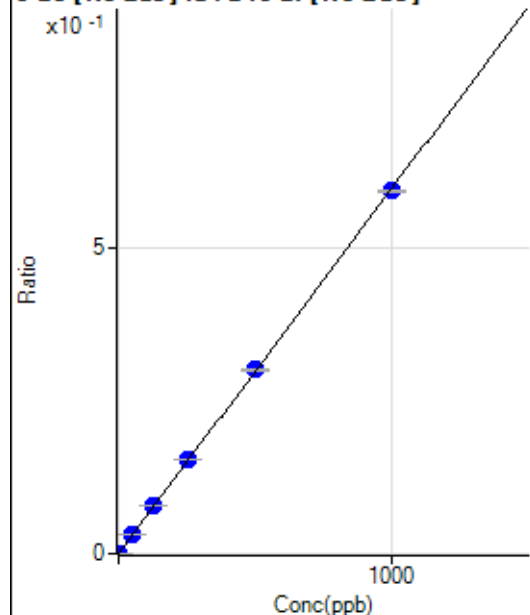


Batch Folder: D:\ICP-MS Data\P7122719 MS.b\
Analysis File: P7122719 MS.batch.bin
DA Date-Time: 2019-12-27 14:44:26
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2019-12-27 12:22:44
2	005CALS.d	S02	2019-12-27 12:26:22
3	006CALS.d	S03	2019-12-27 12:31:08
4	007CALS.d	S04	2019-12-27 12:34:57
5	008CALS.d	S05	2019-12-27 12:38:45
6	009CALS.d	S06	2019-12-27 12:42:34
7	010CALS.d	S07	2019-12-27 12:46:23
8	011CALS.d	S08	2019-12-27 12:50:13

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	75.93	0.0000	P	40.2
2	☐	1.000	1.005	3328.24	0.0006	P	4.3
3	☐	50.000	53.487	172741.42	0.0319	P	0.5
4	☐	125.000	132.008	403330.68	0.0788	P	0.2
5	☐	250.000	258.908	719661.41	0.1545	P	0.4
6	☐	500.000	504.010	1350333.09	0.3008	P	0.5
7	☐	1000.000	994.717	2607033.62	0.5936	P	0.5
8	☐			448.17	0.0001	P	6.6

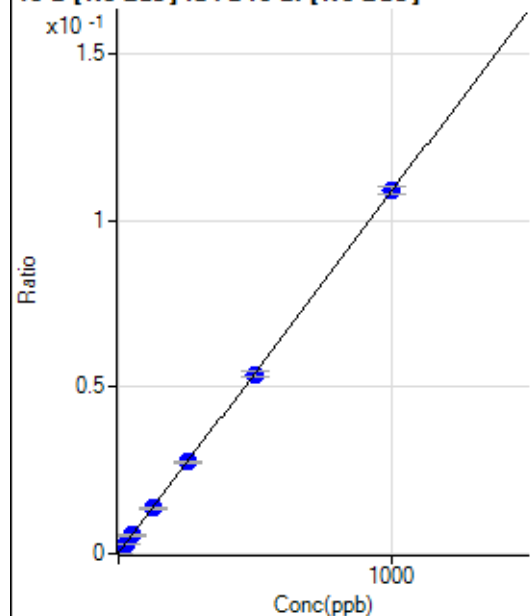
$$y = 5.9673\text{E-}004 * x + 1.4238\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.0288$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	519.48	0.0001	P	12.9
2	☐	25.000	23.871	14557.50	0.0027	P	1.6
3	☐	50.000	49.956	29841.39	0.0055	P	5.2
4	☐	125.000	125.125	69990.28	0.0137	P	2.0
5	☐	250.000	251.817	127688.34	0.0274	P	1.3
6	☐	500.000	495.915	241944.25	0.0539	P	2.7
7	☐	1000.000	1001.603	477598.90	0.1088	P	2.3
8	☐			12097.01	0.0029	P	8.8

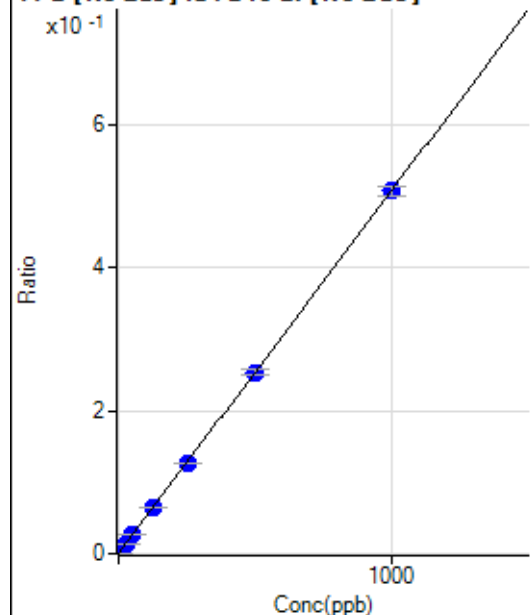
$$y = 1.0849\text{E-}004 * x + 9.7450\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.3479$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2119.67	0.0004	P	1.4
2	☐	25.000	24.531	69474.27	0.0128	P	0.1
3	☐	50.000	50.469	140432.47	0.0260	P	2.6
4	☐	125.000	125.751	328109.36	0.0641	P	2.0
5	☐	250.000	250.496	592801.33	0.1273	P	0.2
6	☐	500.000	499.995	1138684.56	0.2537	P	2.3
7	☐	1000.000	999.773	2225583.54	0.5068	P	2.3
8	☐			57119.98	0.0135	P	8.2

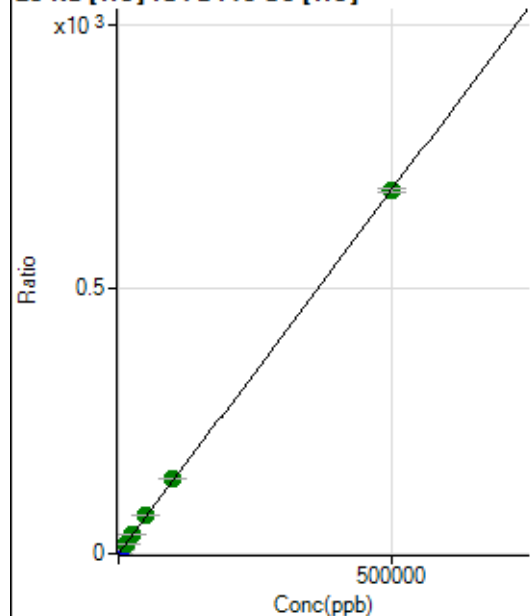
$$y = 5.0653\text{E-}004 * x + 3.9767\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.03349$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12961.69	0.0321	P	1.7
2	☐	500.000	519.898	301171.30	0.7456	P	1.5
3	☐	5000.000	5302.889	2861831.90	7.3098	P	0.9
4	☐	12500.000	13075.986	6761427.28	17.9777	A	0.5
5	☐	25000.000	26318.176	12111514.77	36.1514	A	0.3
6	☐	50000.000	52138.307	23299007.99	71.5872	A	0.7
7	☐	100000.00	103681.09	45591437.83	142.3251	A	0.4
8	☐	500000.00	498966.59	239539241.4	684.8189	A	1.2

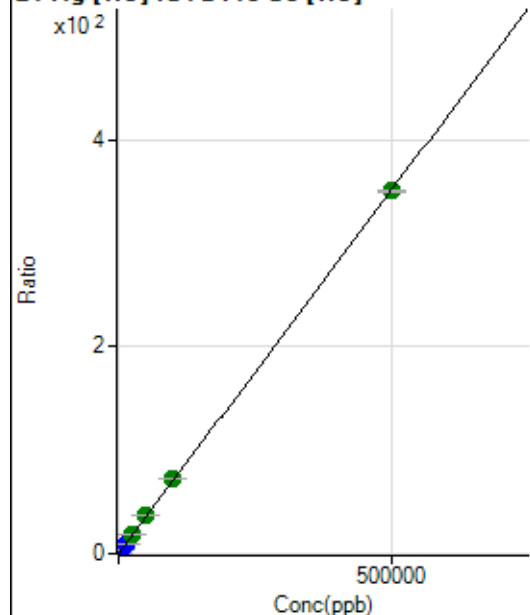
$$y = 0.0014 * x + 0.0321$$

$$R = 1.0000$$

$$DL = 1.215$$

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	205.57	0.0005	P	6.5
2	☐	500.000	536.270	152330.05	0.3771	P	2.3
3	☐	5000.000	5363.555	1474924.16	3.7673	P	0.6
4	☐	12500.000	13286.308	3509459.11	9.3315	P	0.1
5	☐	25000.000	26498.235	6234835.38	18.6102	A	0.1
6	☐	50000.000	52380.598	11972824.31	36.7873	A	0.8
7	☐	100000.00	103723.52	23334688.20	72.8453	A	0.6
8	☐	500000.00	498918.99	122562299.9	350.3904	A	0.6

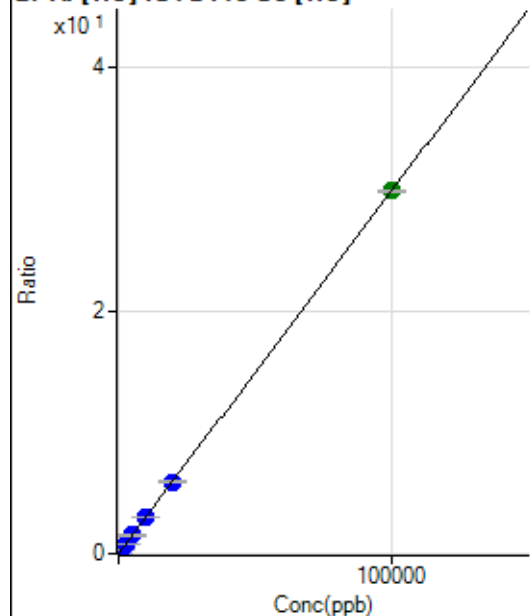
$$y = 7.0230E-004 * x + 5.0908E-004$$

$$R = 1.0000$$

$$DL = 0.1423$$

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	33.33	0.0001	P	25.3
2	☐	20.000	21.068	2575.32	0.0064	P	3.6
3	☐	1000.000	1014.853	118685.37	0.3032	P	0.4
4	☐	2500.000	2534.901	284770.00	0.7571	P	1.5
5	☐	5000.000	5047.006	504981.61	1.5073	P	0.5
6	☐	10000.000	9978.397	969876.25	2.9800	P	0.8
7	☐	20000.000	19872.727	1901117.29	5.9348	P	0.6
8	☐	100000.00	100024.24	10448458.39	29.8711	A	0.4

$$y = 2.9864E-004 * x + 8.2584E-005$$

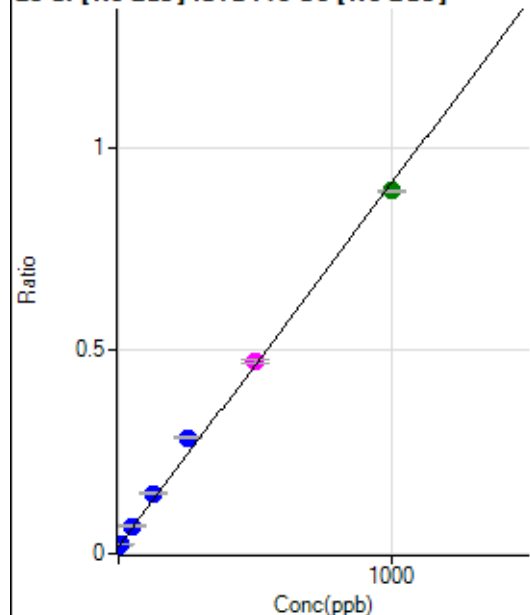
$$R = 1.0000$$

$$DL = 0.2099$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	205171.30	0.0177	P	0.5
2	☐	10.000	8.687	301290.40	0.0255	P	0.9
3	☐	50.000	56.899	800651.09	0.0686	P	1.8
4	☐	125.000	146.818	1645610.11	0.1491	P	2.3
5	☐	250.000	299.456	2846194.60	0.2857	P	1.3
6	☐	500.000	510.396	4621238.21	0.4745	M	1.8
7	☐	1000.000	979.379	8671558.70	0.8941	A	0.9
8	☐			1107320.17	0.1168	P	0.1

$$y = 8.9487\text{E-}004 * x + 0.0177$$

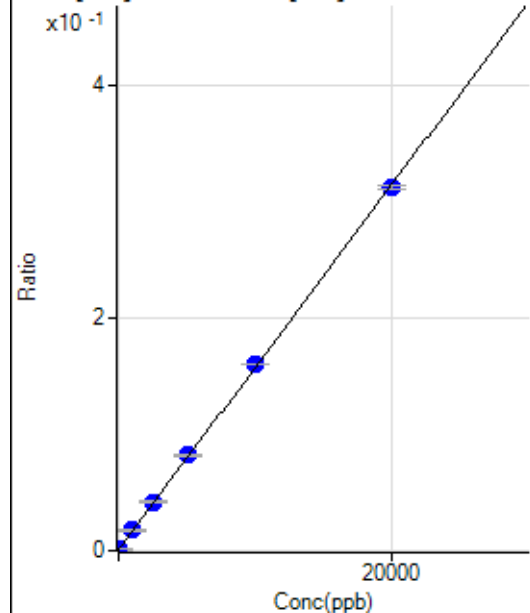
$$R = 0.9984$$

$$DL = 0.3142$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-26.085	136.12	0.0003	P	17.5
2	☐	0.000	26.085	466.70	0.0012	P	3.0
3	☐	1000.000	1072.295	6874.10	0.0176	P	4.5
4	☐	2500.000	2622.292	15750.52	0.0419	P	1.5
5	☐	5000.000	5192.527	27534.78	0.0822	P	1.6
6	☐	10000.000	10184.887	52231.28	0.1605	P	0.3
7	☐	20000.000	19840.523	99917.07	0.3119	P	1.0
8	☐			183.34	0.0005	P	16.9

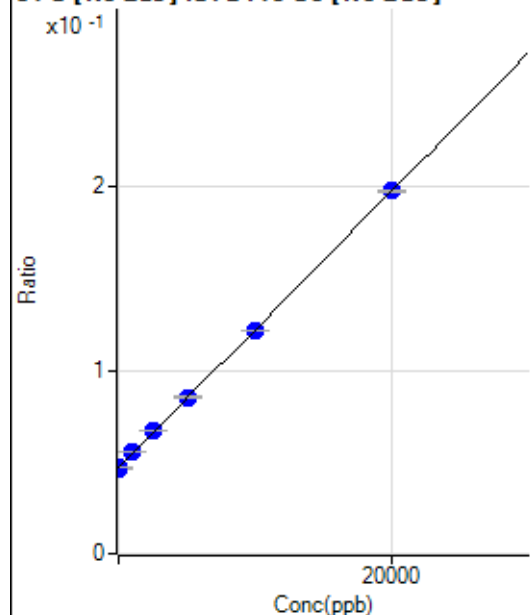
$$y = 1.5684\text{E-}005 * x + 7.4607\text{E-}004$$

$$R = 0.9999$$

$$DL = 8.906$$

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	-52.138	538104.00	0.0465	P	1.1
2	☐	0.000	52.138	558593.23	0.0473	P	0.7
3	☐	1000.000	1168.596	649764.30	0.0557	P	0.4
4	☐	2500.000	2660.819	739124.57	0.0670	P	1.0
5	☐	5000.000	5094.211	850343.81	0.0853	P	0.8
6	☐	10000.000	9884.895	1183618.23	0.1215	P	0.1
7	☐	20000.000	20005.468	1919947.44	0.1980	P	0.4
8	☐			424818.68	0.0448	P	0.5

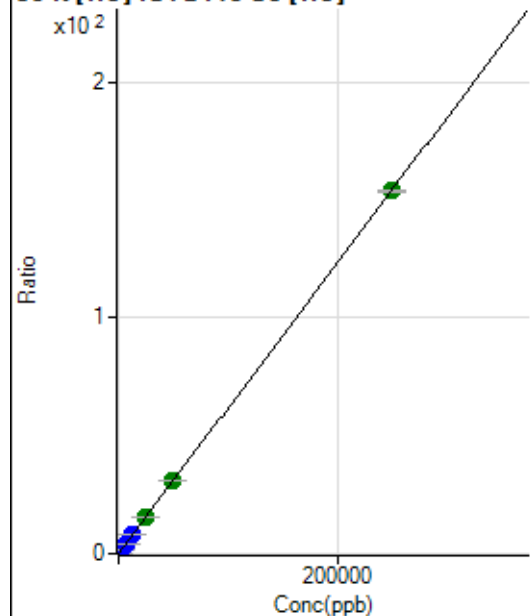
$$y = 7.5522\text{E-}006 * x + 0.0469$$

R = 0.9999

DL = 172.9

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	18698.49	0.0463	P	0.6
2	☐	500.000	515.337	146823.43	0.3635	P	0.9
3	☐	2500.000	2621.747	649864.22	1.6599	P	0.5
4	☐	6250.000	6508.207	1523904.31	4.0520	P	0.6
5	☐	12500.000	12853.422	2665881.63	7.9573	P	0.1
6	☐	25000.000	25152.833	5053560.27	15.5273	A	1.0
7	☐	50000.000	50177.386	9907684.25	30.9293	A	0.9
8	☐	250000.00	249923.86	53820690.09	153.8687	A	0.4

