111-1	489.81	479.93	479.09	482.95	1.23	ppb
Cadmium	106-1	496.37	494.55	500.68	497.20	0.63	ppb
Cadmium	108-1	496.00	484.06	490.39	490.15	1.22	ppb
Calcium	43-1	253113.31	251679.35	235549.66	246780.77	3.95	ppb
Calcium	44-1	250574.97	251018.50	242119.47	247904.31	2.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	493.23	473.13	465.10	477.15	3.04	ppb
Cobalt	59-2	506.65	501.42	487.35	498.47	2.00	ppb
Copper	63-2	4950.28	4961.57	4639.20	4850.35	3.77	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				105		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	54-2	132147.86	129530.15	126555.06	129411.02	2.16	ppb
Iron	56-2	133730.05	132172.64	125629.51	130510.73	3.29	ppb
Iron	57-2	134874.52	131444.21	126223.37	130847.37	3.33	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:36:05	DataFile Name :	048CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2668.27	2629.64	2575.95	2624.62	1.77	ppb
Lead	207-1	2652.83	2665.89	2565.01	2627.91	2.09	ppb
Lead	208-1	2647.02	2623.74	2554.38	2608.38	1.85	ppb
Lithium	6-1				102		%
Magnesium	24-2	254527.30	256552.86	246756.55	252612.24	2.05	ppb
Manganese	55-2	5066.69	4953.24	4792.92	4937.62	2.79	ppb
Molybdenum	94-1	5093.32	5285.02	5082.60	5153.65	2.21	ppb
Molybdenum	95-1	5125.65	5160.04	5198.73	5161.47	0.71	ppb
Molybdenum	96-1	4981.93	5172.16	5158.18	5104.09	2.08	ppb
Molybdenum	97-1	5136.28	5206.92	5138.35	5160.52	0.78	ppb
Molybdenum	98-1	4882.72	5170.25	5002.11	5018.36	2.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	529.55	516.77	496.06	514.12	3.29	ppb
Phosphorus	31-2	10317.61	9829.55	9778.80	9975.32	2.98	ppb
Potassium	39-2	133129.52	130394.17	126251.26	129924.98	2.67	ppb
Rhodium	103-1				90		%
Rhodium	103-2				92		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	503.04	511.80	505.20	506.68	0.90	ppb
Selenium	77-2	488.87	499.22	501.61	496.57	1.36	ppb
Selenium	78-2	509.48	507.60	488.56	501.88	2.31	ppb
Silicon	28-1	825.32	840.18	768.86	811.45	4.64	ppb
Silver	107-1	495.60	495.06	491.86	494.17	0.41	ppb
Silver	109-1	512.43	482.75	490.13	495.10	3.12	ppb
Sodium	23-2	272560.91	270645.02	261671.92	268292.62	2.17	ppb
Strontium	86-1	12494.02	12844.58	12810.43	12716.34	1.52	ppb
Strontium	88-1	12839.86	12736.33	12758.18	12778.13	0.43	ppb
Sulfur	34-1	9683.05	9849.51	9137.58	9556.71	3.90	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	533.45	540.87	519.88	531.40	2.00	ppb
Thallium	205-1	518.81	525.99	509.46	518.09	1.60	ppb
Tin	118-1	515.74	504.37	507.83	509.31	1.14	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:36:05	DataFile Name :	048CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5208.33	5210.59	4887.72	5102.21	3.64	ppb
Uranium	238-1	511.86	536.83	527.99	525.56	2.41	ppb
Vanadium	51-2	504.01	489.08	480.14	491.07	2.46	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				100		%
Zinc	66-2	4805.10	4846.60	4563.07	4738.26	3.23	ppb
Zirconium	90-1	506.48	520.20	513.40	513.36	1.34	ppb
Zirconium	91-1	526.09	518.96	520.43	521.83	0.72	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:39:01	DataFile Name :	049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.13	0.56	-0.07	0.21	154.24	ppb
Antimony	121-1	0.24	0.29	0.42	0.32	30.17	ppb
Arsenic	75-2	0.09	0.07	0.03	0.06	53.68	ppb
Barium	135-1	0.04	0.06	0.05	0.05	19.70	ppb
Barium	137-1	0.04	0.02	0.07	0.04	57.62	ppb
Beryllium	9-1	0.05	0.05	0.05	0.05	6.18	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Boron	10-1	62.04	55.27	51.74	56.35	9.28	ppb
Boron	11-1	66.73	59.76	54.07	60.19	10.53	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	0.02	0.12	0.04	193.61	ppb
Cadmium	106-1	-1.86	-1.63	0.80	-0.90		ppb
Cadmium	108-1	-0.24	-0.57	-0.52	-0.45		ppb
Calcium	43-1	2.72	1.49	3.91	2.71	44.68	ppb
Calcium	44-1	-1.77	-2.59	-0.62	-1.66		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.06	0.05	0.03	135.41	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.09	0.14	0.15	0.12	23.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	54-2	-0.60	0.76	2.01	0.72	180.07	ppb
Iron	56-2	0.75	1.25	1.04	1.01	24.52	ppb
Iron	57-2	-1.38	1.96	-0.50	0.03	6689.90	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:39:01	DataFile Name :	049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.10	0.10	0.10	0.10	4.13	ppb
Lead	207-1	0.04	0.03	0.08	0.05	56.53	ppb
Lead	208-1	0.06	0.06	0.08	0.07	20.40	ppb
Lithium	6-1				110		%
Magnesium	24-2	1.14	1.82	1.01	1.33	32.96	ppb
Manganese	55-2	0.05	0.06	0.04	0.05	20.22	ppb
Molybdenum	94-1	1.08	0.99	0.96	1.01	6.52	ppb
Molybdenum	95-1	1.35	1.29	1.08	1.24	11.10	ppb
Molybdenum	96-1	1.28	1.09	1.04	1.14	10.82	ppb
Molybdenum	97-1	1.34	1.06	1.17	1.19	11.74	ppb
Molybdenum	98-1	1.29	1.13	1.08	1.16	9.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.02	-0.01	-0.01		ppb
Phosphorus	31-2	-89.68	-63.42	-27.47	-60.19		ppb
Potassium	39-2	15.34	18.44	19.37	17.71	11.90	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				99		%
Selenium	82-1	0.11	0.21	0.05	0.12	63.20	ppb
Selenium	77-2	1.80	1.12	-0.22	0.90	113.98	ppb
Selenium	78-2	0.55	-0.11	-0.54	-0.03		ppb
Silicon	28-1	2.05	0.70	-1.11	0.55	289.09	ppb
Silver	107-1	0.03	0.02	0.02	0.03	32.76	ppb
Silver	109-1	0.04	0.03	0.03	0.03	15.18	ppb
Sodium	23-2	40.93	41.29	35.90	39.37	7.66	ppb
Strontium	86-1	0.17	0.14	0.22	0.18	22.59	ppb
Strontium	88-1	0.14	0.13	0.26	0.18	38.99	ppb
Sulfur	34-1	-1316.63	-1524.70	-1667.59	-1502.98		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.07	0.08	0.07	0.08	10.33	ppb
Thallium	205-1	0.06	0.05	0.05	0.06	13.02	ppb
Tin	118-1	-0.08	-0.11	-0.15	-0.11		ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:39:01	DataFile Name :	049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.05	0.02	0.03	0.03	56.02	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	25.80	ppb
Vanadium	51-2	0.00	0.02	0.01	0.01	113.94	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	0.03	-0.17	0.08	-0.02		ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	27.76	ppb
Zirconium	91-1	0.02	0.01	0.02	0.02	50.65	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	LCSW 200.8	Instrumnet Name :	P8
Client Sample ID :	LCSW 200.8	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:55:54	DataFile Name :	053LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9998.91	10009.46	9701.45	9903.27	1.77	ppb
Antimony	121-1	475.82	489.08	486.94	483.95	1.47	ppb
Arsenic	75-2	480.68	494.16	467.07	480.64	2.82	ppb
Barium	135-1	2355.37	2404.10	2316.92	2358.80	1.85	ppb
Barium	137-1	2363.35	2299.76	2368.62	2343.91	1.64	ppb
Beryllium	9-1	447.65	469.03	470.01	462.23	2.73	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Boron	10-1	453.91	492.83	491.20	479.31	4.59	ppb
Boron	11-1	468.50	498.51	490.01	485.67	3.19	ppb
Bromine	81-1						cps
Cadmium	111-1	473.78	466.72	474.82	471.77	0.93	ppb
Cadmium	106-1	477.90	471.10	477.29	475.43	0.79	ppb
Cadmium	108-1	481.06	472.58	492.58	482.07	2.08	ppb
Calcium	43-1	53624.56	52942.03	52653.51	53073.36	0.94	ppb
Calcium	44-1	50313.89	50276.55	47862.31	49484.25	2.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	460.47	453.19	451.96	455.20	1.01	ppb
Cobalt	59-2	497.03	455.66	478.77	477.15	4.34	ppb
Copper	63-2	4860.58	4943.39	4839.29	4881.09	1.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				113		%
Indium	115-1				109		%
Indium	115-2				104		%
Iron	54-2	26583.51	26647.48	26226.03	26485.68	0.86	ppb
Iron	56-2	25737.60	25609.94	24498.23	25281.92	2.70	ppb
Iron	57-2	24969.47	25324.57	24367.18	24887.07	1.94	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	LCSW 200.8	Instrumnet Name :	P8
Client Sample ID :	LCSW 200.8	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:55:54	DataFile Name :	053LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2301.85	2317.32	2280.54	2299.90	0.80	ppb
Lead	207-1	2301.79	2274.43	2324.94	2300.39	1.10	ppb
Lead	208-1	2334.36	2339.29	2321.93	2331.86	0.38	ppb
Lithium	6-1				114		%
Magnesium	24-2	52718.12	51816.38	51221.74	51918.75	1.45	ppb
Manganese	55-2	4722.37	4861.35	4616.42	4733.38	2.60	ppb
Molybdenum	94-1	4552.78	4659.56	4771.57	4661.30	2.35	ppb
Molybdenum	95-1	4550.24	4724.39	4849.91	4708.18	3.20	ppb
Molybdenum	96-1	4455.03	4562.01	4693.02	4570.02	2.61	ppb
Molybdenum	97-1	4478.27	4743.03	4773.95	4665.08	3.48	ppb
Molybdenum	98-1	4580.16	4632.76	4822.16	4678.36	2.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	480.01	482.37	472.47	478.28	1.08	ppb
Phosphorus	31-2	9646.05	9438.83	9235.26	9440.05	2.18	ppb
Potassium	39-2	25191.63	25070.44	24539.51	24933.86	1.39	ppb
Rhodium	103-1				105		%
Rhodium	103-2				108		%
Scandium	45-1				113		%
Scandium	45-2				110		%
Selenium	82-1	460.26	468.37	486.81	471.81	2.88	ppb
Selenium	77-2	478.85	478.95	442.54	466.78	4.50	ppb
Selenium	78-2	470.46	487.93	461.40	473.26	2.85	ppb
Silicon	28-1	489.07	466.69	462.25	472.67	3.04	ppb
Silver	107-1	505.32	482.95	505.68	497.98	2.61	ppb
Silver	109-1	494.05	483.94	489.70	489.23	1.04	ppb
Sodium	23-2	49890.25	51249.03	49482.00	50207.09	1.84	ppb
Strontium	86-1	11492.44	11378.54	11846.40	11572.46	2.11	ppb
Strontium	88-1	11312.22	11854.81	11780.54	11649.19	2.53	ppb
Sulfur	34-1	8422.28	7599.92	7539.24	7853.81	6.28	ppb
Terbium	159-1				110		%
Terbium	159-2				111		%
Thallium	203-1	467.68	471.93	474.69	471.44	0.75	ppb
Thallium	205-1	468.46	465.37	465.09	466.31	0.40	ppb
Tin	118-1	493.81	495.24	481.38	490.14	1.56	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	LCSW 200.8	Instrumnet Name :	P8
Client Sample ID :	LCSW 200.8	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:55:54	DataFile Name :	053LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4726.62	4730.44	4603.72	4686.93	1.54	ppb
Uranium	238-1	462.64	455.59	448.54	455.59	1.55	ppb
Vanadium	51-2	460.03	459.22	448.96	456.07	1.35	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				110		%
Zinc	66-2	4756.62	4972.83	5029.31	4919.59	2.93	ppb
Zirconium	90-1	450.38	471.20	471.45	464.35	2.60	ppb
Zirconium	91-1	464.83	478.22	483.53	475.53	2.03	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:58:51	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55181.09	55822.01	53749.73	54917.61	1.93	ppb
Antimony	121-1	480.42	496.61	486.69	487.91	1.67	ppb
Arsenic	75-2	484.14	459.63	474.95	472.90	2.62	ppb
Barium	135-1	2471.64	2476.04	2503.54	2483.74	0.70	ppb
Barium	137-1	2426.33	2501.23	2476.19	2467.92	1.55	ppb
Beryllium	9-1	493.07	492.67	478.54	488.10	1.70	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Boron	10-1	604.68	610.71	618.87	611.42	1.16	ppb
Boron	11-1	631.71	625.16	659.97	638.95	2.90	ppb
Bromine	81-1						cps
Cadmium	111-1	465.14	479.36	474.07	472.86	1.52	ppb
Cadmium	106-1	468.09	501.14	480.58	483.27	3.45	ppb
Cadmium	108-1	467.96	490.85	482.46	480.42	2.41	ppb
Calcium	43-1	252609.85	250900.98	250734.72	251415.18	0.41	ppb
Calcium	44-1	249232.43	251382.77	242022.82	247546.01	1.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	495.06	474.89	463.21	477.72	3.37	ppb
Cobalt	59-2	513.14	499.98	495.11	502.74	1.86	ppb
Copper	63-2	5040.18	5014.25	4795.62	4950.02	2.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				99		%
Iron	54-2	137605.66	128503.52	126751.06	130953.41	4.45	ppb
Iron	56-2	134479.88	129448.91	124128.56	129352.45	4.00	ppb
Iron	57-2	139993.79	133288.51	128146.12	133809.47	4.44	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:58:51	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2634.60	2578.09	2586.76	2599.82	1.17	ppb
Lead	207-1	2596.86	2583.50	2627.59	2602.65	0.87	ppb
Lead	208-1	2598.77	2557.05	2573.30	2576.37	0.82	ppb
Lithium	6-1				107		%
Magnesium	24-2	262923.00	258327.99	247878.81	256376.60	3.01	ppb
Manganese	55-2	5137.00	4870.84	4726.85	4911.56	4.24	ppb
Molybdenum	94-1	5073.14	5064.03	5004.51	5047.23	0.74	ppb
Molybdenum	95-1	5100.27	5080.09	4978.07	5052.81	1.30	ppb
Molybdenum	96-1	4897.56	5054.28	4933.05	4961.63	1.66	ppb
Molybdenum	97-1	4995.89	5165.54	4975.05	5045.49	2.07	ppb
Molybdenum	98-1	4990.90	4983.43	4923.72	4966.02	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	542.45	519.85	502.62	521.64	3.83	ppb
Phosphorus	31-2	10436.51	10105.37	9778.79	10106.89	3.25	ppb
Potassium	39-2	136189.74	136216.47	128257.65	133554.62	3.43	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				109		%
Scandium	45-2				107		%
Selenium	82-1	496.43	483.57	489.97	489.99	1.31	ppb
Selenium	77-2	488.30	446.56	491.29	475.39	5.26	ppb
Selenium	78-2	484.87	483.30	492.48	486.89	1.01	ppb
Silicon	28-1	814.35	809.82	803.62	809.27	0.67	ppb
Silver	107-1	466.62	501.62	480.06	482.77	3.66	ppb
Silver	109-1	471.85	477.11	485.98	478.31	1.49	ppb
Sodium	23-2	272154.35	273889.35	257844.35	267962.68	3.29	ppb
Strontium	86-1	12504.61	12342.04	12645.03	12497.23	1.21	ppb
Strontium	88-1	12644.47	12356.31	12319.77	12440.18	1.43	ppb
Sulfur	34-1	9062.90	8993.12	8623.21	8893.08	2.66	ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	535.80	528.26	515.85	526.64	1.91	ppb
Thallium	205-1	526.63	517.40	517.01	520.35	1.05	ppb
Tin	118-1	503.41	490.44	490.24	494.70	1.53	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:58:51	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5109.70	4975.35	5044.81	5043.29	1.33	ppb
Uranium	238-1	532.95	522.09	525.42	526.82	1.06	ppb
Vanadium	51-2	507.87	487.17	477.69	490.91	3.14	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				109		%
Zinc	66-2	5010.13	4818.04	4735.04	4854.40	2.91	ppb
Zirconium	90-1	511.43	514.58	511.22	512.41	0.37	ppb
Zirconium	91-1	509.56	525.11	514.41	516.36	1.54	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 15:07:18	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.08	0.07	3.13	1.09	161.46	ppb
Antimony	121-1	0.06	0.09	0.15	0.10	48.65	ppb
Arsenic	75-2	0.05	0.01	0.07	0.04	70.01	ppb
Barium	135-1	0.00	0.02	0.00	0.01	153.91	ppb
Barium	137-1	0.02	0.00	0.02	0.01	68.16	ppb
Beryllium	9-1	0.04	0.04	0.03	0.04	9.32	ppb
Bismuth	209-1				106		%
Bismuth	209-2				113		%
Boron	10-1	26.22	26.06	24.65	25.64	3.36	ppb
Boron	11-1	28.37	26.35	26.01	26.91	4.74	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	-0.01	-0.02	-0.02		ppb
Cadmium	106-1	-1.88	-1.46	-1.35	-1.56		ppb
Cadmium	108-1	-0.48	-0.44	-0.27	-0.40		ppb
Calcium	43-1	1.05	-0.31	-0.33	0.14	578.99	ppb
Calcium	44-1	-4.76	-5.17	-5.13	-5.02		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.01	0.05	0.00	845.37	ppb
Cobalt	59-2	-0.01	0.00	0.03	0.01	259.73	ppb
Copper	63-2	0.11	0.04	0.45	0.20	111.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				113		%
Indium	115-1				106		%
Indium	115-2				108		%
Iron	54-2	-1.31	-0.51	5.92	1.37	289.43	ppb
Iron	56-2	0.12	0.50	6.47	2.36	150.87	ppb
Iron	57-2	0.32	-0.93	3.25	0.88	244.54	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 15:07:18	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.07	0.04	0.05	27.26	ppb
Lead	207-1	0.07	0.06	0.03	0.05	39.77	ppb
Lead	208-1	0.04	0.06	0.03	0.05	27.81	ppb
Lithium	6-1				110		%
Magnesium	24-2	-0.37	0.72	15.76	5.37	167.90	ppb
Manganese	55-2	-0.01	0.07	0.49	0.19	145.96	ppb
Molybdenum	94-1	0.29	0.26	0.26	0.27	6.56	ppb
Molybdenum	95-1	0.39	0.34	0.32	0.35	9.85	ppb
Molybdenum	96-1	0.36	0.28	0.27	0.30	16.28	ppb
Molybdenum	97-1	0.34	0.35	0.25	0.31	16.88	ppb
Molybdenum	98-1	0.34	0.31	0.29	0.31	7.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.00	0.04	0.01	550.92	ppb
Phosphorus	31-2	-97.95	-113.25	-119.25	-110.15		ppb
Potassium	39-2	-3.08	-4.46	-4.87	-4.14		ppb
Rhodium	103-1				103		%
Rhodium	103-2				114		%
Scandium	45-1				108		%
Scandium	45-2				111		%
Selenium	82-1	0.35	-0.05	-0.07	0.07	321.07	ppb
Selenium	77-2	-0.22	-0.22	-0.22	-0.22		ppb
Selenium	78-2	0.41	-0.29	-0.84	-0.24		ppb
Silicon	28-1	-1.04	-1.18	-1.32	-1.18		ppb
Silver	107-1	0.01	0.01	0.01	0.01	3.21	ppb
Silver	109-1	0.00	0.01	0.00	0.01	84.53	ppb
Sodium	23-2	19.47	17.81	27.36	21.55	23.68	ppb
Strontium	86-1	0.05	-0.01	-0.05	0.00		ppb
Strontium	88-1	0.03	0.02	0.02	0.02	39.05	ppb
Sulfur	34-1	-1325.24	-1291.20	-1345.77	-1320.74		ppb
Terbium	159-1				104		%
Terbium	159-2				111		%
Thallium	203-1	0.05	0.05	0.05	0.05	7.57	ppb
Thallium	205-1	0.04	0.05	0.05	0.05	4.78	ppb
Tin	118-1	-0.11	-0.06	-0.07	-0.08		ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 15:07:18	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.01	-0.04	0.00	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	259.55	ppb
Vanadium	51-2	0.00	0.00	0.04	0.01	172.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				110		%
Zinc	66-2	-0.14	0.02	0.23	0.04	496.23	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	66.66	ppb
Zirconium	91-1	0.00	0.01	0.00	0.00	286.52	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4207-01	Instrumnet Name :	P8
Client Sample ID :	MW-101	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 15:10:27	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.46	5.79	6.21	6.15	5.45	ppb
Antimony	121-1	0.15	0.17	0.16	0.16	8.35	ppb
Arsenic	75-2	0.17	0.10	0.16	0.14	26.05	ppb
Barium	135-1	21.42	27.62	22.85	23.96	13.55	ppb
Barium	137-1	21.37	27.61	22.92	23.97	13.57	ppb
Beryllium	9-1	0.04	0.04	0.04	0.04	7.63	ppb
Bismuth	209-1				95		%
Bismuth	209-2				106		%
Boron	10-1	31.00	38.81	31.49	33.77	12.95	ppb
Boron	11-1	33.08	42.31	34.33	36.57	13.69	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.08	-0.02	-0.09	-0.07		ppb
Cadmium	106-1	-3.17	-1.88	-3.65	-2.90		ppb
Cadmium	108-1	-0.61	-0.75	-0.71	-0.69		ppb
Calcium	43-1	65316.11	81322.20	67772.93	71470.41	12.06	ppb
Calcium	44-1	63834.89	79909.79	67677.07	70473.91	11.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.95	0.96	0.91	0.94	2.83	ppb
Cobalt	59-2	0.07	0.06	0.06	0.06	7.04	ppb
Copper	63-2	15.76	15.24	15.26	15.42	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				101		%
Holmium	165-2				109		%
Indium	115-1				99		%
Indium	115-2				103		%
Iron	54-2	87.73	88.95	86.56	87.75	1.36	ppb
Iron	56-2	89.68	85.27	86.87	87.27	2.56	ppb
Iron	57-2	175.01	172.13	176.61	174.58	1.30	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4207-01	Instrumnet Name :	P8
Client Sample ID :	MW-101	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 15:10:27	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5.24	6.27	5.14	5.55	11.23	ppb
Lead	207-1	4.72	5.93	4.61	5.09	14.47	ppb
Lead	208-1	4.92	5.96	4.87	5.25	11.72	ppb
Lithium	6-1				101		%
Magnesium	24-2	23927.71	23594.97	21762.58	23095.08	5.05	ppb
Manganese	55-2	5.00	4.78	4.60	4.79	4.15	ppb
Molybdenum	94-1	0.78	1.07	0.75	0.87	20.19	ppb
Molybdenum	95-1	0.89	1.05	0.93	0.96	8.51	ppb
Molybdenum	96-1	0.88	1.04	0.89	0.94	9.48	ppb
Molybdenum	97-1	0.87	1.11	0.98	0.99	12.31	ppb
Molybdenum	98-1	0.91	1.13	0.92	0.99	12.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.71	11.06	10.88	11.22	3.89	ppb
Phosphorus	31-2	-72.60	-33.87	-85.14	-63.87		ppb
Potassium	39-2	1060.57	1014.62	990.80	1021.99	3.47	ppb
Rhodium	103-1				93		%
Rhodium	103-2				107		%
Scandium	45-1				100		%
Scandium	45-2				108		%
Selenium	82-1	0.77	0.60	0.62	0.66	14.49	ppb
Selenium	77-2	-0.22	-0.22	-0.22	-0.22		ppb
Selenium	78-2	0.39	1.03	0.50	0.64	53.50	ppb
Silicon	28-1	1030.34	1302.79	1097.38	1143.51	12.41	ppb
Silver	107-1	0.37	0.53	0.45	0.45	17.41	ppb
Silver	109-1	0.41	0.55	0.38	0.45	20.63	ppb
Sodium	23-2	60371.75	59169.14	58620.99	59387.29	1.51	ppb
Strontium	86-1	154.17	195.41	158.77	169.45	13.34	ppb
Strontium	88-1	156.97	200.79	162.90	173.55	13.70	ppb
Sulfur	34-1	10074.08	14358.53	10974.91	11802.51	19.14	ppb
Terbium	159-1				98		%
Terbium	159-2				109		%
Thallium	203-1	0.10	0.12	0.09	0.10	14.89	ppb
Thallium	205-1	0.07	0.09	0.07	0.08	11.35	ppb
Tin	118-1	0.47	0.79	0.57	0.61	26.28	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4207-01	Instrumnet Name :	P8
Client Sample ID :	MW-101	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 15:10:27	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.46	0.80	0.70	0.65	27.16	ppb
Uranium	238-1	0.25	0.31	0.26	0.27	10.35	ppb
Vanadium	51-2	0.08	0.10	0.07	0.08	14.71	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				107		%
Zinc	66-2	2.50	2.69	2.55	2.58	3.72	ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	14.35	ppb
Zirconium	91-1	0.00	0.03	0.03	0.02	81.23	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4207-01DUP	Instrumnet Name :	P8
Client Sample ID :	MW-101DUP	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 15:13:31	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.32	6.83	6.52	6.56	3.91	ppb
Antimony	121-1	0.13	0.11	0.14	0.13	8.65	ppb
Arsenic	75-2	0.16	0.13	0.16	0.15	10.51	ppb
Barium	135-1	21.53	21.11	21.46	21.37	1.05	ppb
Barium	137-1	22.47	20.86	20.62	21.32	4.72	ppb
Beryllium	9-1	0.04	0.03	0.03	0.03	12.89	ppb
Bismuth	209-1				105		%
Bismuth	209-2				109		%
Boron	10-1	27.10	26.51	27.02	26.88	1.20	ppb
Boron	11-1	28.64	27.76	29.17	28.52	2.51	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.08	-0.01	0.00	-0.03		ppb
Cadmium	106-1	-3.27	-1.52	-1.53	-2.11		ppb
Cadmium	108-1	-0.75	-0.78	-0.63	-0.72		ppb
Calcium	43-1	67010.99	64841.07	60395.51	64082.52	5.26	ppb
Calcium	44-1	64462.08	64170.30	59403.73	62678.71	4.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.67	0.63	0.67	0.66	3.42	ppb
Cobalt	59-2	0.06	0.08	0.05	0.06	23.44	ppb
Copper	63-2	15.39	15.46	15.13	15.33	1.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				113		%
Indium	115-1				110		%
Indium	115-2				108		%
Iron	54-2	86.52	85.53	84.59	85.55	1.13	ppb
Iron	56-2	84.79	85.15	81.59	83.85	2.33	ppb
Iron	57-2	171.13	175.02	178.61	174.92	2.14	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4207-01DUP	Instrumnet Name :	P8
Client Sample ID :	MW-101DUP	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 15:13:31	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5.51	4.99	4.86	5.12	6.70	ppb
Lead	207-1	4.93	4.47	4.51	4.63	5.49	ppb
Lead	208-1	5.04	4.69	4.54	4.76	5.36	ppb
Lithium	6-1				115		%
Magnesium	24-2	21583.21	23015.31	22052.46	22217.00	3.29	ppb
Manganese	55-2	4.70	4.68	4.68	4.69	0.22	ppb
Molybdenum	94-1	0.68	0.62	0.68	0.66	5.14	ppb
Molybdenum	95-1	0.82	0.81	0.78	0.80	2.76	ppb
Molybdenum	96-1	0.75	0.74	0.75	0.75	1.09	ppb
Molybdenum	97-1	0.86	0.83	0.74	0.81	7.94	ppb
Molybdenum	98-1	0.86	0.74	0.72	0.78	9.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.69	11.16	10.39	10.75	3.58	ppb
Phosphorus	31-2	-89.21	-47.44	-85.79	-74.15		ppb
Potassium	39-2	1001.07	980.60	993.53	991.73	1.04	ppb
Rhodium	103-1				106		%
Rhodium	103-2				112		%
Scandium	45-1				114		%
Scandium	45-2				112		%
Selenium	82-1	-0.03	0.52	0.04	0.18	170.33	ppb
Selenium	77-2	0.36	1.53	-0.22	0.56	159.12	ppb
Selenium	78-2	0.12	-0.02	-0.59	-0.16		ppb
Silicon	28-1	1077.93	1032.50	963.16	1024.53	5.64	ppb
Silver	107-1	0.37	0.46	0.39	0.41	11.68	ppb
Silver	109-1	0.43	0.43	0.36	0.41	9.99	ppb
Sodium	23-2	57771.93	59093.88	57459.86	58108.56	1.49	ppb
Strontium	86-1	157.61	153.41	145.74	152.25	3.96	ppb
Strontium	88-1	161.04	156.95	149.18	155.72	3.87	ppb
Sulfur	34-1	10928.10	10048.58	9117.42	10031.37	9.03	ppb
Terbium	159-1				111		%
Terbium	159-2				112		%
Thallium	203-1	0.11	0.09	0.08	0.09	16.23	ppb
Thallium	205-1	0.08	0.06	0.07	0.07	9.54	ppb
Tin	118-1	0.50	0.40	0.44	0.45	11.21	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4207-01DUP	Instrumnet Name :	P8
Client Sample ID :	MW-101DUP	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 15:13:31	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.61	0.55	0.59	0.58	5.94	ppb
Uranium	238-1	0.27	0.25	0.24	0.25	6.58	ppb
Vanadium	51-2	0.08	0.10	0.10	0.10	12.40	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				112		%
Zinc	66-2	3.96	3.99	3.63	3.86	5.12	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	35.60	ppb
Zirconium	91-1	0.04	0.04	-0.01	0.02	105.64	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4207-01LX5	Instrumnet Name :	P8
Client Sample ID :	MW-101L	Dilution Factor :	5
Date & Time Acquired :	2022-08-30 15:16:33	DataFile Name :	058AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.15	7.50	7.29	7.65	5.89	ppb
Antimony	121-1	0.03	0.04	0.06	0.04	29.68	ppb
Arsenic	75-2	0.03	0.04	0.03	0.03	14.38	ppb
Barium	135-1	4.32	4.11	4.19	4.20	2.56	ppb
Barium	137-1	3.97	4.05	4.32	4.11	4.48	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	2.41	ppb
Bismuth	209-1				116		%
Bismuth	209-2				105		%
Boron	10-1	14.21	13.18	14.40	13.93	4.70	ppb
Boron	11-1	15.03	14.31	14.56	14.63	2.49	ppb
Bromine	81-1						cps
Cadmium	111-1	0.04	0.05	0.07	0.05	28.37	ppb
Cadmium	106-1	-0.16	-0.28	0.37	-0.02		ppb
Cadmium	108-1	-0.58	-0.77	-0.78	-0.71		ppb
Calcium	43-1	11453.20	11544.16	12167.08	11721.48	3.32	ppb
Calcium	44-1	11667.11	11559.94	12107.52	11778.19	2.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.16	0.30	0.19	0.22	34.41	ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	126.55	ppb
Copper	63-2	3.48	3.36	2.98	3.27	7.85	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				118		%
Holmium	165-2				105		%
Indium	115-1				117		%
Indium	115-2				102		%
Iron	54-2	19.39	22.14	18.55	20.03	9.39	ppb
Iron	56-2	20.69	20.32	17.75	19.59	8.19	ppb
Iron	57-2	39.92	35.99	36.96	37.62	5.44	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4207-01LX5	Instrumnet Name :	P8
Client Sample ID :	MW-101L	Dilution Factor :	5
Date & Time Acquired :	2022-08-30 15:16:33	DataFile Name :	058AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.01	0.97	0.89	0.96	6.89	ppb
Lead	207-1	0.91	0.80	0.94	0.88	8.25	ppb
Lead	208-1	0.92	0.87	0.89	0.89	2.62	ppb
Lithium	6-1				119		%
Magnesium	24-2	4798.26	4834.26	4087.18	4573.24	9.21	ppb
Manganese	55-2	0.98	1.05	0.89	0.97	7.91	ppb
Molybdenum	94-1	0.12	0.18	0.16	0.15	18.84	ppb
Molybdenum	95-1	0.23	0.20	0.22	0.22	7.89	ppb
Molybdenum	96-1	0.21	0.19	0.18	0.19	7.96	ppb
Molybdenum	97-1	0.22	0.22	0.22	0.22	0.80	ppb
Molybdenum	98-1	0.19	0.18	0.21	0.19	8.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.64	2.41	2.13	2.39	10.59	ppb
Phosphorus	31-2	-113.74	-50.11	-85.36	-83.07		ppb
Potassium	39-2	223.67	227.22	193.14	214.68	8.73	ppb
Rhodium	103-1				113		%
Rhodium	103-2				105		%
Scandium	45-1				118		%
Scandium	45-2				103		%
Selenium	82-1	0.12	0.14	-0.08	0.06	214.91	ppb
Selenium	77-2	0.44	-0.22	-0.22	0.00	44656.07	ppb
Selenium	78-2	0.65	0.39	0.13	0.39	67.31	ppb
Silicon	28-1	181.16	182.63	197.50	187.10	4.83	ppb
Silver	107-1	0.08	0.08	0.09	0.08	6.35	ppb
Silver	109-1	0.08	0.08	0.08	0.08	3.70	ppb
Sodium	23-2	12638.77	12521.47	10956.65	12038.97	7.80	ppb
Strontium	86-1	28.21	28.26	28.56	28.35	0.66	ppb
Strontium	88-1	28.04	27.99	29.02	28.35	2.05	ppb
Sulfur	34-1	1164.93	1190.93	1805.26	1387.04	26.13	ppb
Terbium	159-1				113		%
Terbium	159-2				106		%
Thallium	203-1	0.05	0.05	0.06	0.06	13.90	ppb
Thallium	205-1	0.03	0.04	0.04	0.04	12.85	ppb
Tin	118-1	-0.03	0.01	0.06	0.01	331.87	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4207-01LX5	Instrumnet Name :	P8
Client Sample ID :	MW-101L	Dilution Factor :	5
Date & Time Acquired :	2022-08-30 15:16:33	DataFile Name :	058AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.10	0.12	0.18	0.14	29.82	ppb
Uranium	238-1	0.04	0.05	0.05	0.05	7.78	ppb
Vanadium	51-2	0.03	0.03	0.02	0.03	18.93	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				105		%
Zinc	66-2	0.56	0.71	0.44	0.57	24.17	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	164.43	ppb
Zirconium	91-1	0.01	-0.01	0.00	0.00		ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4207-01MS	Instrumnet Name :	P8
Client Sample ID :	MW-101MS	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 15:19:41	DataFile Name :	059AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11108.90	10821.67	10623.57	10851.38	2.25	ppb
Antimony	121-1	497.98	484.88	489.89	490.92	1.35	ppb
Arsenic	75-2	520.55	513.87	521.83	518.75	0.82	ppb
Barium	135-1	2493.45	2371.87	2407.94	2424.42	2.58	ppb
Barium	137-1	2415.08	2341.81	2463.27	2406.72	2.54	ppb
Beryllium	9-1	463.73	464.74	474.57	467.68	1.28	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	352.92	366.58	398.82	372.77	6.32	ppb
Boron	11-1	362.24	387.25	394.72	381.40	4.46	ppb
Bromine	81-1						cps
Cadmium	111-1	494.61	476.26	487.61	486.16	1.90	ppb
Cadmium	106-1	481.51	485.93	493.67	487.04	1.26	ppb
Cadmium	108-1	470.87	468.77	483.93	474.53	1.73	ppb
Calcium	43-1	97154.04	101710.20	99713.70	99525.98	2.29	ppb
Calcium	44-1	98041.96	100634.28	102169.14	100281.79	2.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	492.97	480.56	480.82	484.78	1.46	ppb
Cobalt	59-2	537.01	501.23	504.36	514.20	3.85	ppb
Copper	63-2	5786.90	5460.63	5552.28	5599.94	3.00	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				112		%
Holmium	165-2				109		%
Indium	115-1				107		%
Indium	115-2				100		%
Iron	54-2	28196.66	28365.94	28289.94	28284.18	0.30	ppb
Iron	56-2	27670.20	27483.32	26916.82	27356.78	1.43	ppb
Iron	57-2	26923.68	26100.96	26128.57	26384.41	1.77	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4207-01MS	Instrumnet Name :	P8
Client Sample ID :	MW-101MS	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 15:19:41	DataFile Name :	059AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2410.42	2391.78	2463.76	2421.99	1.54	ppb
Lead	207-1	2410.42	2385.77	2525.25	2440.48	3.05	ppb
Lead	208-1	2401.47	2344.44	2462.66	2402.86	2.46	ppb
Lithium	6-1				115		%
Magnesium	24-2	79566.76	75469.48	74653.43	76563.22	3.44	ppb
Manganese	55-2	5689.48	5615.68	5478.27	5594.48	1.92	ppb
Molybdenum	94-1	2847.59	2931.32	3018.09	2932.34	2.91	ppb
Molybdenum	95-1	2497.06	2549.42	2563.11	2536.53	1.37	ppb
Molybdenum	96-1	2472.05	2451.28	2555.48	2492.93	2.21	ppb
Molybdenum	97-1	2446.22	2480.88	2624.61	2517.24	3.76	ppb
Molybdenum	98-1	2413.93	2522.63	2622.49	2519.69	4.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	525.61	498.49	506.40	510.17	2.73	ppb
Phosphorus	31-2	-51.63	-94.51	-73.54	-73.23		ppb
Potassium	39-2	28324.75	27806.57	27918.49	28016.61	0.97	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				114		%
Scandium	45-2				105		%
Selenium	82-1	457.25	469.17	486.44	470.95	3.12	ppb
Selenium	77-2	493.57	504.90	486.91	495.13	1.84	ppb
Selenium	78-2	481.18	467.44	486.46	478.36	2.05	ppb
Silicon	28-1	1027.96	1024.69	1053.28	1035.31	1.51	ppb
Silver	107-1	78.44	62.80	67.95	69.73	11.43	ppb
Silver	109-1	70.41	64.90	83.94	73.09	13.41	ppb
Sodium	23-2	111390.87	104800.87	105466.56	107219.43	3.38	ppb
Strontium	86-1	615.01	627.31	650.18	630.83	2.83	ppb
Strontium	88-1	621.11	633.55	628.77	627.81	1.00	ppb
Sulfur	34-1	8132.87	8224.05	8428.29	8261.74	1.83	ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	510.36	488.82	509.12	502.77	2.40	ppb
Thallium	205-1	490.26	471.60	481.11	480.99	1.94	ppb
Tin	118-1	495.77	496.87	488.81	493.82	0.89	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4207-01MS	Instrumnet Name :	P8
Client Sample ID :	MW-101MS	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 15:19:41	DataFile Name :	059AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2325.29	2375.59	2386.42	2362.43	1.38	ppb
Uranium	238-1	484.87	449.22	488.59	474.23	4.58	ppb
Vanadium	51-2	509.44	491.44	497.68	499.52	1.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				107		%
Zinc	66-2	4492.84	4421.72	4379.04	4431.20	1.30	ppb
Zirconium	90-1	462.38	479.09	485.36	475.61	2.50	ppb
Zirconium	91-1	473.80	489.46	489.52	484.26	1.87	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4207-01MSD	Instrumnet Name :	P8
Client Sample ID :	MW-101MSD	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 15:22:37	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10723.75	9873.64	11634.83	10744.07	8.20	ppb
Antimony	121-1	493.89	468.30	493.22	485.14	3.01	ppb
Arsenic	75-2	517.96	492.14	600.92	537.01	10.58	ppb
Barium	135-1	2451.75	2361.57	2439.85	2417.72	2.03	ppb
Barium	137-1	2425.80	2290.38	2464.99	2393.72	3.83	ppb
Beryllium	9-1	464.81	479.07	495.36	479.74	3.19	ppb
Bismuth	209-1				109		%
Bismuth	209-2				104		%
Boron	10-1	382.39	397.02	422.33	400.58	5.04	ppb
Boron	11-1	389.74	420.10	438.59	416.14	5.93	ppb
Bromine	81-1						cps
Cadmium	111-1	484.88	464.35	495.13	481.45	3.26	ppb
Cadmium	106-1	470.82	477.53	483.43	477.26	1.32	ppb
Cadmium	108-1	487.44	468.69	485.97	480.70	2.17	ppb
Calcium	43-1	101091.51	97466.67	105619.06	101392.41	4.03	ppb
Calcium	44-1	99963.07	99758.75	102823.51	100848.44	1.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	488.77	444.29	528.66	487.24	8.66	ppb
Cobalt	59-2	514.05	489.86	559.21	521.04	6.76	ppb
Copper	63-2	5531.84	5170.69	6055.37	5585.97	7.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				109		%
Indium	115-1				110		%
Indium	115-2				103		%
Iron	54-2	28117.23	26103.67	31400.34	28540.41	9.37	ppb
Iron	56-2	26829.77	25146.18	30634.92	27536.96	10.21	ppb
Iron	57-2	26439.07	24307.94	28831.39	26526.13	8.53	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4207-01MSD	Instrumnet Name :	P8
Client Sample ID :	MW-101MSD	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 15:22:37	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2413.51	2345.80	2403.24	2387.52	1.53	ppb
Lead	207-1	2414.06	2343.24	2374.47	2377.26	1.49	ppb
Lead	208-1	2380.73	2364.05	2357.41	2367.40	0.51	ppb
Lithium	6-1				115		%
Magnesium	24-2	75945.41	70114.72	83790.23	76616.79	8.96	ppb
Manganese	55-2	5620.46	5107.85	6169.89	5632.73	9.43	ppb
Molybdenum	94-1	2778.51	2853.04	2975.83	2869.13	3.47	ppb
Molybdenum	95-1	2450.02	2473.87	2645.71	2523.20	4.23	ppb
Molybdenum	96-1	2438.63	2502.66	2661.53	2534.27	4.53	ppb
Molybdenum	97-1	2382.85	2451.23	2578.32	2470.80	4.01	ppb
Molybdenum	98-1	2375.50	2465.24	2569.79	2470.18	3.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.44	476.88	558.43	514.58	7.99	ppb
Phosphorus	31-2	-104.84	-132.57	-94.39	-110.60		ppb
Potassium	39-2	27727.54	25683.10	30378.67	27929.77	8.43	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				115		%
Scandium	45-2				108		%
Selenium	82-1	458.60	471.67	479.76	470.01	2.27	ppb
Selenium	77-2	465.17	451.77	559.05	491.99	11.88	ppb
Selenium	78-2	469.29	456.75	553.86	493.30	10.71	ppb
Silicon	28-1	1014.55	1070.70	1095.97	1060.40	3.93	ppb
Silver	107-1	70.98	56.87	64.51	64.12	11.01	ppb
Silver	109-1	56.72	52.42	68.98	59.37	14.48	ppb
Sodium	23-2	104151.22	98052.09	115715.13	105972.81	8.47	ppb
Strontium	86-1	605.31	638.00	655.37	632.89	4.02	ppb
Strontium	88-1	600.87	613.86	659.80	624.84	4.96	ppb
Sulfur	34-1	7474.06	8165.04	8111.61	7916.91	4.86	ppb
Terbium	159-1				112		%
Terbium	159-2				111		%
Thallium	203-1	489.96	483.27	500.23	491.16	1.74	ppb
Thallium	205-1	475.30	467.52	470.77	471.20	0.83	ppb
Tin	118-1	489.32	479.02	509.03	492.45	3.10	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4207-01MSD	Instrumnet Name :	P8
Client Sample ID :	MW-101MSD	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 15:22:37	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2355.95	2338.42	2379.95	2358.11	0.88	ppb
Uranium	238-1	468.65	451.50	485.48	468.54	3.63	ppb
Vanadium	51-2	497.48	453.83	545.81	499.04	9.22	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	4421.52	4119.37	4749.01	4429.97	7.11	ppb
Zirconium	90-1	465.03	467.53	477.18	469.91	1.36	ppb
Zirconium	91-1	455.28	482.79	487.89	475.32	3.69	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4207-01A	Instrumnet Name :	P8
Client Sample ID :	MW-101A	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 15:25:35	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10440.36	10016.31	10737.75	10398.14	3.49	ppb
Antimony	121-1	507.13	503.75	470.65	493.84	4.08	ppb
Arsenic	75-2	521.61	500.91	517.94	513.49	2.15	ppb
Barium	135-1	2470.28	2375.18	2424.32	2423.26	1.96	ppb
Barium	137-1	2436.05	2382.14	2367.25	2395.15	1.51	ppb
Beryllium	9-1	468.04	494.74	476.62	479.80	2.84	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	395.51	435.06	431.87	420.81	5.22	ppb
Boron	11-1	398.89	442.24	440.95	427.36	5.77	ppb
Bromine	81-1						cps
Cadmium	111-1	500.32	500.33	477.94	492.86	2.62	ppb
Cadmium	106-1	490.10	502.77	481.76	491.54	2.15	ppb
Cadmium	108-1	478.26	483.05	469.70	477.00	1.42	ppb
Calcium	43-1	106807.57	103429.65	101498.58	103911.93	2.59	ppb
Calcium	44-1	105563.28	102139.05	103532.88	103745.07	1.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	471.23	463.93	486.73	473.96	2.46	ppb