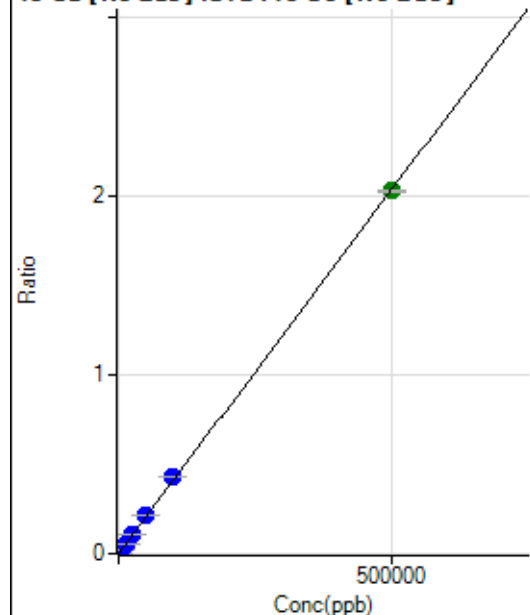
$$y = 6.1548\text{E-}004 * x + 0.0463$$

R = 1.0000

DL = 1.273

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	277.80	0.0000	P	1.7
2	☐	500.000	491.127	23875.54	0.0020	P	3.0
3	☐	5000.000	5337.991	253406.28	0.0217	P	0.6
4	☐	12500.000	13381.582	600619.08	0.0544	P	0.7
5	☐	25000.000	26741.900	1083269.84	0.1087	P	0.7
6	☐	50000.000	52663.576	2085215.93	0.2141	P	0.6
7	☐	100000.00	104855.87	4134212.25	0.4263	P	0.4
8	☐	500000.00	498649.96	19210746.96	2.0270	A	0.8

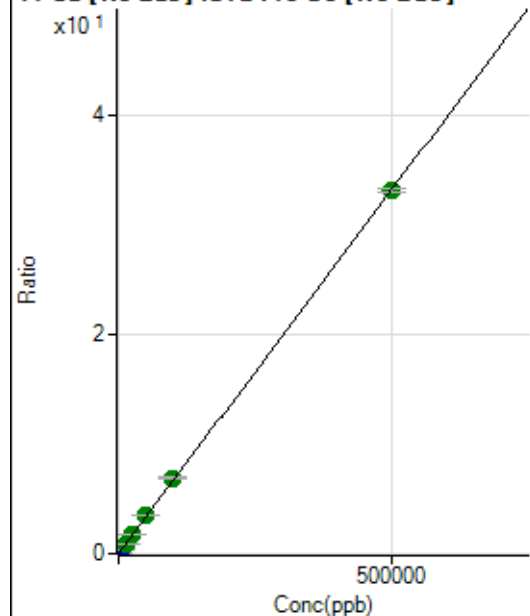
$$y = 4.0650E-006 * x + 2.3995E-005$$

$$R = 0.9999$$

$$DL = 0.301$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13845.80	0.0012	P	3.3
2	☐	500.000	495.227	402408.49	0.0341	P	0.9
3	☐	5000.000	5255.340	4081075.46	0.3499	P	1.7
4	☐	12500.000	13037.208	9559534.98	0.8661	A	0.2
5	☐	25000.000	26188.265	17321719.49	1.7386	A	0.9
6	☐	50000.000	52317.486	33817150.77	3.4722	A	0.5
7	☐	100000.00	104188.88	67051275.15	6.9136	A	0.9
8	☐	500000.00	498855.08	313666290.3	33.0976	A	1.1

$$y = 6.6345E-005 * x + 0.0012$$

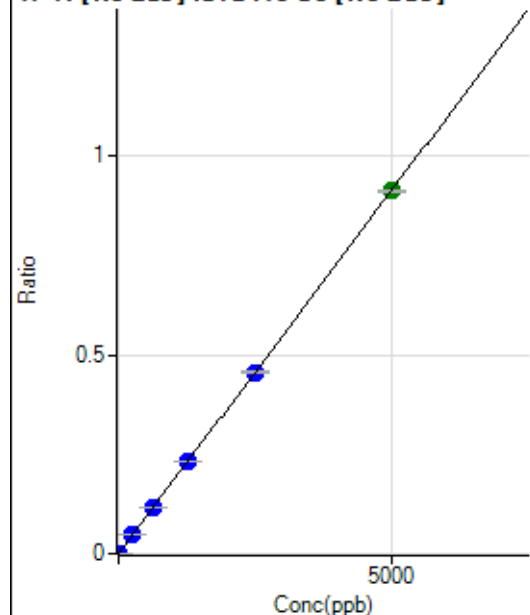
$$R = 1.0000$$

$$DL = 1.772$$

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	111.12	0.0000	P	28.7
2	☐	5.000	5.137	11213.09	0.0009	P	1.5
3	☐	250.000	255.400	544753.54	0.0467	P	1.1
4	☐	625.000	638.070	1287542.74	0.1167	P	0.9
5	☐	1250.000	1267.995	2309686.57	0.2318	P	0.9
6	☐	2500.000	2494.202	4441039.33	0.4560	P	0.7
7	☐	5000.000	4996.496	8859158.79	0.9134	A	0.8
8	☐			2780.94	0.0003	P	3.4

$$y = 1.8281E-004 * x + 9.6040E-006$$

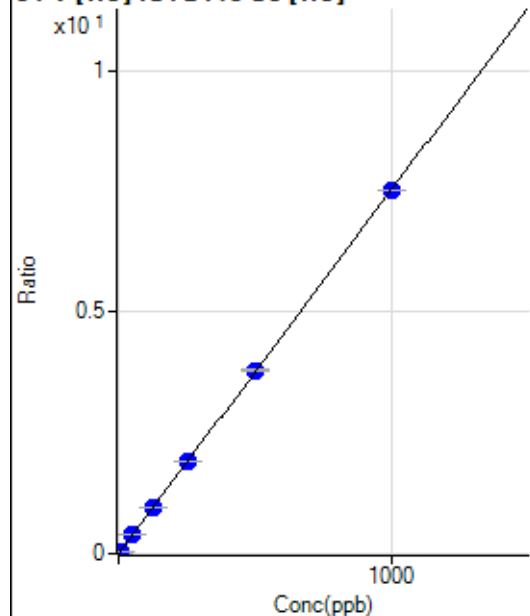
$$R = 1.0000$$

$$DL = 0.0452$$

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	6.67	0.0000	P	0.4
2	☐	5.000	5.181	15778.65	0.0391	P	1.6
3	☐	50.000	50.856	150053.48	0.3833	P	0.3
4	☐	125.000	127.483	361334.36	0.9608	P	0.7
5	☐	250.000	253.401	639810.15	1.9098	P	0.3
6	☐	500.000	503.863	1235918.72	3.7974	P	0.7
7	☐	1000.000	996.864	2406635.43	7.5128	P	0.1
8	☐			973.38	0.0028	P	4.8

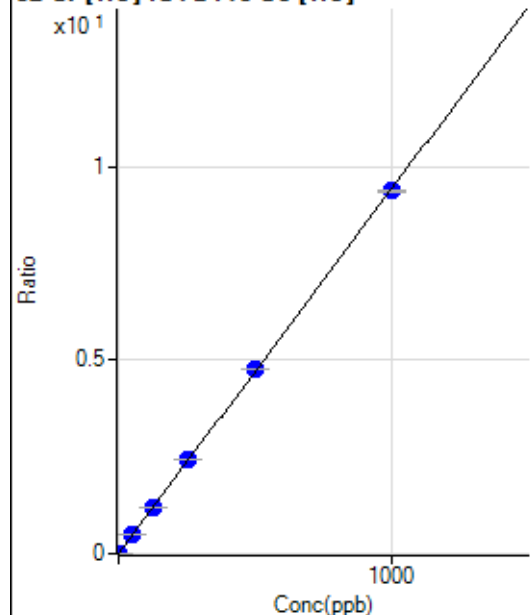
$$y = 0.0075 * x + 1.6516E-005$$

$$R = 1.0000$$

$$DL = 2.461E-05$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1200.07	0.0030	P	2.8
2	☐	2.000	1.983	8739.38	0.0216	P	2.4
3	☐	50.000	51.635	191453.53	0.4890	P	0.4
4	☐	125.000	128.685	456697.30	1.2143	P	0.2
5	☐	250.000	256.590	810205.77	2.4183	P	0.3
6	☐	500.000	505.594	1549935.38	4.7623	P	0.6
7	☐	1000.000	995.013	3001361.62	9.3693	P	0.4
8	☐			87002.61	0.2487	P	0.7

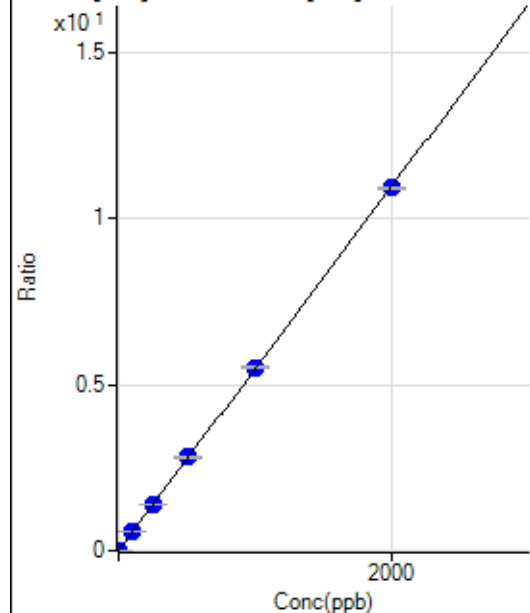
$$y = 0.0094 * x + 0.0030$$

$$R = 1.0000$$

$$DL = 0.02667$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	37.78	0.0001	P	13.1
2	☐	1.000	0.980	2209.09	0.0055	P	3.0
3	☐	100.000	101.952	219028.26	0.5595	P	0.6
4	☐	250.000	254.073	524287.29	1.3941	P	0.7
5	☐	500.000	513.070	943142.80	2.8152	P	0.4
6	☐	1000.000	1006.777	1797847.61	5.5240	P	0.8
7	☐	2000.000	1992.738	3502436.68	10.9336	P	0.4
8	☐			15370.43	0.0439	P	0.5

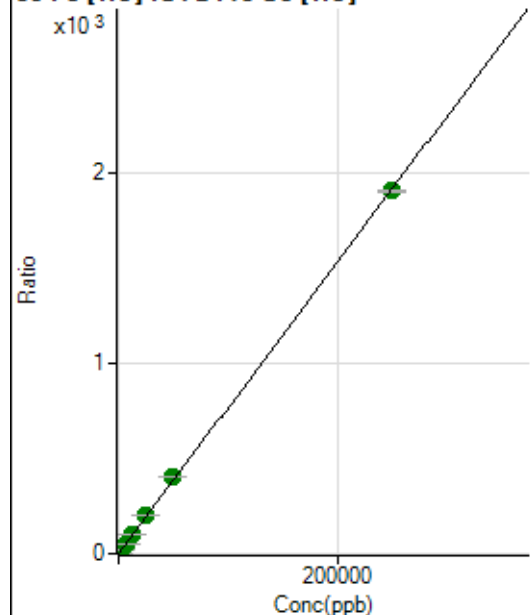
$$y = 0.0055 * x + 9.3511E-005$$

$$R = 1.0000$$

$$DL = 0.006706$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3670.93	0.0091	P	1.1
2	☐	50.000	54.899	173385.06	0.4292	P	1.4
3	☐	2500.000	2690.591	8065232.64	20.6011	A	0.2
4	☐	6250.000	6721.636	19350207.61	51.4522	A	0.5
5	☐	12500.000	13526.929	34686227.16	103.5355	A	0.8
6	☐	25000.000	26615.622	66299951.95	203.7080	A	0.5
7	☐	50000.000	52546.604	128828221.4	402.1671	A	0.2
8	☐	250000.00	249264.07	667293044.5	1,907.716	A	0.6

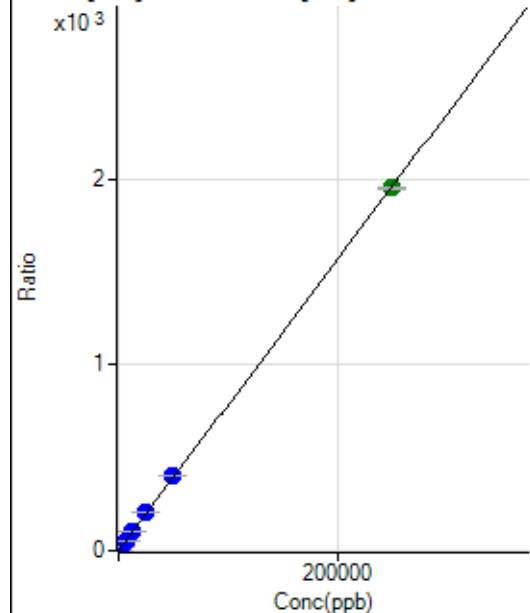
$$y = 0.0077 * x + 0.0091$$

$$R = 0.9999$$

$$DL = 0.0377$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3857.24	0.0096	P	0.4
2	☐	50.000	54.362	175823.15	0.4353	P	1.5
3	☐	2500.000	2623.473	8047261.07	20.5552	P	0.2
4	☐	6250.000	6553.584	19305689.37	51.3338	P	0.5
5	☐	12500.000	13188.974	34606897.06	103.2987	P	0.8
6	☐	25000.000	25950.712	66148332.11	203.2420	P	0.5
7	☐	50000.000	51227.056	128516219.7	401.1932	P	0.2
8	☐	250000.00	249616.24	683788239.0	1,954.873	A	0.6

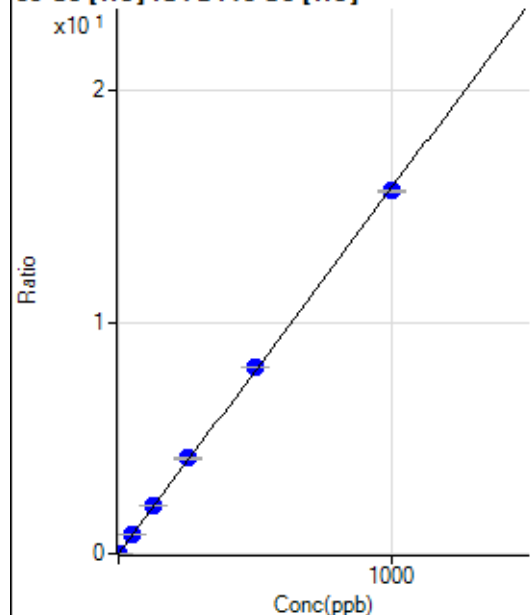
$$y = 0.0078 * x + 0.0096$$

$$R = 1.0000$$

$$DL = 0.0143$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	73.33	0.0002	P	19.4
2	☐	1.000	1.023	6598.25	0.0163	P	2.1
3	☐	50.000	52.513	324541.27	0.8290	P	0.8
4	☐	125.000	130.748	776172.95	2.0639	P	0.2
5	☐	250.000	260.611	1378136.96	4.1136	P	0.5
6	☐	500.000	508.815	2613890.29	8.0311	P	0.5
7	☐	1000.000	992.096	5016227.95	15.6591	P	0.4
8	☐			10064.69	0.0288	P	1.7

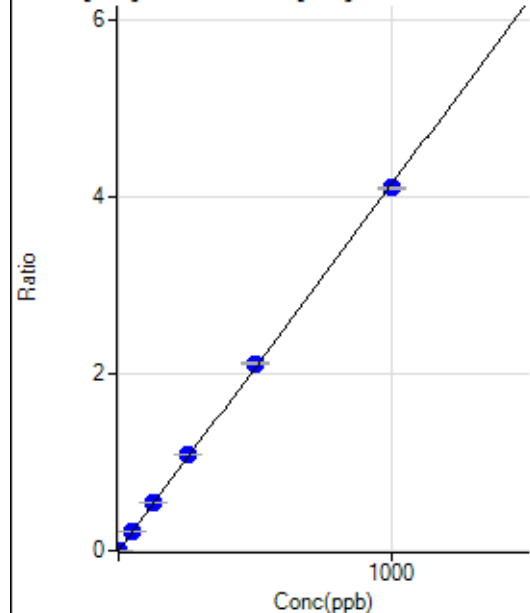
$$y = 0.0158 * x + 1.8149E-004$$

$$R = 0.9999$$

$$DL = 0.006695$$

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	61.11	0.0002	P	18.8
2	☐	1.000	1.132	1951.27	0.0048	P	6.1
3	☐	50.000	53.785	87099.02	0.2225	P	0.7
4	☐	125.000	131.675	204770.89	0.5445	P	0.9
5	☐	250.000	262.219	363205.93	1.0841	P	0.5
6	☐	500.000	510.686	687112.11	2.1112	P	0.5
7	☐	1000.000	990.578	1311774.85	4.0950	P	0.4
8	☐			26773.51	0.0765	P	1.5