Cobalt	59-2	500.01	507.20	508.36	505.19	0.90	ppb
Copper	63-2	5400.31	5333.03	5611.87	5448.40	2.67	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				112		%
Holmium	165-2				111		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	54-2	28035.46	27408.22	28902.75	28115.48	2.67	ppb
Iron	56-2	25948.30	25954.35	27349.30	26417.32	3.06	ppb
Iron	57-2	25331.53	25535.92	26331.83	25733.09	2.05	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4207-01A	Instrumnet Name :	P8
Client Sample ID :	MW-101A	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 15:25:35	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2566.38	2404.25	2422.36	2464.33	3.61	ppb
Lead	207-1	2594.32	2522.49	2426.40	2514.40	3.35	ppb
Lead	208-1	2546.81	2448.98	2425.19	2473.66	2.61	ppb
Lithium	6-1				112		%
Magnesium	24-2	73389.43	71219.91	75763.94	73457.76	3.09	ppb
Manganese	55-2	5446.95	5273.40	5603.31	5441.22	3.03	ppb
Molybdenum	94-1	2951.50	2864.80	2917.45	2911.25	1.50	ppb
Molybdenum	95-1	2486.04	2527.32	2549.97	2521.11	1.29	ppb
Molybdenum	96-1	2480.21	2544.41	2535.04	2519.89	1.38	ppb
Molybdenum	97-1	2510.63	2497.39	2569.33	2525.78	1.52	ppb
Molybdenum	98-1	2446.46	2541.22	2544.07	2510.59	2.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.77	490.11	508.94	499.61	1.88	ppb
Phosphorus	31-2	-90.59	-154.43	-120.22	-121.75		ppb
Potassium	39-2	27156.76	25993.89	28345.19	27165.28	4.33	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				111		%
Scandium	45-2				109		%
Selenium	82-1	471.65	470.28	486.83	476.25	1.93	ppb
Selenium	77-2	481.02	469.16	485.10	478.43	1.73	ppb
Selenium	78-2	492.94	459.86	485.31	479.37	3.61	ppb
Silicon	28-1	1132.84	1098.18	1048.24	1093.09	3.89	ppb
Silver	107-1	65.85	61.78	63.45	63.69	3.21	ppb
Silver	109-1	64.60	66.00	62.54	64.38	2.71	ppb
Sodium	23-2	105403.75	101294.67	104480.88	103726.43	2.08	ppb
Strontium	86-1	643.86	640.87	631.21	638.65	1.04	ppb
Strontium	88-1	622.36	638.59	649.34	636.76	2.13	ppb
Sulfur	34-1	9183.54	8131.92	7466.41	8260.62	10.48	ppb
Terbium	159-1				109		%
Terbium	159-2				111		%
Thallium	203-1	518.90	513.87	501.27	511.35	1.78	ppb
Thallium	205-1	505.02	479.82	478.30	487.71	3.08	ppb
Tin	118-1	507.27	494.01	472.62	491.30	3.56	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4207-01A	Instrumnet Name :	P8
Client Sample ID :	MW-101A	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 15:25:35	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2590.92	2403.74	2436.44	2477.03	4.04	ppb
Uranium	238-1	496.57	491.43	491.88	493.29	0.58	ppb
Vanadium	51-2	485.03	471.97	493.86	483.62	2.28	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				109		%
Zinc	66-2	4374.47	4168.34	4427.51	4323.44	3.17	ppb
Zirconium	90-1	488.40	473.13	487.53	483.02	1.77	ppb
Zirconium	91-1	486.66	485.61	505.21	492.50	2.24	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4244-08DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-103SDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-30 15:28:32	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.98	40.75	41.75	40.83	2.17	ppb
Antimony	121-1	0.35	0.40	0.54	0.43	23.64	ppb
Arsenic	75-2	0.26	0.25	0.16	0.22	25.14	ppb
Barium	135-1	76.22	68.47	64.03	69.57	8.87	ppb
Barium	137-1	76.02	68.57	63.83	69.47	8.84	ppb
Beryllium	9-1	0.07	0.06	0.06	0.07	9.08	ppb
Bismuth	209-1				100		%
Bismuth	209-2				103		%
Boron	10-1	267.86	243.97	227.00	246.28	8.33	ppb
Boron	11-1	289.14	267.90	257.09	271.37	6.01	ppb
Bromine	81-1						cps
Cadmium	111-1	0.06	0.08	0.03	0.06	50.45	ppb
Cadmium	106-1	-1.03	-0.12	-2.05	-1.07		ppb
Cadmium	108-1	-0.69	-0.90	-0.76	-0.78		ppb
Calcium	43-1	24484.15	22181.82	21346.15	22670.71	7.17	ppb
Calcium	44-1	24981.92	21601.81	21758.85	22780.86	8.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.31	0.32	0.43	0.35	18.28	ppb
Cobalt	59-2	0.07	0.09	0.08	0.08	12.43	ppb
Copper	63-2	0.51	0.54	0.53	0.53	2.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				112		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	54-2	535.98	520.58	532.49	529.68	1.52	ppb
Iron	56-2	527.74	531.28	522.79	527.27	0.81	ppb
Iron	57-2	557.78	572.53	551.86	560.72	1.90	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4244-08DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-103SDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-30 15:28:32	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.57	1.40	1.36	1.45	7.82	ppb
Lead	207-1	1.42	1.30	1.23	1.32	7.17	ppb
Lead	208-1	1.49	1.37	1.29	1.38	7.35	ppb
Lithium	6-1				113		%
Magnesium	24-2	38111.34	37224.59	37651.02	37662.32	1.18	ppb
Manganese	55-2	51.32	50.95	51.21	51.16	0.37	ppb
Molybdenum	94-1	0.97	0.76	0.93	0.89	12.44	ppb
Molybdenum	95-1	0.85	0.72	0.74	0.77	9.30	ppb
Molybdenum	96-1	0.86	0.69	0.72	0.76	11.34	ppb
Molybdenum	97-1	0.79	0.70	0.67	0.72	8.48	ppb
Molybdenum	98-1	0.82	0.67	0.65	0.71	13.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.28	0.29	0.30	0.29	3.62	ppb
Phosphorus	31-2	2.92	15.30	11.51	9.91	63.98	ppb
Potassium	39-2	18889.68	18720.40	19206.40	18938.83	1.30	ppb
Rhodium	103-1				100		%
Rhodium	103-2				107		%
Scandium	45-1				111		%
Scandium	45-2				110		%
Selenium	82-1	6.02	5.96	5.61	5.86	3.78	ppb
Selenium	77-2	0.39	0.38	0.36	0.38	4.22	ppb
Selenium	78-2	0.14	0.37	0.19	0.23	51.24	ppb
Silicon	28-1	646.34	564.12	546.30	585.59	9.11	ppb
Silver	107-1	0.02	0.04	0.02	0.03	34.14	ppb
Silver	109-1	0.04	0.02	0.03	0.03	30.29	ppb
Sodium	23-2	373105.55	382356.45	380237.28	378566.42	1.28	ppb
Strontium	86-1	572.70	541.01	476.95	530.22	9.20	ppb
Strontium	88-1	557.34	513.58	480.82	517.25	7.42	ppb
Sulfur	34-1	-672.47	-1330.22	-1252.70	-1085.13		ppb
Terbium	159-1				107		%
Terbium	159-2				111		%
Thallium	203-1	0.17	0.15	0.17	0.16	7.82	ppb
Thallium	205-1	0.15	0.14	0.12	0.14	9.24	ppb
Tin	118-1	-0.03	-0.03	0.00	-0.02		ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4244-08DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-103SDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-30 15:28:32	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.68	1.96	2.25	2.30	15.80	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	8.53	ppb
Vanadium	51-2	0.74	0.67	0.69	0.70	5.08	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				111		%
Zinc	66-2	2.68	2.70	2.65	2.67	0.99	ppb
Zirconium	90-1	0.15	0.14	0.15	0.15	2.55	ppb
Zirconium	91-1	0.13	0.12	0.18	0.14	22.54	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4229-06	Instrumnet Name :	P8
Client Sample ID :	FB-08162022	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 15:31:39	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.03	0.13	0.53	0.23	116.13	ppb
Antimony	121-1	0.07	0.07	0.13	0.09	37.38	ppb
Arsenic	75-2	0.01	0.02	0.03	0.02	45.62	ppb
Barium	135-1	0.01	0.01	0.00	0.01	30.80	ppb
Barium	137-1	0.00	0.01	0.02	0.01	59.23	ppb
Beryllium	9-1	0.04	0.05	0.04	0.04	9.62	ppb
Bismuth	209-1				114		%
Bismuth	209-2				112		%
Boron	10-1	36.96	34.44	33.12	34.84	5.61	ppb
Boron	11-1	40.70	36.85	35.43	37.66	7.24	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	-0.02	0.07	0.01	518.80	ppb
Cadmium	106-1	-2.00	-2.64	-0.31	-1.65		ppb
Cadmium	108-1	-0.78	-0.85	-0.85	-0.83		ppb
Calcium	43-1	-0.14	-0.38	-0.41	-0.31		ppb
Calcium	44-1	-5.37	-5.22	-5.75	-5.45		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.00	0.01	0.00	306.61	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.04	0.05	0.07	0.06	27.23	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				115		%
Holmium	165-2				110		%
Indium	115-1				112		%
Indium	115-2				106		%
Iron	54-2	-1.67	-0.34	-0.67	-0.89		ppb
Iron	56-2	-0.05	0.07	0.08	0.03	214.83	ppb
Iron	57-2	-1.05	-0.96	0.58	-0.48		ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4229-06	Instrumnet Name :	P8
Client Sample ID :	FB-08162022	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 15:31:39	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.05	0.04	0.05	25.38	ppb
Lead	207-1	0.03	0.02	0.04	0.03	27.19	ppb
Lead	208-1	0.04	0.04	0.03	0.04	7.06	ppb
Lithium	6-1				118		%
Magnesium	24-2	0.32	0.17	0.02	0.17	90.95	ppb
Manganese	55-2	0.03	0.01	0.02	0.02	43.21	ppb
Molybdenum	94-1	0.17	0.14	0.11	0.14	20.58	ppb
Molybdenum	95-1	0.21	0.22	0.20	0.21	4.09	ppb
Molybdenum	96-1	0.19	0.23	0.16	0.19	18.63	ppb
Molybdenum	97-1	0.23	0.21	0.21	0.22	4.83	ppb
Molybdenum	98-1	0.19	0.21	0.19	0.20	6.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.02	0.02	-0.01		ppb
Phosphorus	31-2	-115.82	-144.87	-106.50	-122.40		ppb
Potassium	39-2	-1.91	4.46	8.90	3.82	142.35	ppb
Rhodium	103-1				111		%
Rhodium	103-2				112		%
Scandium	45-1				114		%
Scandium	45-2				108		%
Selenium	82-1	0.24	0.30	0.35	0.30	19.85	ppb
Selenium	77-2	-0.22	-0.22	-0.22	-0.22		ppb
Selenium	78-2	-0.35	0.03	0.28	-0.01		ppb
Silicon	28-1	0.92	-0.56	-1.91	-0.52		ppb
Silver	107-1	0.01	0.01	0.01	0.01	15.16	ppb
Silver	109-1	0.02	0.01	0.01	0.02	24.63	ppb
Sodium	23-2	44.49	43.62	45.16	44.42	1.75	ppb
Strontium	86-1	-0.05	-0.03	-0.04	-0.04		ppb
Strontium	88-1	0.01	0.00	0.00	0.01	39.57	ppb
Sulfur	34-1	-1470.55	-1711.29	-1768.94	-1650.26		ppb
Terbium	159-1				111		%
Terbium	159-2				110		%
Thallium	203-1	0.10	0.11	0.09	0.10	11.00	ppb
Thallium	205-1	0.09	0.08	0.09	0.09	7.50	ppb
Tin	118-1	-0.09	-0.13	-0.17	-0.13		ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4229-06	Instrumnet Name :	P8
Client Sample ID :	FB-08162022	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 15:31:39	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.09	0.03	0.01	0.04	88.05	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	1446.88	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	0.02	-0.07	-0.05	-0.03		ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	83.16	ppb
Zirconium	91-1	0.01	-0.01	0.01	0.00	250.92	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 15:47:11	DataFile Name :	065CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55099.60	53609.74	53537.71	54082.35	1.63	ppb
Antimony	121-1	480.86	468.19	458.52	469.19	2.39	ppb
Arsenic	75-2	481.52	450.96	459.35	463.94	3.40	ppb
Barium	135-1	2461.31	2421.76	2344.99	2409.35	2.45	ppb
Barium	137-1	2498.29	2338.93	2355.08	2397.43	3.66	ppb
Beryllium	9-1	448.47	481.91	459.87	463.42	3.67	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	532.53	582.57	546.81	553.97	4.65	ppb
Boron	11-1	534.74	597.23	564.36	565.45	5.53	ppb
Bromine	81-1						cps
Cadmium	111-1	486.49	462.85	456.69	468.67	3.36	ppb
Cadmium	106-1	494.38	466.10	454.51	471.67	4.35	ppb
Cadmium	108-1	495.49	482.19	465.08	480.92	3.17	ppb
Calcium	43-1	246147.17	237574.65	240417.65	241379.82	1.81	ppb
Calcium	44-1	244922.93	239034.82	230282.52	238080.09	3.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	466.97	463.19	460.97	463.71	0.65	ppb
Cobalt	59-2	494.79	489.33	483.02	489.05	1.20	ppb
Copper	63-2	4990.89	4994.80	4934.85	4973.51	0.67	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				109		%
Holmium	165-2				111		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	54-2	130535.75	128685.86	129403.30	129541.64	0.72	ppb
Iron	56-2	128744.85	129269.41	128941.87	128985.38	0.21	ppb
Iron	57-2	130794.59	130049.41	127067.77	129303.92	1.53	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 15:47:11	DataFile Name :	065CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2526.69	2470.91	2425.95	2474.52	2.04	ppb
Lead	207-1	2532.61	2575.93	2395.43	2501.32	3.77	ppb
Lead	208-1	2519.93	2481.35	2420.61	2473.96	2.02	ppb
Lithium	6-1				110		%
Magnesium	24-2	250793.47	249263.98	248103.15	249386.87	0.54	ppb
Manganese	55-2	4864.54	4783.20	4839.38	4829.04	0.86	ppb
Molybdenum	94-1	4870.50	5153.95	4893.80	4972.75	3.16	ppb
Molybdenum	95-1	4895.77	4986.88	4851.24	4911.30	1.41	ppb
Molybdenum	96-1	4858.99	4925.65	4735.65	4840.10	1.99	ppb
Molybdenum	97-1	4978.91	5071.18	4788.26	4946.12	2.92	ppb
Molybdenum	98-1	4873.10	4929.49	4803.88	4868.82	1.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	533.96	532.58	528.65	531.73	0.52	ppb
Phosphorus	31-2	9886.88	10021.12	9662.22	9856.74	1.84	ppb
Potassium	39-2	128301.26	124351.30	127868.06	126840.21	1.71	ppb
Rhodium	103-1				97		%
Rhodium	103-2				102		%
Scandium	45-1				108		%
Scandium	45-2				108		%
Selenium	82-1	488.84	503.78	485.97	492.86	1.94	ppb
Selenium	77-2	463.90	507.95	471.56	481.14	4.89	ppb
Selenium	78-2	516.48	479.16	484.51	493.39	4.09	ppb
Silicon	28-1	791.45	785.06	754.70	777.07	2.53	ppb
Silver	107-1	494.38	468.21	462.69	475.09	3.56	ppb
Silver	109-1	489.69	465.46	455.37	470.17	3.75	ppb
Sodium	23-2	265393.44	258811.69	265336.86	263180.66	1.44	ppb
Strontium	86-1	11899.33	12605.52	11885.74	12130.20	3.39	ppb
Strontium	88-1	12230.38	12669.18	11920.73	12273.43	3.06	ppb
Sulfur	34-1	9065.41	8451.47	8276.43	8597.77	4.82	ppb
Terbium	159-1				108		%
Terbium	159-2				110		%
Thallium	203-1	502.69	516.36	500.62	506.56	1.69	ppb
Thallium	205-1	491.16	475.85	491.32	486.11	1.83	ppb
Tin	118-1	503.55	490.71	466.05	486.77	3.91	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 15:47:11	DataFile Name :	065CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4949.53	4817.91	4773.51	4846.98	1.89	ppb
Uranium	238-1	511.38	503.97	500.06	505.14	1.14	ppb
Vanadium	51-2	483.70	481.84	472.80	479.45	1.22	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				110		%
Zinc	66-2	4946.75	4779.47	4737.80	4821.34	2.29	ppb
Zirconium	90-1	488.99	513.95	490.26	497.73	2.82	ppb
Zirconium	91-1	505.57	507.29	500.33	504.40	0.72	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 15:52:38	DataFile Name :	066CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.19	0.36	0.24	0.26	31.27	ppb
Antimony	121-1	0.10	0.19	0.30	0.19	51.48	ppb
Arsenic	75-2	0.02	0.08	0.01	0.03	109.02	ppb
Barium	135-1	0.04	0.03	0.00	0.02	85.68	ppb
Barium	137-1	0.05	0.04	0.03	0.04	29.35	ppb
Beryllium	9-1	0.05	0.05	0.06	0.05	9.26	ppb
Bismuth	209-1				111		%
Bismuth	209-2				111		%
Boron	10-1	26.21	27.39	25.05	26.21	4.46	ppb
Boron	11-1	27.11	28.36	27.00	27.49	2.74	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	0.00	-0.03	-0.03		ppb
Cadmium	106-1	-2.75	-1.64	-2.13	-2.17		ppb
Cadmium	108-1	-0.57	-0.44	-0.51	-0.50		ppb
Calcium	43-1	2.21	3.11	2.45	2.59	17.96	ppb
Calcium	44-1	-2.18	-2.54	-3.11	-2.61		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.04	-0.07	-0.03		ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	312.45	ppb
Copper	63-2	0.04	0.01	0.05	0.04	51.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				110		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	54-2	1.58	-0.81	-0.08	0.23	533.87	ppb
Iron	56-2	1.22	1.07	1.47	1.26	16.06	ppb
Iron	57-2	1.27	0.19	-0.24	0.40	192.67	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 15:52:38	DataFile Name :	066CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.08	0.06	0.07	17.98	ppb
Lead	207-1	0.02	0.05	0.05	0.04	43.69	ppb
Lead	208-1	0.06	0.07	0.05	0.06	11.44	ppb
Lithium	6-1				116		%
Magnesium	24-2	1.48	1.38	1.54	1.47	5.57	ppb
Manganese	55-2	0.05	0.05	0.05	0.05	9.59	ppb
Molybdenum	94-1	0.40	0.41	0.41	0.41	0.27	ppb
Molybdenum	95-1	0.58	0.38	0.44	0.47	21.51	ppb
Molybdenum	96-1	0.54	0.48	0.49	0.50	5.88	ppb
Molybdenum	97-1	0.54	0.63	0.47	0.55	14.52	ppb
Molybdenum	98-1	0.51	0.46	0.49	0.49	4.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.01	-0.03	-0.01		ppb
Phosphorus	31-2	-90.18	-112.99	-86.24	-96.47		ppb
Potassium	39-2	14.77	11.37	11.64	12.59	15.04	ppb
Rhodium	103-1				106		%
Rhodium	103-2				110		%
Scandium	45-1				110		%
Scandium	45-2				107		%
Selenium	82-1	0.07	-0.04	0.08	0.04	171.09	ppb
Selenium	77-2	-0.22	0.41	-0.22	-0.01		ppb
Selenium	78-2	-0.76	-0.54	-0.53	-0.61		ppb
Silicon	28-1	-2.81	-2.48	-1.91	-2.40		ppb
Silver	107-1	0.02	0.03	0.02	0.02	21.16	ppb
Silver	109-1	0.03	0.02	0.01	0.02	35.35	ppb
Sodium	23-2	35.17	37.14	33.72	35.34	4.86	ppb
Strontium	86-1	0.11	0.09	0.13	0.11	18.90	ppb
Strontium	88-1	0.19	0.17	0.12	0.16	23.50	ppb
Sulfur	34-1	-1514.85	-1396.86	-1021.24	-1310.98		ppb
Terbium	159-1				108		%
Terbium	159-2				111		%
Thallium	203-1	0.09	0.07	0.10	0.09	12.95	ppb
Thallium	205-1	0.08	0.08	0.08	0.08	3.27	ppb
Tin	118-1	-0.11	-0.09	-0.12	-0.11		ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 15:52:38	DataFile Name :	066CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.04	0.04	0.07	0.05	36.43	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	15.19	ppb
Vanadium	51-2	0.00	0.01	0.00	0.01	98.54	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				108		%
Zinc	66-2	0.03	-0.01	-0.08	-0.02		ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	26.27	ppb
Zirconium	91-1	0.00	0.02	0.05	0.02	110.63	ppb

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 11:33:04	DataFile Name :	006CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	96	95	92	95	2.02	cps
Antimony	121-1	25	25	33	28	17.31	cps
Arsenic	75-2	7	5	4	5	28.64	cps
Barium	135-1	17	25	25	22	21.64	cps
Barium	137-1	25	17	25	22	21.64	cps
Beryllium	9-1	15	13	14	14	9.09	cps
Bismuth	209-1	6161028	6051598	5776019	5996215	3.31	cps
Bismuth	209-2	2859827	3283333	3167403	3103521	7.05	cps
Boron	10-1	604	562	530	565	6.56	cps
Boron	11-1	2772	2686	2676	2711	1.95	cps
Bromine	81-1	74193	69653	71124	71657	3.23	cps
Cadmium	111-1	2052	2055	2001	2036	1.49	cps
Cadmium	106-1	6110	6168	6035	6104	1.10	cps
Cadmium	108-1	142	154	171	156	9.41	cps
Calcium	43-1	305	251	251	269	11.53	cps
Calcium	44-1	11517	11728	11753	11666	1.11	cps
Carbon	12-1	6245922	6199760	6040532	6162071	1.75	cps
Carbon	12-2	60291	60927	61136	60784	0.72	cps
Chlorine	35-1	218277	216453	217862	217531	0.44	cps
Chlorine	35-2	1433	1425	1283	1381	6.11	cps
Chromium	52-2	650	610	623	628	3.24	cps
Cobalt	59-2	63	50	80	64	23.32	cps
Copper	63-2	1397	1300	1270	1322	5.01	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	17	33	28	34.63	cps
Erbium	164-2	17	7	20	14	48.02	cps
Gadolinium	160-1	75	108	67	83	26.46	cps
Gadolinium	160-2	107	123	117	116	7.26	cps
Holmium	165-1	10293466	9735638	9687343	9905483	3.40	cps
Holmium	165-2	4141723	4377273	4327399	4282131	2.90	cps
Indium	115-1	9022038	8859189	8929683	8936970	0.91	cps
Indium	115-2	1250046	1388938	1359409	1332798	5.49	cps
Iron	54-2	839	950	867	885	6.53	cps
Iron	56-2	4090	4012	4178	4093	2.04	cps
Iron	57-2	156	117	189	154	23.52	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 11:33:04	DataFile Name :	006CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	546	539	551	545	1.15	cps
Lead	206-1	722	739	800	754	5.43	cps
Lead	207-1	722	728	778	743	4.12	cps
Lead	208-1	3222	3372	3406	3334	2.93	cps
Lithium	6-1	6477381	6344490	6562434	6461435	1.70	cps
Magnesium	24-2	275	258	258	264	3.65	cps
Manganese	55-2	47	80	70	66	26.09	cps
Molybdenum	94-1	242	200	233	225	9.80	cps
Molybdenum	95-1	8	17	33	19	65.47	cps
Molybdenum	96-1	233	208	267	236	12.40	cps
Molybdenum	97-1	17	17	17	17	0.00	cps
Molybdenum	98-1	25	42	67	44	47.19	cps
Neodymium	150-1	13	7	20	13	49.99	cps
Neodymium	150-2	0	10	0	3	173.21	cps
Nickel	60-2	93	87	57	79	24.75	cps
Phosphorus	31-2	1625	1717	1842	1728	6.30	cps
Potassium	39-2	17903	17878	18312	18031	1.35	cps
Rhodium	103-1	8949495	8859038	8718381	8842305	1.32	cps
Rhodium	103-2	3401583	3638991	3794678	3611750	5.48	cps
Scandium	45-1	7087108	6839157	6808589	6911618	2.21	cps
Scandium	45-2	204093	220865	219709	214889	4.36	cps
Selenium	82-1	34	12	41	29	51.16	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	71	66	67	68	3.89	cps
Silicon	28-1	747087	750316	764502	753968	1.23	cps
Silver	107-1	133	158	125	139	12.49	cps
Silver	109-1	75	83	67	75	11.11	cps
Sodium	23-2	20857	20290	20173	20440	1.79	cps
Strontium	86-1	942	1100	875	972	11.89	cps
Strontium	88-1	417	442	417	425	3.40	cps
Sulfur	34-1	439550	440235	442975	440920	0.41	cps
Terbium	159-1	10805300	10490575	10476341	10590739	1.76	cps
Terbium	159-2	4186184	4404856	4526775	4372605	3.95	cps
Thallium	203-1	108	200	167	158	29.30	cps
Thallium	205-1	558	542	533	544	2.34	cps
Tin	118-1	3001	2842	3017	2953	3.27	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 11:33:04	DataFile Name :	006CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	300	250	275	275	9.09	cps
Uranium	238-1	33	8	8	17	86.62	cps
Vanadium	51-2	7	7	0	4	86.60	cps
Ytterbium	172-1	67	33	42	47	36.74	cps
Ytterbium	172-2	22	39	17	26	44.60	cps
Ytterbium	176-1	1967	1792	1800	1853	5.33	cps
Ytterbium	176-2	7925	8586	8431	8314	4.16	cps
Yttrium	89-1	16123109	15873245	15464208	15820187	2.10	cps
Yttrium	89-2	1521928	1647134	1688779	1619280	5.36	cps
Zinc	66-2	177	237	277	230	21.88	cps
Zirconium	90-1	633	550	608	597	7.16	cps
Zirconium	91-1	67	142	92	100	38.19	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 11:36:13	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1640	1576	1587	1601	2.13	cps
Antimony	121-1	13657	14041	13415	13704	2.30	cps
Arsenic	75-2	214	218	211	214	1.64	cps
Barium	135-1	18071	18087	17487	17882	1.91	cps
Barium	137-1	31178	31187	30293	30886	1.66	cps
Beryllium	9-1	3819	3926	3789	3845	1.88	cps
Bismuth	209-1	6231486	5958174	5698114	5962592	4.47	cps
Bismuth	209-2	2853618	3353126	3164032	3123592	8.07	cps
Boron	10-1	11804	12645	12603	12351	3.83	cps
Boron	11-1	50358	55206	55006	53523	5.12	cps
Bromine	81-1	71759	74908	74958	73875	2.48	cps
Cadmium	111-1	4321	4229	4254	4268	1.11	cps
Cadmium	106-1	6410	6143	6160	6238	2.40	cps
Cadmium	108-1	313	358	258	310	16.16	cps
Calcium	43-1	15829	15944	15410	15728	1.79	cps
Calcium	44-1	264016	260136	254369	259507	1.87	cps
Carbon	12-1	5660856	5701536	5528471	5630287	1.61	cps
Carbon	12-2	59562	57279	57756	58199	2.07	cps
Chlorine	35-1	300521	301890	294979	299130	1.22	cps
Chlorine	35-2	2225	1975	2009	2070	6.56	cps
Chromium	52-2	4858	4661	4514	4677	3.68	cps
Cobalt	59-2	4011	3861	3834	3902	2.44	cps
Copper	63-2	7455	7435	7232	7374	1.68	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	50	100	25	58	65.47	cps
Erbium	164-2	7	23	10	13	66.12	cps
Gadolinium	160-1	92	92	100	94	5.09	cps
Gadolinium	160-2	90	103	113	102	11.45	cps
Holmium	165-1	10071492	10244195	9219647	9845111	5.57	cps
Holmium	165-2	4066211	4577948	4372341	4338833	5.93	cps
Indium	115-1	9325523	9174920	8399945	8966796	5.54	cps
Indium	115-2	1249814	1399672	1305326	1318271	5.75	cps
Iron	54-2	6046	5896	6007	5983	1.30	cps
Iron	56-2	95614	93594	92487	93899	1.69	cps
Iron	57-2	2350	2472	2250	2358	4.72	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 11:36:13	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	597	516	559	557	7.29	cps
Lead	206-1	6457	6168	5985	6203	3.84	cps
Lead	207-1	5574	5046	5096	5238	5.56	cps
Lead	208-1	25099	23742	23820	24220	3.14	cps
Lithium	6-1	6390168	6426080	6027845	6281364	3.51	cps
Magnesium	24-2	104517	100883	96553	100651	3.96	cps
Manganese	55-2	1307	1240	1267	1271	2.64	cps
Molybdenum	94-1	16861	17461	16844	17055	2.06	cps
Molybdenum	95-1	20874	20975	20966	20938	0.27	cps
Molybdenum	96-1	23162	22619	22277	22686	1.97	cps
Molybdenum	97-1	12723	12806	12856	12795	0.53	cps
Molybdenum	98-1	33349	32714	33750	33271	1.57	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	1163	997	1223	1128	10.41	cps
Phosphorus	31-2	1959	1783	1950	1897	5.20	cps
Potassium	39-2	86275	87121	84631	86009	1.47	cps
Rhodium	103-1	8896248	8589277	8350649	8612058	3.18	cps
Rhodium	103-2	3445007	3790355	3705466	3646943	4.93	cps
Scandium	45-1	6997188	7113957	6398972	6836705	5.61	cps
Scandium	45-2	197900	220598	209357	209285	5.42	cps
Selenium	82-1	980	1089	909	992	9.13	cps
Selenium	77-2	43	47	40	43	7.70	cps
Selenium	78-2	183	161	158	167	8.16	cps
Silicon	28-1	841952	834298	830933	835728	0.68	cps
Silver	107-1	11831	10863	11280	11324	4.29	cps
Silver	109-1	10546	11355	10154	10685	5.73	cps
Sodium	23-2	209993	200820	196612	202475	3.38	cps
Strontium	86-1	3909	3542	3367	3606	7.67	cps
Strontium	88-1	24405	25115	22986	24169	4.49	cps
Sulfur	34-1	438855	441847	444728	441810	0.66	cps
Terbium	159-1	10322451	10627838	9842085	10264125	3.86	cps
Terbium	159-2	4152223	4694078	4382411	4409571	6.17	cps
Thallium	203-1	6802	6510	6602	6638	2.25	cps
Thallium	205-1	15927	15084	15368	15460	2.77	cps
Tin	118-1	36608	38731	36642	37327	3.26	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 11:36:13	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7402	7419	7310	7377	0.79	cps
Uranium	238-1	18531	19925	19950	19468	4.17	cps
Vanadium	51-2	8196	7989	7809	7998	2.42	cps
Ytterbium	172-1	42	58	8	36	70.51	cps
Ytterbium	172-2	11	22	6	13	65.44	cps
Ytterbium	176-1	2142	1984	1975	2034	4.62	cps
Ytterbium	176-2	7930	8386	8153	8156	2.79	cps
Yttrium	89-1	15898722	15283356	14139253	15107110	5.91	cps
Yttrium	89-2	1545124	1726787	1635955	1635955	5.55	cps
Zinc	66-2	1067	990	960	1006	5.47	cps
Zirconium	90-1	14766	14842	14208	14605	2.37	cps
Zirconium	91-1	3134	2950	3517	3200	9.04	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 11:39:24	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	76537	74593	73115	74748	2.30	cps
Antimony	121-1	341115	335562	328165	334948	1.94	cps
Arsenic	75-2	9870	9848	9498	9739	2.14	cps
Barium	135-1	471658	464114	453619	463130	1.96	cps
Barium	137-1	803288	794664	781827	793260	1.36	cps
Beryllium	9-1	181585	181538	177961	180361	1.15	cps
Bismuth	209-1	6253845	6238698	6063872	6185472	1.71	cps
Bismuth	209-2	3155044	3158888	3076928	3130287	1.48	cps
Boron	10-1	30307	31686	32954	31649	4.18	cps
Boron	11-1	130221	140176	145064	138487	5.46	cps
Bromine	81-1	73499	70280	73358	72379	2.51	cps
Cadmium	111-1	109705	107998	107245	108316	1.16	cps
Cadmium	106-1	18630	18179	18421	18410	1.22	cps
Cadmium	108-1	8811	9195	8715	8907	2.85	cps
Calcium	43-1	184625	183650	179860	182712	1.38	cps
Calcium	44-1	2852414	2750737	2750004	2784385	2.12	cps
Carbon	12-1	5898548	5709328	5758418	5788765	1.70	cps
Carbon	12-2	60241	60534	60676	60484	0.37	cps
Chlorine	35-1	305688	303338	303152	304059	0.46	cps
Chlorine	35-2	1950	2134	1808	1964	8.30	cps
Chromium	52-2	107804	101950	101061	103605	3.54	cps
Cobalt	59-2	193428	189694	185938	189687	1.97	cps
Copper	63-2	1599087	1456320	1428012	1494473	6.14	cps
Dysprosium	156-1	58	8	0	22	141.98	cps
Dysprosium	156-2	13	10	13	12	15.73	cps
Erbium	164-1	42	33	33	36	13.33	cps
Erbium	164-2	23	23	23	23	0.00	cps
Gadolinium	160-1	208	142	150	167	21.80	cps
Gadolinium	160-2	123	120	120	121	1.59	cps
Holmium	165-1	10183547	10482610	10000932	10222363	2.38	cps
Holmium	165-2	4345889	4422879	4351412	4373393	0.98	cps
Indium	115-1	8946243	9432669	9040492	9139801	2.82	cps
Indium	115-2	1320610	1326435	1301781	1316275	0.98	cps
Iron	54-2	253571	249099	245944	249538	1.54	cps
Iron	56-2	4821512	4649251	4433152	4634638	4.20	cps
Iron	57-2	113347	111847	105897	110364	3.57	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 11:39:24	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	626	595	510	577	10.42	cps
Lead	206-1	1389343	1352943	1334856	1359047	2.04	cps
Lead	207-1	1215923	1205720	1161694	1194446	2.41	cps
Lead	208-1	5782645	5771507	5491619	5681924	2.90	cps
Lithium	6-1	6693343	6403585	6461063	6519330	2.35	cps
Magnesium	24-2	1048473	1002010	968615	1006366	3.99	cps
Manganese	55-2	580823	561508	555573	565968	2.33	cps
Molybdenum	94-1	1504555	1477525	1426026	1469368	2.72	cps
Molybdenum	95-1	2107686	2079041	2106414	2097714	0.77	cps
Molybdenum	96-1	2294848	2306024	2302525	2301132	0.25	cps
Molybdenum	97-1	1318495	1301206	1258410	1292704	2.39	cps
Molybdenum	98-1	3376174	3382964	3310369	3356502	1.19	cps
Neodymium	150-1	40	27	40	36	21.64	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	52841	51657	51383	51960	1.49	cps
Phosphorus	31-2	5901	6101	6577	6193	5.60	cps
Potassium	39-2	368887	359059	358724	362223	1.59	cps
Rhodium	103-1	8712716	9001920	8750438	8821692	1.78	cps
Rhodium	103-2	3730023	3664160	3569277	3654487	2.21	cps
Scandium	45-1	7066365	7065972	6942929	7025089	1.01	cps
Scandium	45-2	211898	211461	209662	211007	0.56	cps
Selenium	82-1	9574	9465	9439	9492	0.75	cps
Selenium	77-2	323	303	220	282	19.42	cps
Selenium	78-2	1010	1005	986	1000	1.27	cps
Silicon	28-1	1933750	1966564	1889882	1930065	1.99	cps
Silver	107-1	566743	565232	554551	562175	1.18	cps
Silver	109-1	535653	546665	531035	537784	1.49	cps
Sodium	23-2	1932426	1948938	1817404	1899589	3.77	cps
Strontium	86-1	3597437	3479543	3530754	3535911	1.67	cps
Strontium	88-1	30523737	30417372	29517599	30152902	1.83	cps
Sulfur	34-1	513335	513993	516418	514582	0.32	cps
Terbium	159-1	10477647	10768110	10359658	10535138	2.00	cps
Terbium	159-2	4514530	4471007	4354983	4446840	1.85	cps
Thallium	203-1	330100	328111	319891	326034	1.66	cps
Thallium	205-1	789943	778555	768192	778897	1.40	cps
Tin	118-1	339973	350302	327681	339319	3.34	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 11:39:24	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	719496	704638	694663	706265	1.77	cps
Uranium	238-1	982549	1004708	937919	975058	3.49	cps
Vanadium	51-2	83565	80576	80451	81531	2.16	cps
Ytterbium	172-1	75	50	75	67	21.65	cps
Ytterbium	172-2	44	28	11	28	60.01	cps
Ytterbium	176-1	2917	3067	2825	2937	4.16	cps
Ytterbium	176-2	8147	8792	8342	8427	3.93	cps
Yttrium	89-1	15709351	15502678	15963671	15725233	1.47	cps
Yttrium	89-2	1636664	1683288	1652247	1657400	1.43	cps
Zinc	66-2	175564	180888	171783	176078	2.60	cps
Zirconium	90-1	750453	731012	733887	738451	1.42	cps
Zirconium	91-1	165082	167090	162139	164771	1.51	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 11:42:44	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	190508	185036	183624	186389	1.95	cps
Antimony	121-1	848646	847519	832848	843004	1.05	cps
Arsenic	75-2	24676	24079	23466	24074	2.51	cps
Barium	135-1	1149881	1152630	1154075	1152195	0.18	cps
Barium	137-1	2011204	2052618	2058711	2040845	1.27	cps
Beryllium	9-1	454748	450986	442559	449431	1.39	cps
Bismuth	209-1	6156435	6112069	5990736	6086413	1.41	cps
Bismuth	209-2	3058261	3080712	3047518	3062164	0.55	cps
Boron	10-1	74383	78091	79154	77210	3.24	cps
Boron	11-1	335499	351502	358996	348666	3.44	cps
Bromine	81-1	72422	70591	69444	70819	2.12	cps
Cadmium	111-1	264405	268042	263249	265232	0.94	cps
Cadmium	106-1	37268	36691	36967	36975	0.78	cps
Cadmium	108-1	21688	21988	22055	21911	0.89	cps
Calcium	43-1	450914	457352	457973	455413	0.86	cps
Calcium	44-1	6874360	7033209	6541405	6816325	3.68	cps
Carbon	12-1	5891625	5942082	5977841	5937183	0.73	cps
Carbon	12-2	61605	61513	60249	61122	1.24	cps
Chlorine	35-1	293534	297502	294691	295242	0.69	cps
Chlorine	35-2	2109	2042	1967	2039	3.48	cps
Chromium	52-2	263878	258599	253304	258594	2.04	cps
Cobalt	59-2	469016	472331	458906	466751	1.50	cps
Copper	63-2	3960014	3812131	3675020	3815722	3.74	cps
Dysprosium	156-1	67	67	92	75	19.24	cps
Dysprosium	156-2	17	23	10	17	39.99	cps
Erbium	164-1	83	42	42	56	43.30	cps
Erbium	164-2	17	20	0	12	87.67	cps
Gadolinium	160-1	92	142	92	108	26.65	cps
Gadolinium	160-2	147	120	127	131	10.59	cps
Holmium	165-1	10176945	10542192	10107451	10275529	2.27	cps
Holmium	165-2	4356270	4271264	4416765	4348100	1.68	cps
Indium	115-1	8977104	8953594	9083854	9004851	0.77	cps
Indium	115-2	1319345	1302778	1291464	1304529	1.07	cps
Iron	54-2	632974	623739	612581	623098	1.64	cps
Iron	56-2	11849317	11492853	11404051	11582074	2.03	cps
Iron	57-2	282940	274688	273436	277021	1.86	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 11:42:44	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	569	602	566	579	3.50	cps
Lead	206-1	3686276	3685203	3629602	3667027	0.88	cps
Lead	207-1	3319768	3161129	3139025	3206641	3.07	cps
Lead	208-1	14748787	14614203	14477728	14613573	0.93	cps
Lithium	6-1	6543373	6425203	6509015	6492530	0.94	cps
Magnesium	24-2	2590920	2480042	2482753	2517905	2.51	cps
Manganese	55-2	1514183	1484745	1424183	1474370	3.11	cps
Molybdenum	94-1	3703088	3687795	3575279	3655387	1.91	cps
Molybdenum	95-1	5246757	5191127	5308025	5248636	1.11	cps
Molybdenum	96-1	5705339	5798993	5726642	5743658	0.85	cps
Molybdenum	97-1	3270246	3242364	3230360	3247657	0.63	cps
Molybdenum	98-1	8382719	8283289	8318116	8328041	0.61	cps
Neodymium	150-1	107	120	120	116	6.66	cps
Neodymium	150-2	7	0	10	6	91.64	cps
Nickel	60-2	129014	128700	123269	126995	2.54	cps
Phosphorus	31-2	12781	12389	12030	12400	3.03	cps
Potassium	39-2	878410	879340	853966	870572	1.65	cps
Rhodium	103-1	8531357	8605075	8890771	8675734	2.19	cps
Rhodium	103-2	3598944	3557515	3547294	3567918	0.77	cps
Scandium	45-1	7073677	6968374	6979658	7007236	0.83	cps
Scandium	45-2	207715	213049	210263	210343	1.27	cps
Selenium	82-1	23735	23115	23539	23463	1.35	cps
Selenium	77-2	640	680	693	671	4.14	cps
Selenium	78-2	2424	2274	2185	2295	5.27	cps
Silicon	28-1	3658404	3670846	3711769	3680340	0.76	cps
Silver	107-1	1399087	1407690	1395151	1400643	0.46	cps
Silver	109-1	1331447	1361085	1331427	1341320	1.28	cps
Sodium	23-2	4730397	4610845	4631268	4657503	1.37	cps
Strontium	86-1	8595413	8757485	8922011	8758303	1.86	cps
Strontium	88-1	75460295	75098043	76914539	75824293	1.27	cps
Sulfur	34-1	620809	608930	605836	611858	1.29	cps
Terbium	159-1	10549487	11068021	10574891	10730800	2.72	cps
Terbium	159-2	4440824	4474146	4541045	4485339	1.14	cps
Thallium	203-1	815297	820943	812797	816345	0.51	cps
Thallium	205-1	2030192	2002842	2012317	2015117	0.69	cps
Tin	118-1	840766	847068	844460	844098	0.38	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 11:42:44	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1788028	1805475	1736803	1776769	2.01	cps
Uranium	238-1	2710039	2608328	2550243	2622870	3.08	cps
Vanadium	51-2	207757	202529	199888	203392	1.97	cps
Ytterbium	172-1	92	42	50	61	43.83	cps
Ytterbium	172-2	17	39	11	22	66.14	cps
Ytterbium	176-1	3884	3917	4026	3942	1.88	cps
Ytterbium	176-2	8653	9081	8608	8781	2.97	cps
Yttrium	89-1	15614517	15879643	15813888	15769349	0.88	cps
Yttrium	89-2	1592588	1672116	1608784	1624496	2.59	cps
Zinc	66-2	448148	440433	434204	440928	1.58	cps
Zirconium	90-1	1835674	1867613	1875935	1859740	1.14	cps
Zirconium	91-1	409253	420234	411485	413657	1.40	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 11:45:52	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	377581	372506	369245	373111	1.13	cps
Antimony	121-1	1752318	1749060	1699540	1733640	1.71	cps
Arsenic	75-2	49163	49507	47189	48620	2.57	cps
Barium	135-1	2441105	2287893	2391064	2373354	3.29	cps
Barium	137-1	4053391	4115791	3970612	4046598	1.80	cps
Beryllium	9-1	886174	876293	880212	880893	0.56	cps
Bismuth	209-1	6016320	6169041	5946917	6044093	1.88	cps
Bismuth	209-2	3144597	3134663	3242602	3173954	1.88	cps
Boron	10-1	149198	161320	161656	157391	4.51	cps
Boron	11-1	667121	707656	731115	701964	4.61	cps
Bromine	81-1	69504	70993	70431	70309	1.07	cps
Cadmium	111-1	532925	525169	519285	525793	1.30	cps
Cadmium	106-1	68496	69149	68404	68683	0.59	cps
Cadmium	108-1	43226	42311	42750	42762	1.07	cps
Calcium	43-1	915945	916325	915600	915957	0.04	cps
Calcium	44-1	13788207	14044657	14104380	13979081	1.20	cps
Carbon	12-1	6152231	6174145	6292629	6206335	1.22	cps
Carbon	12-2	67522	66602	65806	66643	1.29	cps
Chlorine	35-1	300330	297454	297192	298325	0.58	cps
Chlorine	35-2	1909	1850	1984	1914	3.49	cps
Chromium	52-2	524974	522752	515960	521228	0.90	cps
Cobalt	59-2	970433	952436	922926	948598	2.53	cps
Copper	63-2	7550311	7475926	7266951	7431063	1.98	cps
Dysprosium	156-1	117	133	100	117	14.29	cps
Dysprosium	156-2	40	53	43	46	15.23	cps
Erbium	164-1	58	42	25	42	40.00	cps
Erbium	164-2	13	30	10	18	60.28	cps
Gadolinium	160-1	183	100	142	142	29.41	cps
Gadolinium	160-2	130	140	140	137	4.22	cps
Holmium	165-1	10416102	10211167	10116477	10247915	1.49	cps
Holmium	165-2	4464126	4560141	4438875	4487714	1.43	cps
Indium	115-1	9026051	9131845	8902589	9020162	1.27	cps
Indium	115-2	1313586	1325749	1289125	1309487	1.42	cps
Iron	54-2	1273081	1309205	1264008	1282098	1.86	cps
Iron	56-2	23399622	23521013	23598953	23506529	0.43	cps
Iron	57-2	571736	554369	551964	559356	1.93	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 11:45:52	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	520	544	600	555	7.41	cps
Lead	206-1	7375890	7171850	7115494	7221078	1.90	cps
Lead	207-1	6536384	6319783	6194958	6350375	2.72	cps