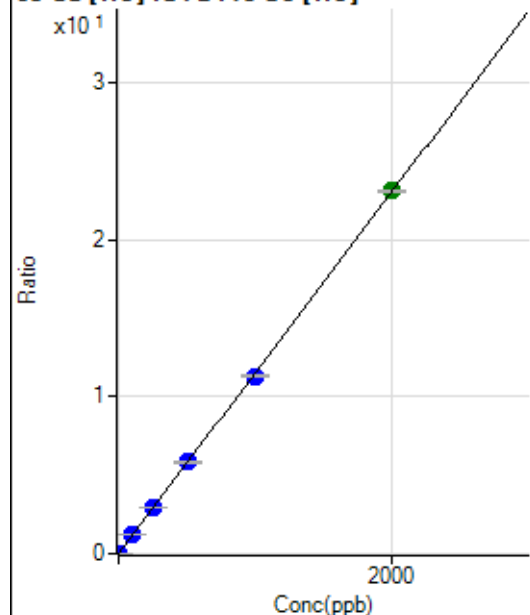
$$y = 0.0041 * x + 1.5125E-004$$

$$R = 0.9998$$

$$DL = 0.02062$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	712.25	0.0018	P	2.4
2	☐	2.000	1.994	9990.20	0.0247	P	1.1
3	☐	100.000	103.391	466890.06	1.1926	P	0.5
4	☐	250.000	254.786	1104210.10	2.9362	P	0.6
5	☐	500.000	505.370	1950641.24	5.8223	P	0.6
6	☐	1000.000	980.911	3677469.14	11.2993	P	0.7
7	☐	2000.000	2007.434	7406795.65	23.1221	A	0.4
8	☐			13944.58	0.0399	P	1.1

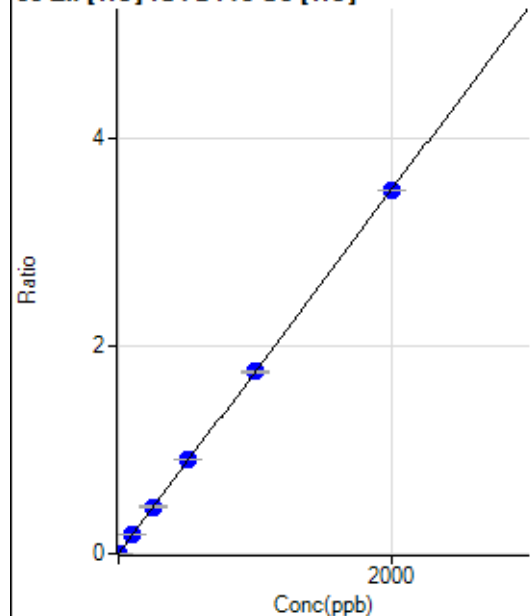
$$y = 0.0115 * x + 0.0018$$

$$R = 0.9999$$

$$DL = 0.01119$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	826.70	0.0020	P	6.0
2	☐	2.000	2.145	2340.22	0.0058	P	1.9
3	☐	100.000	104.178	72046.98	0.1840	P	0.4
4	☐	250.000	257.927	170219.55	0.4526	P	0.3
5	☐	500.000	514.351	301705.37	0.9005	P	0.1
6	☐	1000.000	1001.724	570192.07	1.7519	P	0.7
7	☐	2000.000	1994.350	1116659.26	3.4859	P	0.1
8	☐			16054.56	0.0459	P	1.7

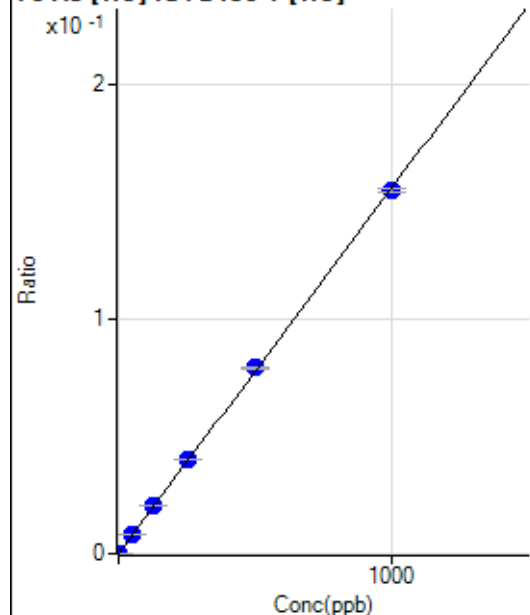
$$y = 0.0017 * x + 0.0020$$

$$R = 1.0000$$

$$DL = 0.2092$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7.41	0.0000	P	25.3
2	☐	1.000	1.030	404.95	0.0002	P	5.0
3	☐	50.000	53.405	20131.30	0.0083	P	1.3
4	☐	125.000	131.847	48284.16	0.0205	P	0.9
5	☐	250.000	257.872	85565.16	0.0402	P	0.6
6	☐	500.000	507.986	164123.98	0.0791	P	0.9
7	☐	1000.000	993.013	315317.64	0.1547	P	1.2
8	☐			190.75	0.0001	P	15.8

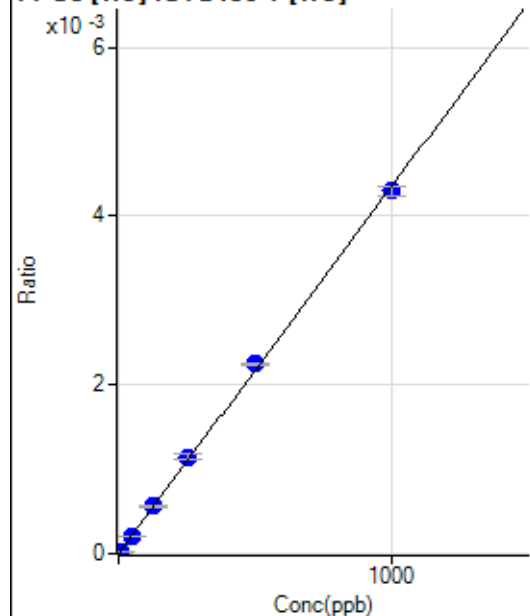
$$y = 1.5578\text{E-}004 * x + 3.0089\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.01467$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.2
2	☐	5.000	5.771	63.33	0.0000	P	9.9
3	☐	50.000	47.197	497.80	0.0002	P	7.7
4	☐	125.000	128.712	1316.75	0.0006	P	3.9
5	☐	250.000	262.497	2432.47	0.0011	P	6.1
6	☐	500.000	516.412	4659.70	0.0022	P	1.8
7	☐	1000.000	988.342	8763.89	0.0043	P	2.9
8	☐			11.11	0.0000	P	34.3

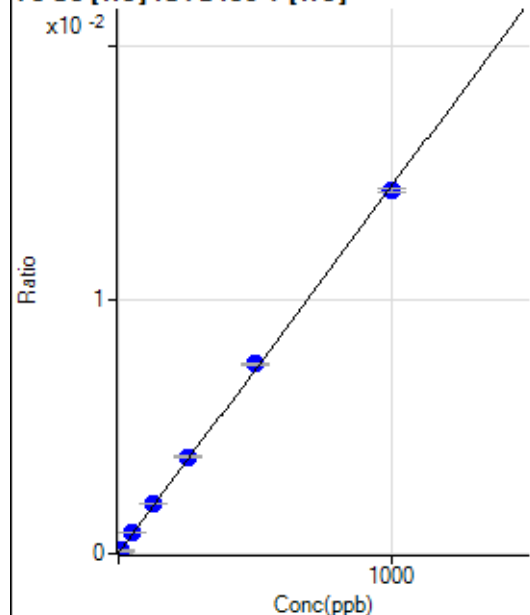
$$y = 4.3500\text{E-}006 * x + 4.5042\text{E-}007$$

$$R = 0.9997$$

$$DL = 0.538$$

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	64.82	0.0000	P	21.9
2	☐	5.000	6.076	282.72	0.0001	P	12.2
3	☐	50.000	56.192	2026.70	0.0008	P	1.6
4	☐	125.000	135.677	4668.69	0.0020	P	1.8
5	☐	250.000	262.681	8136.91	0.0038	P	1.4
6	☐	500.000	514.933	15479.94	0.0075	P	1.4
7	☐	1000.000	987.714	29137.32	0.0143	P	1.2
8	☐			75.93	0.0000	P	15.8

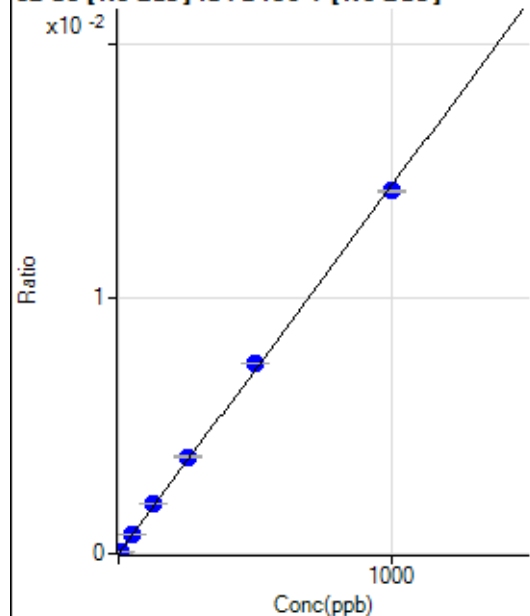
$$y = 1.4444\text{E-}005 * x + 2.6316\text{E-}005$$

$$R = 0.9997$$

$$DL = 1.194$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-41.53	0.0000	P	-156.
2	☐	5.000	6.006	1860.80	0.0001	P	2.4
3	☐	50.000	54.059	17205.89	0.0008	P	0.4
4	☐	125.000	136.607	41625.01	0.0020	P	0.3
5	☐	250.000	264.014	74833.05	0.0038	P	0.8
6	☐	500.000	516.754	143963.06	0.0075	P	0.2
7	☐	1000.000	986.460	273133.45	0.0142	P	0.5
8	☐			264.29	0.0000	P	27.9

$$y = 1.4430\text{E-}005 * x - 1.9320\text{E-}006$$

$$R = 0.9997$$

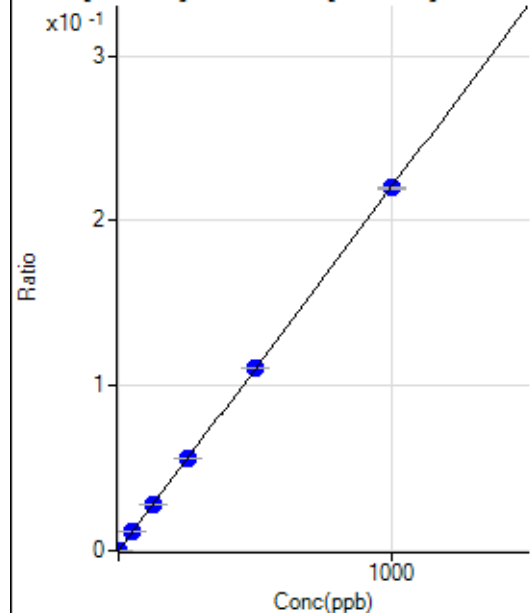
$$DL = 0.6282$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			774.48		P	2.8
2	☐			771.15		P	6.1
3	☐			782.26		P	4.9
4	☐			722.25		P	2.7
5	☐			740.03		P	7.5
6	☐			683.36		P	5.6
7	☐			693.36		P	5.9
8	☐			704.47		P	7.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1163.98	0.0001	P	6.5
2	☐	1.000	1.000	6023.77	0.0003	P	1.0
3	☐	50.000	50.634	247898.77	0.0112	P	0.9
4	☐	125.000	126.783	591642.25	0.0280	P	0.5
5	☐	250.000	252.689	1095347.86	0.0557	P	0.2
6	☐	500.000	502.711	2140231.84	0.1108	P	0.2
7	☐	1000.000	997.718	4220133.60	0.2199	P	0.4
8	☐			9870.46	0.0005	P	3.1

$$y = 2.2036\text{E-}004 * x + 5.3930\text{E-}005$$

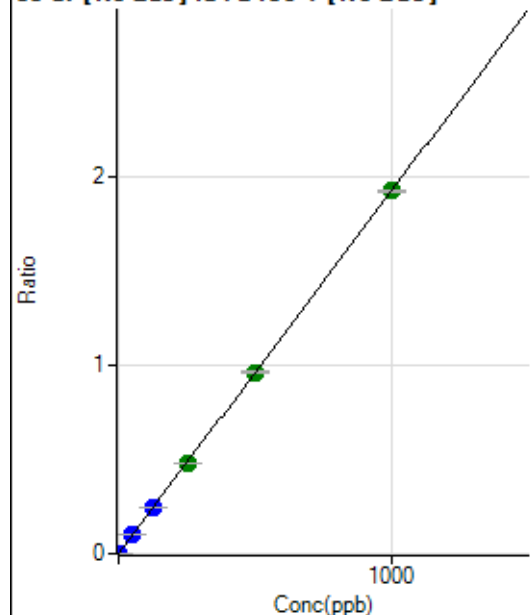
$$R = 1.0000$$

$$DL = 0.04797$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	94.45	0.0000	P	33.2
2	☐	1.000	0.968	40995.57	0.0019	P	1.0
3	☐	50.000	50.578	2152646.77	0.0974	P	0.2
4	☐	125.000	125.497	5105654.80	0.2416	P	0.5
5	☐	250.000	248.763	9409913.49	0.4788	A	0.4
6	☐	500.000	500.359	18597765.34	0.9631	A	0.9
7	☐	1000.000	1000.039	36938053.95	1.9248	A	0.4
8	☐			76270.17	0.0041	P	1.8

$$y = 0.0019 * x + 4.3737E-006$$

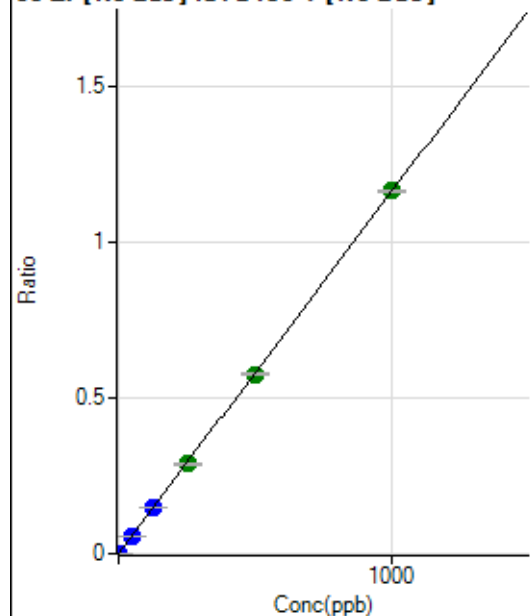
$$R = 1.0000$$

$$DL = 0.002265$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1047.30	0.0000	P	7.6
2	☐	1.000	0.764	20537.59	0.0009	P	4.9
3	☐	50.000	49.672	1276781.47	0.0577	P	0.5
4	☐	125.000	125.491	3081883.73	0.1458	P	0.6
5	☐	250.000	247.138	5642264.49	0.2871	A	0.8
6	☐	500.000	496.659	11140649.29	0.5769	A	0.7
7	☐	1000.000	1002.341	22342879.67	1.1643	A	0.7
8	☐			7393.88	0.0004	P	3.8

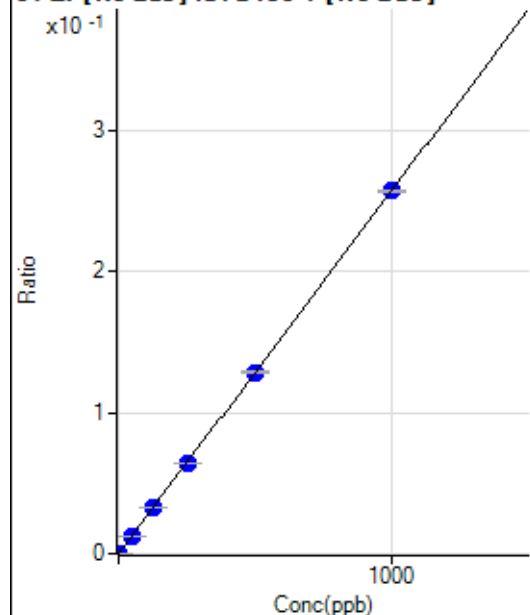
$$y = 0.0012 * x + 4.8536E-005$$

$$R = 1.0000$$

$$DL = 0.009558$$

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	197.23	0.0000	P	6.3
2	☐	1.000	0.746	4409.19	0.0002	P	7.2
3	☐	50.000	49.817	283144.19	0.0128	P	0.5
4	☐	125.000	125.697	682641.28	0.0323	P	0.6
5	☐	250.000	250.280	1263658.74	0.0643	P	0.5
6	☐	500.000	499.528	2477971.30	0.1283	P	0.7
7	☐	1000.000	1000.088	4930040.48	0.2569	P	0.5
8	☐			1672.39	0.0001	P	5.0

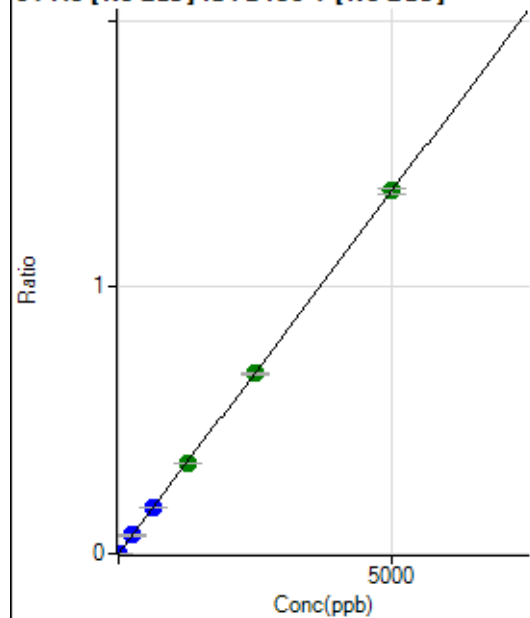
$$y = 2.5687\text{E-}004 * x + 9.1379\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.006705$$

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	358.36	0.0000	P	8.8
2	☐	5.000	4.738	28660.15	0.0013	P	0.6
3	☐	250.000	252.095	1516436.30	0.0686	P	0.6
4	☐	625.000	632.424	3635892.75	0.1720	P	0.1
5	☐	1250.000	1241.520	6636335.96	0.3377	A	0.2
6	☐	2500.000	2487.501	13064830.24	0.6766	A	0.6
7	☐	5000.000	5007.337	26134817.43	1.3619	A	1.3
8	☐			18009.26	0.0010	P	3.2

$$y = 2.7198\text{E-}004 * x + 1.6608\text{E-}005$$

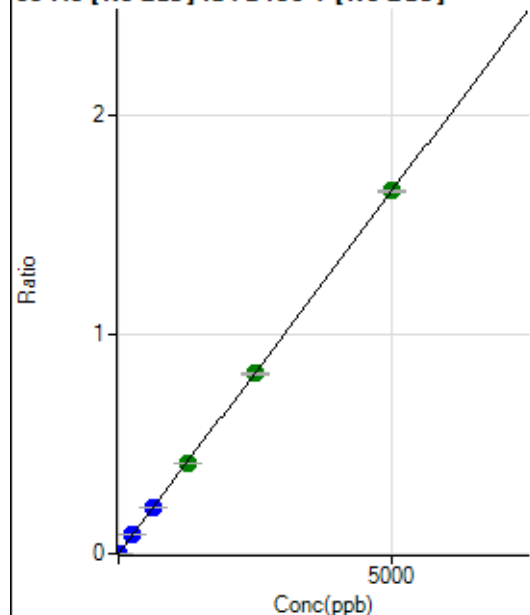
$$R = 1.0000$$

$$DL = 0.01609$$

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	72.23	0.0000	P	59.2
2	☐	5.000	5.191	37728.84	0.0017	P	0.6
3	☐	250.000	252.966	1848330.16	0.0836	P	0.5
4	☐	625.000	631.396	4409743.11	0.2086	P	0.1
5	☐	1250.000	1241.530	8062218.76	0.4102	A	0.6
6	☐	2500.000	2487.510	15872543.41	0.8219	A	0.8
7	☐	5000.000	5007.415	31752006.27	1.6546	A	0.9
8	☐			26942.99	0.0015	P	1.4

$$y = 3.3043\text{E-}004 * x + 3.3438\text{E-}006$$

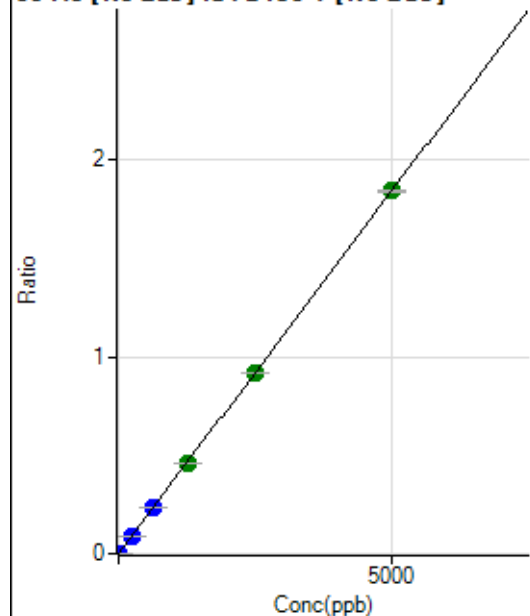
$$R = 1.0000$$

$$DL = 0.01797$$

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	144.45	0.0000	P	30.0
2	☐	5.000	5.082	41257.80	0.0019	P	0.4
3	☐	250.000	251.059	2045352.74	0.0925	P	0.3
4	☐	625.000	630.219	4907679.41	0.2322	P	0.9
5	☐	1250.000	1240.163	8979375.81	0.4569	A	0.4
6	☐	2500.000	2491.415	17725139.46	0.9179	A	0.5
7	☐	5000.000	5006.046	35392881.35	1.8443	A	0.7
8	☐			36241.71	0.0020	P	0.9

$$y = 3.6842\text{E-}004 * x + 6.6982\text{E-}006$$

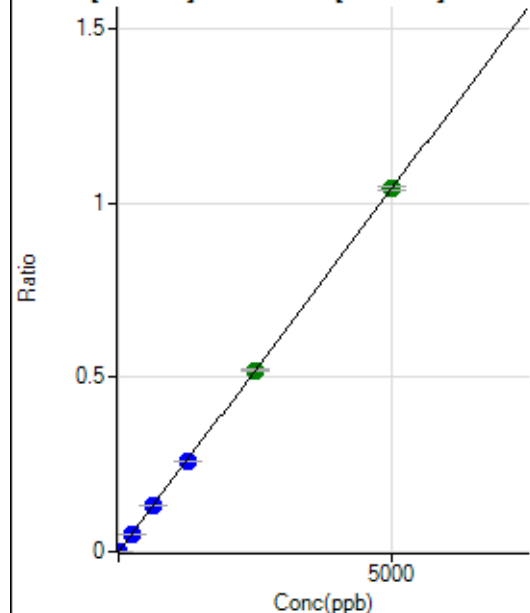
$$R = 1.0000$$

$$DL = 0.01635$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.67	0.0000	P	17.8
2	☐	5.000	5.217	23912.63	0.0011	P	0.3
3	☐	250.000	250.123	1150065.85	0.0520	P	0.9
4	☐	625.000	627.058	2755958.61	0.1304	P	0.4
5	☐	1250.000	1242.675	5078202.98	0.2584	P	0.4
6	☐	2500.000	2502.065	10046826.62	0.5203	A	1.1
7	☐	5000.000	5000.535	19953608.08	1.0398	A	1.2
8	☐			16710.38	0.0009	P	1.3

$$y = 2.0794\text{E-}004 * x + 4.2454\text{E-}006$$

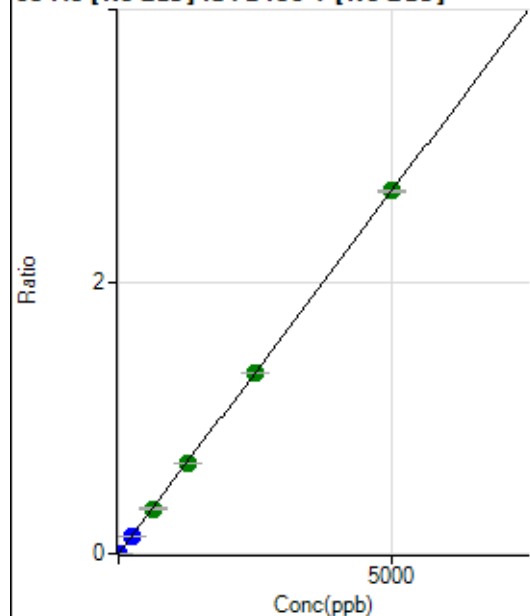
$$R = 1.0000$$

$$DL = 0.01089$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	133.34	0.0000	P	38.7
2	☐	5.000	5.108	59977.29	0.0027	P	1.4
3	☐	250.000	250.386	2954139.02	0.1336	P	0.6
4	☐	625.000	623.154	7027855.62	0.3325	A	0.5
5	☐	1250.000	1245.916	13065082.50	0.6648	A	0.6
6	☐	2500.000	2491.890	25676268.28	1.3296	A	0.3
7	☐	5000.000	5005.287	51252986.91	2.6707	A	0.8
8	☐			42043.72	0.0023	P	1.5

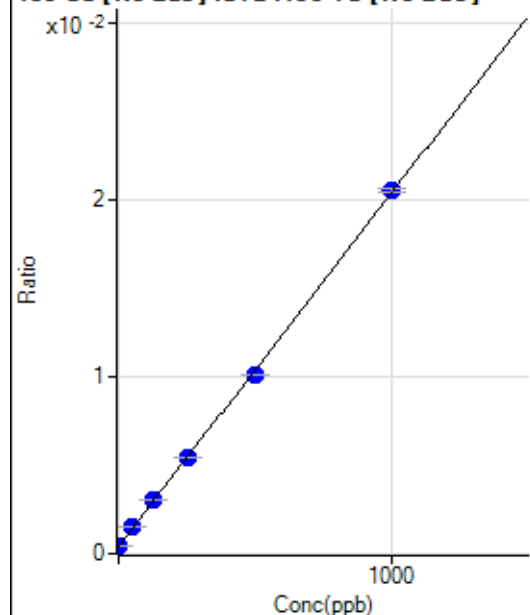
$$y = 5.3358\text{E-}004 * x + 6.1724\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.01344$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	9192.26	0.0004	P	1.8
2	☐	1.000	0.408	9523.04	0.0004	P	4.2
3	☐	50.000	54.817	34963.64	0.0015	P	2.2
4	☐	125.000	132.207	69122.42	0.0031	P	0.7
5	☐	250.000	253.007	119187.35	0.0055	P	0.3
6	☐	500.000	484.017	220090.65	0.0101	P	0.3
7	☐	1000.000	1006.099	441400.92	0.0205	P	1.0
8	☐			8052.61	0.0004	P	1.1

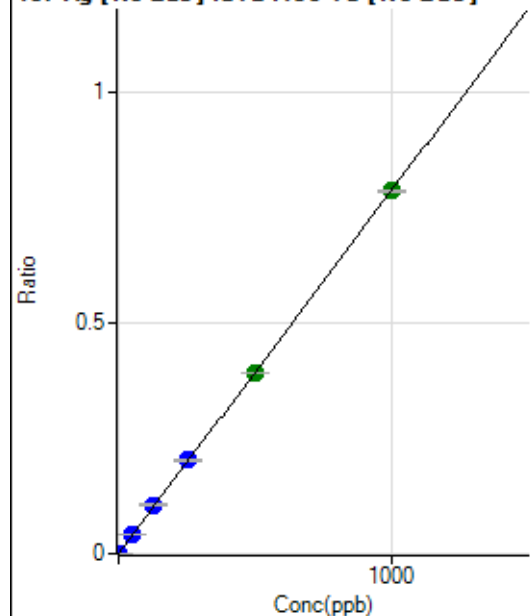
$$y = 1.9987E-005 * x + 4.1050E-004$$

$$R = 0.9998$$

$$DL = 1.106$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	211.12	0.0000	P	19.5
2	☐	1.000	1.168	21144.33	0.0009	P	0.5
3	☐	50.000	55.264	1010262.20	0.0435	P	0.7
4	☐	125.000	134.670	2400677.64	0.1060	P	1.0
5	☐	250.000	256.811	4407158.87	0.2022	P	0.6
6	☐	500.000	495.608	8514766.77	0.3901	A	0.1
7	☐	1000.000	999.021	16916929.02	0.7864	A	0.6
8	☐			2714.28	0.0001	P	3.8

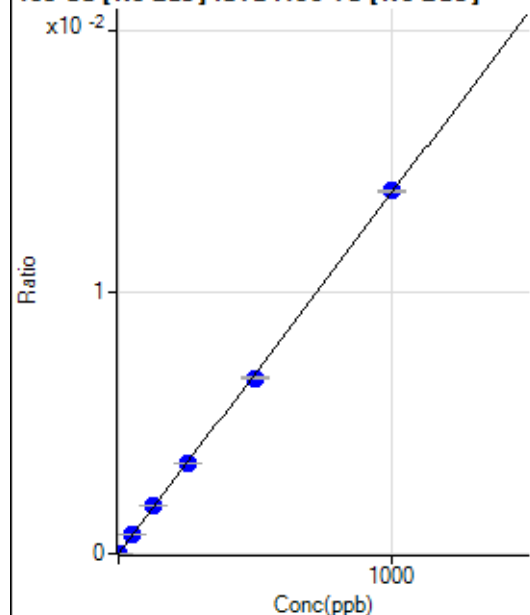
$$y = 7.8719E-004 * x + 9.4197E-006$$

$$R = 0.9999$$

$$DL = 0.006992$$

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	23.61	0.0000	P	56.3
2	☐	1.000	0.849	290.29	0.0000	P	14.8
3	☐	50.000	53.315	17111.96	0.0007	P	0.8
4	☐	125.000	133.070	41619.59	0.0018	P	1.0
5	☐	250.000	251.573	75731.76	0.0035	P	0.2
6	☐	500.000	485.642	146341.22	0.0067	P	1.2
7	☐	1000.000	1005.611	298633.57	0.0139	P	0.4
8	☐			116.67	0.0000	P	3.8

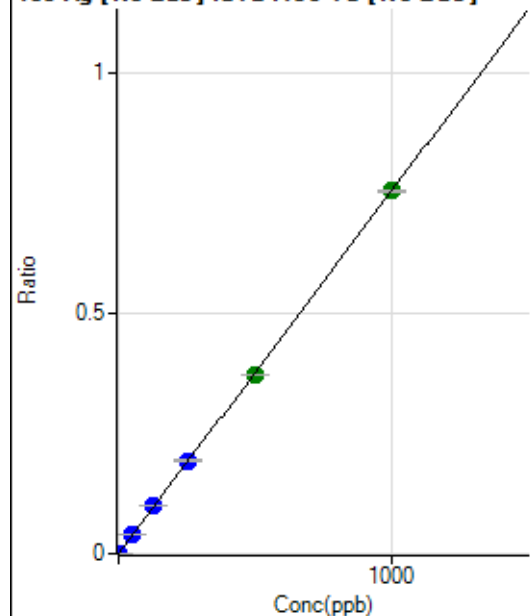
$$y = 1.3805\text{E-}005 * x + 1.0510\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.1287$$

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	119.45	0.0000	P	17.1
2	☐	1.000	1.148	19806.25	0.0009	P	2.3
3	☐	50.000	55.046	963132.64	0.0415	P	0.7
4	☐	125.000	134.508	2295049.92	0.1014	P	0.3
5	☐	250.000	256.636	4215811.16	0.1934	P	0.7
6	☐	500.000	493.116	8109576.83	0.3716	A	0.3
7	☐	1000.000	1000.342	16214792.55	0.7538	A	0.6
8	☐			2489.21	0.0001	P	3.9

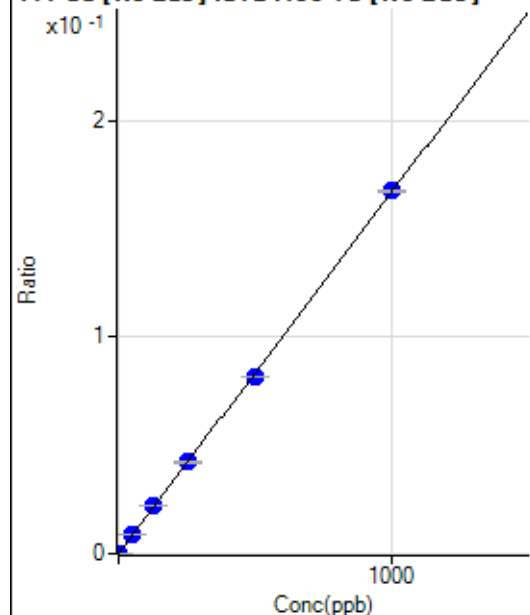
$$y = 7.5353\text{E-}004 * x + 5.3405\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.003638$$

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	1841.37	0.0001	P	1.2
2	☐	1.000	1.045	5829.87	0.0003	P	3.3
3	☐	50.000	53.769	209835.18	0.0090	P	0.9
4	☐	125.000	130.556	494226.55	0.0218	P	0.6
5	☐	250.000	252.686	919330.25	0.0422	P	0.6
6	☐	500.000	488.620	1777965.02	0.0815	P	0.4
7	☐	1000.000	1004.136	3599372.58	0.1673	P	0.4
8	☐			2274.72	0.0001	P	3.8

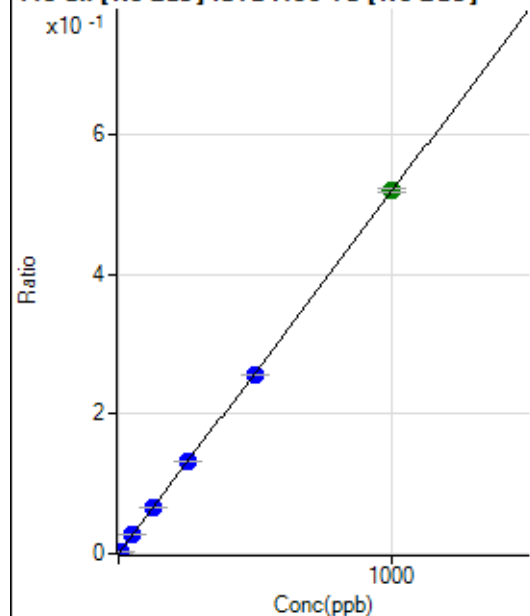
$$y = 1.6656E-004 * x + 8.2234E-005$$

$$R = 0.9999$$

$$DL = 0.01728$$

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	997.30	0.0000	P	5.0
2	☐	5.000	5.307	63670.18	0.0028	P	2.2
3	☐	50.000	52.262	630567.86	0.0272	P	0.5
4	☐	125.000	129.611	1523682.95	0.0673	P	0.3
5	☐	250.000	253.458	2867717.62	0.1315	P	0.5
6	☐	500.000	493.599	5590296.35	0.2561	P	0.4
7	☐	1000.000	1001.645	11179906.07	0.5197	A	1.0
8	☐			7910.94	0.0004	P	4.6