Lead	208-1	29168083	29381643	28253636	28934454	2.07	cps
Lithium	6-1	6636001	6663545	6447405	6582317	1.79	cps
Magnesium	24-2	5071665	5161169	4836190	5023008	3.34	cps
Manganese	55-2	2975602	2951635	2908678	2945305	1.15	cps
Molybdenum	94-1	7353638	7176508	7221830	7250659	1.27	cps
Molybdenum	95-1	10420435	10377114	10366095	10387881	0.28	cps
Molybdenum	96-1	11317024	11284575	11483012	11361537	0.94	cps
Molybdenum	97-1	6642128	6456926	6393607	6497554	1.99	cps
Molybdenum	98-1	16843557	17066311	16740763	16883544	0.99	cps
Neodymium	150-1	207	180	207	198	7.78	cps
Neodymium	150-2	20	13	17	17	20.01	cps
Nickel	60-2	257366	256118	252570	255352	0.97	cps
Phosphorus	31-2	24179	24021	24363	24187	0.71	cps
Potassium	39-2	1780857	1806284	1742144	1776428	1.82	cps
Rhodium	103-1	8722369	8846475	8866997	8811947	0.89	cps
Rhodium	103-2	3794538	3688769	3701686	3728331	1.55	cps
Scandium	45-1	6919154	7075263	7190165	7061527	1.93	cps
Scandium	45-2	219105	213983	215762	216283	1.20	cps
Selenium	82-1	45853	45857	45601	45770	0.32	cps
Selenium	77-2	1370	1307	1240	1306	4.98	cps
Selenium	78-2	4465	4407	4503	4458	1.08	cps
Silicon	28-1	6598184	6718216	6700221	6672207	0.97	cps
Silver	107-1	2848284	2860920	2740800	2816668	2.34	cps
Silver	109-1	2722208	2721240	2734780	2726076	0.28	cps
Sodium	23-2	9575911	9626396	9494922	9565743	0.69	cps
Strontium	86-1	17409310	17763321	17502246	17558292	1.05	cps
Strontium	88-1	153651062	155832608	150185095	153222921	1.86	cps
Sulfur	34-1	799056	784172	787461	790230	0.99	cps
Terbium	159-1	10841039	10990687	10804139	10878622	0.91	cps
Terbium	159-2	4417028	4660008	4539184	4538740	2.68	cps
Thallium	203-1	1690889	1708736	1664586	1688070	1.32	cps
Thallium	205-1	4196653	4123810	3907504	4075989	3.69	cps
Tin	118-1	1787313	1695672	1728311	1737098	2.67	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 11:45:52	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3543129	3653103	3566296	3587509	1.62	cps
Uranium	238-1	5343697	5227788	5043448	5204978	2.91	cps
Vanadium	51-2	424221	414553	410981	416585	1.64	cps
Ytterbium	172-1	50	50	125	75	57.74	cps
Ytterbium	172-2	44	28	22	31	36.74	cps
Ytterbium	176-1	6093	5927	5801	5940	2.46	cps
Ytterbium	176-2	9620	9809	9548	9659	1.40	cps
Yttrium	89-1	15435311	15797836	15641260	15624802	1.16	cps
Yttrium	89-2	1640699	1684242	1621305	1648749	1.95	cps
Zinc	66-2	864399	878667	851309	864792	1.58	cps
Zirconium	90-1	3671321	3626152	3773536	3690336	2.05	cps
Zirconium	91-1	836006	822774	821165	826648	0.99	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 11:48:58	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	766403	749044	734390	749946	2.14	cps
Antimony	121-1	3370175	3387676	3442331	3400061	1.11	cps
Arsenic	75-2	96792	95574	93431	95266	1.79	cps
Barium	135-1	4626421	4704122	4721495	4684013	1.08	cps
Barium	137-1	8225861	7954134	8027904	8069300	1.74	cps
Beryllium	9-1	1807032	1774810	1807775	1796539	1.05	cps
Bismuth	209-1	6153875	6149770	5996892	6100179	1.47	cps
Bismuth	209-2	3269784	3148717	2989863	3136121	4.48	cps
Boron	10-1	297397	325717	324177	315764	5.04	cps
Boron	11-1	1265457	1350322	1338211	1317996	3.48	cps
Bromine	81-1	69634	68266	71025	69642	1.98	cps
Cadmium	111-1	1017424	1007794	1003529	1009582	0.71	cps
Cadmium	106-1	127522	128246	129069	128279	0.60	cps
Cadmium	108-1	84508	82193	84776	83826	1.69	cps
Calcium	43-1	1886659	1908452	1872725	1889278	0.95	cps
Calcium	44-1	27549126	27688090	27154021	27463746	1.01	cps
Carbon	12-1	6530841	6646064	6600585	6592497	0.88	cps
Carbon	12-2	70001	68962	70729	69897	1.27	cps
Chlorine	35-1	294032	297835	299368	297078	0.92	cps
Chlorine	35-2	1717	2117	2100	1978	11.44	cps
Chromium	52-2	1047272	1020600	1028187	1032020	1.33	cps
Cobalt	59-2	2002399	1961522	1907018	1956979	2.45	cps
Copper	63-2	14965093	14526186	14725606	14738962	1.49	cps
Dysprosium	156-1	150	233	225	203	22.63	cps
Dysprosium	156-2	77	70	83	77	8.69	cps
Erbium	164-1	33	50	83	56	45.83	cps
Erbium	164-2	20	17	30	22	31.22	cps
Gadolinium	160-1	108	142	183	144	26.01	cps
Gadolinium	160-2	130	187	130	149	21.97	cps
Holmium	165-1	10543331	10232221	10099022	10291525	2.22	cps
Holmium	165-2	4582086	4407529	4561342	4516986	2.11	cps
Indium	115-1	8927013	8876552	8939771	8914445	0.38	cps
Indium	115-2	1291577	1291859	1315342	1299593	1.05	cps
Iron	54-2	2715516	2610010	2532917	2619481	3.50	cps
Iron	56-2	48202504	46781751	46908486	47297580	1.66	cps
Iron	57-2	1146187	1104721	1099558	1116822	2.29	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 11:48:58	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	559	569	596	575	3.38	cps
Lead	206-1	14214515	14295889	14436936	14315780	0.79	cps
Lead	207-1	12130246	12477409	12130993	12246216	1.63	cps
Lead	208-1	56461618	57793517	56599086	56951407	1.29	cps
Lithium	6-1	6703505	6377460	6426789	6502585	2.70	cps
Magnesium	24-2	10260748	10016085	9949475	10075436	1.63	cps
Manganese	55-2	6071874	5837689	5910758	5940107	2.02	cps
Molybdenum	94-1	14423540	14725659	14485827	14545009	1.10	cps
Molybdenum	95-1	21074555	20894858	21086703	21018705	0.51	cps
Molybdenum	96-1	22759519	23141861	23214454	23038611	1.06	cps
Molybdenum	97-1	12701760	12741150	12958091	12800334	1.08	cps
Molybdenum	98-1	33508671	33658392	33294963	33487342	0.55	cps
Neodymium	150-1	627	380	407	471	28.73	cps
Neodymium	150-2	23	10	27	20	44.10	cps
Nickel	60-2	513874	503692	495839	504468	1.79	cps
Phosphorus	31-2	45480	44628	44628	44912	1.10	cps
Potassium	39-2	3617042	3439434	3543138	3533205	2.53	cps
Rhodium	103-1	8582653	8674052	8469022	8575242	1.20	cps
Rhodium	103-2	3749923	3577258	3610041	3645741	2.52	cps
Scandium	45-1	7034885	6968066	7184621	7062524	1.57	cps
Scandium	45-2	217241	217019	221118	218459	1.06	cps
Selenium	82-1	90925	90370	90539	90612	0.31	cps
Selenium	77-2	2577	2514	2457	2516	2.39	cps
Selenium	78-2	8728	8743	8487	8653	1.66	cps
Silicon	28-1	12097148	12266152	12267929	12210410	0.80	cps
Silver	107-1	5758473	5550525	5578823	5629274	2.00	cps
Silver	109-1	5286625	5140561	5234529	5220572	1.42	cps
Sodium	23-2	18945849	19147162	18323496	18805502	2.28	cps
Strontium	86-1	35126588	35170457	35923784	35406943	1.27	cps
Strontium	88-1	297963915	309816182	303410248	303730115	1.95	cps
Sulfur	34-1	997288	968451	982843	982861	1.47	cps
Terbium	159-1	10999172	10862907	11317216	11059765	2.11	cps
Terbium	159-2	4555243	4511045	4585955	4550748	0.83	cps
Thallium	203-1	3445749	3433545	3470119	3449804	0.54	cps
Thallium	205-1	7987306	8012212	8038097	8012538	0.32	cps
Tin	118-1	3310253	3435730	3401874	3382619	1.92	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 11:48:58	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6911901	6872525	6961313	6915246	0.64	cps
Uranium	238-1	10399997	10448373	10477986	10442119	0.38	cps
Vanadium	51-2	853121	828911	828856	836963	1.67	cps
Ytterbium	172-1	67	75	100	81	21.53	cps
Ytterbium	172-2	67	22	33	41	56.78	cps
Ytterbium	176-1	10046	9454	9746	9748	3.04	cps
Ytterbium	176-2	11316	11755	11867	11646	2.50	cps
Yttrium	89-1	15852687	15468156	15573647	15631496	1.27	cps
Yttrium	89-2	1683592	1630365	1673001	1662319	1.69	cps
Zinc	66-2	1737263	1702803	1712267	1717444	1.04	cps
Zirconium	90-1	7362311	7396251	7490341	7416301	0.89	cps
Zirconium	91-1	1684218	1701905	1699896	1695340	0.57	cps

LB Number : LB121810 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired : 2022-08-30 11:52:07 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1566106	1605001	1523611	1564906	2.60	cps
Antimony	121-1	6784977	6736622	6833595	6785064	0.71	cps
Arsenic	75-2	192950	191978	191221	192050	0.45	cps
Barium	135-1	9531672	9882076	9678705	9697484	1.81	cps
Barium	137-1	16121252	16759800	16730551	16537201	2.18	cps
Beryllium	9-1	3373341	3478003	3391361	3414235	1.64	cps
Bismuth	209-1	5962005	6000762	5833206	5931991	1.48	cps
Bismuth	209-2	3041093	3074365	3017124	3044194	0.94	cps
Boron	10-1	613419	637004	619205	623209	1.97	cps
Boron	11-1	2527281	2698013	2577605	2600966	3.37	cps
Bromine	81-1	69805	68397	69836	69346	1.19	cps
Cadmium	111-1	2055209	2013974	2079799	2049661	1.62	cps
Cadmium	106-1	247869	252966	250429	250421	1.02	cps
Cadmium	108-1	167979	167848	167707	167845	0.08	cps
Calcium	43-1	3844124	3819990	3856233	3840116	0.48	cps
Calcium	44-1	55457283	55965571	55447299	55623384	0.53	cps
Carbon	12-1	7104414	7257298	7244446	7202052	1.18	cps
Carbon	12-2	76952	78878	77990	77940	1.24	cps
Chlorine	35-1	295573	299684	301984	299080	1.09	cps
Chlorine	35-2	1975	2034	1817	1942	5.77	cps
Chromium	52-2	2170188	2209739	2198099	2192676	0.93	cps
Cobalt	59-2	3850877	3940637	3911730	3901081	1.17	cps
Copper	63-2	29495799	29060050	29204237	29253362	0.76	cps
Dysprosium	156-1	417	408	358	394	8.00	cps
Dysprosium	156-2	147	137	150	144	4.80	cps
Erbium	164-1	75	117	58	83	36.06	cps
Erbium	164-2	37	37	27	33	17.32	cps
Gadolinium	160-1	192	333	250	258	27.56	cps
Gadolinium	160-2	227	227	177	210	13.75	cps
Holmium	165-1	10566447	10680473	10442709	10563210	1.13	cps
Holmium	165-2	4582123	4531289	4566108	4559840	0.57	cps
Indium	115-1	8892197	8796052	9194757	8961002	2.32	cps
Indium	115-2	1284326	1280280	1297911	1287505	0.72	cps
Iron	54-2	5338749	5345936	5164538	5283074	1.94	cps
Iron	56-2	93278558	93845247	92474510	93199438	0.74	cps
Iron	57-2	2398399	2402544	2375317	2392087	0.61	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 11:52:07	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	587	579	569	578	1.62	cps
Lead	206-1	28814955	28499475	27845505	28386645	1.74	cps
Lead	207-1	25339156	25115383	24678016	25044185	1.34	cps
Lead	208-1	114824743	114246422	113565014	114212059	0.55	cps
Lithium	6-1	6555590	6210535	6504445	6423523	2.90	cps
Magnesium	24-2	20455301	20554306	19710078	20239895	2.28	cps
Manganese	55-2	11959281	12193371	11668648	11940434	2.20	cps
Molybdenum	94-1	29299008	29554212	28849246	29234156	1.22	cps
Molybdenum	95-1	42729060	41973892	42067317	42256756	0.97	cps
Molybdenum	96-1	46986278	46073021	46506492	46521930	0.98	cps
Molybdenum	97-1	26859177	25601526	25630208	26030304	2.76	cps
Molybdenum	98-1	69898718	68530916	67484231	68637955	1.76	cps
Neodymium	150-1	967	900	760	876	12.05	cps
Neodymium	150-2	47	47	27	40	28.87	cps
Nickel	60-2	1001382	996396	997208	998328	0.27	cps
Phosphorus	31-2	89745	87774	90524	89348	1.59	cps
Potassium	39-2	7327090	7101659	7278246	7235665	1.64	cps
Rhodium	103-1	8604749	8670354	8722626	8665910	0.68	cps
Rhodium	103-2	3566004	3644207	3599032	3603081	1.09	cps
Scandium	45-1	7045565	7120861	7383647	7183358	2.47	cps
Scandium	45-2	218813	218843	217578	218411	0.33	cps
Selenium	82-1	176131	177649	177498	177093	0.47	cps
Selenium	77-2	5204	5134	5428	5255	2.92	cps
Selenium	78-2	17445	17083	17035	17188	1.30	cps
Silicon	28-1	22253217	22584712	22452628	22430186	0.74	cps
Silver	107-1	10805294	10841080	10532128	10726167	1.58	cps
Silver	109-1	10105342	10338184	10680005	10374510	2.79	cps
Sodium	23-2	39023686	39533536	39212293	39256505	0.66	cps
Strontium	86-1	72382089	72342514	70019810	71581471	1.89	cps
Strontium	88-1	618965097	605690264	626461464	617038942	1.70	cps
Sulfur	34-1	1542794	1560568	1509812	1537724	1.67	cps
Terbium	159-1	10974531	11130760	11153062	11086118	0.88	cps
Terbium	159-2	4629733	4690519	4664935	4661729	0.65	cps
Thallium	203-1	6475145	6407867	6845299	6576103	3.58	cps
Thallium	205-1	15911521	15882303	15937692	15910505	0.17	cps
Tin	118-1	6729973	6745022	6753149	6742715	0.17	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 11:52:07	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	14635524	14359290	14153448	14382754	1.68	cps
Uranium	238-1	21753962	21221016	21143923	21372967	1.55	cps
Vanadium	51-2	1770506	1731104	1730560	1744057	1.31	cps
Ytterbium	172-1	75	125	133	111	28.40	cps
Ytterbium	172-2	22	22	39	28	34.65	cps
Ytterbium	176-1	17712	17963	18071	17915	1.03	cps
Ytterbium	176-2	14881	14931	14998	14936	0.39	cps
Yttrium	89-1	15632725	15904889	16455190	15997601	2.62	cps
Yttrium	89-2	1671842	1681384	1695592	1682939	0.71	cps
Zinc	66-2	3326314	3351065	3398137	3358505	1.09	cps
Zirconium	90-1	15278158	15166646	14626302	15023702	2.32	cps
Zirconium	91-1	3455287	3340812	3333413	3376504	2.02	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 11:55:13	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6857122	7012013	7000931	6956689	1.24	cps
Antimony	121-1	5851	5843	6385	6027	5.15	cps
Arsenic	75-2	126	133	131	130	2.77	cps
Barium	135-1	3959	4459	3817	4079	8.27	cps
Barium	137-1	6927	7235	7260	7141	2.60	cps
Beryllium	9-1	407	355	351	371	8.47	cps
Bismuth	209-1	4793628	5259474	5115313	5056139	4.72	cps
Bismuth	209-2	2675801	2745698	2693049	2704849	1.35	cps
Boron	10-1	49995	44809	41578	45461	9.34	cps
Boron	11-1	219961	200719	185944	202208	8.44	cps
Bromine	81-1	69645	69554	69182	69461	0.35	cps
Cadmium	111-1	2110	2516	2465	2363	9.36	cps
Cadmium	106-1	5285	6368	6252	5968	9.97	cps
Cadmium	108-1	117	108	146	124	15.93	cps
Calcium	43-1	15959658	15616290	15186356	15587435	2.49	cps
Calcium	44-1	257940498	247927234	241747102	249204945	3.28	cps
Carbon	12-1	5896465	6011476	5824778	5910906	1.59	cps
Carbon	12-2	67313	67623	66526	67154	0.84	cps
Chlorine	35-1	290518	287608	289239	289122	0.50	cps
Chlorine	35-2	2050	1900	1817	1922	6.15	cps
Chromium	52-2	6098	6045	6021	6055	0.65	cps
Cobalt	59-2	13947	13527	13430	13634	2.02	cps
Copper	63-2	5995	5504	5438	5646	5.39	cps
Dysprosium	156-1	1000	1067	933	1000	6.67	cps
Dysprosium	156-2	283	307	283	291	4.63	cps
Erbium	164-1	117	75	42	78	48.31	cps
Erbium	164-2	33	23	30	29	17.63	cps
Gadolinium	160-1	775	625	667	689	11.24	cps
Gadolinium	160-2	367	377	340	361	5.25	cps
Holmium	165-1	8851524	10033581	9776860	9553988	6.51	cps
Holmium	165-2	4402523	4509049	4375998	4429190	1.59	cps
Indium	115-1	7550716	8598081	8474928	8207908	6.97	cps
Indium	115-2	1228933	1264225	1227509	1240223	1.68	cps
Iron	54-2	23166896	22571077	22593808	22777260	1.48	cps
Iron	56-2	429470443	414347865	411312376	418376895	2.32	cps
Iron	57-2	10591088	10243652	10148121	10327620	2.26	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 11:55:13	DataFile Name :	013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	629	631	654	638	2.16	cps
Lead	206-1	4918	4757	4868	4847	1.70	cps
Lead	207-1	4301	3990	4245	4179	3.97	cps
Lead	208-1	19456	19128	19011	19199	1.20	cps
Lithium	6-1	5539382	6202345	6063726	5935151	5.89	cps
Magnesium	24-2	93084675	89181071	88359181	90208309	2.80	cps
Manganese	55-2	6105	6428	6428	6320	2.96	cps
Molybdenum	94-1	10246	10254	9670	10057	3.33	cps
Molybdenum	95-1	12873	11405	10996	11758	8.39	cps
Molybdenum	96-1	35856	34335	33107	34433	4.00	cps
Molybdenum	97-1	8444	7619	7002	7688	9.41	cps
Molybdenum	98-1	19389	17995	16327	17904	8.56	cps
Neodymium	150-1	80	100	53	78	30.10	cps
Neodymium	150-2	40	27	20	29	35.25	cps
Nickel	60-2	3821	3701	3587	3703	3.15	cps
Phosphorus	31-2	1817	1842	1984	1881	4.78	cps
Potassium	39-2	33368829	33682595	32646302	33232575	1.60	cps
Rhodium	103-1	7120952	7768543	7736708	7542068	4.84	cps
Rhodium	103-2	3226187	3320457	3190271	3245638	2.07	cps
Scandium	45-1	6434732	6895520	6926158	6752137	4.08	cps
Scandium	45-2	212968	214982	209429	212460	1.32	cps
Selenium	82-1	286	254	219	253	13.35	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	58	66	65	63	6.92	cps
Silicon	28-1	1027337	1002119	976891	1002116	2.52	cps
Silver	107-1	3209	3326	2867	3134	7.60	cps
Silver	109-1	2825	2792	2600	2739	4.43	cps
Sodium	23-2	175763808	177427033	174439116	175876653	0.85	cps
Strontium	86-1	17403	17244	16468	17039	2.93	cps
Strontium	88-1	142853	142206	139773	141611	1.15	cps
Sulfur	34-1	376726	373351	380069	376715	0.89	cps
Terbium	159-1	9842629	10617031	10975691	10478451	5.53	cps
Terbium	159-2	4411827	4392009	4384801	4396213	0.32	cps
Thallium	203-1	2242	1984	1675	1967	14.43	cps
Thallium	205-1	5160	4893	4609	4887	5.63	cps
Tin	118-1	7744	7869	7594	7736	1.78	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 11:55:13	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1708	1500	1375	1528	11.02	cps
Uranium	238-1	883	950	1017	950	7.02	cps
Vanadium	51-2	387	463	437	429	9.07	cps
Ytterbium	172-1	200	225	142	189	22.64	cps
Ytterbium	172-2	61	89	83	78	18.90	cps
Ytterbium	176-1	1875	1984	1992	1950	3.34	cps
Ytterbium	176-2	7630	8230	8514	8125	5.55	cps
Yttrium	89-1	13938665	15279837	15406825	14875109	5.47	cps
Yttrium	89-2	1649578	1660242	1575741	1628520	2.83	cps
Zinc	66-2	2680	2480	2667	2609	4.29	cps
Zirconium	90-1	6485	6185	6068	6246	3.44	cps
Zirconium	91-1	1408	1317	1450	1392	4.90	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	ICV05	Instrumnet Name :	P8
Client Sample ID :	ICV05	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 12:18:08	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	37284	36659	35408	36450	2.62	cps
Antimony	121-1	1345878	1330873	1314487	1330413	1.18	cps
Arsenic	75-2	39320	38408	37806	38511	1.98	cps
Barium	135-1	179520	178935	177828	178761	0.48	cps
Barium	137-1	309391	309733	311702	310276	0.40	cps
Beryllium	9-1	357965	357771	351400	355712	1.05	cps
Bismuth	209-1	6557061	6246125	6497313	6433499	2.56	cps
Bismuth	209-2	3168546	3207062	3084950	3153520	1.98	cps
Boron	10-1	351266	354145	348743	351385	0.77	cps
Boron	11-1	1403883	1415913	1425352	1415050	0.76	cps
Bromine	81-1	70309	71856	74667	72278	3.06	cps
Cadmium	111-1	220366	218510	211895	216924	2.05	cps
Cadmium	106-1	52911	51882	49130	51308	3.81	cps
Cadmium	108-1	28680	29256	28968	28968	0.99	cps
Calcium	43-1	71196	72147	70297	71213	1.30	cps
Calcium	44-1	1071612	1080408	1043721	1065247	1.80	cps
Carbon	12-1	7522906	7320412	7259868	7367729	1.87	cps
Carbon	12-2	75193	75477	73652	74774	1.31	cps
Chlorine	35-1	1014279	1063665	1092081	1056675	3.73	cps
Chlorine	35-2	7561	7227	7852	7547	4.15	cps
Chromium	52-2	205913	208117	200941	204990	1.79	cps
Cobalt	59-2	377974	371626	361868	370490	2.19	cps
Copper	63-2	284062	279746	270383	278064	2.51	cps
Dysprosium	156-1	25	25	33	28	17.31	cps
Dysprosium	156-2	10	20	0	10	100.00	cps
Erbium	164-1	17	50	33	33	50.00	cps
Erbium	164-2	13	20	27	20	33.35	cps
Gadolinium	160-1	83	75	100	86	14.78	cps
Gadolinium	160-2	103	107	140	117	17.38	cps
Holmium	165-1	10295058	10475249	10486228	10418845	1.03	cps
Holmium	165-2	4376441	4348771	4534558	4419924	2.27	cps
Indium	115-1	9286838	9159970	9309075	9251961	0.87	cps
Indium	115-2	1300860	1312496	1289497	1300951	0.88	cps
Iron	54-2	200604	197370	188553	195509	3.19	cps
Iron	56-2	3704840	3609729	3418075	3577548	4.08	cps
Iron	57-2	85187	84534	81834	83852	2.12	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	ICV05	Instrumnet Name :	P8
Client Sample ID :	ICV05	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 12:18:08	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	554	569	537	553	2.82	cps
Lead	206-1	1128261	1123134	1128184	1126526	0.26	cps
Lead	207-1	944254	956964	913167	938128	2.40	cps
Lead	208-1	4686900	4673968	4500890	4620586	2.25	cps
Lithium	6-1	6680145	6554150	6655094	6629796	1.01	cps
Magnesium	24-2	230004	225488	217886	224459	2.73	cps
Manganese	55-2	113578	113706	106847	111377	3.52	cps
Molybdenum	94-1	14414906	14375813	13866759	14219160	2.15	cps
Molybdenum	95-1	20741436	20767471	20246422	20585109	1.43	cps
Molybdenum	96-1	22510926	22771669	22401785	22561460	0.84	cps
Molybdenum	97-1	12698206	12665587	12515773	12626522	0.77	cps
Molybdenum	98-1	33210802	32527413	32630790	32789668	1.12	cps
Neodymium	150-1	27	27	13	22	34.66	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	104397	102711	100553	102554	1.88	cps
Phosphorus	31-2	1775	1859	1875	1836	2.92	cps
Potassium	39-2	279777	276775	267712	274755	2.29	cps
Rhodium	103-1	9119831	8920347	8808803	8949660	1.76	cps
Rhodium	103-2	3724212	3833184	3564831	3707409	3.64	cps
Scandium	45-1	7203540	7129254	7127907	7153567	0.61	cps
Scandium	45-2	214597	215272	211269	213713	1.00	cps
Selenium	82-1	37748	38128	37634	37837	0.68	cps
Selenium	77-2	1097	1107	910	1038	10.67	cps
Selenium	78-2	3540	3565	3639	3581	1.44	cps
Silicon	28-1	4368079	4351562	4246639	4322094	1.52	cps
Silver	107-1	551780	558367	539620	549922	1.73	cps
Silver	109-1	516349	512304	500973	509875	1.56	cps
Sodium	23-2	758385	745290	695080	732918	4.56	cps
Strontium	86-1	1479439	1486981	1423310	1463243	2.38	cps
Strontium	88-1	12276003	12432923	11853432	12187452	2.46	cps
Sulfur	34-1	396583	398900	395883	397122	0.40	cps
Terbium	159-1	10773496	10810976	10835074	10806515	0.29	cps
Terbium	159-2	4527541	4478544	4427466	4477851	1.12	cps
Thallium	203-1	1391213	1405327	1363999	1386846	1.51	cps
Thallium	205-1	3512098	3390763	3531717	3478192	2.20	cps
Tin	118-1	3499613	3407258	3454991	3453954	1.34	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	ICV05	Instrumnet Name :	P8
Client Sample ID :	ICV05	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 12:18:08	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6591218	6873501	6575132	6679951	2.51	cps
Uranium	238-1	11619119	11138833	10826724	11194892	3.57	cps
Vanadium	51-2	159242	157820	153023	156695	2.08	cps
Ytterbium	172-1	42	83	25	50	60.09	cps
Ytterbium	172-2	28	28	22	26	12.38	cps
Ytterbium	176-1	9554	9187	9220	9320	2.18	cps
Ytterbium	176-2	11555	11939	11500	11665	2.05	cps
Yttrium	89-1	15836667	16042288	15763462	15880806	0.91	cps
Yttrium	89-2	1682086	1639092	1600483	1640554	2.49	cps
Zinc	66-2	68743	67624	65166	67177	2.72	cps
Zirconium	90-1	7199121	7328435	7236181	7254579	0.92	cps
Zirconium	91-1	1668823	1641937	1569273	1626678	3.17	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 12:40:19	DataFile Name :	018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1681	1555	1509	1582	5.65	cps
Antimony	121-1	13841	14091	12990	13641	4.23	cps
Arsenic	75-2	219	193	209	207	6.34	cps
Barium	135-1	18255	18371	18071	18232	0.83	cps
Barium	137-1	31504	30919	30418	30947	1.76	cps
Beryllium	9-1	3831	3974	3746	3850	2.99	cps
Bismuth	209-1	5921919	5794469	5832542	5849643	1.12	cps
Bismuth	209-2	3094491	3121515	3329588	3181865	4.04	cps
Boron	10-1	15113	15491	15813	15472	2.27	cps
Boron	11-1	65227	69510	70032	68257	3.86	cps
Bromine	81-1	80345	80968	78220	79844	1.80	cps
Cadmium	111-1	4253	3925	4055	4078	4.06	cps
Cadmium	106-1	6193	5510	6185	5963	6.58	cps
Cadmium	108-1	313	279	217	269	18.06	cps
Calcium	43-1	16422	16225	15993	16213	1.32	cps
Calcium	44-1	263386	261369	255382	260046	1.60	cps
Carbon	12-1	7540053	7338039	7200016	7359369	2.32	cps
Carbon	12-2	70544	71081	72438	71354	1.37	cps
Chlorine	35-1	289175	284337	290165	287892	1.08	cps
Chlorine	35-2	1950	1767	1742	1820	6.25	cps
Chromium	52-2	5094	4684	4637	4805	5.23	cps
Cobalt	59-2	3837	3991	4054	3961	2.81	cps
Copper	63-2	7462	7279	7132	7291	2.27	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	3	7	10	7	50.03	cps
Erbium	164-1	75	25	33	44	60.28	cps
Erbium	164-2	10	17	17	14	26.66	cps
Gadolinium	160-1	133	75	100	103	28.48	cps
Gadolinium	160-2	90	123	113	109	15.71	cps
Holmium	165-1	9732997	9535044	10182696	9816913	3.38	cps
Holmium	165-2	4320029	4382204	4454299	4385511	1.53	cps
Indium	115-1	9007224	8445503	8586280	8679669	3.37	cps
Indium	115-2	1328496	1335056	1365245	1342932	1.46	cps
Iron	54-2	6101	5879	5679	5887	3.59	cps
Iron	56-2	96866	91727	92589	93727	2.94	cps
Iron	57-2	2345	2200	2422	2322	4.86	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 12:40:19	DataFile Name :	018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	540	545	592	559	5.18	cps
Lead	206-1	6001	5957	6246	6068	2.57	cps
Lead	207-1	5512	5540	5090	5381	4.69	cps
Lead	208-1	24838	23954	23737	24176	2.41	cps
Lithium	6-1	6663044	6271727	6597021	6510597	3.22	cps
Magnesium	24-2	100883	101353	98819	100352	1.34	cps
Manganese	55-2	1183	1233	1410	1276	9.34	cps
Molybdenum	94-1	17970	18196	16961	17709	3.71	cps
Molybdenum	95-1	21217	22168	20090	21158	4.92	cps
Molybdenum	96-1	24714	23596	22477	23596	4.74	cps
Molybdenum	97-1	13423	13265	13207	13298	0.84	cps
Molybdenum	98-1	35354	34677	33892	34641	2.11	cps
Neodymium	150-1	0	20	13	11	91.66	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	1160	1087	1157	1135	3.65	cps
Phosphorus	31-2	2050	2084	1783	1972	8.34	cps
Potassium	39-2	85529	83970	84473	84657	0.94	cps
Rhodium	103-1	8689661	8479531	8578425	8582539	1.22	cps
Rhodium	103-2	3622485	3753932	3800507	3725641	2.48	cps
Scandium	45-1	6867858	6623078	6736128	6742355	1.82	cps
Scandium	45-2	216334	217860	223477	219224	1.72	cps
Selenium	82-1	966	967	927	954	2.38	cps
Selenium	77-2	37	17	33	29	37.08	cps
Selenium	78-2	164	181	162	169	6.18	cps
Silicon	28-1	865049	871316	872855	869740	0.48	cps
Silver	107-1	11288	11780	11338	11469	2.36	cps
Silver	109-1	10479	11355	10746	10860	4.13	cps
Sodium	23-2	203704	202293	203218	203072	0.35	cps
Strontium	86-1	3767	4067	3792	3876	4.30	cps
Strontium	88-1	25616	24397	23437	24483	4.46	cps
Sulfur	34-1	436439	441488	435712	437880	0.72	cps
Terbium	159-1	10367093	10110029	10211353	10229492	1.27	cps
Terbium	159-2	4460642	4502815	4605408	4522955	1.65	cps
Thallium	203-1	6885	6652	6427	6655	3.45	cps
Thallium	205-1	16252	16044	15560	15952	2.23	cps
Tin	118-1	36499	34737	34377	35204	3.23	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 12:40:19	DataFile Name :	018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7852	7394	7127	7458	4.92	cps
Uranium	238-1	19415	20200	18748	19454	3.74	cps
Vanadium	51-2	8433	7942	7932	8102	3.53	cps
Ytterbium	172-1	50	33	33	39	24.75	cps
Ytterbium	172-2	6	11	33	17	88.17	cps
Ytterbium	176-1	1617	1617	1975	1736	11.92	cps
Ytterbium	176-2	8008	8536	8664	8403	4.14	cps
Yttrium	89-1	15219099	14762841	15439356	15140432	2.28	cps
Yttrium	89-2	1607843	1643156	1718892	1656630	3.42	cps
Zinc	66-2	1063	937	1113	1038	8.78	cps
Zirconium	90-1	14433	14983	14458	14625	2.13	cps
Zirconium	91-1	3592	3259	3234	3362	5.95	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	ICB05	Instrumnet Name :	P8
Client Sample ID :	ICB05	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 12:43:30	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	104	94	105	101	6.12	cps
Antimony	121-1	58	50	67	58	14.29	cps
Arsenic	75-2	5	8	4	6	36.74	cps
Barium	135-1	33	25	75	44	60.28	cps
Barium	137-1	33	33	25	31	15.74	cps
Beryllium	9-1	40	51	57	50	17.88	cps
Bismuth	209-1	6401505	6288654	6419564	6369908	1.11	cps
Bismuth	209-2	3218771	3234304	3540757	3331277	5.45	cps
Boron	10-1	4292	4320	3954	4188	4.86	cps
Boron	11-1	18844	18596	18022	18487	2.28	cps
Bromine	81-1	77141	77413	77877	77477	0.48	cps
Cadmium	111-1	2062	2012	2059	2044	1.37	cps
Cadmium	106-1	6110	5918	5985	6004	1.62	cps
Cadmium	108-1	133	108	104	115	13.68	cps
Calcium	43-1	269	251	291	270	7.42	cps
Calcium	44-1	10167	10454	10408	10343	1.49	cps
Carbon	12-1	5968014	6006799	5948484	5974432	0.50	cps
Carbon	12-2	60031	61931	63002	61655	2.44	cps
Chlorine	35-1	380794	376113	372129	376345	1.15	cps
Chlorine	35-2	2559	2309	2384	2417	5.31	cps
Chromium	52-2	723	637	703	688	6.60	cps
Cobalt	59-2	40	50	80	57	36.74	cps
Copper	63-2	1390	1320	1367	1359	2.62	cps
Dysprosium	156-1	25	17	25	22	21.64	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	67	50	44	57.28	cps
Erbium	164-2	17	3	10	10	66.70	cps
Gadolinium	160-1	75	108	67	83	26.46	cps
Gadolinium	160-2	107	120	117	114	6.06	cps
Holmium	165-1	10424350	10571603	10326205	10440719	1.18	cps
Holmium	165-2	4500035	4536018	4606173	4547408	1.19	cps
Indium	115-1	9166317	9428517	9218932	9271255	1.50	cps
Indium	115-2	1352632	1371997	1510691	1411773	6.11	cps
Iron	54-2	983	894	928	935	4.80	cps
Iron	56-2	4562	4723	4734	4673	2.06	cps
Iron	57-2	178	150	128	152	16.50	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	ICB05	Instrumnet Name :	P8
Client Sample ID :	ICB05	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 12:43:30	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	567	602	565	578	3.63	cps
Lead	206-1	922	1006	922	950	5.06	cps
Lead	207-1	739	761	822	774	5.57	cps
Lead	208-1	3606	3789	3584	3660	3.08	cps
Lithium	6-1	6759460	6790990	6794141	6781530	0.28	cps
Magnesium	24-2	183	242	342	256	31.33	cps
Manganese	55-2	83	103	83	90	12.83	cps
Molybdenum	94-1	250	258	258	256	1.88	cps
Molybdenum	95-1	242	217	283	247	13.62	cps
Molybdenum	96-1	483	458	533	492	7.77	cps
Molybdenum	97-1	108	108	125	114	8.45	cps
Molybdenum	98-1	208	358	367	311	28.64	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	110	83	100	98	13.78	cps
Phosphorus	31-2	1667	1608	1850	1708	7.38	cps
Potassium	39-2	18178	18804	17419	18134	3.83	cps
Rhodium	103-1	8959456	9387778	9058813	9135349	2.45	cps
Rhodium	103-2	3695052	3774953	3969234	3813079	3.70	cps
Scandium	45-1	7242388	7189842	7399563	7277264	1.50	cps
Scandium	45-2	219135	221492	233195	224607	3.35	cps
Selenium	82-1	43	19	8	23	77.97	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	69	66	72	69	4.35	cps
Silicon	28-1	771641	759740	774370	768584	1.01	cps
Silver	107-1	200	192	125	172	23.87	cps
Silver	109-1	125	133	117	125	6.67	cps
Sodium	23-2	20223	20089	21266	20526	3.14	cps
Strontium	86-1	833	967	875	892	7.65	cps
Strontium	88-1	317	408	417	381	14.58	cps
Sulfur	34-1	435158	442055	433633	436949	1.03	cps
Terbium	159-1	11049653	10864665	11105447	11006588	1.15	cps
Terbium	159-2	4558637	4650172	4761287	4656699	2.18	cps
Thallium	203-1	267	242	233	247	7.02	cps
Thallium	205-1	517	708	775	667	20.12	cps
Tin	118-1	4551	4493	4392	4479	1.79	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	ICB05	Instrumnet Name :	P8
Client Sample ID :	ICB05	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 12:43:30	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	283	367	333	328	12.80	cps
Uranium	238-1	8	8	17	11	43.34	cps
Vanadium	51-2	0	3	0	1	173.21	cps
Ytterbium	172-1	67	42	83	64	32.83	cps
Ytterbium	172-2	28	33	11	24	48.04	cps
Ytterbium	176-1	2209	2084	1984	2092	5.39	cps
Ytterbium	176-2	8147	8681	8709	8512	3.72	cps
Yttrium	89-1	15750863	16069935	15753479	15858092	1.16	cps
Yttrium	89-2	1666183	1709912	1797765	1724620	3.89	cps
Zinc	66-2	203	207	217	209	3.32	cps
Zirconium	90-1	650	642	692	661	4.05	cps
Zirconium	91-1	58	75	100	78	26.96	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	ICSA05	Instrumnet Name :	P8
Client Sample ID :	ICSA05	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 12:46:39	DataFile Name :	020ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7403981	7327296	7442929	7391402	0.80	cps
Antimony	121-1	7878	7744	7986	7869	1.54	cps
Arsenic	75-2	54	82	64	67	21.28	cps
Barium	135-1	2509	2934	3117	2853	10.94	cps
Barium	137-1	4843	4843	4935	4873	1.09	cps
Beryllium	9-1	1075	1001	1017	1031	3.76	cps
Bismuth	209-1	5943594	5807251	5645207	5798684	2.58	cps
Bismuth	209-2	2966722	2934434	2974626	2958594	0.72	cps
Boron	10-1	3562	3472	3404	3479	2.28	cps
Boron	11-1	15447	15621	15403	15490	0.74	cps
Bromine	81-1	80463	82647	83222	82110	1.77	cps
Cadmium	111-1	3299	3036	2972	3102	5.58	cps
Cadmium	106-1	6001	6043	5918	5988	1.06	cps
Cadmium	108-1	1896	2113	2113	2040	6.13	cps
Calcium	43-1	3227681	3304273	3153462	3228472	2.34	cps
Calcium	44-1	50723665	51233900	50405828	50787797	0.82	cps
Carbon	12-1	33093302	33281134	32755444	33043293	0.81	cps
Carbon	12-2	326684	337154	323758	329199	2.14	cps
Chlorine	35-1	16563519	19683551	22576379	19607816	15.34	cps
Chlorine	35-2	182195	193044	200229	191823	4.73	cps
Chromium	52-2	43981	41691	42680	42784	2.68	cps
Cobalt	59-2	4467	4671	4444	4527	2.75	cps
Copper	63-2	23116	23119	23770	23335	1.61	cps
Dysprosium	156-1	67	58	25	50	44.10	cps
Dysprosium	156-2	7	17	7	10	57.72	cps
Erbium	164-1	67	67	42	58	24.74	cps
Erbium	164-2	17	23	40	27	45.07	cps
Gadolinium	160-1	183	150	100	144	29.04	cps
Gadolinium	160-2	123	147	140	137	8.79	cps
Holmium	165-1	10340567	10613566	10237394	10397176	1.87	cps
Holmium	165-2	4500589	4423378	4325109	4416358	1.99	cps
Indium	115-1	8986550	8700285	8965187	8884007	1.79	cps
Indium	115-2	1300640	1276142	1287385	1288056	0.95	cps
Iron	54-2	9972089	9959379	9933991	9955153	0.19	cps
Iron	56-2	184687243	184484654	183877099	184349665	0.23	cps
Iron	57-2	4623747	4601575	4553395	4592906	0.78	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	ICSA05	Instrumnet Name :	P8
Client Sample ID :	ICSA05	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 12:46:39	DataFile Name :	020ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	574	551	611	579	5.24	cps
Lead	206-1	26505	28014	27831	27450	3.00	cps
Lead	207-1	21379	21518	21613	21504	0.55	cps
Lead	208-1	100960	102442	104647	102683	1.81	cps
Lithium	6-1	6625818	6528828	6503099	6552582	0.99	cps
Magnesium	24-2	19584816	19659898	19553726	19599480	0.28	cps
Manganese	55-2	8609	9363	9080	9017	4.22	cps
Molybdenum	94-1	4689383	4688348	4755096	4710942	0.81	cps
Molybdenum	95-1	8512618	8257474	8210656	8326916	1.95	cps
Molybdenum	96-1	9063407	8768968	9003985	8945453	1.74	cps
Molybdenum	97-1	5154266	5170480	5077567	5134104	0.97	cps
Molybdenum	98-1	12996011	13476089	12932968	13135023	2.26	cps
Neodymium	150-1	40	40	47	42	9.12	cps
Neodymium	150-2	0	17	10	9	94.38	cps
Nickel	60-2	5671	5598	5401	5557	2.51	cps
Phosphorus	31-2	439775	431544	434509	435276	0.96	cps
Potassium	39-2	13861099	14083166	14118373	14020879	0.99	cps
Rhodium	103-1	8613376	8373653	8500207	8495745	1.41	cps
Rhodium	103-2	3544178	3453181	3493105	3496821	1.30	cps
Scandium	45-1	7112118	7276043	7052344	7146835	1.62	cps
Scandium	45-2	218620	213621	219594	217278	1.47	cps
Selenium	82-1	69	80	102	84	20.51	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	66	73	72	70	5.38	cps
Silicon	28-1	972860	962998	932676	956178	2.19	cps
Silver	107-1	383	383	408	392	3.69	cps
Silver	109-1	292	275	367	311	15.69	cps
Sodium	23-2	37911301	38714270	38426856	38350809	1.06	cps
Strontium	86-1	96827	97691	101467	98662	2.50	cps
Strontium	88-1	849007	828033	864520	847187	2.16	cps
Sulfur	34-1	5715061	5803148	5658427	5725545	1.27	cps
Terbium	159-1	11163525	11274822	10874421	11104256	1.86	cps
Terbium	159-2	4624642	4495479	4605645	4575255	1.52	cps
Thallium	203-1	858	825	1225	970	22.90	cps
Thallium	205-1	1975	2134	2550	2220	13.39	cps
Tin	118-1	5501	5385	6410	5765	9.74	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	ICSA05	Instrumnet Name :	P8
Client Sample ID :	ICSA05	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 12:46:39	DataFile Name :	020ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2935777	2926277	2857879	2906644	1.46	cps
Uranium	238-1	333	500	1217	684	68.70	cps
Vanadium	51-2	297	223	250	257	14.46	cps
Ytterbium	172-1	42	75	67	61	28.38	cps
Ytterbium	172-2	22	28	44	31	36.74	cps
Ytterbium	176-1	1734	1875	1875	1828	4.48	cps
Ytterbium	176-2	7858	7908	8386	8051	3.62	cps
Yttrium	89-1	16061811	15663381	15763906	15829699	1.31	cps
Yttrium	89-2	1662636	1629879	1633135	1641883	1.10	cps
Zinc	66-2	3884	3807	3791	3827	1.30	cps
Zirconium	90-1	858	1042	1942	1281	45.29	cps
Zirconium	91-1	217	150	358	242	44.03	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	ICSAB05	Instrumnet Name :	P8
Client Sample ID :	ICSAB05	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 12:49:39	DataFile Name :	021ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7749497	7806991	7404815	7653768	2.84	cps
Antimony	121-1	144790	151067	147939	147932	2.12	cps
Arsenic	75-2	4111	4126	4073	4103	0.67	cps
Barium	135-1	40888	42301	39517	40902	3.40	cps
Barium	137-1	72052	71306	69933	71097	1.51	cps
Beryllium	9-1	72738	70894	71120	71584	1.40	cps
Bismuth	209-1	5821812	5945607	5800938	5856119	1.34	cps
Bismuth	209-2	3030685	3056901	3039811	3042466	0.44	cps
Boron	10-1	29396	29313	30928	29879	3.04	cps
Boron	11-1	134208	134425	136499	135044	0.94	cps
Bromine	81-1	84934	84433	86033	85133	0.96	cps
Cadmium	111-1	43648	44635	42464	43582	2.49	cps
Cadmium	106-1	12523	12648	12056	12409	2.52	cps
Cadmium	108-1	5826	5739	5660	5742	1.45	cps
Calcium	43-1	3316271	3429610	3225432	3323771	3.08	cps
Calcium	44-1	53247199	54157515	50864533	52756416	3.22	cps
Carbon	12-1	34493572	34819990	33744161	34352574	1.61	cps
Carbon	12-2	336468	336894	329752	334371	1.20	cps
Chlorine	35-1	26193560	29439323	31116924	28916602	8.66	cps
Chlorine	35-2	235850	241551	242246	239882	1.46	cps
Chromium	52-2	86725	86557	84381	85888	1.52	cps
Cobalt	59-2	82710	82715	80801	82075	1.34	cps
Copper	63-2	81104	81804	78808	80572	1.95	cps