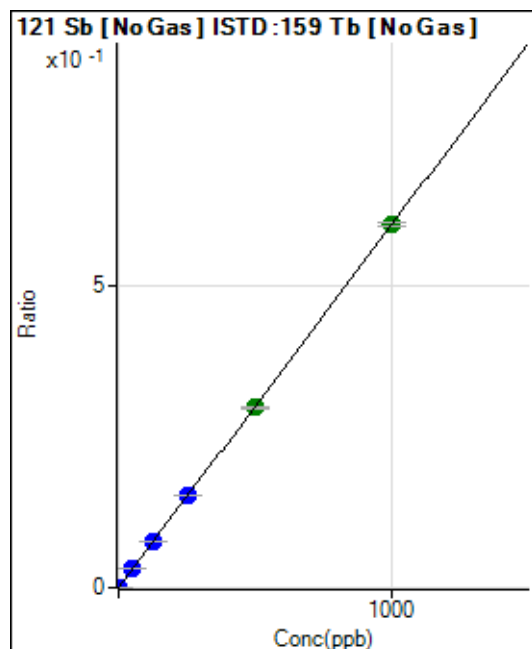
$$y = 5.1884E-004 * x + 4.4528E-005$$

$$R = 1.0000$$

$$DL = 0.01294$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	32.6
2	☐	2.000	2.006	27578.00	0.0012	P	1.3
3	☐	50.000	51.607	722052.04	0.0311	P	0.6
4	☐	125.000	129.358	1764941.12	0.0779	P	0.2
5	☐	250.000	252.515	3317064.35	0.1522	P	0.4
6	☐	500.000	497.499	6542331.01	0.2998	A	0.9
7	☐	1000.000	999.997	12961754.19	0.6026	A	0.9
8	☐			13245.64	0.0007	P	4.7

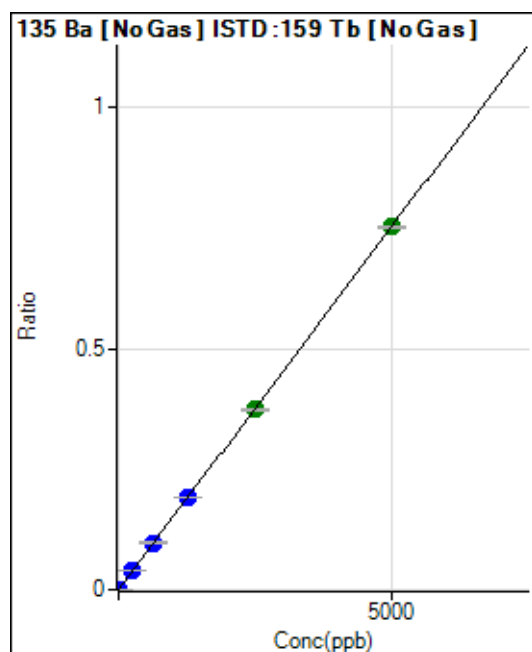
$$y = 6.0257\text{E-}004 * x + 2.9746\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.004833$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	16.7
2	☐	10.000	10.461	35822.09	0.0016	P	1.5
3	☐	250.000	260.666	910220.42	0.0392	P	0.7
4	☐	625.000	647.690	2205554.37	0.0974	P	0.5
5	☐	1250.000	1269.302	4161651.26	0.1909	P	0.6
6	☐	2500.000	2485.540	8158064.85	0.3738	A	0.8
7	☐	5000.000	4999.034	16172034.56	0.7518	A	0.5
8	☐			3370.02	0.0002	P	2.9

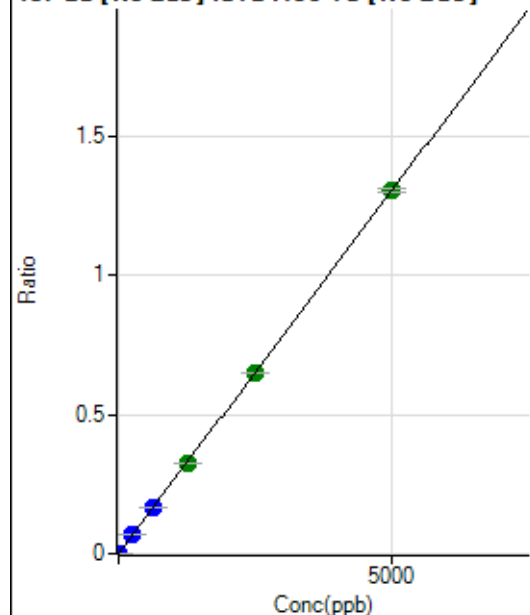
$$y = 1.5039\text{E-}004 * x + 1.2398\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.004122$$

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	58.33	0.0000	P	25.8
2	☐	10.000	10.312	61168.88	0.0027	P	0.3
3	☐	250.000	261.059	1578547.69	0.0680	P	0.4
4	☐	625.000	645.834	3808519.75	0.1682	P	0.6
5	☐	1250.000	1251.368	7104524.46	0.3259	A	0.6
6	☐	2500.000	2490.823	14157178.44	0.6487	A	0.5
7	☐	5000.000	5001.089	28017094.38	1.3024	A	1.1
8	☐			5662.52	0.0003	P	0.0

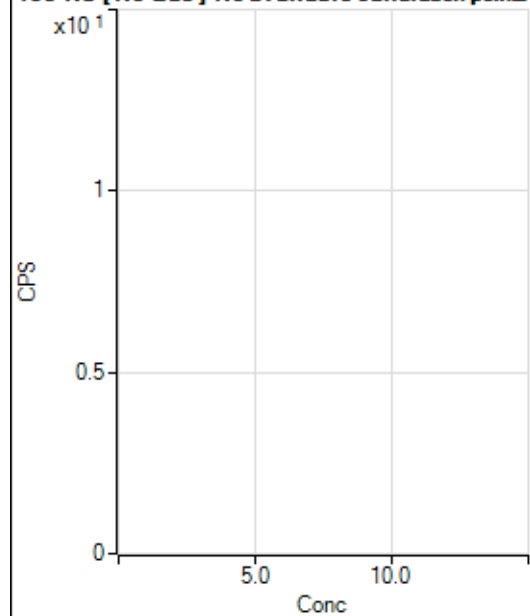
$$y = 2.6043E-004 * x + 2.6094E-006$$

$$R = 1.0000$$

$$DL = 0.007745$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			4.44		P	173.2
2	☐			13.33		P	100.0
3	☐			108.89		P	31.4
4	☐			188.90		P	20.7
5	☐			377.80		P	3.7
6	☐			624.48		P	4.4
7	☐			1409.01		P	15.4
8	☐			166.67		P	16.0

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	34.7
2	☐			6.67		P	50.0
3	☐			5.56		P	34.7
4	☐			21.11		P	50.8
5	☐			31.11		P	6.2
6	☐			55.56		P	3.5
7	☐			80.00		P	26.0
8	☐			54.45		P	28.9

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.33		P	0.0
2	☐			27.78		P	91.7
3	☐			44.45		P	10.8
4	☐			55.56		P	17.3
5	☐			111.12		P	37.0
6	☐			169.45		P	18.6
7	☐			311.13		P	17.8
8	☐			669.49		P	10.6

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.33		P	30.0
2	☐			33.33		P	52.0
3	☐			31.11		P	40.6
4	☐			68.89		P	31.5
5	☐			78.89		P	2.4
6	☐			142.23		P	11.1
7	☐			265.56		P	13.8
8	☐			285.56		P	12.9

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			133.34		P	10.8
2	☐			147.23		P	19.9
3	☐			172.23		P	11.2
4	☐			172.23		P	10.1
5	☐			119.45		P	8.1
6	☐			175.01		P	14.3
7	☐			216.68		P	24.0
8	☐			641.71		P	10.4

160 Gd [He] No available calibration points

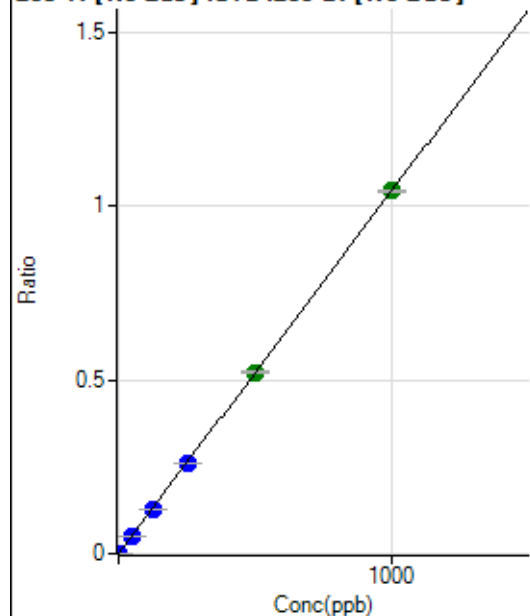
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			265.56		P	4.8
2	☐			303.34		P	9.0
3	☐			305.56		P	16.5
4	☐			280.01		P	12.6
5	☐			283.34		P	5.9
6	☐			280.01		P	14.0
7	☐			250.01		P	6.9
8	☐			578.91		P	11.8

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			105.56		P	4.6
2	☐			141.67		P	10.2
3	☐			108.34		P	46.8
4	☐			108.34		P	20.4
5	☐			144.45		P	38.4
6	☐			116.67		P	21.4
7	☐			127.78		P	24.7
8	☐			163.90		P	29.4

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			63.33		P	42.1
2	☐			78.89		P	19.1
3	☐			83.34		P	8.0
4	☐			75.56		P	45.3
5	☐			66.67		P	8.7
6	☐			70.00		P	31.2
7	☐			81.11		P	6.3
8	☐			85.55		P	27.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	600.04	0.0000	P	5.4
2	☐	1.000	0.910	13955.12	0.0010	P	0.7
3	☐	50.000	48.944	727017.95	0.0511	P	1.0
4	☐	125.000	123.320	1779837.82	0.1287	P	1.3
5	☐	250.000	248.154	3434088.31	0.2590	P	0.3
6	☐	500.000	500.247	6909286.27	0.5221	A	0.6
7	☐	1000.000	1000.601	13381090.23	1.0443	A	0.5
8	☐			6079.46	0.0006	P	3.2

$$y = 0.0010 * x + 4.3542E-005$$

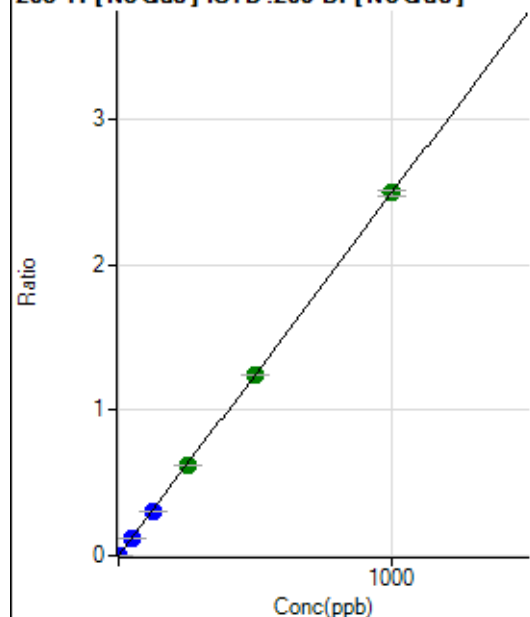
$$R = 1.0000$$

$$DL = 0.006727$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1022.30	0.0001	P	7.1
2	☐	1.000	0.937	33846.73	0.0024	P	0.9
3	☐	50.000	49.250	1745914.84	0.1228	P	0.8
4	☐	125.000	124.009	4272016.20	0.3090	P	0.6
5	☐	250.000	247.570	8178046.19	0.6168	A	0.1
6	☐	500.000	499.238	16459605.92	1.2438	A	0.8
7	☐	1000.000	1001.150	31957802.10	2.4942	A	1.3
8	☐			14030.27	0.0013	P	3.5

$$y = 0.0025 * x + 7.4222E-005$$

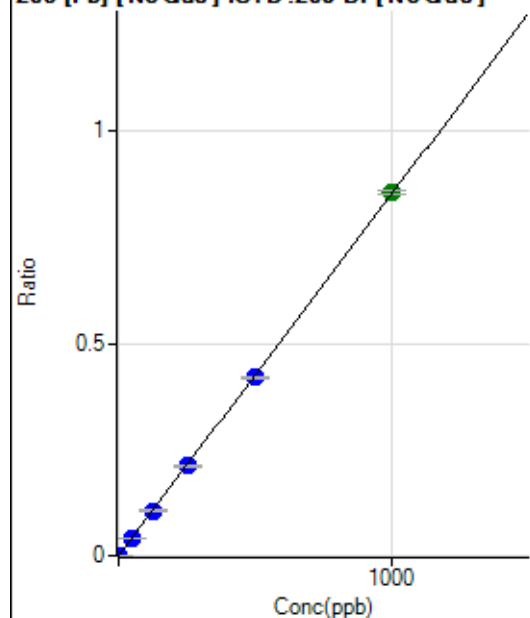
$$R = 1.0000$$

$$DL = 0.006374$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1464.94	0.0001	P	5.9
2	☐	1.000	0.932	12652.64	0.0009	P	0.3
3	☐	50.000	49.382	599602.60	0.0422	P	1.3
4	☐	125.000	124.599	1468473.51	0.1062	P	1.2
5	☐	250.000	247.887	2800507.00	0.2112	P	0.7
6	☐	500.000	493.672	5565347.75	0.4205	P	0.9
7	☐	1000.000	1003.773	10955430.69	0.8550	A	1.2
8	☐			35275.18	0.0032	P	1.2

$$y = 8.5166E-004 * x + 1.0636E-004$$

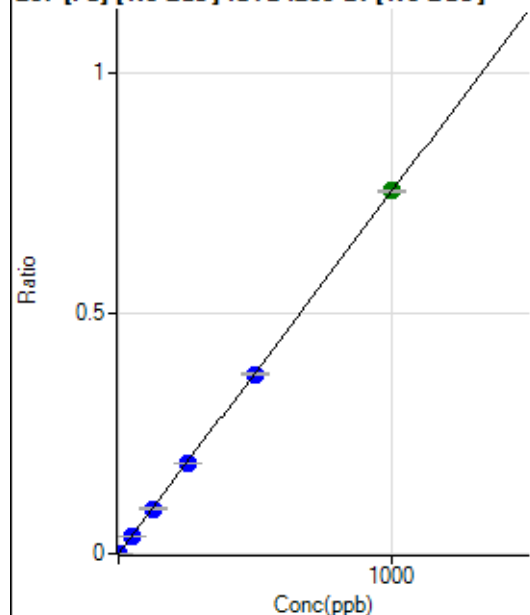
$$R = 1.0000$$

$$DL = 0.02203$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1294.55	0.0001	P	6.2
2	☐	1.000	0.938	11268.08	0.0008	P	4.4
3	☐	50.000	49.124	528408.85	0.0372	P	1.0
4	☐	125.000	124.190	1296614.02	0.0938	P	1.8
5	☐	250.000	249.518	2497140.42	0.1883	P	0.4
6	☐	500.000	496.402	4957542.53	0.3746	P	0.6
7	☐	1000.000	1002.065	9689086.33	0.7561	A	0.4
8	☐			32135.80	0.0029	P	2.3

$$y = 7.5446\text{E-}004 * x + 9.3993\text{E-}005$$

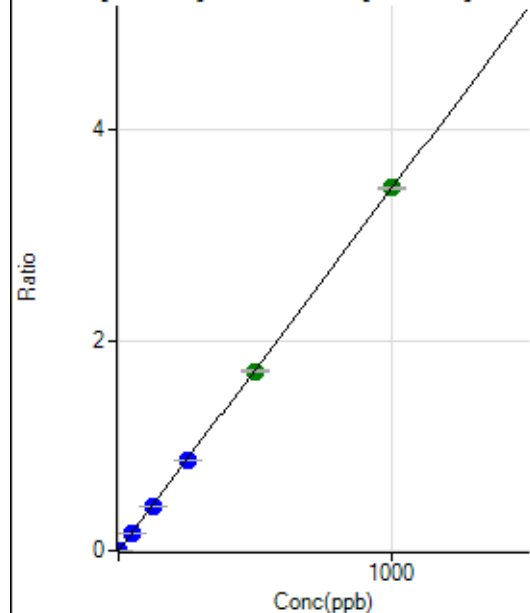
$$R = 1.0000$$

$$DL = 0.0231$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5311.67	0.0004	P	3.2
2	☐	1.000	0.937	50707.50	0.0036	P	1.6
3	☐	50.000	49.055	2406317.51	0.1692	P	1.3
4	☐	125.000	123.888	5899445.79	0.4267	P	1.2
5	☐	250.000	247.951	11318420.88	0.8537	P	0.3
6	☐	500.000	496.223	22604322.38	1.7081	A	0.5
7	☐	1000.000	1002.587	44218074.25	3.4507	A	0.5
8	☐			144394.52	0.0131	P	1.0

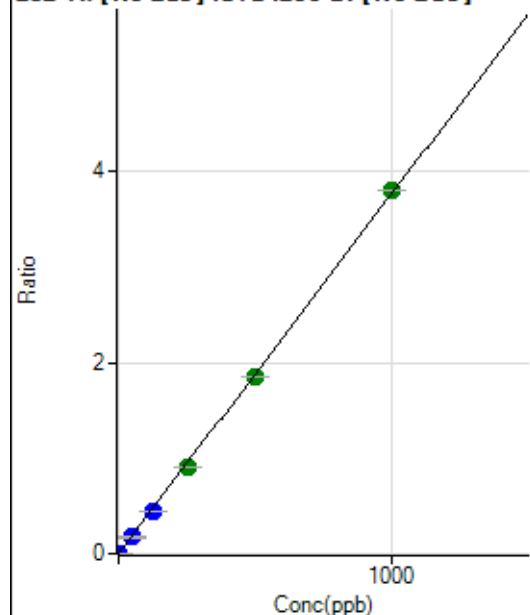
$$y = 0.0034 * x + 3.8560\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.01069$$

Weight: <None>

Min Conc: 0

²³²Th [No Gas] ISTD :²⁰⁹Bi [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2018.74	0.0001	P	4.4
2	☐	1.000	0.679	38005.63	0.0027	P	2.9
3	☐	50.000	45.432	2435432.93	0.1713	P	0.5
4	☐	125.000	117.245	6106490.93	0.4417	P	1.2
5	☐	250.000	238.715	11921608.02	0.8992	A	0.3
6	☐	500.000	490.758	24461769.30	1.8484	A	0.3
7	☐	1000.000	1008.640	48678921.00	3.7988	A	0.2
8	☐			11731.50	0.0011	P	4.4

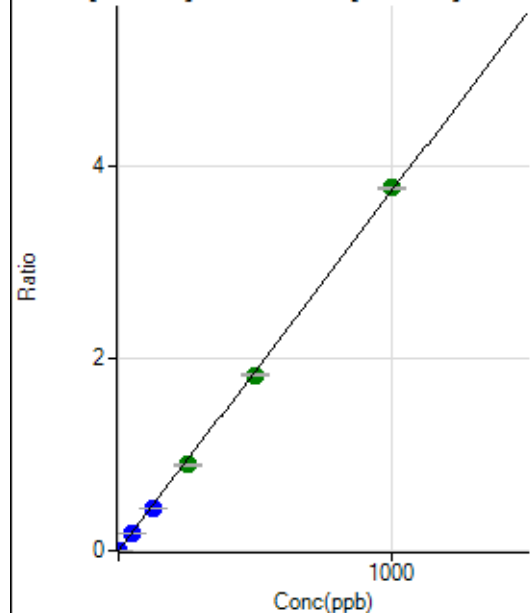
$$y = 0.0038 * x + 1.4656E-004$$

$$R = 0.9999$$

$$DL = 0.005128$$

Weight: <None>

Min Conc: 0

²³⁸U [No Gas] ISTD :²⁰⁹Bi [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2228.09	0.0002	P	5.3
2	☐	1.000	0.864	47629.75	0.0034	P	0.9
3	☐	50.000	46.104	2453443.46	0.1725	P	1.4
4	☐	125.000	117.278	6063700.35	0.4386	P	1.0
5	☐	250.000	238.925	11844350.44	0.8934	A	1.0
6	☐	500.000	487.652	24127450.54	1.8232	A	1.0
7	☐	1000.000	1010.103	48390398.30	3.7764	A	0.5
8	☐			8333.57	0.0008	P	5.0

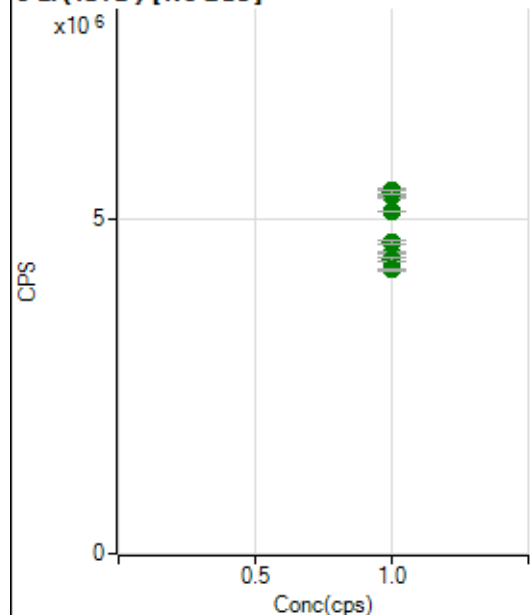
$$y = 0.0037 * x + 1.6168E-004$$

$$R = 0.9998$$

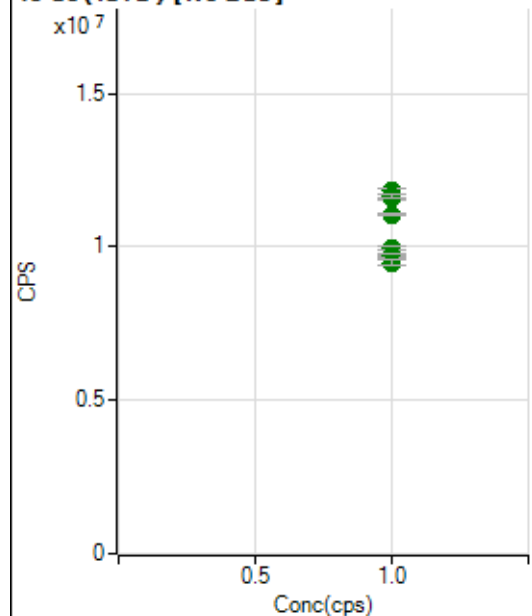
$$DL = 0.006872$$

Weight: <None>

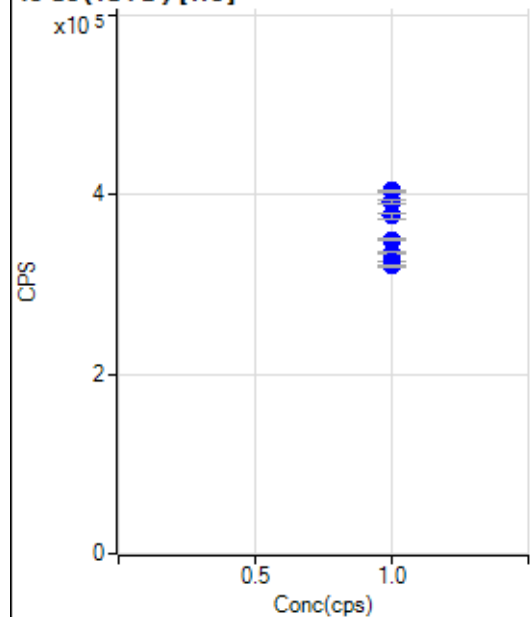
Min Conc: 0

6 Li (ISTD) [No Gas]

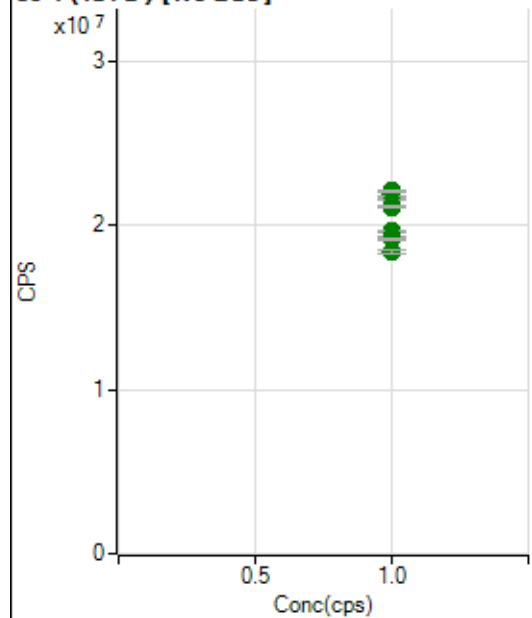
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5330417.42		A	0.4
2	☐	1.000		5417668.95		A	1.2
3	☐	1.000		5409526.73		A	1.0
4	☐	1.000		5119178.47		A	0.2
5	☐	1.000		4657448.20		A	1.3
6	☐	1.000		4489658.20		A	1.0
7	☐	1.000		4392104.31		A	1.2
8	☐	1.000		4240953.58		A	0.9

45 Sc (ISTD) [No Gas]

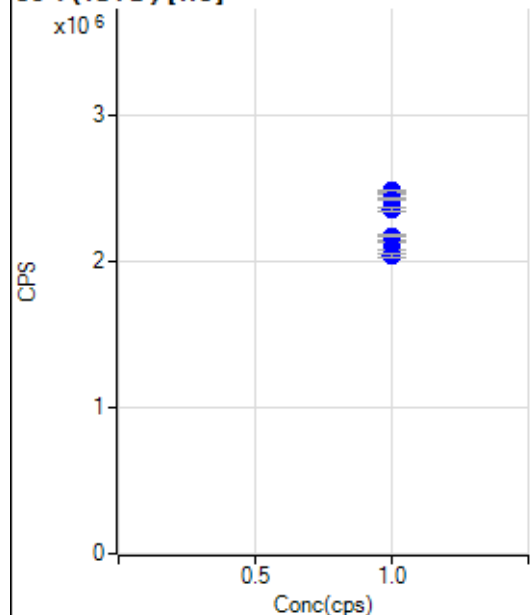
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11577379.86		A	0.4
2	☐	1.000		11818490.72		A	1.4
3	☐	1.000		11665598.70		A	0.9
4	☐	1.000		11036939.13		A	0.5
5	☐	1.000		9963379.74		A	1.3
6	☐	1.000		9739594.49		A	0.4
7	☐	1.000		9698914.71		A	1.2
8	☐	1.000		9478153.77		A	2.0

45 Sc (ISTD) [He]

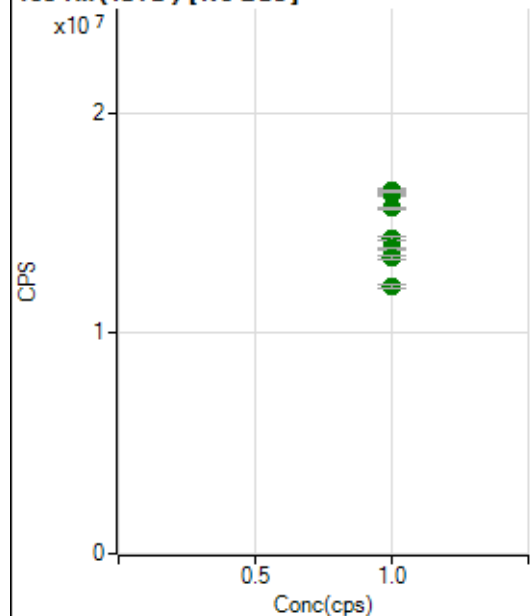
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		403860.73		P	0.4
2	☐	1.000		403957.42		P	0.8
3	☐	1.000		391490.97		P	0.9
4	☐	1.000		376086.82		P	1.8
5	☐	1.000		335024.39		P	0.5
6	☐	1.000		325466.77		P	0.6
7	☐	1.000		320336.51		P	0.4
8	☐	1.000		349788.38		P	0.6

89 Y (ISTD) [No Gas]

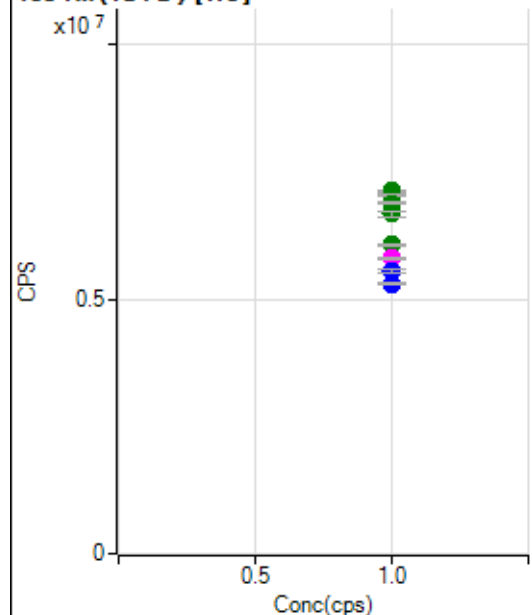
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		21582219.40		A	0.4
2	☐	1.000		21955522.17		A	1.0
3	☐	1.000		22111216.06		A	0.7
4	☐	1.000		21136075.66		A	0.5
5	☐	1.000		19652384.57		A	0.7
6	☐	1.000		19310652.35		A	0.6
7	☐	1.000		19190354.02		A	0.7
8	☐	1.000		18420065.28		A	1.1

89 Y(ISTD) [He]

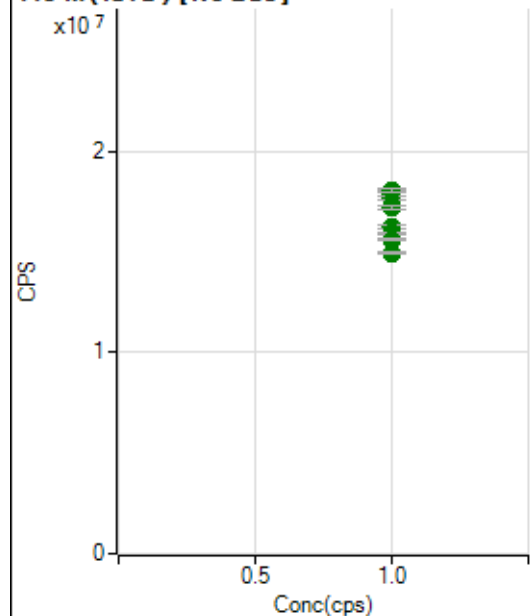
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2463929.25		P	0.5
2	☐	1.000		2477185.56		P	0.7
3	☐	1.000		2418811.99		P	0.7
4	☐	1.000		2350393.78		P	1.6
5	☐	1.000		2129905.38		P	0.8
6	☐	1.000		2073982.05		P	0.6
7	☐	1.000		2038509.38		P	1.1
8	☐	1.000		2169269.81		P	0.8

103 Rh(ISTD) [No Gas]

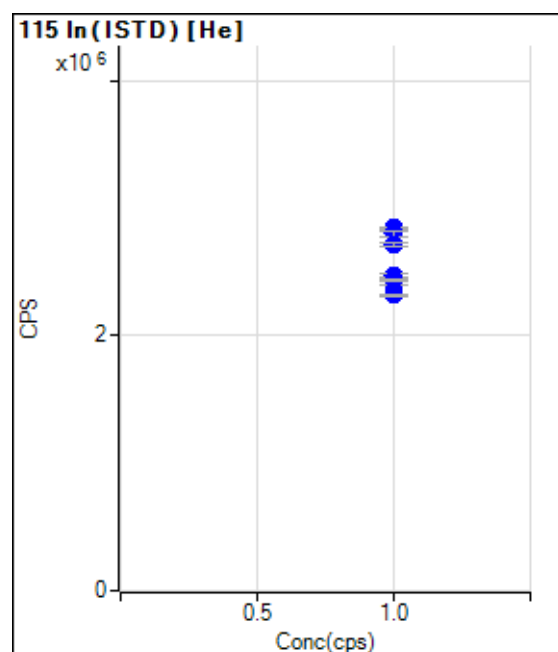
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16293360.26		A	1.0
2	☐	1.000		16442514.60		A	1.8
3	☐	1.000		16458150.02		A	0.6
4	☐	1.000		15673363.54		A	0.5
5	☐	1.000		14290203.45		A	1.1
6	☐	1.000		13829442.50		A	0.5
7	☐	1.000		13453443.53		A	1.0
8	☐	1.000		12099850.18		A	1.6

103 Rh (ISTD) [He]

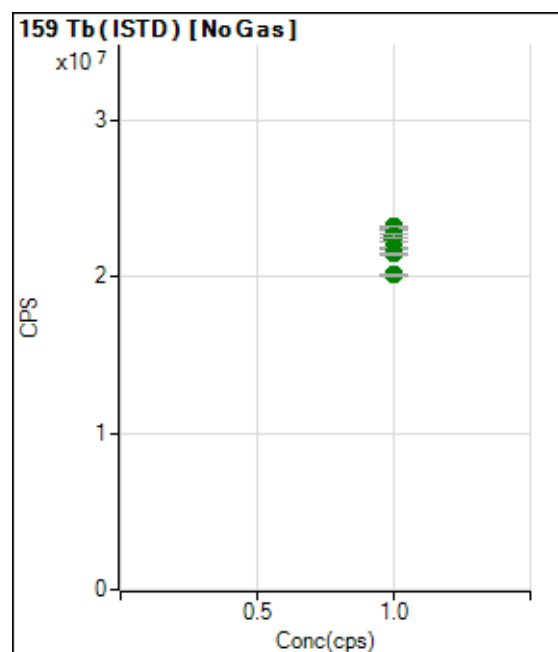
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7121126.21		A	0.6
2	☐	1.000		7039826.49		A	0.9
3	☐	1.000		6885350.45		A	0.9
4	☐	1.000		6667658.72		A	1.8
5	☐	1.000		6061768.87		A	0.7
6	☐	1.000		5799758.87		M	0.8
7	☐	1.000		5551542.35		P	0.9
8	☐	1.000		5292024.47		P	0.5