Dysprosium	156-1	50	25	42	39	32.73	cps
Dysprosium	156-2	13	7	13	11	34.61	cps
Erbium	164-1	183	25	33	81	110.62	cps
Erbium	164-2	20	40	23	28	38.58	cps
Gadolinium	160-1	92	67	83	81	15.80	cps
Gadolinium	160-2	120	133	103	119	12.64	cps
Holmium	165-1	10730992	10722346	10557838	10670392	0.91	cps
Holmium	165-2	4645388	4376497	4547691	4523192	3.01	cps
Indium	115-1	9352474	9362087	9181159	9298573	1.09	cps
Indium	115-2	1337019	1322324	1332402	1330582	0.56	cps
Iron	54-2	10327715	9898294	9773643	9999884	2.91	cps
Iron	56-2	187218893	185323032	184771637	185771187	0.69	cps
Iron	57-2	4617733	4618773	4578379	4604962	0.50	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	ICSAB05	Instrumnet Name :	P8
Client Sample ID :	ICSAB05	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 12:49:39	DataFile Name :	021ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	584	602	655	614	6.02	cps
Lead	206-1	135560	136161	134928	135550	0.45	cps
Lead	207-1	111527	113523	110049	111700	1.56	cps
Lead	208-1	525142	521523	519193	521952	0.57	cps
Lithium	6-1	6683869	6563603	6586557	6611343	0.97	cps
Magnesium	24-2	19912469	19691678	19566467	19723538	0.89	cps
Manganese	55-2	32968	32206	31942	32372	1.65	cps
Molybdenum	94-1	5198358	5098299	5059397	5118685	1.40	cps
Molybdenum	95-1	8595346	8526199	8640004	8587183	0.67	cps
Molybdenum	96-1	9236102	9346150	9257033	9279762	0.63	cps
Molybdenum	97-1	5323079	5493332	5343486	5386632	1.73	cps
Molybdenum	98-1	14165635	14072296	14033473	14090468	0.48	cps
Neodymium	150-1	67	53	53	58	13.33	cps
Neodymium	150-2	3	10	13	9	57.30	cps
Nickel	60-2	25977	25917	25376	25757	1.29	cps
Phosphorus	31-2	450646	450218	428008	442957	2.92	cps
Potassium	39-2	14268764	14232266	13855677	14118903	1.62	cps
Rhodium	103-1	8700427	8880895	8712202	8764508	1.15	cps
Rhodium	103-2	3711225	3676657	3671581	3686488	0.59	cps
Scandium	45-1	7511939	7412054	7528963	7484318	0.84	cps
Scandium	45-2	225937	227825	228183	227315	0.53	cps
Selenium	82-1	3910	3895	3808	3871	1.43	cps
Selenium	77-2	123	83	110	106	19.30	cps
Selenium	78-2	385	407	401	398	2.86	cps
Silicon	28-1	1343717	1352268	1330815	1342267	0.80	cps
Silver	107-1	207202	212043	206967	208738	1.37	cps
Silver	109-1	201945	202799	200120	201622	0.68	cps
Sodium	23-2	39330192	39742255	37912405	38994951	2.46	cps
Strontium	86-1	257357	259140	249620	255372	1.98	cps
Strontium	88-1	2158447	2257270	2180273	2198663	2.36	cps
Sulfur	34-1	6011154	5929178	5779812	5906715	1.99	cps
Terbium	159-1	11592140	11222673	11050796	11288536	2.45	cps
Terbium	159-2	4719279	4699425	4513216	4643973	2.45	cps
Thallium	203-1	135289	130421	133130	132947	1.83	cps
Thallium	205-1	327469	319408	321654	322844	1.29	cps
Tin	118-1	361507	375519	360759	365929	2.27	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	ICSAB05	Instrumnet Name :	P8
Client Sample ID :	ICSAB05	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 12:49:39	DataFile Name :	021ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3172540	3085374	3022640	3093518	2.43	cps
Uranium	238-1	1100091	1101834	1045687	1082537	2.95	cps
Vanadium	51-2	34579	34973	33880	34477	1.60	cps
Ytterbium	172-1	58	33	100	64	52.72	cps
Ytterbium	172-2	33	33	28	31	10.18	cps
Ytterbium	176-1	3009	2692	2792	2831	5.72	cps
Ytterbium	176-2	8142	8925	9148	8738	6.05	cps
Yttrium	89-1	16484400	16714576	16855017	16684664	1.12	cps
Yttrium	89-2	1716641	1651169	1740925	1702911	2.73	cps
Zinc	66-2	10594	10227	10127	10316	2.38	cps
Zirconium	90-1	795093	804521	780469	793361	1.53	cps
Zirconium	91-1	177449	176031	174075	175851	0.96	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 12:52:35	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3968716	3843534	3708722	3840324	3.39	cps
Antimony	121-1	3509518	3396654	3309796	3405323	2.94	cps
Arsenic	75-2	92441	90477	90210	91043	1.34	cps
Barium	135-1	4909153	4973030	4805781	4895988	1.72	cps
Barium	137-1	8516254	8469721	8285251	8423742	1.45	cps
Beryllium	9-1	1728918	1717953	1755014	1733962	1.10	cps
Bismuth	209-1	5636666	5717189	5788762	5714206	1.33	cps
Bismuth	209-2	2896490	2764115	2880169	2846924	2.54	cps
Boron	10-1	340295	355189	355338	350274	2.47	cps
Boron	11-1	1517057	1535503	1550262	1534274	1.08	cps
Bromine	81-1	77111	78815	76799	77575	1.40	cps
Cadmium	111-1	1044126	1033725	1017785	1031879	1.29	cps
Cadmium	106-1	132368	127860	126656	128961	2.34	cps
Cadmium	108-1	84910	83036	82990	83645	1.31	cps
Calcium	43-1	8842923	8745198	8472976	8687032	2.21	cps
Calcium	44-1	140678615	134383952	134968309	136676959	2.54	cps
Carbon	12-1	6990005	6987532	6961747	6979762	0.22	cps
Carbon	12-2	73459	73987	73576	73674	0.38	cps
Chlorine	35-1	7330139	6793600	6387536	6837092	6.92	cps
Chlorine	35-2	37123	34776	35595	35831	3.33	cps
Chromium	52-2	1053194	1032071	1022371	1035879	1.52	cps
Cobalt	59-2	2029430	1914584	1881174	1941729	4.00	cps
Copper	63-2	15222513	14831597	14672089	14908733	1.90	cps
Dysprosium	156-1	658	683	608	650	5.88	cps
Dysprosium	156-2	150	233	190	191	21.81	cps
Erbium	164-1	117	142	58	106	40.51	cps
Erbium	164-2	37	27	30	31	16.37	cps
Gadolinium	160-1	300	450	300	350	24.74	cps
Gadolinium	160-2	207	277	253	246	14.51	cps
Holmium	165-1	10841256	10776700	10631166	10749707	1.00	cps
Holmium	165-2	4422251	4417577	4514590	4451473	1.23	cps
Indium	115-1	9218648	9229122	8874236	9107336	2.22	cps
Indium	115-2	1246883	1222961	1289693	1253179	2.70	cps
Iron	54-2	12496283	12235454	12012565	12248101	1.98	cps
Iron	56-2	227446083	221162688	220724094	223110955	1.69	cps
Iron	57-2	5625106	5676586	5517791	5606494	1.45	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 12:52:35	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	590	671	575	612	8.46	cps
Lead	206-1	13477185	13842104	14241739	13853676	2.76	cps
Lead	207-1	12021769	12281871	12671160	12324933	2.65	cps
Lead	208-1	55871011	56472727	56687804	56343848	0.75	cps
Lithium	6-1	6685382	6555726	6700417	6647175	1.20	cps
Magnesium	24-2	46152652	46187380	46529492	46289841	0.45	cps
Manganese	55-2	6034304	5753071	5811036	5866137	2.53	cps
Molybdenum	94-1	15383519	15627890	14895238	15302215	2.44	cps
Molybdenum	95-1	22476774	21926951	21353220	21918982	2.56	cps
Molybdenum	96-1	23649334	23691130	23438877	23593114	0.57	cps
Molybdenum	97-1	13459312	13484392	13032775	13325493	1.90	cps
Molybdenum	98-1	36062878	35138230	34672315	35291141	2.01	cps
Neodymium	150-1	533	553	493	527	5.80	cps
Neodymium	150-2	50	43	37	43	15.38	cps
Nickel	60-2	542968	526998	527125	532364	1.73	cps
Phosphorus	31-2	45547	43591	44970	44703	2.25	cps
Potassium	39-2	18183866	17847904	17330929	17787566	2.42	cps
Rhodium	103-1	8546077	8589962	8412180	8516073	1.09	cps
Rhodium	103-2	3443467	3362691	3502731	3436297	2.05	cps
Scandium	45-1	7481750	7554927	7636454	7557710	1.02	cps
Scandium	45-2	222248	215448	225389	221028	2.30	cps
Selenium	82-1	92708	92114	91415	92079	0.70	cps
Selenium	77-2	2557	2490	2424	2490	2.68	cps
Selenium	78-2	8650	8603	8369	8540	1.76	cps
Silicon	28-1	18599627	18739580	18505758	18614988	0.63	cps
Silver	107-1	5520968	5354206	5354314	5409829	1.78	cps
Silver	109-1	5146640	5295609	5307230	5249826	1.71	cps
Sodium	23-2	96276227	93436308	94481444	94731326	1.52	cps
Strontium	86-1	37227250	36964063	36591848	36927720	0.86	cps
Strontium	88-1	323221416	316489374	313555540	317755443	1.56	cps
Sulfur	34-1	999001	995392	965589	986661	1.86	cps
Terbium	159-1	10956035	11249364	11211649	11139016	1.43	cps
Terbium	159-2	4491610	4465551	4560316	4505826	1.09	cps
Thallium	203-1	3217678	3404035	3383880	3335198	3.07	cps
Thallium	205-1	7818935	7902872	7810735	7844181	0.65	cps
Tin	118-1	3554092	3474951	3478411	3502485	1.28	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 12:52:35	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7449108	7633503	7414503	7499038	1.57	cps
Uranium	238-1	10408340	10697533	10340321	10482065	1.81	cps
Vanadium	51-2	866340	850835	845111	854095	1.29	cps
Ytterbium	172-1	167	108	200	158	29.30	cps
Ytterbium	172-2	89	28	33	50	67.59	cps
Ytterbium	176-1	10188	10429	10263	10293	1.20	cps
Ytterbium	176-2	11555	10905	11689	11383	3.68	cps
Yttrium	89-1	16251576	16342841	16341442	16311953	0.32	cps
Yttrium	89-2	1672083	1621469	1729093	1674215	3.22	cps
Zinc	66-2	1703641	1652181	1651688	1669170	1.79	cps
Zirconium	90-1	8056183	7977819	7774482	7936161	1.83	cps
Zirconium	91-1	1812027	1769518	1774255	1785267	1.30	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:02:48	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	112	116	101	110	7.10	cps
Antimony	121-1	317	425	692	478	40.39	cps
Arsenic	75-2	5	8	10	8	32.83	cps
Barium	135-1	8	25	408	147	153.70	cps
Barium	137-1	50	75	475	200	119.25	cps
Beryllium	9-1	65	45	812	307	142.24	cps
Bismuth	209-1	6364214	6627460	6466628	6486100	2.05	cps
Bismuth	209-2	3375240	3289180	3334122	3332847	1.29	cps
Boron	10-1	5858	6000	6186	6015	2.74	cps
Boron	11-1	26883	26933	27304	27040	0.85	cps
Bromine	81-1	77032	78131	80293	78485	2.11	cps
Cadmium	111-1	1909	2399	2256	2188	11.53	cps
Cadmium	106-1	5501	6835	6218	6185	10.79	cps
Cadmium	108-1	42	38	42	40	5.98	cps
Calcium	43-1	267	240	3126	1211	136.92	cps
Calcium	44-1	10829	10929	47954	23237	92.12	cps
Carbon	12-1	6352823	6209830	6350765	6304473	1.30	cps
Carbon	12-2	64157	64258	62793	63736	1.28	cps
Chlorine	35-1	1463006	1452606	1409091	1441568	1.98	cps
Chlorine	35-2	9562	9003	8586	9050	5.41	cps
Chromium	52-2	713	630	663	669	6.27	cps
Cobalt	59-2	20	63	47	43	50.44	cps
Copper	63-2	1977	1943	1887	1936	2.35	cps
Dysprosium	156-1	17	17	25	19	24.73	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	50	75	50	58	24.74	cps
Erbium	164-2	13	7	40	20	88.19	cps
Gadolinium	160-1	92	142	58	97	43.14	cps
Gadolinium	160-2	123	97	140	120	18.21	cps
Holmium	165-1	10372402	10452151	10921855	10582136	2.81	cps
Holmium	165-2	4431985	4483133	4453967	4456362	0.58	cps
Indium	115-1	9425393	9648006	9664089	9579163	1.39	cps
Indium	115-2	1354614	1358734	1347508	1353619	0.42	cps
Iron	54-2	867	889	800	852	5.43	cps
Iron	56-2	5134	4951	4934	5007	2.22	cps
Iron	57-2	144	167	167	159	8.06	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:02:48	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	616	581	630	609	4.13	cps
Lead	206-1	1161	1156	11797	4705	130.56	cps
Lead	207-1	928	1022	9424	3792	128.67	cps
Lead	208-1	4506	4423	44409	17779	129.71	cps
Lithium	6-1	6496860	6829646	7102460	6809655	4.45	cps
Magnesium	24-2	392	258	250	300	26.50	cps
Manganese	55-2	87	103	107	99	10.84	cps
Molybdenum	94-1	675	567	2710	1317	91.65	cps
Molybdenum	95-1	808	683	4061	1851	103.46	cps
Molybdenum	96-1	1033	1008	4103	2048	86.87	cps
Molybdenum	97-1	467	558	2510	1178	97.95	cps
Molybdenum	98-1	1508	1225	5529	2754	87.40	cps
Neodymium	150-1	13	13	20	16	24.76	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	107	60	70	79	31.15	cps
Phosphorus	31-2	1850	1833	1758	1814	2.69	cps
Potassium	39-2	18721	18879	19372	18991	1.79	cps
Rhodium	103-1	9271288	9578567	9508204	9452686	1.70	cps
Rhodium	103-2	3874701	3919666	3931235	3908534	0.76	cps
Scandium	45-1	7073536	7454172	7460108	7329272	3.02	cps
Scandium	45-2	226785	225767	223361	225304	0.78	cps
Selenium	82-1	-20	49	-71	-14	-425.03	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	70	61	72	68	8.66	cps
Silicon	28-1	780936	772228	774255	775806	0.59	cps
Silver	107-1	342	267	442	350	25.09	cps
Silver	109-1	142	275	358	258	42.31	cps
Sodium	23-2	26566	27426	26834	26942	1.63	cps
Strontium	86-1	992	883	4679	2185	98.90	cps
Strontium	88-1	892	867	30311	10690	158.96	cps
Sulfur	34-1	423734	426127	433534	427798	1.19	cps
Terbium	159-1	11090614	11504343	11250942	11281966	1.85	cps
Terbium	159-2	4691851	4706450	4427740	4608681	3.40	cps
Thallium	203-1	667	717	3675	1686	102.16	cps
Thallium	205-1	1767	2092	8760	4206	93.84	cps
Tin	118-1	3651	3726	4426	3934	10.87	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:02:48	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	242	250	2093	862	123.78	cps
Uranium	238-1	17	58	6406	2160	170.20	cps
Vanadium	51-2	7	3	0	3	100.05	cps
Ytterbium	172-1	42	50	67	53	24.12	cps
Ytterbium	172-2	33	33	39	35	9.12	cps
Ytterbium	176-1	1950	1725	1884	1853	6.24	cps
Ytterbium	176-2	8503	8647	8625	8592	0.91	cps
Yttrium	89-1	16201939	16206215	16777322	16395159	2.02	cps
Yttrium	89-2	1732200	1660875	1692530	1695202	2.11	cps
Zinc	66-2	200	177	183	187	6.44	cps
Zirconium	90-1	525	633	1392	850	55.56	cps
Zirconium	91-1	117	117	300	178	59.54	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:11:11	DataFile Name :	024LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1817	1796	1827	1814	0.88	cps
Antimony	121-1	14216	14466	14058	14247	1.45	cps
Arsenic	75-2	234	230	244	236	3.06	cps
Barium	135-1	19272	18914	18855	19014	1.19	cps
Barium	137-1	32715	32607	33041	32788	0.69	cps
Beryllium	9-1	3931	3990	3938	3953	0.82	cps
Bismuth	209-1	6336167	6310193	6450269	6365543	1.17	cps
Bismuth	209-2	3414545	3310370	3338577	3354497	1.61	cps
Boron	10-1	15401	15369	16198	15656	3.00	cps
Boron	11-1	65206	68046	70939	68063	4.21	cps
Bromine	81-1	83616	81562	84098	83092	1.62	cps
Cadmium	111-1	4380	4757	4477	4538	4.31	cps
Cadmium	106-1	6152	6435	6343	6310	2.29	cps
Cadmium	108-1	242	250	204	232	10.53	cps
Calcium	43-1	17395	16884	17033	17104	1.54	cps
Calcium	44-1	276518	272775	276828	275374	0.82	cps
Carbon	12-1	7714843	7434552	7548253	7565882	1.86	cps
Carbon	12-2	73895	72797	72705	73132	0.91	cps
Chlorine	35-1	844099	832095	832212	836135	0.82	cps
Chlorine	35-2	5359	5418	5034	5271	3.92	cps
Chromium	52-2	5341	5398	5108	5282	2.91	cps
Cobalt	59-2	4424	4221	4324	4323	2.35	cps
Copper	63-2	8486	8633	8526	8548	0.89	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	42	50	33	42	20.00	cps
Erbium	164-2	10	27	17	18	47.19	cps
Gadolinium	160-1	108	150	100	119	22.43	cps
Gadolinium	160-2	107	123	110	113	7.78	cps
Holmium	165-1	10092203	10242097	10483678	10272659	1.92	cps
Holmium	165-2	4590195	4435440	4512854	4512829	1.71	cps
Indium	115-1	9310824	9513257	9579188	9467756	1.48	cps
Indium	115-2	1409940	1404534	1360216	1391563	1.96	cps
Iron	54-2	6535	6246	6685	6489	3.44	cps
Iron	56-2	105303	101309	104811	103808	2.10	cps
Iron	57-2	2784	2528	2817	2710	5.83	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:11:11	DataFile Name :	024LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	622	569	584	592	4.69	cps
Lead	206-1	6791	6252	6530	6524	4.13	cps
Lead	207-1	5874	5401	5629	5635	4.19	cps
Lead	208-1	27206	25066	25694	25989	4.23	cps
Lithium	6-1	6414029	6736225	6694772	6615009	2.65	cps
Magnesium	24-2	108657	111358	112737	110917	1.87	cps
Manganese	55-2	1390	1420	1463	1425	2.59	cps
Molybdenum	94-1	18680	18822	18045	18516	2.23	cps
Molybdenum	95-1	22594	22778	22970	22780	0.82	cps
Molybdenum	96-1	25274	24631	24823	24909	1.33	cps
Molybdenum	97-1	13791	13666	14525	13994	3.32	cps
Molybdenum	98-1	36875	35312	34978	35722	2.83	cps
Neodymium	150-1	27	7	7	13	86.58	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	1357	1287	1123	1256	9.54	cps
Phosphorus	31-2	1934	2075	1683	1897	10.45	cps
Potassium	39-2	92959	93092	93973	93341	0.59	cps
Rhodium	103-1	9053062	9218383	9566209	9279218	2.82	cps
Rhodium	103-2	4061298	3891609	3888301	3947069	2.51	cps
Scandium	45-1	7354820	7330722	7399057	7361533	0.47	cps
Scandium	45-2	238333	229533	225533	231133	2.83	cps
Selenium	82-1	1019	1104	1067	1063	4.01	cps
Selenium	77-2	23	33	40	32	26.04	cps
Selenium	78-2	176	185	194	185	4.86	cps
Silicon	28-1	877964	888772	894011	886916	0.92	cps
Silver	107-1	11280	11997	12089	11789	3.76	cps
Silver	109-1	10930	12214	11363	11502	5.68	cps
Sodium	23-2	226387	230718	231511	229539	1.20	cps
Strontium	86-1	4201	3884	3892	3992	4.52	cps
Strontium	88-1	27813	25967	25449	26409	4.71	cps
Sulfur	34-1	444876	439437	436389	440234	0.98	cps
Terbium	159-1	10426386	10737811	11207189	10790462	3.64	cps
Terbium	159-2	4826763	4677198	4631394	4711785	2.17	cps
Thallium	203-1	7544	7202	7035	7261	3.57	cps
Thallium	205-1	18122	18038	17370	17843	2.31	cps
Tin	118-1	37051	36625	38522	37399	2.66	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:11:11	DataFile Name :	024LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7661	7485	8278	7808	5.33	cps
Uranium	238-1	20509	20317	20150	20325	0.88	cps
Vanadium	51-2	8883	9370	9046	9100	2.72	cps
Ytterbium	172-1	108	8	58	58	85.72	cps
Ytterbium	172-2	33	11	22	22	50.00	cps
Ytterbium	176-1	1550	1917	1950	1806	12.29	cps
Ytterbium	176-2	8931	8836	8881	8883	0.53	cps
Yttrium	89-1	16032156	16534761	16755496	16440804	2.25	cps
Yttrium	89-2	1780690	1780971	1770182	1777281	0.35	cps
Zinc	66-2	1137	1050	1110	1099	4.04	cps
Zirconium	90-1	15417	17161	16927	16502	5.74	cps
Zirconium	91-1	3692	3734	3776	3734	1.12	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N3980-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT3-2022	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:21:52	DataFile Name :	026LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1595	1642	1492	1577	4.86	cps
Antimony	121-1	13298	13440	13082	13273	1.36	cps
Arsenic	75-2	221	224	218	221	1.36	cps
Barium	135-1	17612	18154	15734	17167	7.40	cps
Barium	137-1	31821	31438	29667	30975	3.71	cps
Beryllium	9-1	3918	3818	3583	3773	4.56	cps
Bismuth	209-1	6540799	6509430	6546623	6532284	0.31	cps
Bismuth	209-2	3281867	2963312	3135668	3126949	5.10	cps
Boron	10-1	13335	14018	14006	13786	2.83	cps
Boron	11-1	59969	63195	64717	62627	3.87	cps
Bromine	81-1	84833	83266	83905	84002	0.94	cps
Cadmium	111-1	4432	4039	4496	4322	5.72	cps
Cadmium	106-1	6985	6076	6393	6485	7.11	cps
Cadmium	108-1	275	250	263	263	4.76	cps
Calcium	43-1	16414	16469	15889	16257	1.97	cps
Calcium	44-1	265899	266419	254268	262195	2.62	cps
Carbon	12-1	7462818	7373130	7260161	7365370	1.38	cps
Carbon	12-2	73609	69306	70511	71142	3.12	cps
Chlorine	35-1	559396	561526	568160	563027	0.81	cps
Chlorine	35-2	3709	3851	3759	3773	1.91	cps
Chromium	52-2	4831	4681	4761	4758	1.58	cps
Cobalt	59-2	3774	3857	3874	3835	1.40	cps
Copper	63-2	7409	7635	7259	7434	2.55	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	25	67	42	52.92	cps
Erbium	164-2	20	20	13	18	21.66	cps
Gadolinium	160-1	67	92	92	83	17.32	cps
Gadolinium	160-2	127	110	110	116	8.33	cps
Holmium	165-1	10658116	10793377	11123914	10858469	2.21	cps
Holmium	165-2	4551958	4216902	4504911	4424591	4.10	cps
Indium	115-1	9594452	9842208	9686142	9707601	1.29	cps
Indium	115-2	1392297	1295974	1349960	1346077	3.59	cps
Iron	54-2	6174	6018	5757	5983	3.52	cps
Iron	56-2	94300	95071	90498	93290	2.62	cps
Iron	57-2	2439	2417	2128	2328	7.46	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N3980-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT3-2022	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:21:52	DataFile Name :	026LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	572	619	604	598	3.94	cps
Lead	206-1	6346	6213	6252	6270	1.09	cps
Lead	207-1	5173	5379	5012	5188	3.54	cps
Lead	208-1	24315	24226	23926	24156	0.84	cps
Lithium	6-1	7118788	7036343	7137913	7097681	0.76	cps
Magnesium	24-2	98509	101345	94087	97980	3.73	cps
Manganese	55-2	1243	1240	1270	1251	1.31	cps
Molybdenum	94-1	17303	18638	17094	17678	4.74	cps
Molybdenum	95-1	21233	21267	20808	21103	1.21	cps
Molybdenum	96-1	23270	24739	23211	23740	3.65	cps
Molybdenum	97-1	13240	13273	13307	13273	0.25	cps
Molybdenum	98-1	34845	34252	34719	34605	0.90	cps
Neodymium	150-1	7	0	20	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1153	1193	1043	1130	6.87	cps
Phosphorus	31-2	1742	1917	1767	1808	5.23	cps
Potassium	39-2	87357	85638	84732	85909	1.55	cps
Rhodium	103-1	9743460	9544831	9639995	9642762	1.03	cps
Rhodium	103-2	3946200	3562416	3874946	3794521	5.38	cps
Scandium	45-1	7966326	7581719	7724817	7757621	2.51	cps
Scandium	45-2	228015	208978	219935	218976	4.36	cps
Selenium	82-1	942	1022	934	966	5.06	cps
Selenium	77-2	37	33	7	26	64.33	cps
Selenium	78-2	163	152	154	156	3.75	cps
Silicon	28-1	876975	884731	864960	875556	1.14	cps
Silver	107-1	12047	11363	11522	11644	3.08	cps
Silver	109-1	11839	10704	10821	11121	5.61	cps
Sodium	23-2	210916	205704	200343	205654	2.57	cps
Strontium	86-1	3917	3759	3759	3812	2.40	cps
Strontium	88-1	25841	25766	23429	25012	5.48	cps
Sulfur	34-1	458329	447705	449924	451986	1.24	cps
Terbium	159-1	11495150	11424759	11172247	11364052	1.49	cps
Terbium	159-2	4575261	4330165	4466172	4457199	2.75	cps
Thallium	203-1	7002	7236	6560	6933	4.95	cps
Thallium	205-1	16820	16269	17921	17003	4.95	cps
Tin	118-1	36274	36075	34085	35478	3.41	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N3980-02	Instrumnet Name :	P8
Client Sample ID :	LOQ-SOIL-02-QT3-2022	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:21:52	DataFile Name :	026LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7652	7527	7486	7555	1.15	cps
Uranium	238-1	19098	19691	18956	19248	2.02	cps
Vanadium	51-2	8142	8309	7809	8087	3.15	cps
Ytterbium	172-1	92	42	100	78	40.56	cps
Ytterbium	172-2	39	33	33	35	9.12	cps
Ytterbium	176-1	1817	1850	2034	1900	6.14	cps
Ytterbium	176-2	8970	8114	8714	8599	5.11	cps
Yttrium	89-1	17204747	16617029	16791433	16871070	1.79	cps
Yttrium	89-2	1708381	1584941	1670125	1654482	3.82	cps
Zinc	66-2	1010	1130	920	1020	10.33	cps
Zirconium	90-1	14725	14750	14867	14780	0.51	cps
Zirconium	91-1	3359	3200	3501	3353	4.48	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N3980-16	Instrumnet Name :	P8
Client Sample ID :	LLOQ-SOIL-QT3-2022	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:25:03	DataFile Name :	027LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1577	1569	1504	1550	2.60	cps
Antimony	121-1	12931	13490	11989	12804	5.93	cps
Arsenic	75-2	208	211	201	207	2.48	cps
Barium	135-1	17562	17620	16394	17192	4.02	cps
Barium	137-1	30210	30853	29258	30107	2.67	cps
Beryllium	9-1	3758	3911	3710	3793	2.77	cps
Bismuth	209-1	6278628	6346057	6246555	6290413	0.81	cps
Bismuth	209-2	3284410	3214572	2948350	3149111	5.63	cps
Boron	10-1	14008	14767	14334	14370	2.65	cps
Boron	11-1	61115	64693	64820	63543	3.31	cps
Bromine	81-1	84683	83317	84108	84036	0.82	cps
Cadmium	111-1	4310	4478	4196	4328	3.28	cps
Cadmium	106-1	6385	6802	6227	6471	4.59	cps
Cadmium	108-1	221	213	208	214	2.98	cps
Calcium	43-1	15489	15634	15152	15425	1.60	cps
Calcium	44-1	256635	255054	247442	253043	1.94	cps
Carbon	12-1	7349443	7266855	7246235	7287511	0.75	cps
Carbon	12-2	71114	69364	68669	69716	1.81	cps
Chlorine	35-1	506070	510064	513481	509872	0.73	cps
Chlorine	35-2	3367	3409	3267	3348	2.18	cps
Chromium	52-2	4898	4704	4324	4642	6.29	cps
Cobalt	59-2	3861	3704	3774	3779	2.08	cps
Copper	63-2	7325	7205	7159	7230	1.19	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	25	58	50	44	39.04	cps
Erbium	164-2	17	20	10	16	32.73	cps
Gadolinium	160-1	83	58	83	75	19.25	cps
Gadolinium	160-2	107	110	73	97	20.98	cps
Holmium	165-1	10462063	10943253	10319115	10574810	3.09	cps
Holmium	165-2	4570264	4501679	4155909	4409284	5.04	cps
Indium	115-1	9524617	9731702	9650176	9635498	1.08	cps
Indium	115-2	1349271	1370539	1242978	1320929	5.17	cps
Iron	54-2	5951	5773	5346	5690	5.47	cps
Iron	56-2	93249	91319	90268	91612	1.65	cps
Iron	57-2	2450	2145	2322	2306	6.66	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N3980-16	Instrumnet Name :	P8
Client Sample ID :	LLOQ-SOIL-QT3-2022	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:25:03	DataFile Name :	027LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	624	614	569	602	4.87	cps
Lead	206-1	6530	5390	5846	5922	9.68	cps
Lead	207-1	5618	4845	4979	5147	8.02	cps
Lead	208-1	24732	22803	23581	23705	4.09	cps
Lithium	6-1	6904036	6841394	6942014	6895815	0.74	cps
Magnesium	24-2	97979	95984	95103	96356	1.53	cps
Manganese	55-2	1317	1150	1177	1215	7.37	cps
Molybdenum	94-1	16761	16827	16535	16708	0.92	cps
Molybdenum	95-1	20800	21092	19531	20474	4.05	cps
Molybdenum	96-1	23704	22360	22060	22708	3.86	cps
Molybdenum	97-1	12823	13148	12298	12756	3.37	cps
Molybdenum	98-1	33608	33567	32414	33196	2.04	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1047	1223	957	1076	12.61	cps
Phosphorus	31-2	1942	1959	1767	1889	5.62	cps
Potassium	39-2	86309	83299	81850	83819	2.71	cps
Rhodium	103-1	9462385	9626713	9294188	9461096	1.76	cps
Rhodium	103-2	3860839	3825973	3558040	3748284	4.42	cps
Scandium	45-1	7519896	7485792	7411703	7472464	0.74	cps
Scandium	45-2	227948	227962	207964	221291	5.22	cps
Selenium	82-1	1014	977	870	954	7.84	cps
Selenium	77-2	13	30	30	24	39.37	cps
Selenium	78-2	175	154	161	163	6.55	cps
Silicon	28-1	877155	870517	873113	873595	0.38	cps
Silver	107-1	11313	11697	11230	11413	2.18	cps
Silver	109-1	10946	10938	10946	10944	0.04	cps
Sodium	23-2	204872	200637	198702	201404	1.57	cps
Strontium	86-1	3951	3734	3634	3773	4.29	cps
Strontium	88-1	24656	25232	23612	24500	3.35	cps
Sulfur	34-1	452718	452779	448318	451272	0.57	cps
Terbium	159-1	11000115	10896779	11004884	10967259	0.56	cps
Terbium	159-2	4747017	4558108	4098919	4468015	7.46	cps
Thallium	203-1	6835	6635	6427	6632	3.08	cps
Thallium	205-1	15685	16010	15927	15874	1.06	cps
Tin	118-1	34244	35832	33709	34595	3.19	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N3980-16	Instrumnet Name :	P8
Client Sample ID :	LLOQ-SOIL-QT3-2022	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:25:03	DataFile Name :	027LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7227	7602	7027	7285	4.01	cps
Uranium	238-1	18614	19090	18013	18572	2.91	cps
Vanadium	51-2	7979	8099	7695	7924	2.61	cps
Ytterbium	172-1	92	17	83	64	64.34	cps
Ytterbium	172-2	22	17	39	26	44.60	cps
Ytterbium	176-1	1942	2234	1950	2042	8.13	cps
Ytterbium	176-2	8464	8520	7897	8294	4.15	cps
Yttrium	89-1	16999142	16262596	16542623	16601454	2.24	cps
Yttrium	89-2	1718869	1684817	1603674	1669120	3.55	cps
Zinc	66-2	980	937	920	946	3.28	cps
Zirconium	90-1	14216	14742	13982	14313	2.72	cps
Zirconium	91-1	3025	2767	3200	2998	7.27	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N3980-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:28:11	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	500	507	512	507	1.24	cps
Antimony	121-1	1917	1900	2167	1995	7.49	cps
Arsenic	75-2	51	54	57	54	5.55	cps
Barium	135-1	2659	2684	2484	2609	4.18	cps
Barium	137-1	4026	4109	3792	3976	4.13	cps
Beryllium	9-1	1000	1042	965	1002	3.87	cps
Bismuth	209-1	6324870	6528447	6546565	6466627	1.90	cps
Bismuth	209-2	3386988	3354109	3262175	3334424	1.94	cps
Boron	10-1	3422	3244	3030	3232	6.07	cps
Boron	11-1	15247	13910	13161	14106	7.49	cps
Bromine	81-1	85693	84259	82076	84009	2.17	cps
Cadmium	111-1	2829	2667	2605	2700	4.28	cps
Cadmium	106-1	6335	6168	6127	6210	1.78	cps
Cadmium	108-1	108	125	104	113	9.80	cps
Calcium	43-1	1196	1156	1109	1154	3.80	cps
Calcium	44-1	24941	24898	23743	24527	2.77	cps
Carbon	12-1	7078336	6989648	6905425	6991136	1.24	cps
Carbon	12-2	69623	69314	68620	69186	0.74	cps
Chlorine	35-1	479099	484092	477083	480091	0.75	cps
Chlorine	35-2	3159	3000	3334	3164	5.27	cps
Chromium	52-2	1377	1217	1153	1249	9.22	cps
Cobalt	59-2	1113	1043	1057	1071	3.47	cps
Copper	63-2	3370	2980	2897	3083	8.20	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	50	100	25	58	65.47	cps
Erbium	164-2	33	20	30	28	24.98	cps
Gadolinium	160-1	125	92	142	119	21.31	cps
Gadolinium	160-2	77	120	97	98	22.18	cps
Holmium	165-1	10614778	10590179	10749225	10651394	0.80	cps
Holmium	165-2	4550869	4374834	4608851	4511518	2.70	cps
Indium	115-1	9603493	9466326	9766460	9612093	1.56	cps
Indium	115-2	1391794	1398898	1386076	1392256	0.46	cps
Iron	54-2	2217	2300	2195	2237	2.49	cps
Iron	56-2	29431	28212	26464	28035	5.32	cps
Iron	57-2	667	639	672	659	2.71	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N3980-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:28:11	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	584	557	542	561	3.72	cps
Lead	206-1	2495	2289	2217	2334	6.18	cps
Lead	207-1	1961	1972	1900	1945	2.00	cps
Lead	208-1	9085	9168	8473	8909	4.26	cps
Lithium	6-1	6969777	6860873	7085933	6972194	1.61	cps
Magnesium	24-2	6035	5510	5268	5604	7.00	cps
Manganese	55-2	747	697	663	702	5.97	cps
Molybdenum	94-1	5318	4809	4876	5001	5.53	cps
Molybdenum	95-1	6135	6193	6043	6124	1.24	cps
Molybdenum	96-1	7160	7077	7144	7127	0.62	cps
Molybdenum	97-1	3926	3667	3534	3709	5.37	cps
Molybdenum	98-1	10321	9587	9195	9701	5.89	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	323	337	337	332	2.32	cps
Phosphorus	31-2	1959	1792	2042	1931	6.59	cps
Potassium	39-2	20273	19931	21225	20476	3.27	cps
Rhodium	103-1	9472774	9355857	9424884	9417838	0.62	cps
Rhodium	103-2	4032016	4057203	3866825	3985348	2.59	cps
Scandium	45-1	7426467	7754683	7761097	7647416	2.50	cps
Scandium	45-2	231310	234375	228519	231401	1.27	cps
Selenium	82-1	580	552	576	570	2.62	cps
Selenium	77-2	10	13	37	20	72.66	cps
Selenium	78-2	127	118	104	116	9.96	cps
Silicon	28-1	800114	802407	791790	798104	0.70	cps
Silver	107-1	3134	3309	3100	3181	3.52	cps
Silver	109-1	3034	3092	2825	2984	4.70	cps
Sodium	23-2	33990	33021	32704	33238	2.02	cps
Strontium	86-1	1917	1784	1834	1845	3.65	cps
Strontium	88-1	6802	6902	6877	6860	0.76	cps
Sulfur	34-1	456008	453245	452452	453901	0.41	cps
Terbium	159-1	10956053	10875183	11081911	10971049	0.95	cps
Terbium	159-2	4572305	4569969	4559896	4567390	0.14	cps
Thallium	203-1	2217	2167	2109	2164	2.51	cps
Thallium	205-1	5168	5068	5159	5132	1.08	cps
Tin	118-1	4067	4242	3901	4070	4.20	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N3980-07	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:28:11	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2425	2134	2159	2239	7.22	cps
Uranium	238-1	5160	5193	4968	5107	2.38	cps
Vanadium	51-2	440	457	437	444	2.41	cps
Ytterbium	172-1	58	67	58	61	7.88	cps
Ytterbium	172-2	33	33	22	30	21.65	cps
Ytterbium	176-1	1984	2109	1975	2022	3.69	cps
Ytterbium	176-2	8942	8620	9248	8937	3.52	cps
Yttrium	89-1	17210289	16753293	16419862	16794481	2.36	cps
Yttrium	89-2	1742603	1763183	1772680	1759489	0.87	cps
Zinc	66-2	363	417	357	379	8.68	cps
Zirconium	90-1	4643	4301	4342	4429	4.21	cps
Zirconium	91-1	800	1050	833	895	15.18	cps

LB Number : LB121810 Operator : Jaswal
 Lab Sample ID : N3980-08 Instrumnet Name : P8
 Client Sample ID : LOQ-WATER-02-QT3-20 Dilution Factor : 1
 Date & Time Acquired : 2022-08-30 13:31:22 DataFile Name : 029LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1711	1690	1586	1662	4.02	cps
Antimony	121-1	13682	13532	13015	13410	2.61	cps
Arsenic	75-2	221	218	213	217	1.86	cps
Barium	135-1	18438	18088	17286	17937	3.29	cps
Barium	137-1	31304	31229	30527	31020	1.38	cps
Beryllium	9-1	3928	3886	3754	3856	2.35	cps
Bismuth	209-1	6270595	6131027	6328037	6243220	1.62	cps
Bismuth	209-2	3316697	3392507	3232668	3313957	2.41	cps
Boron	10-1	13307	13776	14528	13870	4.44	cps
Boron	11-1	60406	62944	64928	62759	3.61	cps
Bromine	81-1	83426	83857	84642	83975	0.73	cps
Cadmium	111-1	4517	4330	4288	4378	2.79	cps
Cadmium	106-1	6510	6485	6127	6374	3.37	cps
Cadmium	108-1	225	313	200	246	24.03	cps
Calcium	43-1	16236	16232	15817	16095	1.50	cps
Calcium	44-1	268847	266542	255073	263487	2.80	cps
Carbon	12-1	7301687	7154521	7182763	7212990	1.08	cps
Carbon	12-2	71792	68912	69549	70084	2.16	cps
Chlorine	35-1	460320	469089	474011	467807	1.48	cps
Chlorine	35-2	3125	2742	2800	2889	7.15	cps
Chromium	52-2	5074	4677	4838	4863	4.11	cps
Cobalt	59-2	3954	3917	3584	3818	5.34	cps
Copper	63-2	7726	7709	7015	7483	5.42	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	67	25	42	44	47.19	cps
Erbium	164-2	17	7	23	16	53.90	cps
Gadolinium	160-1	75	83	125	94	28.36	cps
Gadolinium	160-2	107	157	130	131	19.08	cps
Holmium	165-1	10274637	10247849	10390055	10304180	0.73	cps
Holmium	165-2	4450254	4395448	4476687	4440796	0.93	cps
Indium	115-1	9268743	9478927	9206458	9318043	1.53	cps
Indium	115-2	1347147	1347825	1352745	1349239	0.23	cps
Iron	54-2	5885	5668	5468	5673	3.67	cps
Iron	56-2	100021	95228	93466	96238	3.52	cps
Iron	57-2	2561	2328	2611	2500	6.05	cps

LB Number : LB121810 Operator : Jaswal
 Lab Sample ID : N3980-08 Instrumnet Name : P8
 Client Sample ID : LOQ-WATER-02-QT3-20 Dilution Factor : 1
 Date & Time Acquired : 2022-08-30 13:31:22 DataFile Name : 029LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	660	585	575	607	7.66	cps
Lead	206-1	6152	5885	6013	6016	2.22	cps
Lead	207-1	5318	5624	5518	5486	2.83	cps
Lead	208-1	24398	24115	24209	24241	0.60	cps
Lithium	6-1	7025335	6996424	6973492	6998417	0.37	cps
Magnesium	24-2	105582	98359	99725	101222	3.79	cps
Manganese	55-2	1383	1437	1223	1348	8.24	cps
Molybdenum	94-1	18154	17495	17069	17573	3.11	cps
Molybdenum	95-1	20758	21208	20157	20708	2.55	cps
Molybdenum	96-1	24497	23379	23178	23685	3.00	cps
Molybdenum	97-1	13765	13640	13065	13490	2.77	cps
Molybdenum	98-1	34034	35396	32982	34138	3.55	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	1263	1053	1247	1188	9.83	cps
Phosphorus	31-2	2000	2025	2017	2014	0.63	cps
Potassium	39-2	89268	87659	83525	86817	3.41	cps
Rhodium	103-1	8945695	9003546	9413040	9120761	2.79	cps
Rhodium	103-2	3796498	3817274	3840115	3817963	0.57	cps
Scandium	45-1	7370300	7616315	7377093	7454569	1.88	cps
Scandium	45-2	223981	219523	221900	221802	1.01	cps
Selenium	82-1	987	995	997	993	0.52	cps
Selenium	77-2	43	23	37	34	29.57	cps
Selenium	78-2	165	182	164	170	5.94	cps
Silicon	28-1	884673	890451	876669	883931	0.78	cps
Silver	107-1	12523	11313	11463	11767	5.60	cps
Silver	109-1	11755	11138	10938	11277	3.78	cps
Sodium	23-2	212634	203597	205022	207084	2.35	cps
Strontium	86-1	3501	3909	3692	3701	5.52	cps
Strontium	88-1	26075	24297	24973	25115	3.57	cps
Sulfur	34-1	463063	452302	455280	456882	1.22	cps
Terbium	159-1	10957722	10749289	10868401	10858471	0.96	cps
Terbium	159-2	4626485	4557049	4589386	4590973	0.76	cps
Thallium	203-1	6368	6752	6610	6577	2.95	cps
Thallium	205-1	16536	16186	15944	16222	1.84	cps
Tin	118-1	36876	35806	35313	35998	2.22	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N3980-08	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-02-QT3-20	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:31:22	DataFile Name :	029LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7769	7852	6868	7497	7.28	cps
Uranium	238-1	18873	19624	17930	18809	4.51	cps
Vanadium	51-2	8403	8142	8196	8247	1.67	cps
Ytterbium	172-1	25	50	83	53	55.46	cps
Ytterbium	172-2	6	17	33	19	75.47	cps
Ytterbium	176-1	1984	2075	1950	2003	3.23	cps
Ytterbium	176-2	8636	8825	7980	8481	5.23	cps
Yttrium	89-1	16259865	16577754	16297431	16378350	1.06	cps
Yttrium	89-2	1690705	1700971	1704920	1698865	0.43	cps
Zinc	66-2	903	990	1007	967	5.74	cps
Zirconium	90-1	15359	15659	14700	15239	3.22	cps
Zirconium	91-1	3501	3384	3209	3364	4.36	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N3980-17	Instrumnet Name :	P8
Client Sample ID :	LLOQ-WATER-QT3-2022	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:34:31	DataFile Name :	030LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1696	1655	1530	1627	5.32	cps
Antimony	121-1	13682	13732	13123	13513	2.50	cps
Arsenic	75-2	217	244	199	220	10.30	cps
Barium	135-1	18997	18513	17771	18427	3.35	cps
Barium	137-1	30802	31513	30577	30964	1.58	cps
Beryllium	9-1	3875	3928	3507	3770	6.07	cps
Bismuth	209-1	6148051	6405551	6642686	6398762	3.87	cps
Bismuth	209-2	3225295	3197956	3155635	3192962	1.10	cps
Boron	10-1	13389	14729	14664	14261	5.30	cps
Boron	11-1	63289	65608	66515	65137	2.55	cps
Bromine	81-1	86707	82359	81229	83432	3.47	cps
Cadmium	111-1	4398	4539	4361	4433	2.12	cps
Cadmium	106-1	6252	6393	6452	6366	1.62	cps
Cadmium	108-1	254	254	258	256	0.94	cps
Calcium	43-1	15911	16318	15602	15943	2.26	cps
Calcium	44-1	266025	267906	254068	262666	2.86	cps
Carbon	12-1	7242990	7132794	7185309	7187031	0.77	cps
Carbon	12-2	70017	69431	69424	69624	0.49	cps
Chlorine	35-1	445932	448401	442322	445552	0.69	cps
Chlorine	35-2	3150	2825	2734	2903	7.54	cps
Chromium	52-2	4674	4894	4587	4719	3.35	cps
Cobalt	59-2	4067	3941	3717	3908	4.54	cps
Copper	63-2	7412	7479	7309	7400	1.16	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	42	33	39	12.38	cps
Erbium	164-2	20	20	30	23	24.74	cps
Gadolinium	160-1	42	117	75	78	48.31	cps