115 In (ISTD) [No Gas]

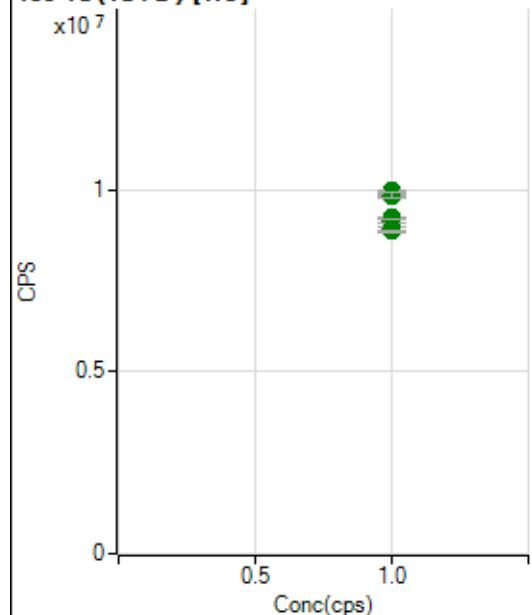
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		17728331.66		A	1.1
2	☐	1.000		17921540.78		A	1.6
3	☐	1.000		18035222.51		A	1.1
4	☐	1.000		17229178.27		A	1.2
5	☐	1.000		16253984.86		A	1.2
6	☐	1.000		15929386.77		A	0.6
7	☐	1.000		15623388.37		A	0.3
8	☐	1.000		14958525.81		A	0.9



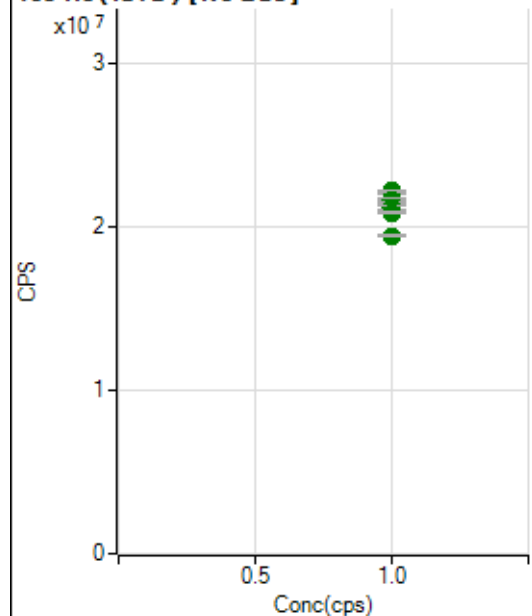
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2839602.48		P	0.5
2	☐	1.000		2843497.14		P	0.6
3	☐	1.000		2796457.60		P	1.3
4	☐	1.000		2713912.86		P	1.5
5	☐	1.000		2468191.96		P	0.9
6	☐	1.000		2397931.26		P	0.2
7	☐	1.000		2318738.89		P	0.8
8	☐	1.000		2435666.07		P	1.0



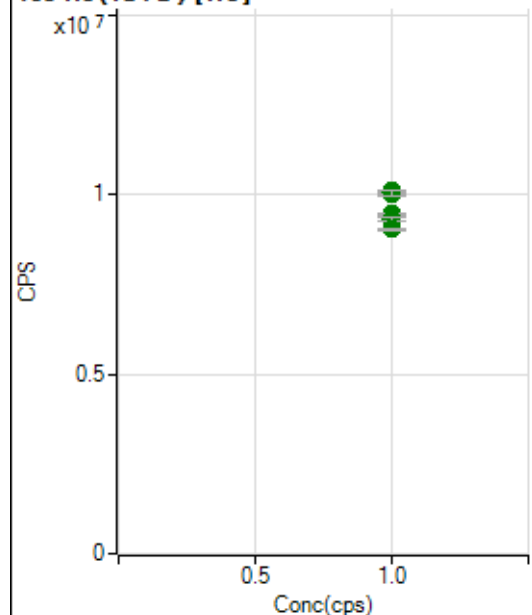
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		22390334.11		A	0.9
2	☐	1.000		22755528.83		A	1.7
3	☐	1.000		23216651.32		A	0.9
4	☐	1.000		22642351.88		A	1.0
5	☐	1.000		21800049.40		A	0.6
6	☐	1.000		21824485.51		A	0.5
7	☐	1.000		21510521.35		A	0.8
8	☐	1.000		20134061.92		A	0.3

159 Tb (ISTD) [He]

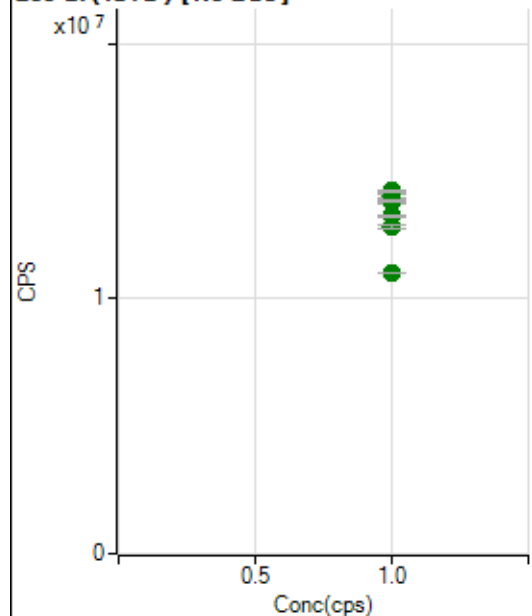
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9971414.85		A	0.4
2	☐	1.000		9958331.93		A	1.1
3	☐	1.000		9910619.64		A	1.9
4	☐	1.000		9855204.37		A	1.8
5	☐	1.000		9238299.72		A	0.5
6	☐	1.000		9151224.10		A	0.8
7	☐	1.000		8938211.67		A	0.9
8	☐	1.000		8867533.06		A	0.4

165 Ho (ISTD) [No Gas]

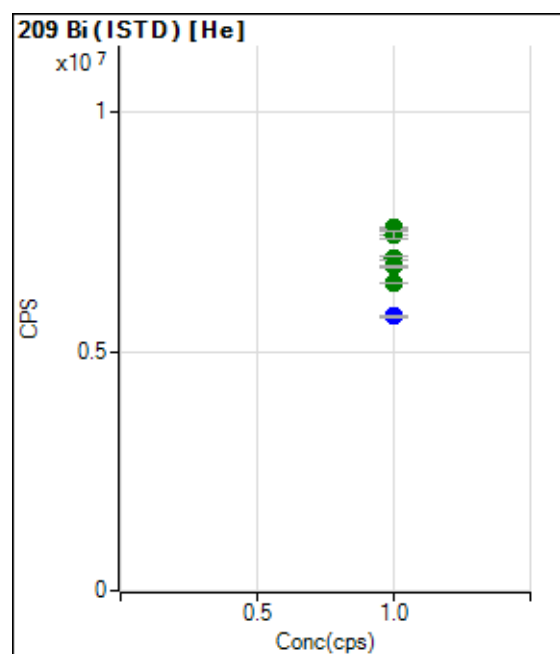
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		21593192.50		A	1.0
2	☐	1.000		21822094.59		A	1.5
3	☐	1.000		22237451.02		A	0.6
4	☐	1.000		21690210.21		A	0.9
5	☐	1.000		20980944.74		A	0.6
6	☐	1.000		21216518.53		A	0.8
7	☐	1.000		20897775.99		A	0.4
8	☐	1.000		19491154.60		A	0.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10100520.96		A	0.5
2	☐	1.000		10035730.48		A	0.5
3	☐	1.000		10067103.81		A	1.5
4	☐	1.000		10041174.43		A	1.8
5	☐	1.000		9463564.37		A	0.5
6	☐	1.000		9312315.42		A	0.6
7	☐	1.000		9035261.74		A	0.4
8	☐	1.000		9033415.28		A	0.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13777438.55		A	0.8
2	☐	1.000		14051196.32		A	1.1
3	☐	1.000		14221739.09		A	0.8
4	☐	1.000		13825007.43		A	0.6
5	☐	1.000		13258350.64		A	0.5
6	☐	1.000		13234027.58		A	0.7
7	☐	1.000		12814097.45		A	1.0
8	☐	1.000		11006432.89		A	0.3



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7590970.03		A	0.2
2	☐	1.000		7586751.21		A	0.9
3	☐	1.000		7511594.61		A	1.4
4	☐	1.000		7438293.43		A	2.5
5	☐	1.000		6965543.85		A	0.9
6	☐	1.000		6786420.94		A	0.7
7	☐	1.000		6426301.02		A	0.1
8	☐	1.000		5741016.79		P	0.3

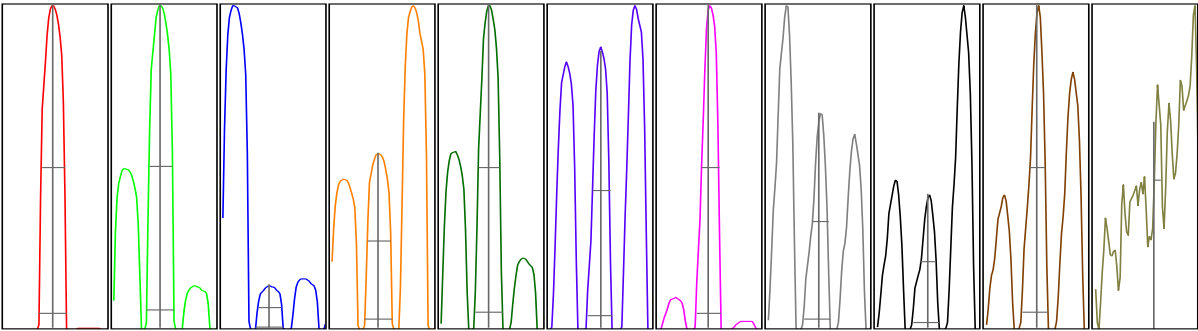
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P7122719 MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]				
Mass	Count	RSD%	RSD%	RSD%
	(Mean)	(Actual)	(Required)	(Flag)
9	15396	0.70	5.00	
24	173693	0.59	5.00	
25	23647	0.59	5.00	
26	27390	0.65	5.00	
59	121344	0.55	5.00	
113	15387	0.66	5.00	
115	182633	0.85	5.00	
206	39339	1.14	5.00	
207	35875	0.93	5.00	
208	85424	0.57	5.00	
220	102	2.23		

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
9	15440	15519	15421	15230	15371
24	172874	174813	174594	172467	173718
25	23568	23838	23745	23504	23580
26	27396	27479	27543	27087	27443
59	121572	121776	121866	120214	121292
113	15303	15499	15491	15291	15353
115	181134	184028	184270	181002	182730
206	38863	39863	39618	38883	39469
207	35503	36117	36108	35518	36128
208	85242	85716	85812	84653	85697
220	102	99	104	101	104

Integration Time [sec] = 0.1



Mass	Peak	Axis	Axis	Axis	Width-X%	Width-X%	Width-
	Height	(Actual)	(Required)	(Flag)	(Actual)	(Required)	X%
9	24097	8.95	8.9 - 9.1		0.789	0.900	
24	268965	23.90	23.9 - 24.1		0.791	0.900	
25	35902	24.90	24.9 - 25.1		0.791	0.900	
26	42164	25.90	25.9 - 26.1		0.790	0.900	
59	205096	58.95	58.9 - 59.1		0.815	0.900	
113	30291	113.05	112.9 - 113.1		0.723	0.900	
115	360468	115.00	114.9 - 115.1		0.726	0.900	
206	83377	206.05	205.9 - 206.1		0.772	0.900	
207	75301	207.05	206.9 - 207.1		0.780	0.900	
208	180795	208.05	207.9 - 208.1		0.772	0.900	
220	107	220.30	-				

X% = 5 Integration Time [sec] = 0.1 Acquisition Time [sec] = 268 Y Axis = Linear

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.80	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.37 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	6.3	V	Deflect	12.6	V
Extract 2	-115.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-55	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination		5.0 V
He Flow	0.0	mL/min	OctP RF	180	V			

[He]

Mass	Count	RSD%	RSD%
	(Mean)	(Actual)	(Required)
59	26780	1.22	
89	8554	1.27	
205	34146	0.97	

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
59	27222	27035	26528	26503	26610
89	8717	8598	8483	8530	8440
205	34541	34420	33732	34052	33983

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.80	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.37 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	6.8	V	Deflect	1.8	V
Extract 2	-135.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-60	V	Cell Exit	-60	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination		5.0 V
He Flow	4.1	mL/min	OctP RF	200	V			

LB Number : LB106959 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-27 12:22:44 DataFile Name : 004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.07	0.07	0.00	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	0.00	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	-0.01	0.01	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.07	-0.13	0.06	0.00	N/A	ppb
Boron	11-1	0.01	0.00	-0.01	0.00	N/A	ppb
Cadmium	111-1	0.00	-0.01	0.01	0.00	N/A	ppb
Cadmium	106-1	0.01	-0.37	0.36	0.00	N/A	ppb
Cadmium	108-1	0.03	-0.05	0.02	0.00	N/A	ppb
Calcium	43-1	0.11	-0.03	-0.08	0.00	N/A	ppb
Calcium	44-1	-0.11	0.64	-0.53	0.00	N/A	ppb
Chromium	52-2	0.00	0.01	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.00	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.01	-0.01	0.01	0.00	N/A	ppb
Iron	57-2	0.00	0.00	0.01	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	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	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.05	0.04	0.01	0.00	N/A	ppb

LB Number : LB106959 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-27 12:22:44 DataFile Name : 004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	-0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	0.00	0.00	N/A	ppb
Phosphorus	31-2	-23.99	-30.42	-23.84	-26.09		ppb
Potassium	39-2	-0.40	0.44	-0.04	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.21	-0.10	-0.10	0.00	N/A	ppb
Selenium	78-2	-0.42	0.38	0.04	0.00	N/A	ppb
Selenium	82-1	0.04	-0.23	0.19	0.00	N/A	ppb
Silicon	28-1	-0.12	0.04	0.08	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.32	-0.13	0.46	0.00	N/A	ppb
Strontium	86-1	-0.02	0.01	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-114.61	23.01	-64.81	-52.14		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	0.01	0.01	-0.02	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 12:22:44	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.08	-0.05	-0.03	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number : LB106959 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-27 12:26:22 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.25	21.19	21.77	21.07	3.63	ppb
Antimony	121-1	1.99	2.04	2.00	2.01	1.26	ppb
Arsenic	75-2	1.01	1.09	0.99	1.03	5.13	ppb
Barium	135-1	10.57	10.53	10.28	10.46	1.50	ppb
Barium	137-1	10.34	10.32	10.28	10.31	0.29	ppb
Beryllium	9-1	1.00	0.96	1.05	1.01	4.37	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	23.77	24.31	23.53	23.87	1.67	ppb
Boron	11-1	24.55	24.52	24.52	24.53	0.07	ppb
Cadmium	111-1	1.05	1.09	0.99	1.04	4.88	ppb
Cadmium	106-1	0.44	1.27	-0.49	0.41	217.00	ppb
Cadmium	108-1	1.00	0.82	0.73	0.85	16.11	ppb
Calcium	43-1	507.95	479.28	486.15	491.13	3.05	ppb
Calcium	44-1	497.95	497.64	490.09	495.23	0.90	ppb
Chromium	52-2	2.04	1.99	1.93	1.98	2.76	ppb
Cobalt	59-2	1.00	1.04	1.03	1.02	2.14	ppb
Copper	63-2	2.01	2.01	1.97	1.99	1.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	55.45	55.25	53.99	54.90	1.44	ppb
Iron	57-2	54.94	54.72	53.42	54.36	1.51	ppb
Krypton	83-1						cps
Lead	206-1	0.93	0.93	0.93	0.93	0.32	ppb
Lead	207-1	0.99	0.89	0.94	0.94	4.99	ppb
Lead	208-1	0.95	0.92	0.94	0.94	1.80	ppb
Lithium	6-1				102		%
Magnesium	24-2	548.49	536.03	524.28	536.27	2.26	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 12:26:22	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.95	1.01	0.98	0.98	3.02	ppb
Molybdenum	94-1	4.73	4.72	4.77	4.74	0.59	ppb
Molybdenum	95-1	5.23	5.16	5.18	5.19	0.63	ppb
Molybdenum	96-1	5.10	5.06	5.08	5.08	0.43	ppb
Molybdenum	97-1	5.22	5.20	5.23	5.22	0.27	ppb
Molybdenum	98-1	5.03	5.14	5.16	5.11	1.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.21	1.10	1.09	1.13	6.26	ppb
Phosphorus	31-2	23.73	26.50	28.03	26.09	8.35	ppb
Potassium	39-2	520.58	515.87	509.56	515.34	1.07	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	5.79	5.18	6.34	5.77	10.05	ppb
Selenium	78-2	5.13	6.03	7.06	6.08	15.88	ppb
Selenium	82-1	6.04	5.85	6.13	6.01	2.34	ppb
Silicon	28-1	8.89	8.76	8.41	8.69	2.87	ppb
Silver	109-1	1.18	1.14	1.13	1.15	2.30	ppb
Silver	107-1	1.16	1.17	1.17	1.17	0.51	ppb
Sodium	23-2	521.45	527.07	511.17	519.90	1.55	ppb
Strontium	86-1	1.00	0.99	1.01	1.00	1.21	ppb
Strontium	88-1	0.98	0.96	0.97	0.97	1.02	ppb
Sulfur	34-1	85.19	71.11	0.11	52.14	87.46	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.91	0.90	0.91	0.91	0.71	ppb
Thallium	205-1	0.95	0.93	0.94	0.94	0.95	ppb
Thorium	232-1	0.70	0.69	0.66	0.68	3.07	ppb
Tin	118-1	5.43	5.19	5.30	5.31	2.27	ppb
Titanium	47-1	5.06	5.14	5.21	5.14	1.49	ppb
Uranium	238-1	0.87	0.87	0.85	0.86	0.97	ppb
Vanadium	51-2	5.25	5.21	5.09	5.18	1.61	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 12:26:22	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.21	2.12	2.10	2.14	2.87	ppb
Zirconium	90-1	0.80	0.77	0.72	0.76	5.13	ppb
Zirconium	91-1	0.81	0.72	0.71	0.75	7.57	ppb