Gadolinium	160-2	97	140	133	123	18.92	cps
Holmium	165-1	10282270	10309003	10481489	10357587	1.04	cps
Holmium	165-2	4302019	4521517	4385289	4402942	2.52	cps
Indium	115-1	9000716	9456359	9477984	9311687	2.89	cps
Indium	115-2	1348697	1341220	1364428	1351448	0.88	cps
Iron	54-2	5785	5729	5462	5659	3.05	cps
Iron	56-2	95211	93583	89217	92670	3.34	cps
Iron	57-2	2617	2461	2250	2443	7.53	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N3980-17	Instrumnet Name :	P8
Client Sample ID :	LLOQ-WATER-QT3-2022	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:34:31	DataFile Name :	030LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	596	582	617	599	2.95	cps
Lead	206-1	6207	5935	5913	6018	2.73	cps
Lead	207-1	5485	5307	5040	5277	4.24	cps
Lead	208-1	23798	24254	24087	24046	0.96	cps
Lithium	6-1	6798961	6941638	6905507	6882035	1.08	cps
Magnesium	24-2	101279	99792	98735	99935	1.28	cps
Manganese	55-2	1200	1293	1240	1245	3.76	cps
Molybdenum	94-1	17511	17904	16610	17342	3.82	cps
Molybdenum	95-1	21459	20491	20215	20722	3.15	cps
Molybdenum	96-1	23712	23554	23420	23562	0.62	cps
Molybdenum	97-1	12781	13207	11872	12620	5.40	cps
Molybdenum	98-1	35045	35137	33692	34625	2.34	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	1077	1183	1047	1102	6.52	cps
Phosphorus	31-2	1967	1875	1892	1911	2.56	cps
Potassium	39-2	88312	87994	81480	85929	4.49	cps
Rhodium	103-1	9049160	9360444	9545294	9318299	2.69	cps
Rhodium	103-2	3860961	3809136	3758185	3809427	1.35	cps
Scandium	45-1	7657857	7592596	7626784	7625746	0.43	cps
Scandium	45-2	224251	227383	222285	224640	1.14	cps
Selenium	82-1	1000	971	1017	996	2.34	cps
Selenium	77-2	33	17	23	24	34.31	cps
Selenium	78-2	154	142	151	149	4.19	cps
Silicon	28-1	864291	880279	858613	867728	1.29	cps
Silver	107-1	11755	11680	11188	11541	2.67	cps
Silver	109-1	11238	10780	10496	10838	3.46	cps
Sodium	23-2	209551	204947	198131	204210	2.81	cps
Strontium	86-1	3476	4126	3751	3784	8.63	cps
Strontium	88-1	24831	25015	24556	24800	0.93	cps
Sulfur	34-1	462392	449639	455216	455749	1.40	cps
Terbium	159-1	10655127	10990687	11222438	10956084	2.60	cps
Terbium	159-2	4333340	4588838	4645026	4522401	3.67	cps
Thallium	203-1	6702	6660	7069	6810	3.30	cps
Thallium	205-1	17137	16703	15835	16558	4.00	cps
Tin	118-1	35021	35581	35447	35349	0.83	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N3980-17	Instrumnet Name :	P8
Client Sample ID :	LLOQ-WATER-QT3-2022	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:34:31	DataFile Name :	030LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7310	8119	7586	7672	5.36	cps
Uranium	238-1	20133	18948	18473	19185	4.46	cps
Vanadium	51-2	8496	8256	7979	8244	3.14	cps
Ytterbium	172-1	92	67	83	81	15.80	cps
Ytterbium	172-2	17	39	6	20	83.30	cps
Ytterbium	176-1	1867	1959	2067	1964	5.10	cps
Ytterbium	176-2	8481	8781	9070	8777	3.36	cps
Yttrium	89-1	16621716	16867435	16142253	16543801	2.23	cps
Yttrium	89-2	1698884	1696376	1683554	1692938	0.49	cps
Zinc	66-2	887	1003	1027	972	7.72	cps
Zirconium	90-1	15159	15859	15033	15351	2.90	cps
Zirconium	91-1	3517	3259	3234	3337	4.70	cps

LB Number : LB121810 Operator : Jaswal
 Lab Sample ID : N3980-10 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
 Date & Time Acquired : 2022-08-30 13:37:41 DataFile Name : 031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	537	491	485	505	5.68	cps
Antimony	121-1	1650	1992	1842	1828	9.37	cps
Arsenic	75-2	58	62	58	59	3.89	cps
Barium	135-1	2359	2467	2275	2367	4.06	cps
Barium	137-1	3876	4059	4192	4042	3.93	cps
Beryllium	9-1	1001	991	992	995	0.55	cps
Bismuth	209-1	6120297	6523620	6742226	6462048	4.88	cps
Bismuth	209-2	3412652	3276683	3273175	3320837	2.39	cps
Boron	10-1	3320	3152	3076	3182	3.92	cps
Boron	11-1	14608	13942	13402	13984	4.32	cps
Bromine	81-1	87230	83034	81291	83852	3.64	cps
Cadmium	111-1	2570	2660	2829	2686	4.90	cps
Cadmium	106-1	6135	6377	6727	6413	4.64	cps
Cadmium	108-1	117	150	96	121	22.61	cps
Calcium	43-1	1145	1155	1149	1149	0.44	cps
Calcium	44-1	24463	24672	23653	24262	2.22	cps
Carbon	12-1	7091773	6910411	6838944	6947043	1.88	cps
Carbon	12-2	68460	68284	67949	68231	0.38	cps
Chlorine	35-1	422131	426066	425622	424606	0.51	cps
Chlorine	35-2	2784	2700	2417	2634	7.30	cps
Chromium	52-2	1283	1237	1207	1242	3.11	cps
Cobalt	59-2	1147	1070	1053	1090	4.57	cps
Copper	63-2	3164	3020	2954	3046	3.52	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	33	42	42	39	12.38	cps
Erbium	164-2	20	17	20	19	10.18	cps
Gadolinium	160-1	108	125	50	94	41.70	cps
Gadolinium	160-2	97	127	80	101	23.39	cps
Holmium	165-1	10843553	10939581	10925653	10902929	0.48	cps
Holmium	165-2	4690920	4465327	4359133	4505127	3.76	cps
Indium	115-1	9541906	9649107	10080630	9757214	2.92	cps
Indium	115-2	1417391	1362329	1365064	1381595	2.25	cps
Iron	54-2	2289	2272	2106	2222	4.56	cps
Iron	56-2	29782	27844	27393	28340	4.48	cps
Iron	57-2	617	772	717	702	11.23	cps

LB Number : LB121810 Operator : Jaswal
 Lab Sample ID : N3980-10 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
 Date & Time Acquired : 2022-08-30 13:37:41 DataFile Name : 031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	560	556	579	565	2.13	cps
Lead	206-1	2250	2134	2256	2213	3.12	cps
Lead	207-1	2150	2022	1828	2000	8.11	cps
Lead	208-1	8918	8496	8957	8790	2.91	cps
Lithium	6-1	6865025	7413867	7168034	7148975	3.85	cps
Magnesium	24-2	6260	5793	5468	5840	6.82	cps
Manganese	55-2	723	777	747	749	3.57	cps
Molybdenum	94-1	4609	4851	4684	4715	2.62	cps
Molybdenum	95-1	6560	6010	6493	6354	4.73	cps
Molybdenum	96-1	6969	6785	6769	6841	1.62	cps
Molybdenum	97-1	3884	3851	3617	3784	3.84	cps
Molybdenum	98-1	9745	9220	9520	9495	2.78	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	323	397	350	357	10.41	cps
Phosphorus	31-2	1959	1717	1900	1859	6.79	cps
Potassium	39-2	21350	20974	21074	21133	0.92	cps
Rhodium	103-1	9362891	9596128	9640286	9533102	1.56	cps
Rhodium	103-2	3990972	3929695	3859544	3926737	1.67	cps
Scandium	45-1	7639640	7768339	7662222	7690067	0.89	cps
Scandium	45-2	236277	222782	220890	226650	3.70	cps
Selenium	82-1	510	576	526	537	6.42	cps
Selenium	77-2	7	7	13	9	43.25	cps
Selenium	78-2	122	115	123	120	3.63	cps
Silicon	28-1	801756	809096	792480	801111	1.04	cps
Silver	107-1	3084	3092	3125	3100	0.71	cps
Silver	109-1	2734	3159	2834	2909	7.64	cps
Sodium	23-2	33263	31952	31643	32286	2.66	cps
Strontium	86-1	1742	1892	1750	1795	4.70	cps
Strontium	88-1	7069	7144	7144	7119	0.61	cps
Sulfur	34-1	461067	452251	457213	456844	0.97	cps
Terbium	159-1	11413499	11182727	11707970	11434732	2.30	cps
Terbium	159-2	4722418	4592890	4560790	4625366	1.85	cps
Thallium	203-1	2042	1984	2125	2050	3.47	cps
Thallium	205-1	5035	5335	4576	4982	7.67	cps
Tin	118-1	4768	4209	8877	5951	42.83	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N3980-10	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-WATER-04-Q1	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:37:41	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2317	2267	2084	2222	5.53	cps
Uranium	238-1	4659	5143	4893	4898	4.94	cps
Vanadium	51-2	417	463	420	433	6.01	cps
Ytterbium	172-1	42	117	50	69	59.19	cps
Ytterbium	172-2	11	33	28	24	48.04	cps
Ytterbium	176-1	2092	1959	1942	1997	4.12	cps
Ytterbium	176-2	9081	8775	8848	8901	1.80	cps
Yttrium	89-1	16394189	17069141	17780869	17081399	4.06	cps
Yttrium	89-2	1823824	1722283	1729481	1758529	3.22	cps
Zinc	66-2	477	340	373	397	17.96	cps
Zirconium	90-1	4534	4576	4409	4506	1.93	cps
Zirconium	91-1	1100	800	958	953	15.75	cps

LB Number : LB121810 Operator : Jaswal
 Lab Sample ID : N3980-01 Instrumnet Name : P8
 Client Sample ID : LOD-MDL-SOIL-01-QT3- Dilution Factor : 1
 Date & Time Acquired : 2022-08-30 13:41:22 DataFile Name : 032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	494	497	467	486	3.36	cps
Antimony	121-1	1667	1783	1717	1722	3.40	cps
Arsenic	75-2	62	58	63	61	4.34	cps
Barium	135-1	2350	2450	2275	2359	3.72	cps
Barium	137-1	3834	4251	3767	3951	6.63	cps
Beryllium	9-1	1017	914	952	961	5.45	cps
Bismuth	209-1	6363178	6232561	6593218	6396319	2.85	cps
Bismuth	209-2	3274318	3344155	3282991	3300488	1.15	cps
Boron	10-1	1976	2058	2132	2055	3.80	cps
Boron	11-1	9003	8779	9275	9019	2.76	cps
Bromine	81-1	81147	85170	85550	83956	2.91	cps
Cadmium	111-1	2644	2856	2761	2754	3.84	cps
Cadmium	106-1	6360	6543	6360	6421	1.65	cps
Cadmium	108-1	117	121	129	122	5.21	cps
Calcium	43-1	1101	1174	1101	1125	3.72	cps
Calcium	44-1	24166	24127	23859	24051	0.69	cps
Carbon	12-1	7225208	7050906	6947650	7074588	1.98	cps
Carbon	12-2	70939	69975	67656	69523	2.43	cps
Chlorine	35-1	417368	414364	411297	414343	0.73	cps
Chlorine	35-2	2675	2500	2492	2556	4.05	cps
Chromium	52-2	1250	1163	1137	1183	5.01	cps
Cobalt	59-2	1063	980	1067	1037	4.74	cps
Copper	63-2	2960	2867	3114	2980	4.18	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	67	25	33	42	52.92	cps
Erbium	164-2	17	27	17	20	28.86	cps
Gadolinium	160-1	83	75	92	83	10.00	cps
Gadolinium	160-2	113	123	127	121	5.73	cps
Holmium	165-1	10903948	10335412	10416680	10552014	2.91	cps
Holmium	165-2	4602645	4564889	4302961	4490165	3.64	cps
Indium	115-1	9778379	9442145	9489087	9569870	1.90	cps
Indium	115-2	1364109	1378100	1349408	1363873	1.05	cps
Iron	54-2	2250	2139	1989	2126	6.16	cps
Iron	56-2	29152	28050	27605	28269	2.82	cps
Iron	57-2	750	633	694	693	8.43	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N3980-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT3-	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:41:22	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	640	562	567	590	7.35	cps
Lead	206-1	2322	2161	2278	2254	3.69	cps
Lead	207-1	2017	2267	1867	2050	9.86	cps
Lead	208-1	8840	9118	8690	8883	2.44	cps
Lithium	6-1	7199136	6932551	6908022	7013236	2.30	cps
Magnesium	24-2	5893	5068	5635	5532	7.63	cps
Manganese	55-2	720	647	680	682	5.38	cps
Molybdenum	94-1	5176	4968	5101	5082	2.08	cps
Molybdenum	95-1	6310	6252	5918	6160	3.43	cps
Molybdenum	96-1	7227	7669	7110	7335	4.02	cps
Molybdenum	97-1	3934	3701	3701	3778	3.57	cps
Molybdenum	98-1	10154	9854	8545	9517	8.99	cps
Neodymium	150-1	0	20	20	13	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	387	377	363	376	3.12	cps
Phosphorus	31-2	1825	1934	2100	1953	7.09	cps
Potassium	39-2	21316	19706	20306	20443	3.98	cps
Rhodium	103-1	9528058	9360307	9551609	9479992	1.10	cps
Rhodium	103-2	3859666	3854118	3813896	3842560	0.65	cps
Scandium	45-1	7580133	7431379	7531419	7514311	1.01	cps
Scandium	45-2	230346	224738	223296	226127	1.65	cps
Selenium	82-1	534	522	444	500	9.81	cps
Selenium	77-2	17	10	10	12	31.50	cps
Selenium	78-2	103	118	117	113	7.44	cps
Silicon	28-1	809232	811149	798213	806198	0.87	cps
Silver	107-1	3142	3117	2984	3081	2.76	cps
Silver	109-1	2867	2834	2959	2886	2.24	cps
Sodium	23-2	32487	33172	32554	32737	1.15	cps
Strontium	86-1	1533	1725	1575	1611	6.26	cps
Strontium	88-1	6885	7235	7010	7044	2.52	cps
Sulfur	34-1	457297	450707	454706	454237	0.73	cps
Terbium	159-1	11297052	11311269	10920623	11176315	1.98	cps
Terbium	159-2	4697290	4735155	4437302	4623249	3.51	cps
Thallium	203-1	2009	1717	2100	1942	10.31	cps
Thallium	205-1	4909	4893	4626	4809	3.31	cps
Tin	118-1	4159	4293	4076	4176	2.62	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N3980-01	Instrumnet Name :	P8
Client Sample ID :	LOD-MDL-SOIL-01-QT3-	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:41:22	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2625	2542	2134	2434	10.81	cps
Uranium	238-1	5251	5018	4634	4968	6.27	cps
Vanadium	51-2	450	517	407	458	12.10	cps
Ytterbium	172-1	42	58	58	53	18.23	cps
Ytterbium	172-2	39	33	28	33	16.67	cps
Ytterbium	176-1	2092	2292	1917	2100	8.94	cps
Ytterbium	176-2	8620	8553	8798	8657	1.46	cps
Yttrium	89-1	16749099	16380981	17101608	16743896	2.15	cps
Yttrium	89-2	1733252	1745026	1676223	1718167	2.14	cps
Zinc	66-2	437	303	390	377	17.96	cps
Zirconium	90-1	4709	4159	4067	4312	8.05	cps
Zirconium	91-1	833	825	842	833	1.00	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N3980-11	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-05-QT3-20	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:44:33	DataFile Name :	033LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1667	1556	1651	1625	3.70	cps
Antimony	121-1	13983	14083	13224	13763	3.41	cps
Arsenic	75-2	217	211	189	206	7.17	cps
Barium	135-1	18188	18054	18338	18193	0.78	cps
Barium	137-1	32122	30719	30677	31173	2.64	cps
Beryllium	9-1	3930	3820	3899	3883	1.46	cps
Bismuth	209-1	6561868	6019584	6085468	6222307	4.76	cps
Bismuth	209-2	3279443	3320837	3134899	3245059	3.01	cps
Boron	10-1	12953	13608	14074	13545	4.16	cps
Boron	11-1	57184	61890	63341	60805	5.29	cps
Bromine	81-1	80987	83313	83383	82561	1.65	cps
Cadmium	111-1	4031	4507	4301	4280	5.59	cps
Cadmium	106-1	6026	6443	6310	6260	3.40	cps
Cadmium	108-1	321	229	321	290	18.23	cps
Calcium	43-1	16571	16898	16072	16514	2.52	cps
Calcium	44-1	270016	267757	261158	266310	1.73	cps
Carbon	12-1	7241111	7130102	6960510	7110574	1.99	cps
Carbon	12-2	71324	68644	70754	70241	2.01	cps
Chlorine	35-1	403458	399219	399667	400781	0.58	cps
Chlorine	35-2	2759	2717	2642	2706	2.18	cps
Chromium	52-2	4828	4671	4641	4713	2.13	cps
Cobalt	59-2	4057	3754	3747	3853	4.60	cps
Copper	63-2	7549	7205	7455	7403	2.40	cps
Dysprosium	156-1	25	8	0	11	114.58	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	58	50	67	58	14.29	cps
Erbium	164-2	20	7	20	16	49.47	cps
Gadolinium	160-1	100	117	67	94	26.96	cps
Gadolinium	160-2	103	140	103	116	18.32	cps
Holmium	165-1	10403314	10425200	10360011	10396175	0.32	cps
Holmium	165-2	4436954	4306323	4582511	4441929	3.11	cps
Indium	115-1	9536846	9586085	9339965	9487632	1.37	cps
Indium	115-2	1354275	1343715	1351729	1349906	0.41	cps
Iron	54-2	5990	5723	6151	5955	3.63	cps
Iron	56-2	97319	91794	89910	93008	4.14	cps
Iron	57-2	2539	2367	2228	2378	6.55	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N3980-11	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-05-QT3-20	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:44:33	DataFile Name :	033LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	609	627	571	602	4.75	cps
Lead	206-1	5885	5924	6190	6000	2.77	cps
Lead	207-1	5379	5718	5012	5370	6.57	cps
Lead	208-1	24899	24420	23587	24302	2.73	cps
Lithium	6-1	6946563	6879862	6807454	6877959	1.01	cps
Magnesium	24-2	104474	98803	101169	101482	2.81	cps
Manganese	55-2	1387	1197	1313	1299	7.38	cps
Molybdenum	94-1	18171	17553	17461	17728	2.18	cps
Molybdenum	95-1	21834	21743	21200	21592	1.59	cps
Molybdenum	96-1	23629	23554	24022	23735	1.06	cps
Molybdenum	97-1	13182	13949	12623	13251	5.02	cps
Molybdenum	98-1	34695	34627	33391	34238	2.14	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1270	1087	1193	1183	7.78	cps
Phosphorus	31-2	1833	1825	1909	1856	2.47	cps
Potassium	39-2	87801	86366	86795	86987	0.85	cps
Rhodium	103-1	9321523	9327136	9139942	9262867	1.15	cps
Rhodium	103-2	3795798	3888721	3783266	3822595	1.51	cps
Scandium	45-1	7490550	7455056	7593003	7512870	0.95	cps
Scandium	45-2	223366	222214	224801	223460	0.58	cps
Selenium	82-1	969	926	1079	991	7.94	cps
Selenium	77-2	37	27	33	32	15.80	cps
Selenium	78-2	164	147	153	155	5.57	cps
Silicon	28-1	883892	861214	859874	868326	1.55	cps
Silver	107-1	11522	11680	11630	11611	0.70	cps
Silver	109-1	11355	10905	10913	11058	2.33	cps
Sodium	23-2	211422	205522	206696	207880	1.50	cps
Strontium	86-1	3859	3842	3592	3764	3.97	cps
Strontium	88-1	25758	24647	24088	24831	3.42	cps
Sulfur	34-1	455160	456928	466469	459519	1.32	cps
Terbium	159-1	11439610	11090270	10676215	11068698	3.45	cps
Terbium	159-2	4537852	4580116	4562469	4560146	0.47	cps
Thallium	203-1	6160	6744	6935	6613	6.11	cps
Thallium	205-1	16920	16603	15626	16383	4.11	cps
Tin	118-1	36466	35455	36827	36249	1.96	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N3980-11	Instrumnet Name :	P8
Client Sample ID :	LOQ-WATER-05-QT3-20	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:44:33	DataFile Name :	033LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8077	7877	7277	7744	5.38	cps
Uranium	238-1	18723	19499	18289	18837	3.25	cps
Vanadium	51-2	8466	7986	8129	8194	3.01	cps
Ytterbium	172-1	25	58	67	50	44.10	cps
Ytterbium	172-2	22	28	44	31	36.74	cps
Ytterbium	176-1	1975	2225	2200	2134	6.46	cps
Ytterbium	176-2	8842	8914	8803	8853	0.64	cps
Yttrium	89-1	16276329	16350094	16282875	16303099	0.25	cps
Yttrium	89-2	1667624	1701069	1695758	1688150	1.06	cps
Zinc	66-2	1073	977	917	989	7.99	cps
Zirconium	90-1	14683	14274	14208	14388	1.79	cps
Zirconium	91-1	3375	3284	3359	3339	1.46	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4239-01	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-QT3-2022-	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:47:42	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	727	757	739	741	2.04	cps
Antimony	121-1	6018	6193	5893	6035	2.50	cps
Arsenic	75-2	109	106	90	102	10.05	cps
Barium	135-1	8078	7577	6844	7500	8.28	cps
Barium	137-1	13240	12690	13140	13023	2.25	cps
Beryllium	9-1	1689	1706	1710	1702	0.67	cps
Bismuth	209-1	6750122	7152624	6489338	6797361	4.92	cps
Bismuth	209-2	2964041	3332585	3414012	3236879	7.41	cps
Boron	10-1	7276	7763	7757	7598	3.67	cps
Boron	11-1	32335	33993	34394	33574	3.25	cps
Bromine	81-1	87806	80192	81531	83176	4.89	cps
Cadmium	111-1	3360	3296	3272	3309	1.37	cps
Cadmium	106-1	7152	7294	6869	7105	3.05	cps
Cadmium	108-1	146	200	142	163	20.02	cps
Calcium	43-1	7226	7296	7153	7225	0.99	cps
Calcium	44-1	121097	120331	117375	119601	1.64	cps
Carbon	12-1	7381768	7243713	7117087	7247523	1.83	cps
Carbon	12-2	73233	71910	70771	71971	1.71	cps
Chlorine	35-1	379532	377883	373718	377044	0.79	cps
Chlorine	35-2	2409	2392	2450	2417	1.24	cps
Chromium	52-2	2377	2320	2420	2372	2.11	cps
Cobalt	59-2	1880	1630	1703	1738	7.40	cps
Copper	63-2	3944	4074	3927	3982	2.02	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	67	50	42	53	24.12	cps
Erbium	164-2	13	17	13	14	13.35	cps
Gadolinium	160-1	67	67	83	72	13.33	cps
Gadolinium	160-2	103	110	133	116	13.64	cps
Holmium	165-1	11756915	11911566	10727718	11465400	5.61	cps
Holmium	165-2	4077995	4456793	4599431	4378073	6.16	cps
Indium	115-1	10754725	10813513	9324803	10297680	8.19	cps
Indium	115-2	1219884	1362377	1376396	1319552	6.56	cps
Iron	54-2	10265	9520	9131	9639	5.98	cps
Iron	56-2	167722	162382	156603	162235	3.43	cps
Iron	57-2	4112	4240	3895	4082	4.27	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4239-01	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-QT3-2022-	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:47:42	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	602	542	579	575	5.26	cps
Lead	206-1	3139	3178	2945	3087	4.05	cps
Lead	207-1	2756	2750	2728	2745	0.54	cps
Lead	208-1	12480	12063	12236	12260	1.71	cps
Lithium	6-1	7491252	7599249	6953845	7348115	4.70	cps
Magnesium	24-2	45564	43942	42931	44146	3.01	cps
Manganese	55-2	530	607	603	580	7.47	cps
Molybdenum	94-1	7602	7794	7402	7599	2.58	cps
Molybdenum	95-1	9045	9128	8553	8909	3.49	cps
Molybdenum	96-1	11255	10513	10354	10707	4.49	cps
Molybdenum	97-1	5751	6193	5435	5793	6.58	cps
Molybdenum	98-1	14483	14950	14583	14672	1.68	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	487	503	497	496	1.69	cps
Phosphorus	31-2	1784	1742	1700	1742	2.39	cps
Potassium	39-2	48633	48499	47270	48134	1.56	cps
Rhodium	103-1	10462030	10618416	9555204	10211883	5.62	cps
Rhodium	103-2	3551984	3842951	4016526	3803820	6.17	cps
Scandium	45-1	8359888	8498467	7727063	8195139	5.02	cps
Scandium	45-2	202934	227124	233655	221238	7.32	cps
Selenium	82-1	707	720	662	697	4.34	cps
Selenium	77-2	37	23	13	24	47.91	cps
Selenium	78-2	139	116	133	129	9.23	cps
Silicon	28-1	841117	843415	832711	839081	0.67	cps
Silver	107-1	4851	4818	5026	4898	2.29	cps
Silver	109-1	4809	5285	4884	4993	5.12	cps
Sodium	23-2	103559	100068	97803	100477	2.89	cps
Strontium	86-1	2317	2334	2117	2256	5.35	cps
Strontium	88-1	11121	11138	9887	10716	6.70	cps
Sulfur	34-1	460448	454739	461243	458810	0.77	cps
Terbium	159-1	12219524	12252996	11377234	11949918	4.15	cps
Terbium	159-2	3998278	4445149	4605153	4349527	7.23	cps
Thallium	203-1	2800	3234	2700	2912	9.74	cps
Thallium	205-1	6935	7369	7094	7133	3.08	cps
Tin	118-1	17445	16944	16452	16947	2.93	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4239-01	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-QT3-2022-	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:47:42	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3367	3467	3634	3489	3.86	cps
Uranium	238-1	8620	8270	7744	8211	5.37	cps
Vanadium	51-2	3701	3447	3374	3507	4.89	cps
Ytterbium	172-1	100	58	92	83	26.45	cps
Ytterbium	172-2	17	33	28	26	32.72	cps
Ytterbium	176-1	2134	2209	1859	2067	8.92	cps
Ytterbium	176-2	7297	8681	9114	8364	11.35	cps
Yttrium	89-1	18160746	18553895	16852435	17855692	4.99	cps
Yttrium	89-2	1538681	1720280	1749618	1669526	6.84	cps
Zinc	66-2	597	507	613	572	10.03	cps
Zirconium	90-1	7252	7077	7427	7252	2.41	cps
Zirconium	91-1	1583	1708	1625	1639	3.88	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:51:03	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3797942	3904766	3768489	3823732	1.88	cps
Antimony	121-1	3266149	3222676	3287202	3258676	1.01	cps
Arsenic	75-2	91136	90879	88470	90162	1.63	cps
Barium	135-1	4665298	4766904	4816674	4749626	1.62	cps
Barium	137-1	8053900	8245909	7859564	8053124	2.40	cps
Beryllium	9-1	1794199	1739640	1704319	1746053	2.59	cps
Bismuth	209-1	5363667	5453552	5629806	5482341	2.47	cps
Bismuth	209-2	2864952	2879558	2896312	2880274	0.54	cps
Boron	10-1	342541	358645	360511	353899	2.79	cps
Boron	11-1	1456089	1536088	1486269	1492815	2.71	cps
Bromine	81-1	73570	74214	74202	73995	0.50	cps
Cadmium	111-1	979623	980365	978929	979639	0.07	cps
Cadmium	106-1	126823	123610	126898	125777	1.49	cps
Cadmium	108-1	82298	82143	82307	82249	0.11	cps
Calcium	43-1	8112973	8271019	8167219	8183737	0.98	cps
Calcium	44-1	132545162	132579393	129157598	131427384	1.50	cps
Carbon	12-1	6755876	6750296	6723095	6743089	0.26	cps
Carbon	12-2	72655	74280	71625	72853	1.84	cps
Chlorine	35-1	506598	513342	522030	513990	1.51	cps
Chlorine	35-2	3309	3159	3367	3278	3.28	cps
Chromium	52-2	1044288	1037957	1008535	1030260	1.85	cps
Cobalt	59-2	1937412	1950634	1955526	1947857	0.48	cps
Copper	63-2	14749654	14949212	14578869	14759245	1.26	cps
Dysprosium	156-1	483	642	567	564	14.05	cps
Dysprosium	156-2	160	180	147	162	10.34	cps
Erbium	164-1	50	92	117	86	39.11	cps
Erbium	164-2	37	33	33	34	5.60	cps
Gadolinium	160-1	367	383	417	389	6.55	cps
Gadolinium	160-2	210	280	253	248	14.26	cps
Holmium	165-1	10266877	10487603	10490045	10414842	1.23	cps
Holmium	165-2	4401045	4452360	4486366	4446590	0.97	cps
Indium	115-1	8839780	8446339	8645864	8643995	2.28	cps
Indium	115-2	1244031	1259364	1245641	1249679	0.67	cps
Iron	54-2	12951059	12724551	12093387	12589666	3.53	cps
Iron	56-2	229076277	223567194	225632927	226092133	1.23	cps
Iron	57-2	5539735	5668605	5563451	5590597	1.23	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:51:03	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	570	557	557	562	1.29	cps
Lead	206-1	13602872	13466315	13779012	13616066	1.15	cps
Lead	207-1	11967972	12102425	12369286	12146561	1.68	cps
Lead	208-1	55455925	55117968	56353450	55642447	1.15	cps
Lithium	6-1	6794151	6790833	6802143	6795709	0.09	cps
Magnesium	24-2	46638313	45953260	46568828	46386800	0.81	cps
Manganese	55-2	6091907	6019706	5814291	5975301	2.41	cps
Molybdenum	94-1	14692508	14912872	15133444	14912941	1.48	cps
Molybdenum	95-1	21759852	21766215	21387262	21637776	1.00	cps
Molybdenum	96-1	23699117	23255570	22997290	23317326	1.52	cps
Molybdenum	97-1	13109090	13183933	13246723	13179915	0.52	cps
Molybdenum	98-1	34769749	34657339	34154893	34527327	0.95	cps
Neodymium	150-1	447	567	473	496	12.71	cps
Neodymium	150-2	33	30	37	33	10.01	cps
Nickel	60-2	531650	533696	526056	530467	0.75	cps
Phosphorus	31-2	45614	46082	43767	45155	2.71	cps
Potassium	39-2	17756092	17798748	17509885	17688242	0.88	cps
Rhodium	103-1	8416100	8317154	8512992	8415415	1.16	cps
Rhodium	103-2	3337907	3447422	3389208	3391513	1.62	cps
Scandium	45-1	7441681	7228466	7197084	7289077	1.83	cps
Scandium	45-2	214651	217227	214327	215402	0.74	cps
Selenium	82-1	87938	88959	87382	88093	0.91	cps
Selenium	77-2	2487	2587	2384	2486	4.09	cps
Selenium	78-2	8494	8493	8273	8420	1.51	cps
Silicon	28-1	17930534	18250386	17669360	17950094	1.62	cps
Silver	107-1	5382324	5217848	5336763	5312312	1.60	cps
Silver	109-1	5010062	5188173	5003373	5067203	2.07	cps
Sodium	23-2	94985269	97005483	94548171	95512974	1.37	cps
Strontium	86-1	35430354	36617035	34477563	35508317	3.02	cps
Strontium	88-1	308964290	307730065	303913132	306869162	0.86	cps
Sulfur	34-1	1007300	995032	976232	992855	1.58	cps
Terbium	159-1	10476413	11078520	10558553	10704496	3.05	cps
Terbium	159-2	4395239	4623711	4558071	4525674	2.60	cps
Thallium	203-1	3269517	3244955	3186647	3233706	1.32	cps
Thallium	205-1	7925249	7667118	7911416	7834595	1.85	cps
Tin	118-1	3361534	3465110	3408201	3411615	1.52	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:51:03	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7289887	7173204	7156335	7206475	1.01	cps
Uranium	238-1	10228116	10491530	10492578	10404075	1.46	cps
Vanadium	51-2	848533	839210	817567	835103	1.90	cps
Ytterbium	172-1	108	158	133	133	18.75	cps
Ytterbium	172-2	106	50	94	83	35.28	cps
Ytterbium	176-1	9787	10346	10346	10160	3.18	cps
Ytterbium	176-2	11266	11733	12278	11759	4.31	cps
Yttrium	89-1	15821042	15781718	15421544	15674768	1.40	cps
Yttrium	89-2	1658804	1683555	1645797	1662718	1.15	cps
Zinc	66-2	1663896	1602036	1626692	1630875	1.91	cps
Zirconium	90-1	7515206	7545107	7391230	7483848	1.09	cps
Zirconium	91-1	1739602	1712504	1746772	1732959	1.04	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:57:32	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	115	196	121	144	31.36	cps
Antimony	121-1	408	525	708	547	27.64	cps
Arsenic	75-2	9	12	6	9	33.33	cps
Barium	135-1	50	17	58	42	52.91	cps
Barium	137-1	83	50	83	72	26.65	cps
Beryllium	9-1	67	64	67	66	3.27	cps
Bismuth	209-1	6730402	6259005	6462699	6484035	3.65	cps
Bismuth	209-2	3269902	3271361	3216741	3252668	0.96	cps
Boron	10-1	11168	10814	9287	10423	9.59	cps
Boron	11-1	49745	46773	43141	46553	7.10	cps
Bromine	81-1	79014	78118	77576	78236	0.93	cps
Cadmium	111-1	1872	2254	1853	1993	11.35	cps
Cadmium	106-1	5485	6418	5451	5785	9.49	cps
Cadmium	108-1	92	54	96	81	28.49	cps
Calcium	43-1	292	237	246	259	11.42	cps
Calcium	44-1	9962	9921	10117	10000	1.04	cps
Carbon	12-1	7276560	7183463	6977820	7145947	2.14	cps
Carbon	12-2	69942	72362	71383	71229	1.71	cps
Chlorine	35-1	322182	320074	317370	319875	0.75	cps
Chlorine	35-2	2017	2042	2075	2045	1.43	cps
Chromium	52-2	640	733	683	686	6.81	cps
Cobalt	59-2	63	90	67	73	19.81	cps
Copper	63-2	1430	1693	1367	1497	11.58	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	33	92	53	63.82	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	92	108	133	111	18.88	cps
Gadolinium	160-2	127	120	120	122	3.15	cps
Holmium	165-1	11139162	10466096	10514246	10706501	3.51	cps
Holmium	165-2	4360833	4603365	4396760	4453653	2.94	cps
Indium	115-1	9553431	9311137	9212708	9359092	1.87	cps
Indium	115-2	1306887	1309860	1311301	1309349	0.17	cps
Iron	54-2	967	961	1011	980	2.80	cps
Iron	56-2	4590	6865	4334	5263	26.47	cps
Iron	57-2	178	200	172	183	8.02	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:57:32	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	556	576	562	565	1.81	cps
Lead	206-1	833	906	945	894	6.30	cps
Lead	207-1	822	867	933	874	6.40	cps
Lead	208-1	3684	3800	3928	3804	3.21	cps
Lithium	6-1	7096179	7023249	6900562	7006663	1.41	cps
Magnesium	24-2	258	783	225	422	74.18	cps
Manganese	55-2	60	130	67	86	45.16	cps
Molybdenum	94-1	808	692	792	764	8.26	cps
Molybdenum	95-1	1192	1108	1125	1142	3.86	cps
Molybdenum	96-1	1517	1300	1258	1358	10.21	cps
Molybdenum	97-1	600	592	708	633	10.28	cps
Molybdenum	98-1	1892	1525	1600	1672	11.58	cps
Neodymium	150-1	27	7	7	13	86.58	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	80	80	67	76	10.19	cps
Phosphorus	31-2	1642	1733	1358	1578	12.39	cps
Potassium	39-2	17569	17761	17962	17764	1.10	cps
Rhodium	103-1	9246436	9154986	8795624	9065682	2.63	cps
Rhodium	103-2	3863639	3720834	3926754	3837076	2.75	cps
Scandium	45-1	7242599	7231820	7332266	7268895	0.76	cps
Scandium	45-2	219596	216817	218606	218340	0.64	cps
Selenium	82-1	85	35	44	55	48.92	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	66	58	64	63	6.64	cps
Silicon	28-1	763406	772620	744572	760199	1.88	cps
Silver	107-1	158	183	283	208	31.75	cps
Silver	109-1	100	200	100	133	43.30	cps
Sodium	23-2	25381	26008	25356	25582	1.44	cps
Strontium	86-1	933	867	1133	978	14.19	cps
Strontium	88-1	1000	825	700	842	17.90	cps
Sulfur	34-1	414336	418242	422720	418432	1.00	cps
Terbium	159-1	11154096	10690902	11162219	11002406	2.45	cps
Terbium	159-2	4531629	4604587	4564331	4566849	0.80	cps
Thallium	203-1	425	275	433	378	23.59	cps
Thallium	205-1	875	942	942	920	4.19	cps
Tin	118-1	2292	1900	3577	2590	33.87	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 13:57:32	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	267	167	267	233	24.74	cps
Uranium	238-1	8	42	58	36	70.51	cps
Vanadium	51-2	0	23	3	9	142.00	cps
Ytterbium	172-1	42	25	50	39	32.73	cps
Ytterbium	172-2	22	28	28	26	12.38	cps
Ytterbium	176-1	1959	1859	1959	1925	3.00	cps
Ytterbium	176-2	8375	8470	8703	8516	1.98	cps
Yttrium	89-1	16327545	15669500	16289816	16095620	2.30	cps
Yttrium	89-2	1682916	1693759	1657752	1678142	1.10	cps
Zinc	66-2	203	187	183	191	5.61	cps
Zirconium	90-1	633	708	817	719	12.81	cps
Zirconium	91-1	83	125	150	119	28.20	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4239-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT3-2022-05	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:00:41	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	950	761	752	821	13.59	cps
Antimony	121-1	5926	6043	5535	5835	4.57	cps
Arsenic	75-2	108	81	82	90	16.94	cps
Barium	135-1	7452	7411	7711	7525	2.16	cps
Barium	137-1	14467	13215	13791	13824	4.53	cps
Beryllium	9-1	1785	1799	1794	1792	0.39	cps
Bismuth	209-1	6484452	6412665	6316896	6404671	1.31	cps
Bismuth	209-2	3403270	3383637	3405162	3397356	0.35	cps
Boron	10-1	12691	13081	12311	12694	3.04	cps
Boron	11-1	55321	57132	55883	56112	1.65	cps
Bromine	81-1	78461	78038	77937	78145	0.36	cps
Cadmium	111-1	3205	3019	3004	3076	3.65	cps
Cadmium	106-1	6227	6143	6227	6199	0.78	cps
Cadmium	108-1	142	175	150	156	11.15	cps
Calcium	43-1	7370	7165	6998	7178	2.59	cps
Calcium	44-1	120768	120725	120236	120576	0.25	cps
Carbon	12-1	7016027	6984010	6734825	6911621	2.23	cps
Carbon	12-2	68359	68753	68074	68396	0.50	cps
Chlorine	35-1	332662	328168	330186	330339	0.68	cps
Chlorine	35-2	2017	2359	2075	2150	8.50	cps
Chromium	52-2	2667	2290	2480	2479	7.60	cps
Cobalt	59-2	1913	1730	1763	1802	5.42	cps
Copper	63-2	5088	4104	3927	4373	14.30	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	75	17	33	42	72.11	cps
Erbium	164-2	10	7	27	14	74.18	cps
Gadolinium	160-1	75	100	42	72	40.52	cps
Gadolinium	160-2	110	153	110	124	20.11	cps
Holmium	165-1	10439869	10401830	10052826	10298175	2.07	cps
Holmium	165-2	4577726	4593169	4618216	4596370	0.44	cps
Indium	115-1	9261843	9260613	9405366	9309274	0.89	cps
Indium	115-2	1372561	1386995	1381723	1380426	0.53	cps
Iron	54-2	10571	9703	9442	9905	5.96	cps
Iron	56-2	180118	165975	161317	169137	5.79	cps
Iron	57-2	4706	4412	3956	4358	8.67	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4239-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT3-2022-05	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:00:41	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	564	529	532	542	3.55	cps
Lead	206-1	3262	3117	3267	3215	2.65	cps
Lead	207-1	2995	2723	2556	2758	8.04	cps
Lead	208-1	13625	12947	12403	12992	4.72	cps
Lithium	6-1	6855082	6875365	6831857	6854102	0.32	cps
Magnesium	24-2	47905	44260	42839	45001	5.81	cps
Manganese	55-2	913	650	480	681	32.06	cps
Molybdenum	94-1	7769	8469	7869	8036	4.71	cps
Molybdenum	95-1	9370	9879	9529	9592	2.71	cps
Molybdenum	96-1	11080	10729	10446	10752	2.95	cps
Molybdenum	97-1	5918	6402	5568	5963	7.02	cps
Molybdenum	98-1	16168	16143	15242	15851	3.33	cps
Neodymium	150-1	0	27	0	9	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	530	497	507	511	3.35	cps
Phosphorus	31-2	1825	1667	1759	1750	4.54	cps
Potassium	39-2	49193	47621	47755	48190	1.81	cps
Rhodium	103-1	8948691	9342438	9165324	9152151	2.15	cps
Rhodium	103-2	3995103	3958960	3939321	3964461	0.71	cps
Scandium	45-1	7357248	7319495	7475224	7383989	1.10	cps
Scandium	45-2	224474	226300	225370	225381	0.40	cps
Selenium	82-1	671	651	604	642	5.40	cps
Selenium	77-2	7	13	7	9	43.25	cps
Selenium	78-2	127	111	117	118	6.83	cps
Silicon	28-1	800255	790170	790579	793668	0.72	cps
Silver	107-1	5101	5018	5043	5054	0.85	cps
Silver	109-1	4934	4868	4768	4857	1.73	cps
Sodium	23-2	109688	102763	100101	104184	4.75	cps
Strontium	86-1	2300	2150	2025	2159	6.38	cps
Strontium	88-1	11180	10696	10521	10799	3.16	cps
Sulfur	34-1	416290	426837	419500	420876	1.28	cps
Terbium	159-1	11125229	11130814	11065465	11107170	0.33	cps
Terbium	159-2	4773605	4732509	4635956	4714024	1.50	cps
Thallium	203-1	3342	3109	3059	3170	4.77	cps
Thallium	205-1	8061	7686	7236	7661	5.40	cps
Tin	118-1	17261	17938	16686	17295	3.62	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4239-03	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-QT3-2022-05	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:00:41	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3417	3400	3784	3534	6.13	cps
Uranium	238-1	8995	8728	8628	8784	2.16	cps
Vanadium	51-2	3681	3590	3584	3618	1.49	cps
Ytterbium	172-1	42	50	92	61	43.83	cps
Ytterbium	172-2	39	11	6	19	96.42	cps
Ytterbium	176-1	1975	1784	1917	1892	5.19	cps
Ytterbium	176-2	8786	9587	9003	9126	4.54	cps
Yttrium	89-1	16100214	15892143	16005660	15999339	0.65	cps
Yttrium	89-2	1731537	1750187	1720694	1734140	0.86	cps
Zinc	66-2	650	607	577	611	6.03	cps
Zirconium	90-1	7352	7210	6935	7166	2.96	cps
Zirconium	91-1	1533	1525	1375	1478	6.03	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P8
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:03:52	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	114	99	115	109	8.28	cps
Antimony	121-1	158	142	183	161	13.02	cps
Arsenic	75-2	5	3	8	5	47.19	cps
Barium	135-1	8	25	42	25	66.68	cps
Barium	137-1	92	58	17	56	67.64	cps
Beryllium	9-1	49	45	56	50	11.46	cps
Bismuth	209-1	6315860	6652301	6256699	6408287	3.33	cps
Bismuth	209-2	3169749	3126423	3087454	3127875	1.32	cps
Boron	10-1	5512	5466	5304	5427	2.01	cps
Boron	11-1	24878	24768	24039	24562	1.86	cps
Bromine	81-1	76155	75159	79357	76891	2.85	cps
Cadmium	111-1	2017	2215	2037	2089	5.22	cps
Cadmium	106-1	5951	6535	5960	6149	5.44	cps
Cadmium	108-1	113	133	100	115	14.61	cps
Calcium	43-1	294	287	289	290	1.14	cps
Calcium	44-1	10054	9890	9766	9903	1.46	cps
Carbon	12-1	7038420	7065247	6871155	6991608	1.50	cps
Carbon	12-2	68225	67874	68376	68158	0.38	cps
Chlorine	35-1	303817	303989	302982	303596	0.18	cps
Chlorine	35-2	1750	2117	1867	1911	9.80	cps
Chromium	52-2	603	677	660	647	5.94	cps
Cobalt	59-2	53	30	60	48	32.97	cps
Copper	63-2	1303	1327	1480	1370	7.01	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	8	50	42	33	66.15	cps
Erbium	164-2	13	7	17	12	41.65	cps
Gadolinium	160-1	100	117	108	108	7.69	cps
Gadolinium	160-2	100	157	130	129	22.00	cps
Holmium	165-1	10291332	11381430	10177704	10616822	6.26	cps
Holmium	165-2	4415232	4258408	4074671	4249437	4.01	cps
Indium	115-1	9181927	9956682	9511502	9550037	4.07	cps
Indium	115-2	1322029	1316554	1239906	1292829	3.55	cps
Iron	54-2	900	917	939	919	2.12	cps
Iron	56-2	4301	4006	3867	4058	5.45	cps
Iron	57-2	106	128	100	111	13.23	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P8
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:03:52	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	610	587	541	580	6.05	cps
Lead	206-1	872	945	1011	943	7.37	cps
Lead	207-1	945	789	778	837	11.13	cps
Lead	208-1	3711	3589	3595	3632	1.90	cps
Lithium	6-1	7023750	7342346	6803917	7056671	3.84	cps
Magnesium	24-2	242	167	233	214	19.22	cps
Manganese	55-2	93	87	80	87	7.69	cps
Molybdenum	94-1	417	392	417	408	3.54	cps
Molybdenum	95-1	233	300	233	256	15.06	cps
Molybdenum	96-1	608	433	608	550	18.37	cps
Molybdenum	97-1	192	142	192	175	16.50	cps
Molybdenum	98-1	542	592	467	533	11.80	cps
Neodymium	150-1	7	0	20	9	114.55	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	43	60	93	66	38.84	cps
Phosphorus	31-2	1800	1633	1675	1703	5.09	cps
Potassium	39-2	18112	17953	19213	18426	3.72	cps
Rhodium	103-1	9119454	9419853	8804097	9114468	3.38	cps
Rhodium	103-2	3846767	3699480	3528793	3691680	4.31	cps
Scandium	45-1	7226697	7538759	7201140	7322199	2.57	cps
Scandium	45-2	217021	215222	201697	211313	3.96	cps
Selenium	82-1	-64	13	34	-6	-878.35	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	76	78	67	74	7.95	cps
Silicon	28-1	769942	758670	773636	767416	1.02	cps
Silver	107-1	167	242	192	200	19.10	cps
Silver	109-1	150	117	83	117	28.57	cps
Sodium	23-2	22852	22943	23061	22952	0.46	cps
Strontium	86-1	1008	1067	892	989	9.01	cps
Strontium	88-1	550	483	425	486	12.87	cps
Sulfur	34-1	427516	431655	423912	427694	0.91	cps
Terbium	159-1	10896507	11769711	11161095	11275771	3.97	cps
Terbium	159-2	4497377	4401152	4301971	4400166	2.22	cps
Thallium	203-1	300	308	258	289	9.27	cps
Thallium	205-1	858	883	942	895	4.78	cps
Tin	118-1	2225	2826	2942	2664	14.43	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P8
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:03:52	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	300	192	333	275	26.94	cps
Uranium	238-1	17	25	25	22	21.64	cps
Vanadium	51-2	3	3	13	7	86.65	cps
Ytterbium	172-1	67	58	75	67	12.49	cps
Ytterbium	172-2	33	11	44	30	57.29	cps
Ytterbium	176-1	1817	2034	1683	1845	9.58	cps
Ytterbium	176-2	8314	8703	8058	8358	3.89	cps
Yttrium	89-1	16070429	16982613	16018999	16357347	3.31	cps
Yttrium	89-2	1637323	1610236	1546954	1598171	2.90	cps
Zinc	66-2	297	187	243	242	22.71	cps
Zirconium	90-1	675	617	783	692	12.23	cps
Zirconium	91-1	117	125	133	125	6.67	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P8
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:07:01	DataFile Name :	039LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3090	3139	2965	3065	2.92	cps
Antimony	121-1	26025	25883	24614	25508	3.05	cps
Arsenic	75-2	399	343	395	379	8.24	cps
Barium	135-1	34269	33543	33584	33799	1.21	cps
Barium	137-1	60361	57734	59038	59044	2.23	cps
Beryllium	9-1	7232	6965	6872	7023	2.66	cps
Bismuth	209-1	6303567	6485801	5794488	6194619	5.78	cps
Bismuth	209-2	3234619	3258371	3237280	3243423	0.40	cps
Boron	10-1	26320	28230	27887	27479	3.70	cps
Boron	11-1	118638	127223	127468	124443	4.04	cps
Bromine	81-1	76909	76861	73841	75870	2.32	cps
Cadmium	111-1	6386	6089	6118	6197	2.64	cps
Cadmium	106-1	6485	6652	6443	6527	1.69	cps
Cadmium	108-1	342	396	483	407	17.57	cps
Calcium	43-1	30318	30527	29623	30156	1.57	cps
Calcium	44-1	490944	490401	475536	485627	1.80	cps
Carbon	12-1	5981444	5993491	6108957	6027964	1.17	cps
Carbon	12-2	61839	61630	60977	61482	0.73	cps
Chlorine	35-1	454307	461353	459042	458234	0.78	cps
Chlorine	35-2	3125	2750	2750	2875	7.53	cps
Chromium	52-2	8873	8619	8763	8752	1.45	cps
Cobalt	59-2	7892	7615	7129	7545	5.12	cps
Copper	63-2	13176	12739	12295	12737	3.46	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	42	58	42	47	20.37	cps
Erbium	164-2	17	13	10	13	25.01	cps
Gadolinium	160-1	58	67	83	69	18.34	cps
Gadolinium	160-2	93	130	147	123	22.13	cps
Holmium	165-1	10542282	10255030	9813253	10203522	3.60	cps
Holmium	165-2	4569710	4473805	4233859	4425791	3.91	cps
Indium	115-1	9517452	9241352	8989117	9249307	2.86	cps
Indium	115-2	1343328	1324632	1311476	1326479	1.21	cps
Iron	54-2	39561	37806	37316	38227	3.09	cps
Iron	56-2	677437	663466	653791	664898	1.79	cps
Iron	57-2	16927	16471	15998	16465	2.82	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P8
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:07:01	DataFile Name :	039LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	547	512	599	553	7.85	cps
Lead	206-1	11383	11761	10844	11329	4.07	cps
Lead	207-1	10004	9565	9893	9821	2.33	cps
Lead	208-1	45443	45621	43540	44868	2.57	cps
Lithium	6-1	7106831	6875626	6694418	6892292	3.00	cps
Magnesium	24-2	193192	187760	185348	188767	2.13	cps
Manganese	55-2	2404	2267	2264	2311	3.46	cps
Molybdenum	94-1	39741	40326	39081	39716	1.57	cps
Molybdenum	95-1	52667	51831	51363	51954	1.27	cps
Molybdenum	96-1	58290	57236	56566	57364	1.52	cps
Molybdenum	97-1	33959	31570	31620	32383	4.22	cps
Molybdenum	98-1	84207	83108	82127	83147	1.25	cps
Neodymium	150-1	7	0	20	9	114.55	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	2240	2130	2107	2159	3.30	cps
Phosphorus	31-2	1650	1658	1642	1650	0.50	cps
Potassium	39-2	144641	143319	139766	142575	1.77	cps
Rhodium	103-1	9412185	9096947	8663149	9057427	4.15	cps
Rhodium	103-2	3816854	3786032	3794696	3799194	0.42	cps
Scandium	45-1	7620160	7509019	6988963	7372714	4.57	cps
Scandium	45-2	220062	218130	216910	218367	0.73	cps
Selenium	82-1	1884	2001	1806	1897	5.18	cps
Selenium	77-2	60	60	50	57	10.19	cps
Selenium	78-2	258	251	242	250	3.20	cps
Silicon	28-1	865701	875778	864059	868513	0.73	cps
Silver	107-1	20933	22110	20991	21345	3.11	cps
Silver	109-1	20658	20691	19423	20257	3.57	cps
Sodium	23-2	369182	363912	361625	364907	1.06	cps
Strontium	86-1	6777	6835	6243	6618	4.93	cps
Strontium	88-1	48452	50492	49071	49338	2.12	cps
Sulfur	34-1	430943	434910	427628	431160	0.85	cps
Terbium	159-1	10896615	11040641	10474074	10803777	2.73	cps
Terbium	159-2	4490168	4522487	4379637	4464097	1.68	cps
Thallium	203-1	13065	12623	12548	12746	2.19	cps
Thallium	205-1	31071	30846	30010	30643	1.82	cps
Tin	118-1	3326	3134	3109	3189	3.72	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P8
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:07:01	DataFile Name :	039LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	13498	14157	13632	13763	2.53	cps
Uranium	238-1	37899	38978	37582	38153	1.92	cps
Vanadium	51-2	15585	15258	14945	15263	2.10	cps
Ytterbium	172-1	33	42	50	42	20.00	cps
Ytterbium	172-2	0	44	33	26	89.22	cps
Ytterbium	176-1	1950	1942	1775	1889	5.23	cps
Ytterbium	176-2	8631	8975	8775	8794	1.97	cps
Yttrium	89-1	16522212	16527475	15700947	16250211	2.93	cps
Yttrium	89-2	1785380	1662371	1625261	1691004	4.96	cps
Zinc	66-2	3667	3911	3504	3694	5.54	cps
Zirconium	90-1	29081	28580	28271	28644	1.43	cps
Zirconium	91-1	6677	6543	6418	6546	1.98	cps

LB Number : LB121810 Operator : Jaswal
 Lab Sample ID : PBS Instrumnet Name : P8
 Client Sample ID : PBS Dilution Factor : 1
 Date & Time Acquired : 2022-08-30 14:10:13 DataFile Name : 040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	109	89	105	14.04	cps
Antimony	121-1	42	142	108	97	52.37	cps
Arsenic	75-2	6	8	6	7	17.32	cps
Barium	135-1	33	42	25	33	25.01	cps
Barium	137-1	33	42	33	36	13.33	cps
Beryllium	9-1	49	57	52	53	8.30	cps
Bismuth	209-1	6198984	6267878	6164077	6210313	0.85	cps
Bismuth	209-2	3202016	3273115	3105805	3193646	2.63	cps
Boron	10-1	5642	5156	4886	5228	7.33	cps
Boron	11-1	23688	22515	22513	22905	2.96	cps
Bromine	81-1	77624	78532	81200	79118	2.35	cps
Cadmium	111-1	2038	2195	2089	2107	3.79	cps
Cadmium	106-1	5885	6402	6068	6118	4.28	cps
Cadmium	108-1	54	83	92	76	25.78	cps
Calcium	43-1	284	255	260	266	5.77	cps
Calcium	44-1	9870	9997	9886	9918	0.70	cps
Carbon	12-1	7016173	6979211	6787372	6927585	1.77	cps
Carbon	12-2	68694	69674	69272	69213	0.71	cps
Chlorine	35-1	295485	298162	298468	297371	0.55	cps
Chlorine	35-2	1967	2117	2034	2039	3.69	cps
Chromium	52-2	603	623	603	610	1.89	cps
Cobalt	59-2	67	40	67	58	26.65	cps
Copper	63-2	1280	1443	1403	1376	6.19	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	17	67	58	47	56.72	cps
Erbium	164-2	20	17	13	17	20.01	cps
Gadolinium	160-1	150	150	125	142	10.19	cps
Gadolinium	160-2	133	117	113	121	8.85	cps
Holmium	165-1	10221386	10085872	10343732	10216997	1.26	cps
Holmium	165-2	4318551	4495251	4537698	4450500	2.61	cps
Indium	115-1	9007451	9134197	9363494	9168381	1.97	cps
Indium	115-2	1277041	1343610	1314557	1311736	2.54	cps
Iron	54-2	889	995	772	885	12.56	cps
Iron	56-2	4362	4668	4234	4421	5.04	cps
Iron	57-2	144	139	139	141	2.28	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P8
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:10:13	DataFile Name :	040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	551	545	627	575	7.99	cps
Lead	206-1	906	883	911	900	1.63	cps
Lead	207-1	878	717	706	767	12.57	cps
Lead	208-1	3606	3517	3267	3463	5.07	cps
Lithium	6-1	6793848	6866423	6698935	6786402	1.24	cps
Magnesium	24-2	158	242	267	222	25.53	cps
Manganese	55-2	67	63	67	66	2.94	cps
Molybdenum	94-1	258	283	383	308	21.45	cps
Molybdenum	95-1	175	208	192	192	8.69	cps
Molybdenum	96-1	383	442	442	422	7.98	cps
Molybdenum	97-1	108	75	117	100	22.05	cps
Molybdenum	98-1	267	325	342	311	12.66	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	73	67	83	74	11.26	cps
Phosphorus	31-2	1683	1683	1700	1689	0.57	cps
Potassium	39-2	19171	18454	18128	18585	2.87	cps
Rhodium	103-1	8853304	8843925	9086112	8927780	1.54	cps
Rhodium	103-2	3623448	3829404	3786627	3746493	2.90	cps
Scandium	45-1	7106251	7147177	7381654	7211694	2.06	cps
Scandium	45-2	211482	225454	215018	217318	3.34	cps
Selenium	82-1	35	1	-33	1	2707.22	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	58	74	63	65	12.59	cps
Silicon	28-1	772504	775188	777739	775144	0.34	cps
Silver	107-1	150	133	150	144	6.66	cps
Silver	109-1	125	142	167	144	14.52	cps
Sodium	23-2	23102	22351	21808	22420	2.90	cps
Strontium	86-1	867	900	875	881	1.97	cps
Strontium	88-1	458	483	575	506	12.15	cps
Sulfur	34-1	444322	432827	442648	439932	1.41	cps
Terbium	159-1	10457120	10534074	11048402	10679866	3.01	cps
Terbium	159-2	4444127	4678986	4487139	4536751	2.76	cps
Thallium	203-1	208	292	367	289	27.42	cps
Thallium	205-1	650	817	717	728	11.53	cps
Tin	118-1	2784	2334	2943	2687	11.76	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P8
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:10:13	DataFile Name :	040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	250	308	342	300	15.47	cps
Uranium	238-1	8	25	17	17	50.01	cps
Vanadium	51-2	3	0	3	2	86.60	cps
Ytterbium	172-1	25	58	25	36	53.30	cps
Ytterbium	172-2	39	39	28	35	18.23	cps
Ytterbium	176-1	2025	1758	1725	1836	8.96	cps
Ytterbium	176-2	8147	8764	8803	8571	4.29	cps
Yttrium	89-1	15320494	15635537	15788033	15581355	1.53	cps
Yttrium	89-2	1612841	1639914	1681133	1644629	2.09	cps
Zinc	66-2	190	193	217	200	7.26	cps
Zirconium	90-1	808	625	733	722	12.76	cps
Zirconium	91-1	133	125	117	125	6.67	cps

LB Number : LB121810 Operator : Jaswal
 Lab Sample ID : LCSS Instrumnet Name : P8
 Client Sample ID : LCSS Dilution Factor : 1
 Date & Time Acquired : 2022-08-30 14:13:22 DataFile Name : 041LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3277	3140	3086	3168	3.11	cps
Antimony	121-1	26560	27111	24915	26195	4.36	cps
Arsenic	75-2	424	425	397	415	3.82	cps
Barium	135-1	35180	33501	34837	34506	2.57	cps
Barium	137-1	60110	59599	58252	59320	1.62	cps
Beryllium	9-1	7445	7346	7197	7329	1.70	cps
Bismuth	209-1	6236783	6542656	6459122	6412854	2.47	cps
Bismuth	209-2	3135136	3175091	3257169	3189132	1.95	cps
Boron	10-1	26665	28598	28436	27900	3.84	cps
Boron	11-1	118585	126241	128124	124317	4.06	cps
Bromine	81-1	78915	77707	76720	77781	1.41	cps
Cadmium	111-1	6071	6414	6236	6240	2.75	cps
Cadmium	106-1	6769	6443	6385	6532	3.16	cps
Cadmium	108-1	450	471	404	442	7.72	cps
Calcium	43-1	31530	31656	30493	31226	2.04	cps
Calcium	44-1	510839	504089	490834	501921	2.03	cps
Carbon	12-1	6128211	6282535	6068684	6159810	1.79	cps
Carbon	12-2	65044	61922	64484	63817	2.61	cps
Chlorine	35-1	494348	505322	497713	499128	1.13	cps
Chlorine	35-2	3017	3501	3009	3175	8.87	cps
Chromium	52-2	8980	8916	8923	8940	0.39	cps
Cobalt	59-2	7752	7662	7515	7643	1.56	cps
Copper	63-2	13086	12696	12919	12900	1.52	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	10	0	0	3	173.21	cps
Erbium	164-1	25	50	25	33	43.30	cps
Erbium	164-2	7	17	7	10	57.72	cps
Gadolinium	160-1	83	117	142	114	25.69	cps
Gadolinium	160-2	90	117	117	108	14.29	cps
Holmium	165-1	10535065	10904436	10628633	10689378	1.80	cps
Holmium	165-2	4437195	4323723	4454650	4405189	1.61	cps
Indium	115-1	9503924	9232902	9437782	9391536	1.50	cps
Indium	115-2	1333322	1307381	1343149	1327951	1.39	cps
Iron	54-2	40502	38825	37644	38991	3.68	cps
Iron	56-2	715001	704063	675098	698054	2.95	cps
Iron	57-2	17639	17400	17428	17489	0.75	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P8
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:13:22	DataFile Name :	041LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	541	542	531	538	1.14	cps
Lead	206-1	11850	11511	10855	11405	4.44	cps
Lead	207-1	10071	10210	9615	9965	3.12	cps
Lead	208-1	45882	47246	44871	46000	2.59	cps
Lithium	6-1	7096137	7073329	7146019	7105162	0.52	cps
Magnesium	24-2	201635	192599	187136	193790	3.78	cps
Manganese	55-2	2600	2450	2564	2538	3.08	cps
Molybdenum	94-1	42875	43134	39942	41984	4.22	cps
Molybdenum	95-1	54140	54583	53169	53964	1.34	cps
Molybdenum	96-1	61881	60391	57880	60051	3.37	cps
Molybdenum	97-1	34326	33925	32956	33736	2.09	cps
Molybdenum	98-1	87467	89071	83838	86792	3.09	cps
Neodymium	150-1	7	7	20	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	2224	2217	2114	2185	2.82	cps
Phosphorus	31-2	1959	1842	1717	1839	6.57	cps
Potassium	39-2	155248	146229	149125	150201	3.07	cps
Rhodium	103-1	9160036	9063417	9311322	9178258	1.36	cps
Rhodium	103-2	3858528	3731055	3765133	3784906	1.74	cps
Scandium	45-1	7364785	7476150	7262205	7367713	1.45	cps
Scandium	45-2	219105	221035	226662	222267	1.77	cps
Selenium	82-1	1924	1906	1934	1921	0.72	cps
Selenium	77-2	50	53	73	59	21.43	cps
Selenium	78-2	252	240	241	244	2.72	cps
Silicon	28-1	918875	895392	916291	910186	1.41	cps
Silver	107-1	21601	21809	21868	21759	0.64	cps
Silver	109-1	20583	21033	20324	20647	1.74	cps
Sodium	23-2	392095	375497	377445	381679	2.38	cps
Strontium	86-1	6810	6718	6593	6707	1.62	cps
Strontium	88-1	49948	50918	50233	50366	0.99	cps
Sulfur	34-1	442147	436679	443503	440776	0.82	cps
Terbium	159-1	11011140	10888111	10848800	10916017	0.78	cps
Terbium	159-2	4521665	4354363	4497048	4457692	2.03	cps
Thallium	203-1	12598	12923	13099	12873	1.97	cps
Thallium	205-1	32909	30896	30278	31361	4.39	cps
Tin	118-1	2725	3134	3309	3056	9.80	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P8
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:13:22	DataFile Name :	041LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	14307	14624	13615	14182	3.64	cps
Uranium	238-1	40557	40708	37097	39454	5.18	cps
Vanadium	51-2	17097	16283	15749	16376	4.15	cps
Ytterbium	172-1	58	42	58	53	18.23	cps
Ytterbium	172-2	17	28	44	30	47.18	cps
Ytterbium	176-1	2292	2159	1867	2106	10.32	cps
Ytterbium	176-2	8625	8998	8747	8790	2.16	cps
Yttrium	89-1	16265655	16288697	15941040	16165131	1.20	cps
Yttrium	89-2	1693166	1601072	1666109	1653449	2.86	cps
Zinc	66-2	3691	3767	3577	3678	2.60	cps
Zirconium	90-1	29975	30626	29231	29944	2.33	cps
Zirconium	91-1	7210	6710	5893	6605	10.07	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	PBW 6020	Instrumnet Name :	P8
Client Sample ID :	PBW 6020	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:16:34	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	111	94	102	8.72	cps
Antimony	121-1	83	83	75	81	5.98	cps
Arsenic	75-2	2	11	7	7	67.64	cps
Barium	135-1	17	42	17	25	57.73	cps
Barium	137-1	17	25	42	28	45.82	cps
Beryllium	9-1	34	41	41	39	11.17	cps
Bismuth	209-1	6196736	6271944	5929522	6132734	2.93	cps
Bismuth	209-2	3192828	3088459	3056251	3112513	2.29	cps
Boron	10-1	6082	5598	5256	5645	7.35	cps
Boron	11-1	27170	24221	22999	24797	8.65	cps
Bromine	81-1	81159	78241	77856	79086	2.28	cps
Cadmium	111-1	1996	1906	1983	1962	2.49	cps
Cadmium	106-1	5818	5526	5793	5712	2.83	cps
Cadmium	108-1	75	58	88	74	19.88	cps
Calcium	43-1	281	275	251	269	5.88	cps
Calcium	44-1	9783	9670	9860	9771	0.98	cps
Carbon	12-1	7106887	6871700	6852601	6943729	2.04	cps
Carbon	12-2	69440	70687	68427	69518	1.63	cps
Chlorine	35-1	289412	293464	298108	293661	1.48	cps
Chlorine	35-2	1809	1750	1800	1786	1.77	cps
Chromium	52-2	597	573	517	562	7.32	cps
Cobalt	59-2	43	53	47	48	10.66	cps
Copper	63-2	1253	1267	1420	1313	7.05	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	42	25	33	25.01	cps
Erbium	164-2	20	17	17	18	10.81	cps
Gadolinium	160-1	100	92	83	92	9.09	cps
Gadolinium	160-2	123	117	97	112	12.37	cps
Holmium	165-1	10022366	9765410	10029059	9938945	1.51	cps
Holmium	165-2	4224291	4138361	4235411	4199354	1.26	cps
Indium	115-1	9030940	9000491	8991150	9007527	0.23	cps
Indium	115-2	1270364	1284788	1293745	1282966	0.92	cps
Iron	54-2	978	844	911	911	7.32	cps
Iron	56-2	4495	3989	4406	4297	6.28	cps
Iron	57-2	122	106	194	141	33.57	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	PBW 6020	Instrumnet Name :	P8
Client Sample ID :	PBW 6020	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:16:34	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	530	520	565	538	4.39	cps
Lead	206-1	778	1006	761	848	16.10	cps
Lead	207-1	706	689	667	687	2.84	cps
Lead	208-1	3345	3611	3167	3374	6.63	cps
Lithium	6-1	6798084	6870764	6687605	6785484	1.36	cps
Magnesium	24-2	150	233	308	231	34.36	cps
Manganese	55-2	73	63	87	74	15.73	cps
Molybdenum	94-1	233	150	283	222	30.31	cps
Molybdenum	95-1	92	117	142	117	21.43	cps
Molybdenum	96-1	367	358	375	367	2.27	cps
Molybdenum	97-1	42	142	67	83	62.45	cps
Molybdenum	98-1	175	292	225	231	25.39	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	93	70	93	86	15.75	cps
Phosphorus	31-2	1692	1617	1650	1653	2.27	cps
Potassium	39-2	18529	18028	18596	18384	1.69	cps
Rhodium	103-1	8906209	8725450	8776951	8802870	1.06	cps
Rhodium	103-2	3607871	3715478	3667205	3663518	1.47	cps
Scandium	45-1	7027390	7056063	6900011	6994488	1.19	cps
Scandium	45-2	209215	211465	213088	211256	0.92	cps
Selenium	82-1	109	70	76	85	24.47	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	73	72	69	71	2.92	cps
Silicon	28-1	767799	766873	764337	766336	0.23	cps
Silver	107-1	92	217	158	156	40.21	cps
Silver	109-1	158	92	92	114	33.80	cps
Sodium	23-2	21900	22835	21207	21981	3.72	cps
Strontium	86-1	1117	1100	1083	1100	1.51	cps
Strontium	88-1	392	542	633	522	23.36	cps
Sulfur	34-1	443498	443448	436770	441239	0.88	cps
Terbium	159-1	10257391	10404808	10200057	10287419	1.03	cps
Terbium	159-2	4364491	4416882	4352045	4377806	0.79	cps
Thallium	203-1	275	175	300	250	26.46	cps
Thallium	205-1	675	483	667	608	17.81	cps
Tin	118-1	5053	1900	2134	3029	58.00	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	PBW 6020	Instrumnet Name :	P8
Client Sample ID :	PBW 6020	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:16:34	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	217	200	292	236	20.68	cps
Uranium	238-1	25	8	17	17	50.01	cps
Vanadium	51-2	17	3	13	11	62.48	cps
Ytterbium	172-1	42	17	8	22	78.07	cps
Ytterbium	172-2	6	33	17	19	75.47	cps
Ytterbium	176-1	1992	2075	1892	1986	4.62	cps
Ytterbium	176-2	8092	8675	8420	8395	3.49	cps
Yttrium	89-1	15594945	15294064	15453485	15447498	0.97	cps
Yttrium	89-2	1612929	1614238	1641184	1622783	0.98	cps
Zinc	66-2	250	197	203	217	13.41	cps
Zirconium	90-1	592	650	767	669	13.31	cps
Zirconium	91-1	92	133	67	97	34.64	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	PBS 6020	Instrumnet Name :	P8
Client Sample ID :	PBS 6020	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:19:43	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	106	110	112	110	2.87	cps
Antimony	121-1	50	67	50	56	17.32	cps
Arsenic	75-2	12	9	2	8	66.93	cps
Barium	135-1	33	17	25	25	33.32	cps
Barium	137-1	50	33	25	36	35.25	cps
Beryllium	9-1	49	44	23	38	36.35	cps
Bismuth	209-1	6262328	6011219	6044523	6106023	2.23	cps
Bismuth	209-2	3073005	3039634	3086626	3066422	0.79	cps
Boron	10-1	3194	3192	3172	3186	0.38	cps
Boron	11-1	14767	14318	14134	14406	2.26	cps
Bromine	81-1	78008	77947	81442	79132	2.53	cps
Cadmium	111-1	2092	1979	2098	2056	3.26	cps
Cadmium	106-1	6060	5801	6052	5971	2.46	cps
Cadmium	108-1	71	92	71	78	15.47	cps
Calcium	43-1	269	247	251	256	4.43	cps
Calcium	44-1	10293	9562	9650	9835	4.06	cps
Carbon	12-1	6099936	6175268	6240155	6171786	1.14	cps
Carbon	12-2	64977	63387	64434	64266	1.26	cps
Chlorine	35-1	445707	443245	446462	445138	0.38	cps
Chlorine	35-2	2834	2725	2709	2756	2.46	cps
Chromium	52-2	697	660	690	682	2.86	cps
Cobalt	59-2	40	60	80	60	33.33	cps
Copper	63-2	1287	1397	1340	1341	4.10	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	0	67	28	124.89	cps
Erbium	164-2	30	10	27	22	48.22	cps
Gadolinium	160-1	83	50	125	86	43.64	cps
Gadolinium	160-2	143	93	110	116	22.04	cps
Holmium	165-1	10424259	9503662	10126082	10018001	4.69	cps
Holmium	165-2	4264670	4181547	4377901	4274706	2.31	cps
Indium	115-1	9103886	9098799	8795930	8999538	1.96	cps
Indium	115-2	1279235	1279229	1300128	1286197	0.94	cps
Iron	54-2	833	878	822	844	3.48	cps
Iron	56-2	4690	4490	4556	4579	2.22	cps
Iron	57-2	139	117	144	133	11.02	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	PBS 6020	Instrumnet Name :	P8
Client Sample ID :	PBS 6020	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:19:43	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	567	564	555	562	1.14	cps
Lead	206-1	967	867	933	922	5.52	cps
Lead	207-1	845	761	739	782	7.12	cps
Lead	208-1	4067	3478	3573	3706	8.54	cps
Lithium	6-1	6906217	6571209	6694918	6724115	2.52	cps
Magnesium	24-2	267	183	283	244	21.92	cps
Manganese	55-2	70	60	113	81	34.96	cps
Molybdenum	94-1	275	250	233	253	8.30	cps
Molybdenum	95-1	150	108	58	106	43.49	cps
Molybdenum	96-1	358	342	317	339	6.19	cps
Molybdenum	97-1	58	17	108	61	75.10	cps
Molybdenum	98-1	383	125	175	228	60.16	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	70	93	87	83	14.42	cps
Phosphorus	31-2	1792	1592	1625	1670	6.42	cps
Potassium	39-2	18571	18487	17978	18345	1.75	cps
Rhodium	103-1	8840759	8204584	8849128	8631490	4.28	cps
Rhodium	103-2	3593116	3588443	3762210	3647923	2.71	cps
Scandium	45-1	7231694	6906116	6969329	7035713	2.45	cps
Scandium	45-2	210806	213150	215638	213198	1.13	cps
Selenium	82-1	31	-14	30	16	161.86	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	70	83	65	73	12.78	cps
Silicon	28-1	760967	758837	771353	763719	0.88	cps
Silver	107-1	167	175	100	147	27.92	cps
Silver	109-1	75	58	75	69	13.85	cps
Sodium	23-2	20515	20423	20715	20551	0.73	cps
Strontium	86-1	933	858	808	867	7.26	cps
Strontium	88-1	1267	350	408	675	76.05	cps
Sulfur	34-1	443275	447640	437043	442653	1.20	cps
Terbium	159-1	10722761	10044734	10448507	10405334	3.28	cps
Terbium	159-2	4426955	4404364	4484274	4438531	0.93	cps
Thallium	203-1	258	308	317	294	10.72	cps
Thallium	205-1	675	592	617	628	6.81	cps
Tin	118-1	4134	4317	3984	4145	4.03	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	PBS 6020	Instrumnet Name :	P8
Client Sample ID :	PBS 6020	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:19:43	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	283	292	333	303	8.85	cps
Uranium	238-1	50	58	8	39	68.89	cps
Vanadium	51-2	7	0	7	4	86.60	cps
Ytterbium	172-1	83	25	25	44	75.78	cps
Ytterbium	172-2	33	17	11	20	56.76	cps
Ytterbium	176-1	1775	1717	1884	1792	4.72	cps
Ytterbium	176-2	7975	9014	8664	8551	6.19	cps
Yttrium	89-1	15787441	14555691	14929236	15090790	4.19	cps
Yttrium	89-2	1578838	1598812	1642852	1606834	2.04	cps
Zinc	66-2	263	220	240	241	9.00	cps
Zirconium	90-1	650	525	642	606	11.54	cps
Zirconium	91-1	108	50	133	97	43.99	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	PBW 200.8	Instrumnet Name :	P8
Client Sample ID :	PBW 200.8	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:22:55	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	97	115	99	104	9.41	cps
Antimony	121-1	92	33	58	61	47.89	cps
Arsenic	75-2	6	6	11	8	37.65	cps
Barium	135-1	42	33	50	42	20.00	cps
Barium	137-1	58	58	50	56	8.66	cps
Beryllium	9-1	47	41	34	41	16.85	cps
Bismuth	209-1	6029630	6099521	6065748	6064966	0.58	cps
Bismuth	209-2	3221452	3163973	3190978	3192134	0.90	cps
Boron	10-1	2730	2770	2724	2741	0.91	cps
Boron	11-1	12485	12121	12155	12253	1.64	cps
Bromine	81-1	80749	79851	81080	80560	0.79	cps
Cadmium	111-1	1988	1985	2048	2007	1.76	cps
Cadmium	106-1	5868	5726	6018	5871	2.48	cps
Cadmium	108-1	113	63	96	90	28.20	cps
Calcium	43-1	230	241	301	257	14.88	cps
Calcium	44-1	9938	9798	10141	9959	1.73	cps
Carbon	12-1	7140978	7109839	6866974	7039264	2.13	cps
Carbon	12-2	69280	69757	68175	69071	1.17	cps
Chlorine	35-1	289037	291756	292296	291030	0.60	cps
Chlorine	35-2	1875	1758	1925	1853	4.62	cps
Chromium	52-2	560	657	607	608	7.95	cps
Cobalt	59-2	43	40	57	47	18.90	cps
Copper	63-2	1410	1333	1187	1310	8.66	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	67	8	42	39	75.26	cps
Erbium	164-2	13	27	10	17	52.93	cps
Gadolinium	160-1	150	100	125	125	20.00	cps
Gadolinium	160-2	153	143	177	158	10.84	cps
Holmium	165-1	9995524	10114306	10013919	10041250	0.64	cps
Holmium	165-2	4277489	4384864	4335213	4332522	1.24	cps
Indium	115-1	9035323	9178143	9021985	9078483	0.95	cps
Indium	115-2	1291743	1304121	1290305	1295390	0.59	cps
Iron	54-2	900	861	800	854	5.91	cps
Iron	56-2	4996	5007	4028	4677	12.01	cps
Iron	57-2	156	222	144	174	24.17	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	PBW 200.8	Instrumnet Name :	P8
Client Sample ID :	PBW 200.8	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:22:55	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	529	520	599	549	7.86	cps
Lead	206-1	944	922	928	932	1.24	cps
Lead	207-1	750	711	783	748	4.83	cps
Lead	208-1	3428	3639	3417	3495	3.58	cps
Lithium	6-1	6546502	6453509	6742255	6580756	2.24	cps
Magnesium	24-2	433	375	117	308	54.66	cps
Manganese	55-2	97	103	53	84	32.15	cps
Molybdenum	94-1	267	233	242	247	7.02	cps
Molybdenum	95-1	133	100	125	119	14.53	cps
Molybdenum	96-1	292	417	408	372	18.78	cps
Molybdenum	97-1	50	92	108	83	36.06	cps
Molybdenum	98-1	242	133	250	208	31.24	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	80	97	50	76	31.30	cps
Phosphorus	31-2	1483	1809	1642	1645	9.88	cps
Potassium	39-2	18212	18838	17336	18128	4.16	cps
Rhodium	103-1	8884404	8879526	8827836	8863922	0.35	cps
Rhodium	103-2	3738214	3649457	3641389	3676353	1.46	cps
Scandium	45-1	6816392	6957203	7189238	6987611	2.69	cps
Scandium	45-2	207747	213469	214000	211738	1.64	cps
Selenium	82-1	44	1	-9	12	230.72	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	72	85	58	72	18.84	cps
Silicon	28-1	774545	757568	768827	766980	1.13	cps
Silver	107-1	133	158	158	150	9.62	cps
Silver	109-1	75	125	108	103	24.77	cps
Sodium	23-2	21408	21992	21667	21689	1.35	cps
Strontium	86-1	942	1142	1042	1042	9.60	cps
Strontium	88-1	1142	992	950	1028	9.81	cps
Sulfur	34-1	443664	442576	439220	441820	0.52	cps
Terbium	159-1	10540077	10355760	10382487	10426108	0.96	cps
Terbium	159-2	4440806	4297299	4360896	4366334	1.65	cps
Thallium	203-1	292	267	267	275	5.25	cps
Thallium	205-1	767	567	567	633	18.23	cps
Tin	118-1	2259	2242	2442	2314	4.80	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	PBW 200.8	Instrumnet Name :	P8
Client Sample ID :	PBW 200.8	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:22:55	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	242	283	283	269	8.93	cps
Uranium	238-1	50	33	25	36	35.25	cps
Vanadium	51-2	7	10	3	7	50.03	cps
Ytterbium	172-1	33	42	58	44	28.64	cps
Ytterbium	172-2	33	22	17	24	35.24	cps
Ytterbium	176-1	1700	2009	1950	1886	8.69	cps
Ytterbium	176-2	8803	8870	8497	8723	2.28	cps
Yttrium	89-1	15521131	15228144	15813132	15520803	1.88	cps
Yttrium	89-2	1645891	1638101	1622814	1635602	0.72	cps
Zinc	66-2	227	217	180	208	11.83	cps
Zirconium	90-1	600	642	742	661	11.01	cps
Zirconium	91-1	67	83	92	81	15.80	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	LCSW 6020	Instrumnet Name :	P8
Client Sample ID :	LCSW 6020	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:26:04	DataFile Name :	045LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	774590	764857	749357	762935	1.67	cps
Antimony	121-1	3500855	3493434	3455965	3483418	0.69	cps
Arsenic	75-2	97262	95856	94439	95852	1.47	cps
Barium	135-1	4711855	4722236	4674620	4702904	0.53	cps
Barium	137-1	8320886	8141752	8158179	8206939	1.21	cps
Beryllium	9-1	1896888	1820596	1831921	1849802	2.23	cps
Bismuth	209-1	6048432	6088771	6002892	6046698	0.71	cps
Bismuth	209-2	3121909	3223935	3077401	3141082	2.39	cps
Boron	10-1	301451	316684	318945	312360	3.05	cps
Boron	11-1	1266873	1324846	1412665	1334795	5.50	cps
Bromine	81-1	73699	73377	73500	73526	0.22	cps
Cadmium	111-1	1031952	1039535	1021295	1030927	0.89	cps
Cadmium	106-1	135353	130114	130744	132071	2.17	cps
Cadmium	108-1	87111	86931	85501	86514	1.02	cps
Calcium	43-1	2035198	1958284	1983690	1992391	1.97	cps
Calcium	44-1	28859892	28167780	29103904	28710525	1.69	cps
Carbon	12-1	6791195	6937157	6989493	6905948	1.49	cps
Carbon	12-2	73350	74029	75000	74126	1.12	cps
Chlorine	35-1	425333	425241	424356	424977	0.13	cps
Chlorine	35-2	2725	2767	3117	2870	7.50	cps
Chromium	52-2	1058471	1037623	1021395	1039163	1.79	cps
Cobalt	59-2	2015300	1956732	1960757	1977596	1.65	cps
Copper	63-2	15223781	14969768	14652941	14948830	1.91	cps
Dysprosium	156-1	242	225	225	231	4.17	cps
Dysprosium	156-2	77	97	110	94	17.76	cps
Erbium	164-1	58	42	108	69	49.96	cps
Erbium	164-2	27	30	27	28	6.92	cps
Gadolinium	160-1	142	108	125	125	13.33	cps
Gadolinium	160-2	153	153	210	172	18.99	cps
Holmium	165-1	10643701	10562016	10464034	10556584	0.85	cps
Holmium	165-2	4567604	4502621	4464200	4511475	1.16	cps
Indium	115-1	9002374	9228423	9031627	9087475	1.35	cps
Indium	115-2	1305225	1304017	1300600	1303281	0.18	cps
Iron	54-2	2661106	2668886	2631188	2653727	0.75	cps
Iron	56-2	48303505	46729818	46716462	47249928	1.93	cps
Iron	57-2	1128222	1113811	1104225	1115419	1.08	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	LCSW 6020	Instrumnet Name :	P8
Client Sample ID :	LCSW 6020	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:26:04	DataFile Name :	045LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	579	547	599	575	4.49	cps
Lead	206-1	14485423	14301831	14068023	14285092	1.46	cps
Lead	207-1	12558536	12428819	12500417	12495924	0.52	cps
Lead	208-1	57891807	57773126	56663198	57442710	1.18	cps
Lithium	6-1	7066861	7217123	6928367	7070784	2.04	cps
Magnesium	24-2	10723265	10597802	10473393	10598153	1.18	cps
Manganese	55-2	6063200	5923840	5868354	5951798	1.69	cps
Molybdenum	94-1	14887783	14946023	14563345	14799050	1.39	cps
Molybdenum	95-1	21705285	21860060	21051614	21538986	1.99	cps
Molybdenum	96-1	23773120	23617889	23089227	23493412	1.53	cps
Molybdenum	97-1	13478134	13192832	12991816	13220927	1.85	cps
Molybdenum	98-1	34088033	34599950	33196752	33961578	2.09	cps
Neodymium	150-1	460	527	467	484	7.58	cps
Neodymium	150-2	7	50	23	27	81.96	cps
Nickel	60-2	510450	509749	499697	506632	1.19	cps
Phosphorus	31-2	46458	46476	45631	46188	1.05	cps
Potassium	39-2	3753939	3589924	3543351	3629071	3.05	cps
Rhodium	103-1	8767024	8934381	8456271	8719225	2.78	cps
Rhodium	103-2	3614959	3653605	3620000	3629522	0.58	cps
Scandium	45-1	7519223	7158615	7452038	7376625	2.60	cps
Scandium	45-2	218640	214978	221197	218272	1.43	cps
Selenium	82-1	93630	92524	91842	92665	0.97	cps
Selenium	77-2	2790	2664	2677	2710	2.57	cps
Selenium	78-2	8717	8888	8743	8782	1.05	cps
Silicon	28-1	12758981	12457603	12428235	12548273	1.46	cps
Silver	107-1	5805744	5682401	5610811	5699652	1.73	cps
Silver	109-1	5463839	5486524	5345266	5431876	1.40	cps
Sodium	23-2	20394612	19679443	20034947	20036334	1.78	cps
Strontium	86-1	36407925	36290209	35541772	36079969	1.30	cps
Strontium	88-1	308501749	320701549	303879832	311027710	2.79	cps
Sulfur	34-1	1028294	1025940	1009109	1021114	1.02	cps
Terbium	159-1	11252809	11288331	11223399	11254846	0.29	cps
Terbium	159-2	4755758	4572104	4645190	4657684	1.99	cps
Thallium	203-1	3412235	3423939	3361416	3399197	0.98	cps
Thallium	205-1	8189875	8104828	7765673	8020125	2.80	cps
Tin	118-1	3485228	3501867	3460496	3482530	0.60	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	LCSW 6020	Instrumnet Name :	P8
Client Sample ID :	LCSW 6020	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:26:04	DataFile Name :	045LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7332920	7454896	7349418	7379078	0.90	cps
Uranium	238-1	10830484	10178299	10519741	10509508	3.10	cps
Vanadium	51-2	855581	840113	848860	848185	0.91	cps
Ytterbium	172-1	50	108	75	78	37.63	cps
Ytterbium	172-2	50	28	61	46	36.66	cps
Ytterbium	176-1	9879	9495	10313	9896	4.13	cps
Ytterbium	176-2	11555	12139	12234	11976	3.07	cps
Yttrium	89-1	16635318	16061498	16092221	16263012	1.98	cps
Yttrium	89-2	1667052	1661554	1689879	1672828	0.90	cps
Zinc	66-2	1793880	1781493	1765092	1780155	0.81	cps
Zirconium	90-1	7553089	7471843	7656714	7560549	1.23	cps
Zirconium	91-1	1712990	1715658	1729654	1719434	0.52	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	LCSS 6020	Instrumnet Name :	P8
Client Sample ID :	LCSS 6020	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:29:03	DataFile Name :	046LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	798028	779002	764043	780358	2.18	cps
Antimony	121-1	3535052	3499910	3468215	3501059	0.95	cps
Arsenic	75-2	99598	98855	97021	98492	1.35	cps
Barium	135-1	4925166	4798701	4881275	4868381	1.32	cps
Barium	137-1	8221085	8417013	8277432	8305177	1.21	cps
Beryllium	9-1	1905672	1911729	1838489	1885296	2.16	cps
Bismuth	209-1	6266276	6379810	6273331	6306472	1.01	cps
Bismuth	209-2	3132120	3061356	3174755	3122744	1.83	cps
Boron	10-1	326126	340445	355476	340682	4.31	cps
Boron	11-1	1361056	1393381	1526790	1427076	6.16	cps
Bromine	81-1	75491	75632	80676	77266	3.82	cps
Cadmium	111-1	1041643	1061099	1041728	1048157	1.07	cps
Cadmium	106-1	133806	129331	129290	130809	1.98	cps
Cadmium	108-1	86570	88075	87144	87263	0.87	cps
Calcium	43-1	2005450	2016316	2007754	2009840	0.28	cps
Calcium	44-1	28871032	28656269	29163754	28897018	0.88	cps
Carbon	12-1	6931227	6874141	6840326	6881898	0.67	cps
Carbon	12-2	69439	71466	70788	70564	1.46	cps
Chlorine	35-1	386942	388297	394811	390016	1.08	cps
Chlorine	35-2	2667	2717	2367	2584	7.33	cps
Chromium	52-2	1103703	1072021	1058098	1077940	2.17	cps
Cobalt	59-2	2101697	2043909	1970252	2038620	3.23	cps
Copper	63-2	15804646	15400213	15231513	15478791	1.90	cps
Dysprosium	156-1	192	250	133	192	30.43	cps
Dysprosium	156-2	70	43	67	60	24.22	cps
Erbium	164-1	17	58	58	44	54.12	cps
Erbium	164-2	23	47	17	29	54.53	cps
Gadolinium	160-1	175	183	117	158	22.94	cps
Gadolinium	160-2	123	183	170	159	19.83	cps
Holmium	165-1	11022441	10641873	11015496	10893270	2.00	cps
Holmium	165-2	4527114	4397554	4492111	4472260	1.50	cps
Indium	115-1	9248007	9162104	9323642	9244584	0.87	cps
Indium	115-2	1301340	1299840	1257185	1286122	1.95	cps
Iron	54-2	2726225	2740824	2643290	2703446	1.95	cps
Iron	56-2	49498873	49393625	47798341	48896946	1.95	cps
Iron	57-2	1177469	1152412	1128526	1152802	2.12	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	LCSS 6020	Instrumnet Name :	P8
Client Sample ID :	LCSS 6020	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:29:03	DataFile Name :	046LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	499	555	570	541	6.94	cps
Lead	206-1	15044586	15026046	15173611	15081415	0.53	cps
Lead	207-1	12884047	13074143	13326503	13094898	1.69	cps
Lead	208-1	59566221	61008436	60366489	60313716	1.20	cps
Lithium	6-1	6959584	6843668	6887061	6896771	0.85	cps
Magnesium	24-2	10825068	10643965	10385107	10618047	2.08	cps
Manganese	55-2	6233985	6136175	6074180	6148113	1.31	cps
Molybdenum	94-1	15200607	15025245	15602832	15276228	1.94	cps
Molybdenum	95-1	22629986	21430890	22212464	22091113	2.76	cps
Molybdenum	96-1	24584850	22923741	23600118	23702903	3.52	cps
Molybdenum	97-1	13744662	13292307	13662777	13566582	1.78	cps
Molybdenum	98-1	35603964	34874345	34397045	34958451	1.74	cps
Neodymium	150-1	507	520	420	482	11.26	cps
Neodymium	150-2	17	37	20	24	43.83	cps
Nickel	60-2	527005	531616	512535	523718	1.90	cps
Phosphorus	31-2	47963	45389	45380	46244	3.22	cps
Potassium	39-2	3786463	3724124	3557059	3689216	3.22	cps
Rhodium	103-1	8872662	8877797	8926680	8892380	0.34	cps
Rhodium	103-2	3740454	3667958	3655828	3688080	1.24	cps
Scandium	45-1	7229645	7419001	7483111	7377252	1.79	cps
Scandium	45-2	220172	219941	219283	219799	0.21	cps
Selenium	82-1	93906	94124	94868	94299	0.54	cps
Selenium	77-2	2747	2607	2560	2638	3.68	cps
Selenium	78-2	8878	8844	8817	8846	0.35	cps
Silicon	28-1	12660609	12890008	12590827	12713814	1.23	cps
Silver	107-1	5686199	5679737	5704758	5690231	0.23	cps
Silver	109-1	5539211	5612001	5559152	5570121	0.68	cps
Sodium	23-2	20751520	19795334	19413688	19986847	3.45	cps
Strontium	86-1	36928979	36898590	36835031	36887533	0.13	cps
Strontium	88-1	320666224	316181982	315865590	317571265	0.85	cps
Sulfur	34-1	1008827	1005382	979233	997814	1.62	cps
Terbium	159-1	11101639	11349202	11168729	11206523	1.14	cps
Terbium	159-2	4649588	4525479	4613638	4596235	1.39	cps
Thallium	203-1	3559804	3515799	3541247	3538950	0.62	cps
Thallium	205-1	8294350	8134601	8251184	8226712	1.00	cps
Tin	118-1	3538991	3550072	3529413	3539492	0.29	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	LCSS 6020	Instrumnet Name :	P8
Client Sample ID :	LCSS 6020	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:29:03	DataFile Name :	046LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7373107	7261882	7427221	7354070	1.15	cps
Uranium	238-1	10622779	11007547	10856767	10829031	1.79	cps
Vanadium	51-2	882249	850788	851983	861673	2.07	cps
Ytterbium	172-1	142	75	100	106	31.91	cps
Ytterbium	172-2	44	28	50	41	28.38	cps
Ytterbium	176-1	9604	9620	9921	9715	1.84	cps
Ytterbium	176-2	12478	12323	12167	12323	1.26	cps
Yttrium	89-1	15972701	16027288	16457542	16152510	1.64	cps
Yttrium	89-2	1687977	1599774	1647396	1645049	2.68	cps
Zinc	66-2	1895210	1792167	1755250	1814209	4.00	cps
Zirconium	90-1	7742030	7728141	7926347	7798839	1.42	cps
Zirconium	91-1	1815558	1747985	1751116	1771553	2.15	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:36:05	DataFile Name :	048CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3971957	3802972	3807275	3860735	2.50	cps
Antimony	121-1	3326650	3314066	3340598	3327105	0.40	cps
Arsenic	75-2	90577	88865	87407	88950	1.78	cps
Barium	135-1	4722025	4678734	4763444	4721401	0.90	cps
Barium	137-1	8131063	8012125	8040954	8061381	0.77	cps
Beryllium	9-1	1748969	1714159	1699005	1720711	1.49	cps
Bismuth	209-1	5494830	5413075	5714805	5540904	2.82	cps
Bismuth	209-2	2873605	2873881	2909263	2885583	0.71	cps
Boron	10-1	365589	384976	399524	383363	4.44	cps
Boron	11-1	1507263	1694911	1633551	1611908	5.94	cps
Bromine	81-1	72243	71959	74263	72822	1.72	cps
Cadmium	111-1	968393	970745	966877	968672	0.20	cps
Cadmium	106-1	123159	125554	126749	125154	1.46	cps
Cadmium	108-1	80484	80358	81225	80689	0.58	cps
Calcium	43-1	8178057	8078350	8102274	8119560	0.64	cps
Calcium	44-1	128791551	128172601	132485715	129816622	1.80	cps
Carbon	12-1	9002686	9049076	9254833	9102198	1.47	cps
Carbon	12-2	96903	95552	96433	96296	0.71	cps
Chlorine	35-1	267573	268454	269076	268368	0.28	cps
Chlorine	35-2	1775	1834	1783	1797	1.76	cps
Chromium	52-2	1047036	1000205	1011161	1019467	2.40	cps
Cobalt	59-2	1938245	1910253	1909365	1919288	0.86	cps
Copper	63-2	14258099	14231149	13684392	14057880	2.30	cps
Dysprosium	156-1	592	525	750	622	18.57	cps
Dysprosium	156-2	193	197	177	189	5.67	cps
Erbium	164-1	58	83	92	78	22.31	cps
Erbium	164-2	33	17	27	26	32.81	cps
Gadolinium	160-1	375	433	442	417	8.72	cps
Gadolinium	160-2	257	290	260	269	6.83	cps
Holmium	165-1	10356720	10426104	10502326	10428383	0.70	cps
Holmium	165-2	4410780	4518451	4425022	4451418	1.31	cps
Indium	115-1	8748298	8591026	8842789	8727371	1.46	cps
Indium	115-2	1226788	1243889	1236265	1235647	0.69	cps
Iron	54-2	12218838	11926972	11983895	12043235	1.28	cps
Iron	56-2	226688383	223116066	218092005	222632151	1.94	cps
Iron	57-2	5649636	5483038	5414750	5515808	2.19	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:36:05	DataFile Name :	048CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	627	562	595	595	5.46	cps
Lead	206-1	13980688	13573323	14037361	13863790	1.83	cps
Lead	207-1	12190940	12068650	12259256	12172949	0.79	cps
Lead	208-1	55676085	54365361	55878439	55306628	1.49	cps
Lithium	6-1	6674876	6345283	6730121	6583427	3.16	cps
Magnesium	24-2	46520228	46695307	46187405	46467647	0.56	cps
Manganese	55-2	5928990	5772108	5743860	5814986	1.72	cps
Molybdenum	94-1	14723796	14871199	14454732	14683242	1.44	cps
Molybdenum	95-1	21404130	20974058	21357555	21245247	1.11	cps
Molybdenum	96-1	22875415	23116589	23300915	23097640	0.92	cps
Molybdenum	97-1	13196657	13021970	12988071	13068899	0.86	cps
Molybdenum	98-1	32993993	34006731	33253037	33417921	1.57	cps
Neodymium	150-1	473	527	413	471	12.04	cps
Neodymium	150-2	33	43	17	31	43.29	cps
Nickel	60-2	520850	506163	499675	508896	2.13	cps
Phosphorus	31-2	46041	43767	44787	44865	2.54	cps
Potassium	39-2	17898862	17458515	17384327	17580568	1.58	cps
Rhodium	103-1	7884862	7801012	8209804	7965226	2.71	cps
Rhodium	103-2	3314576	3363777	3279431	3319261	1.28	cps
Scandium	45-1	6931716	6886215	7379535	7065822	3.86	cps
Scandium	45-2	214240	213348	219405	215664	1.52	cps
Selenium	82-1	88808	87948	87744	88167	0.64	cps
Selenium	77-2	2447	2524	2544	2505	2.04	cps
Selenium	78-2	8460	8513	8222	8399	1.85	cps
Silicon	28-1	18356487	18550805	18260582	18389291	0.80	cps
Silver	107-1	5193313	5307061	5260925	5253766	1.09	cps
Silver	109-1	5150531	4963921	5028444	5047632	1.88	cps
Sodium	23-2	97058992	95975817	95429015	96154608	0.86	cps
Strontium	86-1	35326624	35350880	35634347	35437283	0.48	cps
Strontium	88-1	312751690	301970357	305726882	306816310	1.78	cps
Sulfur	34-1	956636	959082	987796	967838	1.79	cps
Terbium	159-1	10676977	10922781	10898229	10832662	1.25	cps
Terbium	159-2	4419820	4486701	4514275	4473599	1.09	cps
Thallium	203-1	3262953	3259084	3307228	3276422	0.82	cps
Thallium	205-1	7618014	7608530	7780234	7668926	1.26	cps
Tin	118-1	3363457	3365118	3380603	3369726	0.28	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:36:05	DataFile Name :	048CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7208868	7164653	7202172	7191897	0.33	cps
Uranium	238-1	10011413	10343614	10740260	10365096	3.52	cps
Vanadium	51-2	853908	825166	833076	837383	1.77	cps
Ytterbium	172-1	158	100	133	131	22.42	cps
Ytterbium	172-2	61	44	50	52	16.36	cps
Ytterbium	176-1	10029	9429	10129	9862	3.84	cps
Ytterbium	176-2	11650	11861	12528	12013	3.82	cps
Yttrium	89-1	15741686	15322583	15486626	15516965	1.36	cps
Yttrium	89-2	1609457	1625494	1630572	1621841	0.68	cps
Zinc	66-2	1594734	1601813	1550937	1582495	1.74	cps
Zirconium	90-1	7509869	7507826	7489106	7502267	0.15	cps
Zirconium	91-1	1758156	1688157	1711069	1719127	2.08	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:39:01	DataFile Name :	049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	102	132	90	108	20.16	cps
Antimony	121-1	1567	2017	2909	2164	31.56	cps
Arsenic	75-2	22	18	10	17	36.66	cps
Barium	135-1	100	142	117	119	17.56	cps
Barium	137-1	133	100	258	164	50.93	cps
Beryllium	9-1	209	196	226	210	7.16	cps
Bismuth	209-1	6405179	6383797	6609831	6466269	1.93	cps
Bismuth	209-2	3195847	3242484	3199158	3212496	0.81	cps
Boron	10-1	42585	38487	37108	39393	7.23	cps
Boron	11-1	192158	174569	162787	176504	8.37	cps
Bromine	81-1	71516	72139	74917	72857	2.48	cps
Cadmium	111-1	1981	2166	2367	2171	8.89	cps
Cadmium	106-1	5668	5951	6568	6063	7.59	cps
Cadmium	108-1	117	67	75	86	31.11	cps
Calcium	43-1	365	330	422	372	12.54	cps
Calcium	44-1	11023	10774	12154	11317	6.50	cps
Carbon	12-1	7145785	6906653	6898909	6983782	2.01	cps
Carbon	12-2	70159	69783	69423	69788	0.53	cps
Chlorine	35-1	276820	279852	282266	279646	0.98	cps
Chlorine	35-2	1900	1758	1575	1745	9.34	cps
Chromium	52-2	583	743	740	689	13.27	cps
Cobalt	59-2	77	63	33	58	38.42	cps
Copper	63-2	1563	1700	1747	1670	5.71	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	50	42	33	42	20.00	cps
Erbium	164-2	7	23	17	16	53.90	cps
Gadolinium	160-1	42	67	67	58	24.74	cps
Gadolinium	160-2	77	113	123	104	23.52	cps
Holmium	165-1	10371153	10420099	10671827	10487693	1.54	cps
Holmium	165-2	4258870	4353813	4447908	4353530	2.17	cps
Indium	115-1	9157957	9318814	9561689	9346154	2.17	cps
Indium	115-2	1298490	1293157	1319140	1303595	1.05	cps
Iron	54-2	817	944	1072	944	13.53	cps
Iron	56-2	5296	6146	5868	5770	7.52	cps
Iron	57-2	94	233	133	154	46.61	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:39:01	DataFile Name :	049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	562	579	570	570	1.43	cps
Lead	206-1	1445	1395	1489	1443	3.28	cps
Lead	207-1	1028	928	1267	1074	16.21	cps
Lead	208-1	5128	4900	5751	5260	8.37	cps
Lithium	6-1	6981379	7070262	7272817	7108153	2.10	cps
Magnesium	24-2	467	592	450	503	15.40	cps
Manganese	55-2	127	130	110	122	8.77	cps
Molybdenum	94-1	3259	3159	3117	3178	2.29	cps
Molybdenum	95-1	5485	5535	4743	5254	8.44	cps
Molybdenum	96-1	5926	5376	5251	5518	6.51	cps
Molybdenum	97-1	3359	2817	3150	3109	8.79	cps
Molybdenum	98-1	8486	7861	7686	8011	5.25	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	73	63	67	68	7.51	cps
Phosphorus	31-2	1433	1550	1725	1570	9.35	cps
Potassium	39-2	19806	20290	20682	20259	2.17	cps
Rhodium	103-1	8851696	8882281	9034782	8922920	1.10	cps
Rhodium	103-2	3674539	3715741	3723127	3704469	0.71	cps
Scandium	45-1	7077340	7199652	7398328	7225106	2.24	cps
Scandium	45-2	211552	212319	215112	212994	0.88	cps
Selenium	82-1	48	68	40	52	27.51	cps
Selenium	77-2	10	7	0	6	91.64	cps
Selenium	78-2	76	66	58	67	13.53	cps
Silicon	28-1	817091	801333	782166	800197	2.19	cps
Silver	107-1	500	358	375	411	18.83	cps
Silver	109-1	433	383	358	392	9.75	cps
Sodium	23-2	34550	34800	33330	34227	2.30	cps
Strontium	86-1	1417	1400	1658	1492	9.69	cps
Strontium	88-1	3834	3676	6937	4816	38.18	cps
Sulfur	34-1	384115	379350	381771	381745	0.62	cps
Terbium	159-1	10584646	11012083	11055456	10884062	2.39	cps
Terbium	159-2	4597452	4401845	4464274	4487857	2.23	cps
Thallium	203-1	658	767	725	717	7.62	cps
Thallium	205-1	1675	1442	1525	1547	7.64	cps
Tin	118-1	2434	2350	2084	2289	7.99	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:39:01	DataFile Name :	049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	350	308	333	331	6.34	cps
Uranium	238-1	142	158	225	175	25.20	cps
Vanadium	51-2	7	40	13	20	88.19	cps
Ytterbium	172-1	50	50	142	81	65.70	cps
Ytterbium	172-2	11	44	17	24	74.19	cps
Ytterbium	176-1	1642	1917	1909	1822	8.58	cps
Ytterbium	176-2	8703	9098	9220	9007	3.00	cps
Yttrium	89-1	15305314	16167318	16425734	15966122	3.67	cps
Yttrium	89-2	1591941	1608269	1586181	1595464	0.72	cps
Zinc	66-2	237	170	257	221	20.52	cps
Zirconium	90-1	825	783	933	847	9.14	cps
Zirconium	91-1	167	125	167	153	15.75	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	LCSW 200.8	Instrumnet Name :	P8
Client Sample ID :	LCSW 200.8	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:55:54	DataFile Name :	053LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	783177	776749	753945	771290	1.99	cps
Antimony	121-1	3395429	3523064	3431288	3449927	1.91	cps
Arsenic	75-2	98901	98236	97895	98344	0.52	cps
Barium	135-1	4758942	4903397	4622714	4761684	2.95	cps
Barium	137-1	8161520	8017111	8077428	8085353	0.90	cps
Beryllium	9-1	1787005	1811221	1857866	1818697	1.98	cps
Bismuth	209-1	6367048	6531535	6477084	6458556	1.30	cps
Bismuth	209-2	3285829	3175958	3318688	3260158	2.29	cps
Boron	10-1	328054	344501	351472	341342	3.52	cps
Boron	11-1	1419385	1460824	1469899	1450036	1.86	cps
Bromine	81-1	76177	74233	81592	77334	4.93	cps
Cadmium	111-1	1019605	1013960	1009068	1014211	0.52	cps
Cadmium	106-1	129313	128775	127540	128543	0.71	cps
Cadmium	108-1	84968	84264	85912	85048	0.97	cps
Calcium	43-1	1896943	1956287	1955966	1936399	1.76	cps
Calcium	44-1	28320239	29560734	28291429	28724134	2.52	cps
Carbon	12-1	6867975	7015905	6975982	6953287	1.10	cps
Carbon	12-2	73275	72839	73962	73359	0.77	cps
Chlorine	35-1	378776	382649	387138	382854	1.09	cps
Chlorine	35-2	2659	2234	2400	2431	8.81	cps
Chromium	52-2	1086619	1059572	1058219	1068137	1.50	cps
Cobalt	59-2	2113624	1919776	2020083	2017827	4.80	cps
Copper	63-2	15562205	15680845	15373020	15538690	1.00	cps
Dysprosium	156-1	158	150	183	164	10.58	cps
Dysprosium	156-2	73	73	60	69	11.17	cps
Erbium	164-1	42	92	50	61	43.83	cps
Erbium	164-2	23	30	13	22	37.76	cps
Gadolinium	160-1	208	175	108	164	31.07	cps
Gadolinium	160-2	177	163	177	172	4.47	cps
Holmium	165-1	11059883	11493846	11339828	11297852	1.95	cps
Holmium	165-2	4749383	4841593	4870631	4820536	1.31	cps
Indium	115-1	9673226	9850081	9694056	9739121	0.99	cps
Indium	115-2	1353837	1419148	1378739	1383908	2.38	cps
Iron	54-2	2733109	2714332	2675305	2707582	1.09	cps
Iron	56-2	48501065	47813950	45805137	47373384	2.96	cps
Iron	57-2	1162792	1168413	1125884	1152363	2.00	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	LCSW 200.8	Instrumnet Name :	P8
Client Sample ID :	LCSW 200.8	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:55:54	DataFile Name :	053LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	554	569	509	544	5.74	cps
Lead	206-1	13975402	14432784	14085272	14164486	1.69	cps
Lead	207-1	12256918	12424084	12594139	12425047	1.36	cps
Lead	208-1	56893914	58487051	57568939	57649968	1.39	cps
Lithium	6-1	7442684	7199804	7369817	7337435	1.70	cps
Magnesium	24-2	10710927	10430304	10325614	10488948	1.90	cps
Manganese	55-2	6142810	6265077	5958075	6121988	2.52	cps
Molybdenum	94-1	14566308	14881091	14661412	14702937	1.10	cps
Molybdenum	95-1	21029864	21795408	21526748	21450673	1.81	cps
Molybdenum	96-1	22639961	23141894	22904446	22895434	1.10	cps
Molybdenum	97-1	12734411	13463009	13037352	13078258	2.80	cps
Molybdenum	98-1	34253690	34584662	34634582	34490978	0.60	cps
Neodymium	150-1	480	513	500	498	3.37	cps
Neodymium	150-2	37	30	20	29	29.04	cps
Nickel	60-2	524828	522523	512543	519965	1.26	cps
Phosphorus	31-2	47981	46559	45665	46735	2.50	cps
Potassium	39-2	3781156	3728240	3655016	3721471	1.70	cps
Rhodium	103-1	9197245	9387162	9339289	9307899	1.06	cps
Rhodium	103-2	3927384	3881212	3880844	3896480	0.69	cps
Scandium	45-1	7588273	7926538	7968656	7827823	2.66	cps
Scandium	45-2	238150	235946	236289	236795	0.50	cps
Selenium	82-1	89934	91352	91350	90878	0.90	cps
Selenium	77-2	2677	2587	2520	2595	3.03	cps
Selenium	78-2	8732	8747	8725	8734	0.13	cps
Silicon	28-1	12245401	12245501	12201782	12230894	0.21	cps
Silver	107-1	5763405	5560444	5695415	5673088	1.82	cps
Silver	109-1	5404911	5344423	5290319	5346551	1.07	cps
Sodium	23-2	19767220	20117078	19452501	19778933	1.68	cps
Strontium	86-1	35963923	35543375	35602699	35703332	0.64	cps
Strontium	88-1	304958565	319010607	305000573	309656582	2.62	cps
Sulfur	34-1	974417	968233	969696	970782	0.33	cps
Terbium	159-1	11621243	11731307	11475948	11609499	1.10	cps
Terbium	159-2	4786434	4940233	4818971	4848546	1.67	cps
Thallium	203-1	3314716	3431293	3422592	3389533	1.92	cps
Thallium	205-1	7970695	8122607	8050033	8047778	0.94	cps
Tin	118-1	3505433	3548849	3374503	3476262	2.61	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	LCSW 200.8	Instrumnet Name :	P8
Client Sample ID :	LCSW 200.8	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:55:54	DataFile Name :	053LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7161807	7487109	7325276	7324730	2.22	cps
Uranium	238-1	10485039	10591987	10341312	10472780	1.20	cps
Vanadium	51-2	866387	856849	838937	854058	1.63	cps
Ytterbium	172-1	100	108	75	94	18.37	cps
Ytterbium	172-2	17	28	11	19	45.83	cps
Ytterbium	176-1	9829	9404	9595	9609	2.22	cps
Ytterbium	176-2	12684	12517	13218	12806	2.86	cps
Yttrium	89-1	17422275	17390911	16731977	17181721	2.27	cps
Yttrium	89-2	1797609	1736786	1831136	1788510	2.67	cps
Zinc	66-2	1754833	1817609	1840924	1804455	2.47	cps
Zirconium	90-1	7391024	7718749	7430269	7513348	2.38	cps
Zirconium	91-1	1719310	1765637	1717576	1734174	1.57	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:58:51	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4095176	4243141	4128005	4155440	1.87	cps
Antimony	121-1	3501800	3545570	3464960	3504110	1.15	cps
Arsenic	75-2	97198	96101	94181	95827	1.59	cps
Barium	135-1	5100995	5005303	5046687	5050995	0.95	cps
Barium	137-1	8558763	8642067	8531543	8577458	0.67	cps
Beryllium	9-1	1808680	1829090	1774519	1804096	1.53	cps
Bismuth	209-1	5811180	5853943	5936773	5867299	1.09	cps
Bismuth	209-2	2983218	2967116	3007938	2986091	0.69	cps
Boron	10-1	401376	410282	415258	408972	1.72	cps
Boron	11-1	1757649	1760533	1856172	1791451	3.13	cps
Bromine	81-1	79076	75443	75853	76791	2.59	cps
Cadmium	111-1	1022544	1032120	1017895	1024186	0.71	cps
Cadmium	106-1	129515	135344	129700	131520	2.52	cps
Cadmium	108-1	84432	86738	85019	85396	1.40	cps
Calcium	43-1	8743579	8853900	8878510	8825330	0.81	cps
Calcium	44-1	137232901	141117895	136331979	138227592	1.84	cps
Carbon	12-1	9066117	9053070	9151714	9090300	0.59	cps
Carbon	12-2	96558	96097	95401	96019	0.61	cps
Chlorine	35-1	268105	267762	267091	267653	0.19	cps
Chlorine	35-2	1833	1775	1784	1797	1.76	cps
Chromium	52-2	1106993	1087637	1071916	1088849	1.61	cps
Cobalt	59-2	2067794	2063606	2064680	2065360	0.11	cps
Copper	63-2	15291511	15581544	15056802	15309952	1.72	cps
Dysprosium	156-1	600	650	767	672	12.72	cps
Dysprosium	156-2	180	233	167	193	18.25	cps
Erbium	164-1	108	67	92	89	23.59	cps
Erbium	164-2	17	33	23	24	34.31	cps
Gadolinium	160-1	400	333	433	389	13.09	cps
Gadolinium	160-2	260	280	257	266	4.75	cps
Holmium	165-1	11020108	11175247	11009798	11068384	0.84	cps
Holmium	165-2	4605286	4681131	4608334	4631584	0.93	cps
Indium	115-1	9454230	9492189	9454520	9466979	0.23	cps
Indium	115-2	1293373	1335517	1327738	1318876	1.70	cps
Iron	54-2	13402250	12819125	12775471	12998949	2.69	cps
Iron	56-2	240121139	236739989	229364827	235408652	2.34	cps
Iron	57-2	6176916	6023599	5851279	6017265	2.71	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:58:51	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	601	605	619	608	1.51	cps
Lead	206-1	14599048	14391034	14643778	14544620	0.93	cps
Lead	207-1	12620762	12648269	13046125	12771719	1.86	cps
Lead	208-1	57808060	57298790	58478861	57861904	1.02	cps
Lithium	6-1	6839057	6921950	6913614	6891540	0.66	cps
Magnesium	24-2	50618449	50939138	49385696	50314428	1.63	cps
Manganese	55-2	6331969	6149398	6029517	6170295	2.47	cps
Molybdenum	94-1	15673834	15874269	15639440	15729181	0.81	cps
Molybdenum	95-1	22762608	23003768	22472456	22746277	1.17	cps
Molybdenum	96-1	24034268	25165710	24486579	24562186	2.32	cps
Molybdenum	97-1	13718541	14391631	13818273	13976148	2.60	cps
Molybdenum	98-1	36043886	36515730	35967215	36175611	0.82	cps
Neodymium	150-1	540	607	527	558	7.68	cps
Neodymium	150-2	33	50	43	42	19.87	cps
Nickel	60-2	562004	551646	538899	550849	2.10	cps
Phosphorus	31-2	49033	48691	47671	48465	1.46	cps
Potassium	39-2	19286726	19758022	18797720	19280823	2.49	cps
Rhodium	103-1	8739143	8816985	8578289	8711472	1.40	cps
Rhodium	103-2	3684200	3602077	3618932	3635070	1.19	cps
Scandium	45-1	7425822	7570730	7596807	7531119	1.22	cps
Scandium	45-2	225669	231139	233536	230115	1.75	cps
Selenium	82-1	93667	92575	93511	93251	0.63	cps
Selenium	77-2	2664	2537	2647	2616	2.63	cps
Selenium	78-2	8779	9113	8806	8899	2.09	cps
Silicon	28-1	19414525	19687872	19610740	19571046	0.72	cps
Silver	107-1	5436237	5724145	5462806	5541063	2.87	cps
Silver	109-1	5272780	5222263	5304432	5266492	0.79	cps
Sodium	23-2	102084661	105225161	100089673	102466498	2.53	cps
Strontium	86-1	37787674	37841288	38651013	38093325	1.27	cps
Strontium	88-1	329169891	326367474	324401566	326646310	0.73	cps
Sulfur	34-1	989770	1005063	987133	993989	0.97	cps
Terbium	159-1	11870583	11627190	11594552	11697442	1.29	cps
Terbium	159-2	4569002	4679880	4857384	4702089	3.09	cps
Thallium	203-1	3466000	3442361	3409040	3439134	0.83	cps
Thallium	205-1	8177977	8093792	8202213	8157994	0.70	cps
Tin	118-1	3650187	3483323	3472084	3535198	2.82	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 14:58:51	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7576488	7521247	7652503	7583412	0.87	cps
Uranium	238-1	11024177	10878898	11103121	11002066	1.03	cps
Vanadium	51-2	906362	890476	882219	893019	1.37	cps
Ytterbium	172-1	192	133	133	153	22.04	cps
Ytterbium	172-2	106	72	61	80	29.05	cps
Ytterbium	176-1	10763	10104	10379	10416	3.18	cps
Ytterbium	176-2	12951	12851	13368	13057	2.10	cps
Yttrium	89-1	16824081	17069864	17017366	16970437	0.76	cps
Yttrium	89-2	1754031	1826668	1732454	1771051	2.79	cps
Zinc	66-2	1751482	1725159	1713028	1729890	1.14	cps
Zirconium	90-1	8104598	8273711	8194444	8190918	1.03	cps
Zirconium	91-1	1820023	1902963	1858442	1860476	2.23	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 15:07:18	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	106	111	369	195	76.83	cps
Antimony	121-1	433	617	1067	706	46.19	cps
Arsenic	75-2	15	8	21	15	44.36	cps
Barium	135-1	25	67	25	39	61.86	cps
Barium	137-1	92	33	75	67	45.07	cps
Beryllium	9-1	149	170	146	155	8.42	cps
Bismuth	209-1	6533548	6178736	6421519	6377934	2.84	cps
Bismuth	209-2	3378414	3570008	3587906	3512109	3.31	cps
Boron	10-1	18560	18612	17739	18304	2.67	cps
Boron	11-1	84314	79227	78674	80739	3.85	cps
Bromine	81-1	79790	80202	78470	79487	1.14	cps
Cadmium	111-1	2100	2083	2058	2080	1.02	cps
Cadmium	106-1	5951	5960	5993	5968	0.37	cps
Cadmium	108-1	83	88	117	96	18.95	cps
Calcium	43-1	326	279	279	295	9.31	cps
Calcium	44-1	9953	9717	9761	9810	1.28	cps
Carbon	12-1	7118144	6936254	6789593	6947997	2.37	cps
Carbon	12-2	71047	68770	68435	69417	2.05	cps
Chlorine	35-1	281494	284332	278996	281607	0.95	cps
Chlorine	35-2	1909	1783	1892	1861	3.65	cps
Chromium	52-2	623	670	847	713	16.52	cps
Cobalt	59-2	37	77	203	106	82.43	cps
Copper	63-2	1737	1603	3077	2139	38.11	cps
Dysprosium	156-1	0	0	25	8	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	33	67	44	43.31	cps
Erbium	164-2	7	23	37	22	67.63	cps
Gadolinium	160-1	75	58	75	69	13.86	cps
Gadolinium	160-2	93	110	127	110	15.15	cps
Holmium	165-1	10497135	10548396	10614760	10553430	0.56	cps
Holmium	165-2	4699288	4739482	5027565	4822112	3.71	cps
Indium	115-1	9364126	9508034	9669990	9514050	1.61	cps
Indium	115-2	1380959	1432126	1518657	1443914	4.82	cps
Iron	54-2	811	933	1672	1139	40.91	cps
Iron	56-2	4567	5501	17605	9225	78.84	cps
Iron	57-2	178	128	339	215	51.36	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 15:07:18	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	541	546	530	539	1.54	cps
Lead	206-1	1111	1167	1050	1109	5.26	cps
Lead	207-1	1189	1100	956	1082	10.89	cps
Lead	208-1	4745	4817	4389	4650	4.92	cps
Lithium	6-1	7060913	7123650	7163057	7115874	0.72	cps
Magnesium	24-2	208	442	3678	1443	134.42	cps
Manganese	55-2	57	167	753	326	115.05	cps
Molybdenum	94-1	1100	992	1067	1053	5.27	cps
Molybdenum	95-1	1675	1433	1475	1528	8.46	cps
Molybdenum	96-1	1925	1533	1583	1681	12.69	cps
Molybdenum	97-1	908	917	717	847	13.35	cps
Molybdenum	98-1	2392	2150	2184	2242	5.84	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	57	90	143	97	45.22	cps
Phosphorus	31-2	1508	1508	1550	1522	1.58	cps
Potassium	39-2	18729	19430	20290	19483	4.01	cps
Rhodium	103-1	9033944	9203818	9038942	9092234	1.06	cps
Rhodium	103-2	3987279	4033119	4310346	4110248	4.25	cps
Scandium	45-1	7451519	7445189	7461007	7452572	0.11	cps
Scandium	45-2	228191	239269	250647	239369	4.69	cps
Selenium	82-1	93	20	17	43	98.32	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	81	68	62	70	13.81	cps
Silicon	28-1	789313	785406	783967	786229	0.35	cps
Silver	107-1	283	283	275	281	1.72	cps
Silver	109-1	117	208	108	144	38.41	cps
Sodium	23-2	29130	29881	35280	31430	10.68	cps
Strontium	86-1	1133	958	883	992	12.94	cps
Strontium	88-1	1200	808	917	975	20.74	cps
Sulfur	34-1	403936	405521	403284	404247	0.28	cps
Terbium	159-1	11123126	10950033	10963887	11012349	0.87	cps
Terbium	159-2	4738787	4756670	5081623	4859027	3.97	cps
Thallium	203-1	517	542	542	533	2.71	cps
Thallium	205-1	1375	1367	1358	1367	0.61	cps
Tin	118-1	2359	2676	2567	2534	6.36	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 15:07:18	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	283	242	292	272	9.84	cps
Uranium	238-1	58	17	8	28	96.44	cps
Vanadium	51-2	7	3	83	31	145.47	cps
Ytterbium	172-1	50	58	75	61	20.83	cps
Ytterbium	172-2	28	33	11	24	48.04	cps
Ytterbium	176-1	2000	1725	1767	1831	8.10	cps
Ytterbium	176-2	9303	9943	10610	9952	6.56	cps
Yttrium	89-1	16106744	15887176	16995903	16329941	3.60	cps
Yttrium	89-2	1747130	1735743	1847089	1776654	3.45	cps
Zinc	66-2	193	263	357	271	30.23	cps
Zirconium	90-1	675	633	658	656	3.20	cps
Zirconium	91-1	92	133	108	111	18.88	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4207-01	Instrumnet Name :	P8
Client Sample ID :	MW-101	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 15:10:27	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	582	550	579	570	3.12	cps
Antimony	121-1	1058	967	1067	1031	5.38	cps
Arsenic	75-2	38	26	39	34	21.07	cps
Barium	135-1	42484	42593	42702	42593	0.26	cps
Barium	137-1	72428	72772	73183	72794	0.52	cps
Beryllium	9-1	157	139	150	149	6.35	cps
Bismuth	209-1	6020463	5034438	6016965	5690622	9.99	cps
Bismuth	209-2	3190288	3391443	3292708	3291480	3.06	cps
Boron	10-1	21952	21648	21674	21758	0.78	cps
Boron	11-1	98365	99028	99159	98851	0.43	cps
Bromine	81-1	102357	104848	113622	106942	5.53	cps
Cadmium	111-1	2028	1665	1881	1858	9.84	cps
Cadmium	106-1	5776	4743	5326	5282	9.81	cps
Cadmium	108-1	63	29	42	44	37.88	cps
Calcium	43-1	2283664	2305047	2252295	2280336	1.16	cps
Calcium	44-1	35510675	36036224	35784315	35777071	0.73	cps
Carbon	12-1	8119979	8381561	8614022	8371854	2.95	cps
Carbon	12-2	92776	93858	93959	93531	0.70	cps
Chlorine	35-1	1474126	1625867	1714235	1604743	7.57	cps
Chlorine	35-2	12431	13190	13031	12884	3.11	cps
Chromium	52-2	2810	2914	2784	2836	2.42	cps
Cobalt	59-2	347	320	340	336	4.14	cps
Copper	63-2	49526	49486	49252	49421	0.30	cps
Dysprosium	156-1	33	42	8	28	62.46	cps
Dysprosium	156-2	20	3	10	11	75.52	cps
Erbium	164-1	67	58	58	61	7.87	cps
Erbium	164-2	27	43	40	37	24.04	cps
Gadolinium	160-1	108	117	167	131	24.16	cps
Gadolinium	160-2	157	193	123	158	22.19	cps
Holmium	165-1	10507771	8616129	10794914	9972938	11.87	cps
Holmium	165-2	4484870	4831305	4641546	4652573	3.73	cps
Indium	115-1	9655660	7602513	9232220	8830131	12.28	cps
Indium	115-2	1354451	1373808	1402290	1376849	1.75	cps
Iron	54-2	9537	9965	9665	9722	2.26	cps
Iron	56-2	165529	162636	164613	164259	0.90	cps
Iron	57-2	7936	8058	8214	8069	1.73	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4207-01	Instrumnet Name :	P8
Client Sample ID :	MW-101	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 15:10:27	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	500	565	561	542	6.73	cps
Lead	206-1	30849	30709	30236	30598	1.05	cps
Lead	207-1	24501	25609	23933	24681	3.45	cps
Lead	208-1	116813	117658	115436	116636	0.96	cps
Lithium	6-1	7099329	5624968	6903911	6542736	12.24	cps
Magnesium	24-2	4637402	4719337	4326719	4561153	4.54	cps
Manganese	55-2	6271	6188	5928	6129	2.92	cps
Molybdenum	94-1	2584	2775	2400	2586	7.25	cps
Molybdenum	95-1	3884	3684	3917	3828	3.30	cps
Molybdenum	96-1	4434	4201	4359	4331	2.75	cps
Molybdenum	97-1	2334	2409	2542	2428	4.35	cps
Molybdenum	98-1	6427	6452	6277	6385	1.48	cps
Neodymium	150-1	13	20	40	24	56.78	cps
Neodymium	150-2	7	10	3	7	50.03	cps
Nickel	60-2	12295	11988	11725	12003	2.38	cps
Phosphorus	31-2	1617	1850	1600	1689	8.28	cps
Potassium	39-2	170124	168818	164324	167755	1.81	cps
Rhodium	103-1	8827391	7181987	8693854	8234411	11.10	cps
Rhodium	103-2	3819795	3877502	3886428	3861241	0.94	cps
Scandium	45-1	7500262	6080595	7129114	6903323	10.67	cps
Scandium	45-2	227165	234439	233031	231545	1.67	cps
Selenium	82-1	171	112	139	141	20.90	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	78	92	83	84	8.41	cps
Silicon	28-1	24592919	25034559	24846333	24824604	0.89	cps
Silver	107-1	4334	4734	4859	4643	5.91	cps
Silver	109-1	4451	4651	3901	4334	8.96	cps
Sodium	23-2	22812317	23074209	22723388	22869971	0.80	cps
Strontium	86-1	452975	464024	452535	456511	1.43	cps
Strontium	88-1	3964944	4100909	3991584	4019146	1.79	cps
Sulfur	34-1	1057426	1055593	1053987	1055669	0.16	cps
Terbium	159-1	11403399	8865870	10741365	10336878	12.73	cps
Terbium	159-2	4733878	4712034	4844775	4763562	1.49	cps
Thallium	203-1	850	800	750	800	6.25	cps
Thallium	205-1	1708	1633	1709	1683	2.57	cps
Tin	118-1	6468	6727	6744	6646	2.32	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4207-01	Instrumnet Name :	P8
Client Sample ID :	MW-101	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 15:10:27	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	983	1217	1283	1161	13.57	cps
Uranium	238-1	5476	5501	5585	5521	1.03	cps
Vanadium	51-2	157	183	137	159	14.74	cps
Ytterbium	172-1	58	67	33	53	32.88	cps
Ytterbium	172-2	39	44	56	46	18.33	cps
Ytterbium	176-1	2000	1467	2050	1839	17.58	cps
Ytterbium	176-2	9415	9976	9754	9715	2.91	cps
Yttrium	89-1	16322216	13197875	15834447	15118179	11.12	cps
Yttrium	89-2	1691895	1746242	1755300	1731145	1.98	cps
Zinc	66-2	1123	1227	1170	1173	4.41	cps
Zirconium	90-1	967	850	1050	956	10.51	cps
Zirconium	91-1	108	175	217	167	32.79	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4207-01DUP	Instrumnet Name :	P8
Client Sample ID :	MW-101DUP	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 15:13:31	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	610	635	622	622	2.01	cps
Antimony	121-1	950	858	1033	947	9.24	cps
Arsenic	75-2	39	34	39	37	7.73	cps
Barium	135-1	42886	43195	44959	43680	2.56	cps
Barium	137-1	76493	72940	73803	74412	2.49	cps
Beryllium	9-1	164	139	134	145	11.05	cps
Bismuth	209-1	5972442	6387394	6502511	6287449	4.43	cps
Bismuth	209-2	3433763	3404866	3340233	3392954	1.41	cps
Boron	10-1	20004	20162	19727	19964	1.10	cps
Boron	11-1	88828	88753	89437	89006	0.42	cps
Bromine	81-1	111054	111268	116138	112820	2.55	cps
Cadmium	111-1	2041	2245	2306	2197	6.31	cps
Cadmium	106-1	5776	6385	6535	6232	6.45	cps
Cadmium	108-1	38	33	63	44	35.50	cps
Calcium	43-1	2343749	2337911	2343288	2341649	0.14	cps
Calcium	44-1	35872201	36812852	36671660	36452238	1.39	cps
Carbon	12-1	8473576	8833843	9005598	8771005	3.10	cps
Carbon	12-2	96375	95678	94638	95564	0.91	cps
Chlorine	35-1	1950405	2096145	2191001	2079184	5.83	cps
Chlorine	35-2	16543	16193	16034	16257	1.60	cps
Chromium	52-2	2310	2170	2310	2264	3.57	cps
Cobalt	59-2	330	407	290	342	17.32	cps
Copper	63-2	51560	50560	50446	50855	1.21	cps
Dysprosium	156-1	58	33	25	39	44.62	cps
Dysprosium	156-2	10	3	17	10	66.70	cps
Erbium	164-1	50	83	125	86	43.64	cps
Erbium	164-2	23	17	20	20	16.65	cps
Gadolinium	160-1	125	125	133	128	3.77	cps
Gadolinium	160-2	150	177	190	172	11.83	cps
Holmium	165-1	10720049	10879222	11854227	11151166	5.51	cps
Holmium	165-2	4902660	4848225	4817599	4856161	0.89	cps
Indium	115-1	9572361	9619493	10176413	9789422	3.43	cps
Indium	115-2	1445097	1437560	1440462	1441040	0.26	cps
Iron	54-2	10031	9692	9781	9835	1.79	cps
Iron	56-2	166953	163648	160028	163543	2.12	cps
Iron	57-2	8269	8253	8580	8367	2.21	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4207-01DUP	Instrumnet Name :	P8
Client Sample ID :	MW-101DUP	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 15:13:31	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	615	589	599	601	2.21	cps
Lead	206-1	32135	31177	30982	31431	1.96	cps
Lead	207-1	25342	24646	25314	25101	1.57	cps
Lead	208-1	118477	118258	116604	117779	0.87	cps
Lithium	6-1	7370756	7590036	7289698	7416830	2.09	cps
Magnesium	24-2	4455696	4638419	4529900	4541338	2.02	cps
Manganese	55-2	6285	6115	6228	6209	1.39	cps
Molybdenum	94-1	2292	2184	2450	2309	5.81	cps
Molybdenum	95-1	3584	3692	3676	3651	1.60	cps
Molybdenum	96-1	3842	3917	4151	3970	4.05	cps
Molybdenum	97-1	2325	2317	2150	2264	4.36	cps
Molybdenum	98-1	6093	5468	5543	5701	5.99	cps
Neodymium	150-1	33	33	33	33	0.00	cps
Neodymium	150-2	10	10	7	9	21.63	cps
Nickel	60-2	11965	12185	11575	11908	2.60	cps
Phosphorus	31-2	1642	1800	1650	1697	5.25	cps
Potassium	39-2	172187	165064	170191	169148	2.17	cps
Rhodium	103-1	9188448	9144272	9736237	9356319	3.52	cps
Rhodium	103-2	3968113	4116345	4038597	4041018	1.83	cps
Scandium	45-1	7502928	7734670	8323018	7853539	5.38	cps
Scandium	45-2	241972	236222	240767	239654	1.27	cps
Selenium	82-1	25	130	40	65	87.36	cps
Selenium	77-2	3	10	0	4	114.60	cps
Selenium	78-2	80	77	64	74	11.54	cps
Silicon	28-1	25699987	25412900	25570329	25561072	0.56	cps
Silver	107-1	4317	5460	4726	4834	11.97	cps
Silver	109-1	4751	4818	4167	4579	7.81	cps
Sodium	23-2	23253804	23220174	23013179	23162385	0.56	cps
Strontium	86-1	464966	469467	464074	466169	0.62	cps
Strontium	88-1	4084310	4128766	4083373	4098816	0.63	cps
Sulfur	34-1	1106579	1088972	1112809	1102787	1.12	cps
Terbium	159-1	11452811	11762513	12041517	11752280	2.51	cps
Terbium	159-2	5047735	4787584	4810777	4882032	2.95	cps
Thallium	203-1	883	833	742	819	8.77	cps
Thallium	205-1	1767	1667	1775	1736	3.47	cps
Tin	118-1	6685	6152	6593	6477	4.40	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4207-01DUP	Instrumnet Name :	P8
Client Sample ID :	MW-101DUP	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 15:13:31	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1217	1150	1317	1228	6.83	cps
Uranium	238-1	5726	5810	5468	5668	3.14	cps
Vanadium	51-2	163	197	203	188	11.41	cps
Ytterbium	172-1	100	92	100	97	4.95	cps
Ytterbium	172-2	17	39	50	35	48.23	cps
Ytterbium	176-1	2059	2025	1959	2014	2.53	cps
Ytterbium	176-2	9231	10210	9381	9607	5.48	cps
Yttrium	89-1	16388958	16999504	17687384	17025282	3.82	cps
Yttrium	89-2	1844080	1837389	1775682	1819050	2.07	cps
Zinc	66-2	1740	1710	1610	1687	4.04	cps
Zirconium	90-1	792	975	1067	945	14.83	cps
Zirconium	91-1	242	250	92	194	45.83	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4207-01LX5	Instrumnet Name :	P8
Client Sample ID :	MW-101L	Dilution Factor :	5
Date & Time Acquired :	2022-08-30 15:16:33	DataFile Name :	058AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	674	609	679	654	5.97	cps
Antimony	121-1	258	358	433	350	25.09	cps
Arsenic	75-2	11	12	12	12	4.95	cps
Barium	135-1	9112	8703	8503	8773	3.54	cps
Barium	137-1	14308	14650	14984	14647	2.31	cps
Beryllium	9-1	127	130	119	125	4.71	cps
Bismuth	209-1	6910329	7152272	6830275	6964292	2.41	cps
Bismuth	209-2	3176569	3048721	3535001	3253430	7.75	cps
Boron	10-1	11420	10698	11066	11061	3.27	cps
Boron	11-1	50880	48855	47269	49001	3.69	cps
Bromine	81-1	90899	92650	88783	90777	2.13	cps
Cadmium	111-1	2419	2451	2394	2421	1.19	cps
Cadmium	106-1	6935	6935	6810	6894	1.05	cps
Cadmium	108-1	71	38	33	47	43.53	cps
Calcium	43-1	444868	452356	443853	447025	1.04	cps
Calcium	44-1	7217511	7214465	7034210	7155396	1.47	cps
Carbon	12-1	7310764	7487888	7447990	7415547	1.25	cps
Carbon	12-2	76131	76902	73593	75542	2.29	cps
Chlorine	35-1	1276966	1258936	1255535	1263813	0.91	cps
Chlorine	35-2	8253	7777	7894	7975	3.11	cps
Chromium	52-2	963	1230	1157	1117	12.34	cps
Cobalt	59-2	110	57	97	88	31.62	cps
Copper	63-2	11415	10734	11071	11073	3.07	cps
Dysprosium	156-1	17	33	8	19	65.47	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	50	50	33	44	21.66	cps
Erbium	164-2	10	23	7	13	66.12	cps
Gadolinium	160-1	158	67	100	108	42.83	cps
Gadolinium	160-2	113	87	120	107	16.53	cps
Holmium	165-1	11942152	11675809	11386947	11668303	2.38	cps
Holmium	165-2	4467765	4135331	4888511	4497202	8.39	cps
Indium	115-1	10943955	10558638	9952528	10485040	4.77	cps
Indium	115-2	1301399	1268946	1519925	1363423	10.01	cps
Iron	54-2	2695	2861	2900	2819	3.87	cps
Iron	56-2	39444	37639	38157	38413	2.42	cps
Iron	57-2	1839	1622	1900	1787	8.17	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4207-01LX5	Instrumnet Name :	P8
Client Sample ID :	MW-101L	Dilution Factor :	5
Date & Time Acquired :	2022-08-30 15:16:33	DataFile Name :	058AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	562	576	579	572	1.53	cps
Lead	206-1	7558	7508	6624	7230	7.27	cps
Lead	207-1	6096	5662	6196	5985	4.74	cps
Lead	208-1	28140	27873	26995	27669	2.17	cps
Lithium	6-1	7799738	7839093	7463781	7700870	2.68	cps
Magnesium	24-2	883673	863250	834527	860483	2.87	cps
Manganese	55-2	1220	1260	1240	1240	1.61	cps
Molybdenum	94-1	658	842	783	761	12.31	cps
Molybdenum	95-1	1133	975	1083	1064	7.61	cps
Molybdenum	96-1	1392	1258	1225	1292	6.83	cps
Molybdenum	97-1	658	658	658	658	0.00	cps
Molybdenum	98-1	1508	1467	1675	1550	7.11	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	2694	2390	2430	2505	6.58	cps
Phosphorus	31-2	1358	1583	1642	1528	9.79	cps
Potassium	39-2	48390	47386	49068	48281	1.75	cps
Rhodium	103-1	10119937	10304377	9628510	10017608	3.49	cps
Rhodium	103-2	3527025	3633285	4186478	3782263	9.36	cps
Scandium	45-1	8327369	8400869	7821222	8183153	3.86	cps
Scandium	45-2	215810	209253	239253	221439	7.12	cps
Selenium	82-1	58	61	16	45	55.49	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	80	74	80	78	4.44	cps
Silicon	28-1	5549973	5636931	5605725	5597543	0.79	cps
Silver	107-1	1083	1100	1150	1111	3.12	cps
Silver	109-1	958	958	975	964	1.00	cps
Sodium	23-2	4553275	4374131	4379089	4435498	2.30	cps
Strontium	86-1	93002	93069	92826	92966	0.14	cps
Strontium	88-1	787105	784904	803443	791817	1.28	cps
Sulfur	34-1	609270	616310	610362	611980	0.62	cps
Terbium	159-1	12102769	12158580	11648877	11970075	2.34	cps
Terbium	159-2	4575827	4375239	4908243	4619770	5.83	cps
Thallium	203-1	558	617	667	614	8.83	cps
Thallium	205-1	1267	1492	1408	1389	8.19	cps
Tin	118-1	3159	3467	3667	3431	7.47	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4207-01LX5	Instrumnet Name :	P8
Client Sample ID :	MW-101L	Dilution Factor :	5
Date & Time Acquired :	2022-08-30 15:16:33	DataFile Name :	058AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	500	542	592	544	8.43	cps
Uranium	238-1	1042	1217	1192	1150	8.23	cps
Vanadium	51-2	63	50	50	54	14.14	cps
Ytterbium	172-1	75	67	92	78	16.37	cps
Ytterbium	172-2	22	28	17	22	25.00	cps
Ytterbium	176-1	2434	2425	2017	2292	10.39	cps
Ytterbium	176-2	8653	8136	9715	8835	9.11	cps
Yttrium	89-1	18132111	18113198	17882331	18042547	0.77	cps
Yttrium	89-2	1640745	1604222	1842639	1695869	7.57	cps
Zinc	66-2	417	453	417	429	4.94	cps
Zirconium	90-1	875	700	667	747	14.98	cps
Zirconium	91-1	142	67	117	108	35.25	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4207-01MS	Instrumnet Name :	P8
Client Sample ID :	MW-101MS	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 15:19:41	DataFile Name :	059AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	824183	812700	787615	808166	2.31	cps
Antimony	121-1	3509028	3509588	3491754	3503457	0.29	cps
Arsenic	75-2	104559	103274	100856	102897	1.83	cps
Barium	135-1	4974795	4860866	4859471	4898377	1.35	cps
Barium	137-1	8235640	8202857	8496626	8311708	1.94	cps
Beryllium	9-1	1863308	1882187	1830389	1858628	1.41	cps
Bismuth	209-1	6121313	6508551	6161438	6263768	3.40	cps
Bismuth	209-2	3206294	3184611	3087474	3159459	2.00	cps
Boron	10-1	256878	268910	278568	268119	4.05	cps
Boron	11-1	1105386	1190836	1155906	1150709	3.73	cps
Bromine	81-1	114342	117118	120578	117346	2.66	cps
Cadmium	111-1	1051010	1039609	1048078	1046232	0.57	cps
Cadmium	106-1	128607	133252	133203	131687	2.03	cps
Cadmium	108-1	82131	83988	85375	83831	1.94	cps
Calcium	43-1	3621357	3768327	3607935	3665873	2.43	cps
Calcium	44-1	58140060	59317404	58813022	58756829	1.01	cps
Carbon	12-1	11301344	12050698	12733953	12028665	5.96	cps
Carbon	12-2	139914	142916	143480	142103	1.35	cps
Chlorine	35-1	1792378	1841671	1928317	1854122	3.71	cps
Chlorine	35-2	13565	13365	13782	13571	1.54	cps
Chromium	52-2	1101880	1087303	1073965	1087716	1.28	cps
Cobalt	59-2	2163129	2043706	2030156	2078997	3.52	cps
Copper	63-2	17549866	16763100	16826312	17046426	2.56	cps
Dysprosium	156-1	192	208	225	208	8.00	cps
Dysprosium	156-2	107	67	77	83	24.98	cps
Erbium	164-1	100	108	92	100	8.33	cps
Erbium	164-2	33	37	23	31	22.31	cps
Gadolinium	160-1	208	175	183	189	9.18	cps
Gadolinium	160-2	157	170	173	167	5.29	cps
Holmium	165-1	10928095	11314577	10989033	11077235	1.88	cps
Holmium	165-2	4707139	4585429	4675940	4656169	1.36	cps
Indium	115-1	9851484	9332183	9437884	9540517	2.88	cps
Indium	115-2	1346000	1342871	1297270	1328713	2.05	cps
Iron	54-2	2745899	2796179	2753006	2765028	0.98	cps
Iron	56-2	49390565	49657279	48011509	49019784	1.80	cps
Iron	57-2	1187610	1165412	1151716	1168246	1.55	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4207-01MS	Instrumnet Name :	P8
Client Sample ID :	MW-101MS	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 15:19:41	DataFile Name :	059AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	581	576	554	570	2.57	cps
Lead	206-1	14069692	14844063	14475308	14463021	2.68	cps
Lead	207-1	12339912	12986394	13012507	12779604	2.98	cps
Lead	208-1	56270428	58409519	58082541	57587496	2.00	cps
Lithium	6-1	7491481	7550837	7191081	7411133	2.60	cps
Magnesium	24-2	15312495	14701710	14356660	14790288	3.27	cps
Manganese	55-2	7010194	7003922	6745122	6919746	2.19	cps
Molybdenum	94-1	8979282	9144750	9010951	9044994	0.97	cps
Molybdenum	95-1	11374119	11488826	11054291	11305745	1.99	cps
Molybdenum	96-1	12381478	12146574	12118888	12215647	1.18	cps
Molybdenum	97-1	6855677	6878725	6964580	6899661	0.83	cps
Molybdenum	98-1	17792520	18395566	18302162	18163416	1.79	cps
Neodymium	150-1	520	487	540	516	5.23	cps
Neodymium	150-2	50	33	27	37	32.78	cps
Nickel	60-2	544340	522581	524077	530333	2.29	cps
Phosphorus	31-2	1700	1525	1600	1608	5.46	cps
Potassium	39-2	4024680	3999747	3964384	3996271	0.76	cps
Rhodium	103-1	9040876	9036135	9062647	9046552	0.16	cps
Rhodium	103-2	3695542	3842723	3694352	3744206	2.28	cps
Scandium	45-1	7996374	7948194	7762248	7902272	1.56	cps
Scandium	45-2	225580	228340	225419	226446	0.73	cps
Selenium	82-1	88055	89387	88695	88712	0.75	cps
Selenium	77-2	2694	2757	2557	2669	3.83	cps
Selenium	78-2	8717	8474	8478	8556	1.62	cps
Silicon	28-1	26161061	25923484	25999627	26028057	0.47	cps
Silver	107-1	883514	726635	774264	794804	10.12	cps
Silver	109-1	760727	720264	917346	799446	13.02	cps
Sodium	23-2	41778743	39789318	39529554	40365871	3.05	cps
Strontium	86-1	1897802	1915117	1899609	1904176	0.50	cps
Strontium	88-1	16502917	16653821	15818161	16324967	2.73	cps
Sulfur	34-1	1009205	1008641	997113	1004986	0.68	cps
Terbium	159-1	11475622	11787572	11607680	11623625	1.35	cps
Terbium	159-2	4585462	4684023	4674132	4647873	1.17	cps
Thallium	203-1	3477608	3541575	3491872	3503685	0.96	cps
Thallium	205-1	8019646	8202367	7921590	8047868	1.77	cps
Tin	118-1	3475230	3577635	3465897	3506254	1.77	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4207-01MS	Instrumnet Name :	P8
Client Sample ID :	MW-101MS	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 15:19:41	DataFile Name :	059AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3712950	3770391	3698982	3727441	1.02	cps
Uranium	238-1	10564750	10407274	10715698	10562574	1.46	cps
Vanadium	51-2	908796	887410	887175	894460	1.39	cps
Ytterbium	172-1	67	108	67	81	29.86	cps
Ytterbium	172-2	44	61	33	46	30.20	cps
Ytterbium	176-1	2050	2067	2192	2103	3.68	cps
Ytterbium	176-2	9565	9420	9559	9515	0.86	cps
Yttrium	89-1	17170817	16987794	16257958	16805523	2.87	cps
Yttrium	89-2	1754877	1755833	1688573	1733094	2.22	cps
Zinc	66-2	1570049	1564104	1529189	1554447	1.42	cps
Zirconium	90-1	7478384	7666042	7432740	7525722	1.64	cps
Zirconium	91-1	1727191	1765256	1689591	1727346	2.19	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4207-01MSD	Instrumnet Name :	P8
Client Sample ID :	MW-101MSD	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 15:22:37	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	835594	804871	806620	815695	2.12	cps
Antimony	121-1	3599526	3513001	3507418	3539981	1.46	cps
Arsenic	75-2	107656	104787	104064	105502	1.80	cps
Barium	135-1	5059293	5016038	4912648	4995993	1.51	cps
Barium	137-1	8555807	8314921	8483173	8451300	1.46	cps
Beryllium	9-1	1874807	1921139	1945378	1913775	1.87	cps
Bismuth	209-1	6502648	6598691	6428007	6509782	1.31	cps
Bismuth	209-2	3210374	3470998	2955368	3212247	8.03	cps
Boron	10-1	279348	288327	300328	289335	3.64	cps
Boron	11-1	1193599	1278903	1307434	1259978	4.70	cps
Bromine	81-1	119701	123296	126566	123188	2.79	cps
Cadmium	111-1	1065691	1050582	1061791	1059355	0.74	cps
Cadmium	106-1	130213	135841	130280	132111	2.45	cps
Cadmium	108-1	87929	87031	85539	86833	1.39	cps
Calcium	43-1	3823328	3644500	3818468	3762098	2.71	cps
Calcium	44-1	60147692	59345002	59141251	59544648	0.89	cps
Carbon	12-1	12057571	12692452	13196785	12648936	4.51	cps
Carbon	12-2	147503	144927	146637	146356	0.90	cps
Chlorine	35-1	2001161	2138833	2218502	2119499	5.19	cps
Chlorine	35-2	15158	16343	16151	15884	4.00	cps
Chromium	52-2	1147388	1091187	1104159	1114245	2.64	cps
Cobalt	59-2	2174708	2168019	2104902	2149210	1.79	cps
Copper	63-2	17619473	17229391	17160323	17336396	1.43	cps
Dysprosium	156-1	242	200	217	219	9.56	cps
Dysprosium	156-2	80	100	83	88	12.21	cps
Erbium	164-1	92	92	100	94	5.09	cps
Erbium	164-2	23	27	30	27	12.51	cps
Gadolinium	160-1	225	133	183	181	25.42	cps
Gadolinium	160-2	187	187	160	178	8.66	cps
Holmium	165-1	11636215	11788749	11092676	11505880	3.18	cps
Holmium	165-2	4692823	5072359	4222739	4662640	9.13	cps
Indium	115-1	10136103	9946723	9359947	9814258	4.12	cps
Indium	115-2	1370371	1515951	1245521	1377281	9.83	cps
Iron	54-2	2875769	2793121	2857360	2842083	1.53	cps
Iron	56-2	50297222	49317052	51097954	50237409	1.78	cps
Iron	57-2	1224844	1178103	1188392	1197113	2.05	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4207-01MSD	Instrumnet Name :	P8
Client Sample ID :	MW-101MSD	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 15:22:37	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	561	634	581	592	6.32	cps
Lead	206-1	14965339	14760364	14730617	14818773	0.86	cps
Lead	207-1	13128450	12931556	12764940	12941649	1.41	cps
Lead	208-1	59259845	59713795	58005631	58993090	1.50	cps
Lithium	6-1	7520236	7476645	7322073	7439652	1.40	cps
Magnesium	24-2	15350073	14825666	15068359	15081366	1.74	cps
Manganese	55-2	7273164	6914896	7103833	7097297	2.53	cps
Molybdenum	94-1	8974885	9072936	9087719	9045180	0.68	cps
Molybdenum	95-1	11431698	11364275	11671198	11489057	1.40	cps
Molybdenum	96-1	12511647	12641330	12910108	12687695	1.60	cps
Molybdenum	97-1	6840776	6928119	6998048	6922314	1.14	cps
Molybdenum	98-1	17935776	18325164	18344024	18201655	1.27	cps
Neodymium	150-1	667	607	460	578	18.40	cps
Neodymium	150-2	30	20	27	26	19.92	cps
Nickel	60-2	553023	542645	540418	545362	1.23	cps
Phosphorus	31-2	1533	1467	1408	1470	4.26	cps
Potassium	39-2	4138233	4011554	4032315	4060700	1.67	cps
Rhodium	103-1	9189149	9451380	8898627	9179719	3.01	cps
Rhodium	103-2	3909356	4068037	3356250	3777881	9.89	cps
Scandium	45-1	8113551	8021665	7755904	7963707	2.33	cps
Scandium	45-2	236917	247851	210795	231854	8.21	cps
Selenium	82-1	90466	91604	89475	90515	1.18	cps
Selenium	77-2	2627	2614	2630	2624	0.34	cps
Selenium	78-2	8799	8775	8641	8738	0.98	cps
Silicon	28-1	26209633	27298507	26996970	26835037	2.10	cps
Silver	107-1	826952	682023	733392	747456	9.83	cps
Silver	109-1	633841	602922	752165	662976	11.88	cps
Sodium	23-2	41027959	40409424	40555175	40664186	0.80	cps
Strontium	86-1	1913378	1985448	1958513	1952446	1.87	cps
Strontium	88-1	16353969	16448896	16977965	16593610	2.03	cps
Sulfur	34-1	983303	1014361	977600	991755	1.99	cps
Terbium	159-1	11869041	12216913	11581206	11889054	2.68	cps
Terbium	159-2	5028610	5199472	4338687	4855590	9.39	cps
Thallium	203-1	3546580	3549871	3579400	3558617	0.51	cps
Thallium	205-1	8259289	8244134	8086703	8196709	1.17	cps
Tin	118-1	3547608	3574804	3600916	3574443	0.75	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4207-01MSD	Instrumnet Name :	P8
Client Sample ID :	MW-101MSD	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 15:22:37	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3817026	3745713	3685935	3749558	1.75	cps
Uranium	238-1	10847470	10605008	11108041	10853506	2.32	cps
Vanadium	51-2	932065	889516	909867	910483	2.34	cps
Ytterbium	172-1	125	133	75	111	28.40	cps
Ytterbium	172-2	33	28	72	44	54.48	cps
Ytterbium	176-1	2167	2217	2092	2159	2.92	cps
Ytterbium	176-2	9253	10432	8798	9494	8.88	cps
Yttrium	89-1	17589113	17316767	16629331	17178404	2.88	cps
Yttrium	89-2	1815881	1860205	1512979	1729689	10.93	cps
Zinc	66-2	1622778	1581680	1550779	1585079	2.28	cps
Zirconium	90-1	7704527	7625910	7474329	7601589	1.54	cps
Zirconium	91-1	1700115	1774909	1722433	1732486	2.22	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4207-01A	Instrumnet Name :	P8
Client Sample ID :	MW-101A	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 15:25:35	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	808856	786438	806812	800702	1.55	cps
Antimony	121-1	3558433	3564576	3416290	3513100	2.39	cps
Arsenic	75-2	105240	103488	102838	103855	1.20	cps
Barium	135-1	4907793	4758748	4982546	4883029	2.33	cps
Barium	137-1	8272114	8157461	8315655	8248410	0.99	cps
Beryllium	9-1	1832327	1907656	1847354	1862446	2.14	cps
Bismuth	209-1	6079761	6333587	6240281	6217877	2.06	cps
Bismuth	209-2	3369800	3367454	3038254	3258503	5.85	cps
Boron	10-1	280407	303737	303087	295743	4.49	cps
Boron	11-1	1185632	1294322	1297296	1259083	5.05	cps
Bromine	81-1	120457	125983	127064	124502	2.85	cps
Cadmium	111-1	1058623	1067598	1046249	1057490	1.01	cps
Cadmium	106-1	130231	134556	132545	132444	1.63	cps
Cadmium	108-1	83065	84604	84394	84021	0.99	cps
Calcium	43-1	3620882	3779221	3785129	3728411	2.50	cps
Calcium	44-1	56934357	59374547	61425443	59244782	3.80	cps
Carbon	12-1	12140736	12847060	13271921	12753239	4.48	cps
Carbon	12-2	147394	147629	150693	148572	1.24	cps
Chlorine	35-1	2135434	2250466	2341705	2242535	4.61	cps
Chlorine	35-2	16310	15842	16768	16307	2.84	cps
Chromium	52-2	1099921	1097444	1101810	1099725	0.20	cps
Cobalt	59-2	2103193	2162132	2073831	2113052	2.13	cps
Copper	63-2	17102063	17116032	17236184	17151426	0.43	cps
Dysprosium	156-1	208	175	258	214	19.61	cps
Dysprosium	156-2	80	97	73	83	14.43	cps
Erbium	164-1	75	67	100	81	21.53	cps
Erbium	164-2	33	30	37	33	10.01	cps
Gadolinium	160-1	192	200	225	206	8.44	cps
Gadolinium	160-2	173	183	203	187	8.18	cps
Holmium	165-1	11061601	11056482	11028229	11048771	0.16	cps
Holmium	165-2	4827795	4835830	4631128	4764918	2.43	cps
Indium	115-1	9586842	9412610	9178102	9392518	2.18	cps
Indium	115-2	1443526	1407190	1336502	1395739	3.90	cps
Iron	54-2	2850989	2824688	2850540	2842072	0.53	cps
Iron	56-2	48366350	49027858	49440536	48944915	1.11	cps
Iron	57-2	1166822	1192045	1176322	1178396	1.08	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4207-01A	Instrumnet Name :	P8
Client Sample ID :	MW-101A	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 15:25:35	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	632	594	625	617	3.33	cps
Lead	206-1	14878302	14520377	14414164	14604281	1.67	cps
Lead	207-1	13191187	13361418	12663143	13071916	2.79	cps
Lead	208-1	59270732	59373605	57930797	58858378	1.37	cps
Lithium	6-1	7299005	7188974	7226513	7238164	0.77	cps
Magnesium	24-2	14748526	14504918	14766650	14673364	1.00	cps
Manganese	55-2	7008266	6876173	6992088	6958843	1.04	cps
Molybdenum	94-1	9200888	8947437	8813590	8987305	2.19	cps
Molybdenum	95-1	11194920	11402199	11127787	11241636	1.27	cps
Molybdenum	96-1	12280842	12622440	12164248	12355843	1.93	cps
Molybdenum	97-1	6956049	6932376	6898604	6929010	0.42	cps
Molybdenum	98-1	17826909	18552175	17965049	18114711	2.13	cps
Neodymium	150-1	607	560	473	547	12.38	cps
Neodymium	150-2	40	30	27	32	21.53	cps
Nickel	60-2	540486	537161	533804	537150	0.62	cps
Phosphorus	31-2	1592	1308	1408	1436	10.01	cps
Potassium	39-2	4030243	3910375	4078945	4006521	2.17	cps
Rhodium	103-1	8931797	9046028	8950471	8976098	0.68	cps
Rhodium	103-2	3938236	3782846	3697100	3806061	3.21	cps
Scandium	45-1	7272745	7838667	8000276	7703896	4.96	cps
Scandium	45-2	235560	238726	228458	234248	2.24	cps
Selenium	82-1	89792	89700	89816	89770	0.07	cps
Selenium	77-2	2637	2634	2617	2629	0.41	cps
Selenium	78-2	8968	8571	8690	8743	2.33	cps
Silicon	28-1	26140150	27338520	26672824	26717165	2.25	cps
Silver	107-1	738621	698905	736218	724581	3.07	cps
Silver	109-1	695004	716110	696010	702375	1.70	cps
Sodium	23-2	41283324	40208074	39688263	40393220	2.01	cps
Strontium	86-1	1964157	1958723	1866048	1929643	2.86	cps
Strontium	88-1	16347707	16805548	16529016	16560757	1.39	cps
Sulfur	34-1	976046	989244	969109	978133	1.05	cps
Terbium	159-1	11427244	11523854	11821226	11590774	1.77	cps
Terbium	159-2	4994486	4791890	4780010	4855462	2.48	cps
Thallium	203-1	3511795	3622963	3482054	3538937	2.10	cps
Thallium	205-1	8204972	8120979	7976098	8100683	1.43	cps
Tin	118-1	3540774	3477450	3412851	3477025	1.84	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4207-01A	Instrumnet Name :	P8
Client Sample ID :	MW-101A	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 15:25:35	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3762679	3762500	3892299	3805826	1.97	cps
Uranium	238-1	10746302	11079139	10925797	10917079	1.53	cps
Vanadium	51-2	903532	891015	892238	895595	0.77	cps
Ytterbium	172-1	67	75	117	86	31.11	cps
Ytterbium	172-2	78	83	61	74	15.62	cps
Ytterbium	176-1	2009	1992	1875	1959	3.71	cps
Ytterbium	176-2	9698	9798	9554	9683	1.27	cps
Yttrium	89-1	16975212	17007136	16450404	16810917	1.86	cps
Yttrium	89-2	1762728	1804979	1734669	1767459	2.00	cps
Zinc	66-2	1596317	1541553	1566957	1568276	1.75	cps
Zirconium	90-1	7809182	7579380	7554341	7647634	1.84	cps
Zirconium	91-1	1753839	1753356	1764414	1757203	0.36	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4244-08DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-103SDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-30 15:28:32	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3242	3289	3329	3287	1.31	cps
Antimony	121-1	2317	2825	3984	3042	28.09	cps
Arsenic	75-2	58	58	40	52	19.99	cps
Barium	135-1	141227	136647	131571	136482	3.54	cps
Barium	137-1	240732	233874	224187	232931	3.57	cps
Beryllium	9-1	279	261	281	274	3.98	cps
Bismuth	209-1	5584286	6166657	6299775	6016906	6.32	cps
Bismuth	209-2	3244573	3203771	3142370	3196905	1.61	cps
Boron	10-1	176031	177061	169349	174147	2.40	cps
Boron	11-1	796541	814991	803861	805131	1.15	cps
Bromine	81-1	1242631	1339345	1480285	1354087	8.83	cps
Cadmium	111-1	2163	2379	2329	2290	4.95	cps
Cadmium	106-1	5901	6585	6277	6254	5.48	cps
Cadmium	108-1	46	13	38	32	54.30	cps
Calcium	43-1	834400	818765	777507	810224	3.63	cps
Calcium	44-1	13550400	12692177	12615221	12952599	4.01	cps
Carbon	12-1	10623783	10436499	10258025	10439435	1.75	cps
Carbon	12-2	104521	104177	105402	104700	0.60	cps
Chlorine	35-1	13069054	14847168	16195808	14704010	10.67	cps
Chlorine	35-2	125408	133109	138955	132491	5.13	cps
Chromium	52-2	1440	1440	1680	1520	9.12	cps
Cobalt	59-2	373	457	407	412	10.18	cps
Copper	63-2	3120	3190	3137	3149	1.16	cps
Dysprosium	156-1	283	208	300	264	18.50	cps
Dysprosium	156-2	70	77	43	63	27.85	cps
Erbium	164-1	275	225	183	228	20.15	cps
Erbium	164-2	93	67	77	79	17.07	cps
Gadolinium	160-1	283	233	250	256	9.96	cps
Gadolinium	160-2	207	193	210	203	4.34	cps
Holmium	165-1	10522006	11285691	11476301	11094666	4.55	cps
Holmium	165-2	4785754	4810783	4802951	4799829	0.27	cps
Indium	115-1	8998822	9543463	9682938	9408407	3.84	cps
Indium	115-2	1363165	1404391	1392648	1386735	1.53	cps
Iron	54-2	56171	54353	54945	55156	1.68	cps
Iron	56-2	1000817	1003203	976063	993361	1.51	cps
Iron	57-2	26191	26764	25512	26156	2.40	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4244-08DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-103SDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-30 15:28:32	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	600	579	591	590	1.81	cps
Lead	206-1	9087	9003	8981	9024	0.62	cps
Lead	207-1	7313	7486	7263	7354	1.59	cps
Lead	208-1	34947	35665	34569	35060	1.59	cps
Lithium	6-1	6758489	7461036	7667463	7295663	6.53	cps
Magnesium	24-2	7757850	7544992	7545030	7615957	1.61	cps
Manganese	55-2	66949	66183	65771	66301	0.90	cps
Molybdenum	94-1	3075	2617	3284	2992	11.40	cps
Molybdenum	95-1	3626	3259	3501	3462	5.39	cps
Molybdenum	96-1	4234	3701	4026	3987	6.74	cps
Molybdenum	97-1	2075	1950	1975	2000	3.31	cps
Molybdenum	98-1	5693	4918	5018	5209	8.10	cps
Neodymium	150-1	267	213	240	240	11.11	cps
Neodymium	150-2	50	93	53	66	36.78	cps
Nickel	60-2	397	407	413	406	2.07	cps
Phosphorus	31-2	2059	2109	2067	2078	1.29	cps
Potassium	39-2	2845602	2808238	2848014	2833951	0.79	cps
Rhodium	103-1	8381115	9027577	9108688	8839127	4.51	cps
Rhodium	103-2	3768844	3889613	3982011	3880156	2.75	cps
Scandium	45-1	7309053	7916237	7811510	7678933	4.23	cps
Scandium	45-2	238597	237578	234889	237021	0.81	cps
Selenium	82-1	1110	1167	1154	1144	2.63	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	77	82	82	80	3.59	cps
Silicon	28-1	15331227	14602498	13981109	14638278	4.62	cps
Silver	107-1	383	583	400	456	24.36	cps
Silver	109-1	467	308	408	394	20.30	cps
Sodium	23-2	147960216	150980703	148444341	149128420	1.09	cps
Strontium	86-1	1646637	1653180	1527166	1608994	4.41	cps
Strontium	88-1	13797388	13511620	13254120	13521043	2.01	cps
Sulfur	34-1	432532	428827	427763	429707	0.58	cps
Terbium	159-1	10656088	11477417	11817381	11316962	5.28	cps
Terbium	159-2	4773769	4915470	4880542	4856594	1.52	cps
Thallium	203-1	1225	1183	1333	1247	6.21	cps
Thallium	205-1	2742	2859	2667	2756	3.50	cps
Tin	118-1	2784	2959	3284	3009	8.44	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4244-08DLX5	Instrumnet Name :	P8
Client Sample ID :	MW-103SDL	Dilution Factor :	5
Date & Time Acquired :	2022-08-30 15:28:32	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4201	3409	3826	3812	10.39	cps
Uranium	238-1	225	233	217	225	3.70	cps
Vanadium	51-2	1400	1263	1290	1318	5.50	cps
Ytterbium	172-1	83	142	92	106	29.89	cps
Ytterbium	172-2	61	44	78	61	27.27	cps
Ytterbium	176-1	1884	2125	2059	2022	6.17	cps
Ytterbium	176-2	9809	10304	9504	9872	4.09	cps
Yttrium	89-1	15998358	17001988	17813993	16938113	5.37	cps
Yttrium	89-2	1766997	1786071	1859811	1804293	2.72	cps
Zinc	66-2	1243	1247	1213	1235	1.49	cps
Zirconium	90-1	2800	2959	3217	2992	7.03	cps
Zirconium	91-1	550	525	783	619	23.00	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4229-06	Instrumnet Name :	P8
Client Sample ID :	FB-08162022	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 15:31:39	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	107	111	140	120	14.87	cps
Antimony	121-1	517	550	925	664	34.15	cps
Arsenic	75-2	8	10	11	10	15.80	cps
Barium	135-1	42	42	33	39	12.38	cps
Barium	137-1	42	58	83	61	34.32	cps
Beryllium	9-1	181	210	176	189	9.63	cps
Bismuth	209-1	6716583	6825408	6920375	6820789	1.50	cps
Bismuth	209-2	3518581	3426371	3485565	3476839	1.34	cps
Boron	10-1	27617	26296	25049	26321	4.88	cps
Boron	11-1	127560	118140	112500	119400	6.37	cps
Bromine	81-1	175232	160748	155648	163876	6.20	cps
Cadmium	111-1	2207	2262	2365	2278	3.52	cps
Cadmium	106-1	6218	6218	6585	6341	3.34	cps
Cadmium	108-1	33	21	21	25	28.87	cps
Calcium	43-1	295	291	296	294	0.88	cps
Calcium	44-1	9950	10210	10117	10092	1.31	cps
Carbon	12-1	7519783	7371584	7285906	7392424	1.60	cps
Carbon	12-2	74305	72286	72832	73141	1.43	cps
Chlorine	35-1	4147255	3798258	3439206	3794906	9.33	cps
Chlorine	35-2	21116	20398	19255	20256	4.63	cps
Chromium	52-2	700	667	690	686	2.50	cps
Cobalt	59-2	17	23	43	28	49.95	cps
Copper	63-2	1607	1590	1627	1608	1.14	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	50	42	92	61	43.83	cps
Erbium	164-2	17	13	27	19	36.75	cps
Gadolinium	160-1	75	83	108	89	19.52	cps
Gadolinium	160-2	160	150	130	147	10.41	cps
Holmium	165-1	11164069	11566794	11337043	11355968	1.78	cps
Holmium	165-2	4866234	4656175	4645831	4722747	2.63	cps
Indium	115-1	10010272	9856884	10178513	10015223	1.61	cps
Indium	115-2	1435088	1396709	1397998	1409931	1.55	cps
Iron	54-2	811	917	872	867	6.11	cps
Iron	56-2	4456	4529	4490	4492	0.81	cps
Iron	57-2	122	122	189	144	26.65	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4229-06	Instrumnet Name :	P8
Client Sample ID :	FB-08162022	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 15:31:39	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	596	541	530	556	6.38	cps
Lead	206-1	1239	1200	1111	1183	5.54	cps
Lead	207-1	989	989	1095	1024	5.95	cps
Lead	208-1	4700	4750	4717	4723	0.54	cps
Lithium	6-1	7525567	7677061	7597099	7599909	1.00	cps
Magnesium	24-2	358	317	283	319	11.76	cps
Manganese	55-2	117	87	100	101	14.87	cps
Molybdenum	94-1	783	700	592	692	13.89	cps
Molybdenum	95-1	1000	1058	942	1000	5.83	cps
Molybdenum	96-1	1225	1442	1033	1233	16.57	cps
Molybdenum	97-1	658	633	592	628	5.37	cps
Molybdenum	98-1	1450	1667	1467	1528	7.89	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	60	63	100	74	29.81	cps
Phosphorus	31-2	1492	1308	1467	1422	6.99	cps
Potassium	39-2	19756	20023	20407	20062	1.63	cps
Rhodium	103-1	9569889	9859231	10024603	9817908	2.34	cps
Rhodium	103-2	4141059	4056328	3921206	4039531	2.74	cps
Scandium	45-1	7710347	7844645	8012852	7855948	1.93	cps
Scandium	45-2	238571	230681	227784	232345	2.40	cps
Selenium	82-1	77	93	99	90	12.19	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	69	73	76	73	4.83	cps
Silicon	28-1	863201	842624	827333	844386	2.13	cps
Silver	107-1	242	233	217	231	5.52	cps
Silver	109-1	292	250	208	250	16.67	cps
Sodium	23-2	40373	38702	38802	39292	2.39	cps
Strontium	86-1	892	1000	908	933	6.25	cps
Strontium	88-1	658	567	575	600	8.45	cps
Sulfur	34-1	409437	402192	407300	406310	0.92	cps
Terbium	159-1	11680609	11997945	11560154	11746236	1.93	cps
Terbium	159-2	4851034	4853114	4682235	4795461	2.04	cps
Thallium	203-1	892	1042	900	945	8.93	cps
Thallium	205-1	2292	2092	2225	2203	4.62	cps
Tin	118-1	2609	2392	2050	2350	11.98	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	N4229-06	Instrumnet Name :	P8
Client Sample ID :	FB-08162022	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 15:31:39	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	442	358	342	381	14.08	cps
Uranium	238-1	8	25	25	19	49.50	cps
Vanadium	51-2	3	7	3	4	43.40	cps
Ytterbium	172-1	100	58	33	64	52.72	cps
Ytterbium	172-2	28	17	28	24	26.64	cps
Ytterbium	176-1	2009	1925	2117	2017	4.77	cps
Ytterbium	176-2	9292	9287	9398	9326	0.67	cps
Yttrium	89-1	17250766	17630067	16992169	17291000	1.86	cps
Yttrium	89-2	1787986	1719900	1690900	1732929	2.88	cps
Zinc	66-2	260	220	227	236	9.10	cps
Zirconium	90-1	775	675	817	756	9.64	cps
Zirconium	91-1	133	92	133	119	20.14	cps

LB Number : LB121810 Operator : Jaswal
 Lab Sample ID : CCV18 Instrumnet Name : P8
 Client Sample ID : CCV18 Dilution Factor : 1
 Date & Time Acquired : 2022-08-30 15:47:11 DataFile Name : 065CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4199822	4112754	4090630	4134402	1.40	cps
Antimony	121-1	3302393	3302201	3306663	3303752	0.08	cps
Arsenic	75-2	95005	94228	94299	94511	0.45	cps
Barium	135-1	4786078	4836360	4788196	4803545	0.59	cps
Barium	137-1	8303253	7983558	8219161	8168657	2.03	cps
Beryllium	9-1	1711687	1772570	1811720	1765326	2.86	cps
Bismuth	209-1	5852516	5901358	5962670	5905515	0.93	cps
Bismuth	209-2	3003720	3109905	2917128	3010251	3.21	cps
Boron	10-1	367872	387781	389880	381845	3.18	cps
Boron	11-1	1548552	1666440	1686803	1633932	4.57	cps
Bromine	81-1	77170	77043	75784	76666	1.00	cps
Cadmium	111-1	1007548	984598	993329	995158	1.16	cps
Cadmium	106-1	128522	124822	124619	125988	1.74	cps
Cadmium	108-1	84223	84181	83023	83809	0.81	cps
Calcium	43-1	8312123	8377528	8595435	8428362	1.76	cps
Calcium	44-1	131571434	134088789	130972389	132210871	1.25	cps
Carbon	12-1	7510705	7616386	7709230	7612107	1.30	cps
Carbon	12-2	83220	79599	81904	81574	2.25	cps
Chlorine	35-1	673631	684388	680968	679662	0.81	cps
Chlorine	35-2	4609	4342	4401	4451	3.15	cps
Chromium	52-2	1072482	1070706	1061266	1068152	0.56	cps
Cobalt	59-2	2047834	2038367	2003958	2030053	1.14	cps
Copper	63-2	15551866	15664947	15414408	15543740	0.81	cps
Dysprosium	156-1	642	592	642	625	4.62	cps
Dysprosium	156-2	143	200	260	201	29.01	cps
Erbium	164-1	83	92	75	83	10.00	cps
Erbium	164-2	47	40	50	46	11.18	cps
Gadolinium	160-1	408	533	567	503	16.60	cps
Gadolinium	160-2	303	260	203	256	19.62	cps
Holmium	165-1	10857480	10762628	10751721	10790610	0.54	cps
Holmium	165-2	4795765	4837585	4633234	4755528	2.27	cps
Indium	115-1	9016033	9163184	9457536	9212251	2.44	cps
Indium	115-2	1300348	1347830	1333099	1327092	1.83	cps
Iron	54-2	13057878	12956294	12975871	12996681	0.41	cps
Iron	56-2	236104039	238602844	237036500	237247794	0.53	cps
Iron	57-2	5927255	5931693	5772280	5877076	1.54	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 15:47:11	DataFile Name :	065CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	580	564	629	591	5.73	cps
Lead	206-1	14100691	13904540	13793379	13932870	1.12	cps
Lead	207-1	12396086	12713344	11945397	12351609	3.12	cps
Lead	208-1	56453301	56052839	55248996	55918379	1.10	cps
Lithium	6-1	7116013	6857858	7345194	7106355	3.43	cps
Magnesium	24-2	49590297	49607390	49176830	49458172	0.49	cps
Manganese	55-2	6158451	6094734	6141388	6131525	0.54	cps
Molybdenum	94-1	14975160	15308280	15052789	15112076	1.15	cps
Molybdenum	95-1	21744467	21396622	21555264	21565451	0.81	cps
Molybdenum	96-1	23729946	23238236	23136774	23368319	1.36	cps
Molybdenum	97-1	13605956	13387286	13090155	13361132	1.94	cps
Molybdenum	98-1	35023320	34224955	34539537	34595937	1.16	cps
Neodymium	150-1	447	560	533	513	11.54	cps
Neodymium	150-2	37	33	57	42	29.89	cps
Nickel	60-2	568179	570385	563893	567485	0.58	cps
Phosphorus	31-2	47813	48749	46885	47816	1.95	cps
Potassium	39-2	18662569	18205874	18644547	18504330	1.40	cps
Rhodium	103-1	8414422	8574130	8749737	8579430	1.95	cps
Rhodium	103-2	3599749	3717666	3681838	3666418	1.65	cps
Scandium	45-1	7244732	7565201	7670194	7493375	2.96	cps
Scandium	45-2	231778	233281	232338	232466	0.33	cps
Selenium	82-1	91791	91381	91288	91486	0.29	cps
Selenium	77-2	2487	2884	2630	2667	7.53	cps
Selenium	78-2	9185	9030	8970	9062	1.23	cps
Silicon	28-1	18430554	19097130	18645692	18724458	1.82	cps
Silver	107-1	5426750	5278278	5333163	5346064	1.40	cps
Silver	109-1	5155839	5033106	5034630	5074525	1.39	cps
Sodium	23-2	102244000	100355290	102469119	101689470	1.14	cps
Strontium	86-1	35785134	36620847	35758424	36054802	1.36	cps
Strontium	88-1	316853615	317070432	308954057	314292701	1.47	cps
Sulfur	34-1	965772	973135	976420	971776	0.56	cps
Terbium	159-1	11184468	11486555	11744435	11471819	2.44	cps
Terbium	159-2	4819062	4784007	4842877	4815315	0.61	cps
Thallium	203-1	3274946	3392081	3322820	3329949	1.77	cps
Thallium	205-1	7681545	7504228	7828649	7671474	2.12	cps
Tin	118-1	3440117	3443071	3343637	3408941	1.66	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 15:47:11	DataFile Name :	065CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7160033	7277926	7310936	7249632	1.09	cps
Uranium	238-1	10653197	10586394	10613295	10617629	0.32	cps
Vanadium	51-2	886596	888901	868711	881403	1.25	cps
Ytterbium	172-1	158	117	125	133	16.54	cps
Ytterbium	172-2	56	83	72	70	19.87	cps
Ytterbium	176-1	9937	9887	9937	9921	0.29	cps
Ytterbium	176-2	12562	13835	13168	13188	4.83	cps
Yttrium	89-1	16742898	16174061	16749542	16555500	2.00	cps
Yttrium	89-2	1723773	1825521	1793534	1780943	2.92	cps
Zinc	66-2	1776141	1727212	1705236	1736196	2.09	cps
Zirconium	90-1	7711686	7829881	7734777	7758781	0.81	cps
Zirconium	91-1	1797065	1741897	1779123	1772695	1.59	cps

LB Number : LB121810 Operator : Jaswal
 Lab Sample ID : CCB18 Instrumnet Name : P8
 Client Sample ID : CCB18 Dilution Factor : 1
 Date & Time Acquired : 2022-08-30 15:52:38 DataFile Name : 066CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	116	127	121	122	4.63	cps
Antimony	121-1	733	1325	2092	1383	49.23	cps
Arsenic	75-2	9	21	8	13	57.11	cps
Barium	135-1	100	83	25	69	56.71	cps
Barium	137-1	200	158	117	158	26.32	cps
Beryllium	9-1	245	200	237	227	10.60	cps
Bismuth	209-1	6755985	6663578	6499247	6639604	1.96	cps
Bismuth	209-2	3431595	3509199	3422232	3454342	1.38	cps
Boron	10-1	20546	19980	18420	19649	5.60	cps
Boron	11-1	89399	87006	83410	86605	3.48	cps
Bromine	81-1	79619	80383	78884	79629	0.94	cps
Cadmium	111-1	2116	2186	2113	2138	1.94	cps
Cadmium	106-1	5985	6143	5968	6032	1.60	cps
Cadmium	108-1	71	92	79	81	13.02	cps
Calcium	43-1	381	405	371	386	4.49	cps
Calcium	44-1	11835	11383	10765	11328	4.74	cps
Carbon	12-1	6790658	6711886	6422900	6641815	2.92	cps
Carbon	12-2	65513	65982	67597	66364	1.65	cps
Chlorine	35-1	559015	557892	540620	552509	1.87	cps
Chlorine	35-2	3375	3751	3534	3553	5.30	cps
Chromium	52-2	680	583	530	598	12.72	cps
Cobalt	59-2	100	53	77	77	30.44	cps
Copper	63-2	1557	1453	1583	1531	4.49	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	58	67	58	61	7.87	cps
Erbium	164-2	33	10	23	22	52.68	cps
Gadolinium	160-1	83	92	83	86	5.58	cps
Gadolinium	160-2	150	170	143	154	8.98	cps
Holmium	165-1	10934824	11050369	11220322	11068505	1.30	cps
Holmium	165-2	4671378	4728843	4724576	4708265	0.68	cps
Indium	115-1	9767411	9770759	9533342	9690504	1.40	cps
Indium	115-2	1426366	1418492	1398323	1414394	1.02	cps
Iron	54-2	1106	861	950	972	12.73	cps
Iron	56-2	6618	6301	7147	6689	6.39	cps
Iron	57-2	222	172	156	183	18.92	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 15:52:38	DataFile Name :	066CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	552	572	516	547	5.21	cps
Lead	206-1	1211	1345	1217	1257	6.00	cps
Lead	207-1	956	1122	1089	1056	8.36	cps
Lead	208-1	5234	5417	4962	5204	4.41	cps
Lithium	6-1	7819457	7287507	7324525	7477163	3.97	cps
Magnesium	24-2	575	550	592	572	3.67	cps
Manganese	55-2	127	133	140	133	5.00	cps
Molybdenum	94-1	1467	1467	1467	1467	0.00	cps
Molybdenum	95-1	2567	1700	1950	2072	21.53	cps
Molybdenum	96-1	2834	2559	2600	2664	5.56	cps
Molybdenum	97-1	1483	1708	1283	1492	14.25	cps
Molybdenum	98-1	3667	3317	3526	3503	5.03	cps
Neodymium	150-1	20	13	13	16	24.76	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	63	97	50	70	34.34	cps
Phosphorus	31-2	1558	1442	1592	1531	5.15	cps
Potassium	39-2	21483	20824	21233	21180	1.57	cps
Rhodium	103-1	9477293	9283200	9442394	9400962	1.10	cps
Rhodium	103-2	4013603	3945710	3934140	3964484	1.08	cps
Scandium	45-1	7749462	7587965	7382328	7573252	2.43	cps
Scandium	45-2	230342	228504	232561	230469	0.88	cps
Selenium	82-1	44	24	45	37	31.79	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	60	63	66	63	4.76	cps
Silicon	28-1	778681	770180	762368	770410	1.06	cps
Silver	107-1	425	450	342	406	13.99	cps
Silver	109-1	392	275	233	300	27.36	cps
Sodium	23-2	35410	35878	35193	35494	0.99	cps
Strontium	86-1	1350	1275	1400	1342	4.69	cps
Strontium	88-1	5401	4734	3492	4543	21.33	cps
Sulfur	34-1	408901	407195	417269	411122	1.31	cps
Terbium	159-1	11601406	11370525	11273372	11415101	1.48	cps
Terbium	159-2	4938225	4845066	4836234	4873175	1.16	cps
Thallium	203-1	825	725	867	806	9.04	cps
Thallium	205-1	2050	1975	2017	2014	1.87	cps
Tin	118-1	2442	2525	2292	2420	4.89	cps

LB Number :	LB121810	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired :	2022-08-30 15:52:38	DataFile Name :	066CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	367	367	400	378	5.09	cps
Uranium	238-1	142	183	158	161	13.02	cps
Vanadium	51-2	10	30	10	17	69.28	cps
Ytterbium	172-1	33	75	42	50	44.10	cps
Ytterbium	172-2	44	22	39	35	32.88	cps
Ytterbium	176-1	1867	1825	2000	1897	4.82	cps
Ytterbium	176-2	9237	9565	9531	9444	1.91	cps
Yttrium	89-1	16557853	16485502	16508561	16517305	0.22	cps
Yttrium	89-2	1747701	1722382	1798549	1756211	2.21	cps
Zinc	66-2	257	240	220	239	7.69	cps
Zirconium	90-1	825	917	967	903	7.96	cps
Zirconium	91-1	108	158	267	178	45.53	cps