LB Number : LB106959 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-27 12:31:08 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1016.52	1018.28	1009.76	1014.85	0.44	ppb
Antimony	121-1	51.35	51.98	51.49	51.61	0.64	ppb
Arsenic	75-2	53.85	53.73	52.63	53.40	1.26	ppb
Barium	135-1	258.63	262.15	261.22	260.67	0.70	ppb
Barium	137-1	260.10	262.15	260.92	261.06	0.40	ppb
Beryllium	9-1	53.34	53.79	53.33	53.49	0.49	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	47.53	49.60	52.74	49.96	5.26	ppb
Boron	11-1	49.24	50.25	51.91	50.47	2.67	ppb
Cadmium	111-1	54.08	54.02	53.20	53.77	0.91	ppb
Cadmium	106-1	56.72	53.86	53.87	54.82	3.01	ppb
Cadmium	108-1	52.99	53.12	53.83	53.32	0.85	ppb
Calcium	43-1	5299.61	5364.04	5350.33	5337.99	0.64	ppb
Calcium	44-1	5154.69	5299.99	5311.34	5255.34	1.66	ppb
Chromium	52-2	51.66	51.83	51.41	51.64	0.41	ppb
Cobalt	59-2	52.05	52.65	52.84	52.51	0.79	ppb
Copper	63-2	103.78	103.54	102.85	103.39	0.47	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				103		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	2697.01	2685.65	2689.12	2690.59	0.22	ppb
Iron	57-2	2630.32	2618.30	2621.79	2623.47	0.24	ppb
Krypton	83-1						cps
Lead	206-1	48.85	49.20	50.09	49.38	1.29	ppb
Lead	207-1	48.70	49.01	49.66	49.12	0.99	ppb
Lead	208-1	48.40	49.11	49.66	49.06	1.28	ppb
Lithium	6-1				101		%
Magnesium	24-2	5401.00	5349.76	5339.90	5363.55	0.61	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 12:31:08	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	101.50	102.61	101.75	101.95	0.57	ppb
Molybdenum	94-1	253.27	252.61	250.40	252.09	0.60	ppb
Molybdenum	95-1	253.47	253.96	251.47	252.97	0.52	ppb
Molybdenum	96-1	250.54	251.80	250.83	251.06	0.26	ppb
Molybdenum	97-1	248.41	249.38	252.58	250.12	0.87	ppb
Molybdenum	98-1	250.14	248.96	252.06	250.39	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.68	53.49	54.18	53.79	0.66	ppb
Phosphorus	31-2	1028.75	1061.22	1126.91	1072.29	4.66	ppb
Potassium	39-2	2637.07	2616.77	2611.40	2621.75	0.52	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	77-2	46.50	51.12	43.98	47.20	7.67	ppb
Selenium	78-2	55.71	55.63	57.24	56.19	1.61	ppb
Selenium	82-1	53.84	54.12	54.21	54.06	0.36	ppb
Silicon	28-1	55.31	57.41	57.98	56.90	2.47	ppb
Silver	109-1	55.14	55.37	54.63	55.05	0.69	ppb
Silver	107-1	54.94	55.67	55.18	55.26	0.67	ppb
Sodium	23-2	5354.49	5261.25	5292.92	5302.89	0.89	ppb
Strontium	86-1	50.17	50.70	51.03	50.63	0.86	ppb
Strontium	88-1	50.54	50.67	50.52	50.58	0.16	ppb
Sulfur	34-1	1135.84	1201.15	1168.80	1168.60	2.79	ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	48.48	48.86	49.49	48.94	1.04	ppb
Thallium	205-1	48.93	49.12	49.70	49.25	0.82	ppb
Thorium	232-1	45.32	45.26	45.71	45.43	0.54	ppb
Tin	118-1	52.18	52.07	52.54	52.26	0.47	ppb
Titanium	47-1	252.65	255.18	258.36	255.40	1.12	ppb
Uranium	238-1	45.50	46.02	46.79	46.10	1.40	ppb
Vanadium	51-2	50.70	51.01	50.86	50.86	0.31	ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 12:31:08	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	103.96	104.67	103.91	104.18	0.41	ppb
Zirconium	90-1	49.51	49.58	49.93	49.67	0.45	ppb
Zirconium	91-1	49.82	49.55	50.08	49.82	0.53	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 12:34:57	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2578.24	2518.24	2508.22	2534.90	1.49	ppb
Antimony	121-1	129.65	129.40	129.02	129.36	0.25	ppb
Arsenic	75-2	133.19	131.14	131.22	131.85	0.88	ppb
Barium	135-1	649.25	649.53	644.29	647.69	0.46	ppb
Barium	137-1	642.67	644.77	650.07	645.83	0.59	ppb
Beryllium	9-1	131.75	132.37	131.90	132.01	0.24	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	122.60	127.72	125.05	125.12	2.05	ppb
Boron	11-1	122.90	126.41	127.95	125.75	2.06	ppb
Cadmium	111-1	130.64	131.30	129.73	130.56	0.60	ppb
Cadmium	106-1	133.12	132.54	130.96	132.21	0.85	ppb
Cadmium	108-1	132.30	132.34	134.57	133.07	0.98	ppb
Calcium	43-1	13287.00	13463.48	13394.27	13381.58	0.66	ppb
Calcium	44-1	13029.98	13068.71	13012.93	13037.21	0.22	ppb
Chromium	52-2	128.95	128.65	128.45	128.68	0.19	ppb
Cobalt	59-2	130.73	130.49	131.02	130.75	0.20	ppb
Copper	63-2	253.40	254.75	256.21	254.79	0.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	6745.63	6685.63	6733.65	6721.64	0.47	ppb
Iron	57-2	6576.79	6518.68	6565.29	6553.58	0.47	ppb
Krypton	83-1						cps
Lead	206-1	123.08	126.15	124.56	124.60	1.23	ppb
Lead	207-1	121.90	126.28	124.38	124.19	1.77	ppb
Lead	208-1	122.39	125.31	123.96	123.89	1.18	ppb
Lithium	6-1				96		%
Magnesium	24-2	13303.80	13275.00	13280.12	13286.31	0.12	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 12:34:57	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	255.05	251.99	255.18	254.07	0.71	ppb
Molybdenum	94-1	631.61	632.51	633.15	632.42	0.12	ppb
Molybdenum	95-1	630.38	631.82	631.99	631.40	0.14	ppb
Molybdenum	96-1	630.79	624.07	635.79	630.22	0.93	ppb
Molybdenum	97-1	629.30	627.29	624.59	627.06	0.38	ppb
Molybdenum	98-1	626.36	621.14	621.96	623.15	0.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.99	130.59	131.45	131.68	0.93	ppb
Phosphorus	31-2	2628.89	2659.06	2578.92	2622.29	1.54	ppb
Potassium	39-2	6547.04	6473.73	6503.85	6508.21	0.57	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				95		%
Scandium	45-2				93		%
Selenium	77-2	123.01	132.04	131.09	128.71	3.86	ppb
Selenium	78-2	138.39	135.07	133.57	135.68	1.82	ppb
Selenium	82-1	136.30	136.41	137.12	136.61	0.33	ppb
Silicon	28-1	142.34	148.57	149.55	146.82	2.66	ppb
Silver	109-1	134.90	133.98	134.65	134.51	0.35	ppb
Silver	107-1	133.73	134.12	136.16	134.67	0.97	ppb
Sodium	23-2	13157.58	13034.25	13036.13	13075.99	0.54	ppb
Strontium	86-1	126.26	127.40	126.68	126.78	0.46	ppb
Strontium	88-1	124.78	125.81	125.90	125.50	0.50	ppb
Sulfur	34-1	2731.29	2685.74	2565.42	2660.82	3.22	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	121.48	124.05	124.43	123.32	1.30	ppb
Thallium	205-1	123.09	124.59	124.35	124.01	0.65	ppb
Thorium	232-1	115.85	118.65	117.24	117.25	1.19	ppb
Tin	118-1	129.15	129.91	129.78	129.61	0.31	ppb
Titanium	47-1	631.54	639.71	642.96	638.07	0.92	ppb
Uranium	238-1	115.92	117.73	118.18	117.28	1.02	ppb
Vanadium	51-2	128.18	126.54	127.73	127.48	0.66	ppb
Yttrium	89-1				98		%
Yttrium	89-2				95		%

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 12:34:57	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	257.14	258.57	258.08	257.93	0.28	ppb
Zirconium	90-1	124.82	126.30	125.36	125.49	0.60	ppb
Zirconium	91-1	125.44	126.49	125.16	125.70	0.55	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 12:38:45	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5063.72	5018.54	5058.76	5047.01	0.49	ppb
Antimony	121-1	251.88	253.62	252.05	252.52	0.38	ppb
Arsenic	75-2	258.24	259.14	256.24	257.87	0.58	ppb
Barium	135-1	1276.74	1269.28	1261.89	1269.30	0.59	ppb
Barium	137-1	1250.35	1259.95	1243.80	1251.37	0.65	ppb
Beryllium	9-1	259.79	258.99	257.95	258.91	0.36	ppb
Bismuth	209-1				96		%
Bismuth	209-2				92		%
Boron	10-1	248.50	255.14	251.81	251.82	1.32	ppb
Boron	11-1	249.81	250.73	250.94	250.50	0.24	ppb
Cadmium	111-1	254.34	251.98	251.73	252.69	0.57	ppb
Cadmium	106-1	252.47	252.69	253.86	253.01	0.30	ppb
Cadmium	108-1	251.27	251.34	252.10	251.57	0.18	ppb
Calcium	43-1	26759.75	26538.34	26927.61	26741.90	0.73	ppb
Calcium	44-1	26127.15	25992.67	26444.97	26188.27	0.89	ppb
Chromium	52-2	255.78	256.76	257.23	256.59	0.29	ppb
Cobalt	59-2	261.37	259.08	261.38	260.61	0.51	ppb
Copper	63-2	502.88	504.74	508.49	505.37	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				94		%
Indium	115-1				92		%
Indium	115-2				87		%
Iron	56-2	13634.66	13428.02	13518.11	13526.93	0.77	ppb
Iron	57-2	13293.44	13091.62	13181.86	13188.97	0.77	ppb
Krypton	83-1						cps
Lead	206-1	249.51	248.11	246.04	247.89	0.70	ppb
Lead	207-1	248.37	250.22	249.96	249.52	0.40	ppb
Lead	208-1	248.13	247.18	248.54	247.95	0.28	ppb
Lithium	6-1				87		%
Magnesium	24-2	26540.24	26462.33	26492.14	26498.24	0.15	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 12:38:45	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	513.57	511.03	514.61	513.07	0.36	ppb
Molybdenum	94-1	1244.87	1240.60	1239.09	1241.52	0.24	ppb
Molybdenum	95-1	1248.55	1233.85	1242.19	1241.53	0.59	ppb
Molybdenum	96-1	1245.85	1235.11	1239.53	1240.16	0.44	ppb
Molybdenum	97-1	1246.94	1236.84	1244.25	1242.68	0.42	ppb
Molybdenum	98-1	1254.46	1239.76	1243.52	1245.92	0.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	260.64	263.43	262.59	262.22	0.55	ppb
Phosphorus	31-2	5099.75	5270.27	5207.56	5192.53	1.66	ppb
Potassium	39-2	12855.83	12870.83	12833.60	12853.42	0.15	ppb
Rhodium	103-1				88		%
Rhodium	103-2				85		%
Scandium	45-1				86		%
Scandium	45-2				83		%
Selenium	77-2	272.81	270.53	244.15	262.50	6.07	ppb
Selenium	78-2	265.58	258.68	263.78	262.68	1.36	ppb
Selenium	82-1	265.28	261.49	265.27	264.01	0.83	ppb
Silicon	28-1	297.05	297.25	304.07	299.46	1.33	ppb
Silver	109-1	255.59	258.77	255.55	256.64	0.72	ppb
Silver	107-1	255.09	258.14	257.20	256.81	0.61	ppb
Sodium	23-2	26388.05	26334.83	26231.66	26318.18	0.30	ppb
Strontium	86-1	252.52	252.19	253.36	252.69	0.24	ppb
Strontium	88-1	249.80	247.90	248.58	248.76	0.39	ppb
Sulfur	34-1	5173.67	4989.32	5119.65	5094.21	1.86	ppb
Terbium	159-1				97		%
Terbium	159-2				93		%
Thallium	203-1	247.76	247.83	248.87	248.15	0.25	ppb
Thallium	205-1	247.35	247.75	247.61	247.57	0.08	ppb
Thorium	232-1	237.95	238.94	239.26	238.72	0.28	ppb
Tin	118-1	251.99	254.50	253.89	253.46	0.52	ppb
Titanium	47-1	1276.89	1254.71	1272.38	1267.99	0.92	ppb
Uranium	238-1	236.22	240.20	240.36	238.93	0.98	ppb
Vanadium	51-2	254.05	252.69	253.46	253.40	0.27	ppb
Yttrium	89-1				91		%
Yttrium	89-2				86		%

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 12:38:45	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	514.51	514.87	513.67	514.35	0.12	ppb
Zirconium	90-1	248.67	244.79	247.96	247.14	0.84	ppb
Zirconium	91-1	251.52	250.08	249.24	250.28	0.46	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 12:42:34	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10060.54	9961.01	9913.64	9978.40	0.75	ppb
Antimony	121-1	501.14	492.29	499.07	497.50	0.93	ppb
Arsenic	75-2	511.74	509.30	502.92	507.99	0.90	ppb
Barium	135-1	2503.76	2464.22	2488.64	2485.54	0.80	ppb
Barium	137-1	2505.24	2482.87	2484.36	2490.82	0.50	ppb
Beryllium	9-1	502.42	502.86	506.75	504.01	0.47	ppb
Bismuth	209-1				96		%
Bismuth	209-2				89		%
Boron	10-1	484.99	491.88	510.88	495.91	2.70	ppb
Boron	11-1	491.78	494.75	513.46	499.99	2.35	ppb
Cadmium	111-1	488.55	486.72	490.59	488.62	0.40	ppb
Cadmium	106-1	484.19	485.31	482.54	484.02	0.29	ppb
Cadmium	108-1	479.20	489.74	487.99	485.64	1.16	ppb
Calcium	43-1	52511.85	52432.05	53046.82	52663.58	0.63	ppb
Calcium	44-1	52330.99	52036.90	52584.57	52317.49	0.52	ppb
Chromium	52-2	509.09	504.59	503.11	505.59	0.62	ppb
Cobalt	59-2	509.11	511.13	506.21	508.81	0.49	ppb
Copper	63-2	988.50	978.58	975.66	980.91	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				92		%
Indium	115-1				90		%
Indium	115-2				84		%
Iron	56-2	26727.88	26659.85	26459.14	26615.62	0.52	ppb
Iron	57-2	26053.82	25996.85	25801.46	25950.71	0.51	ppb
Krypton	83-1						cps
Lead	206-1	490.93	491.50	498.59	493.67	0.86	ppb
Lead	207-1	494.13	495.55	499.52	496.40	0.56	ppb
Lead	208-1	497.18	493.23	498.25	496.22	0.53	ppb
Lithium	6-1				84		%
Magnesium	24-2	52823.15	52290.84	52027.81	52380.60	0.77	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 12:42:34	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1014.77	1007.57	997.98	1006.78	0.84	ppb
Molybdenum	94-1	2502.66	2487.32	2472.53	2487.50	0.61	ppb
Molybdenum	95-1	2499.40	2498.01	2465.12	2487.51	0.78	ppb
Molybdenum	96-1	2502.55	2492.28	2479.41	2491.42	0.47	ppb
Molybdenum	97-1	2528.60	2504.52	2473.07	2502.06	1.11	ppb
Molybdenum	98-1	2491.87	2499.12	2484.69	2491.89	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	513.03	508.06	510.96	510.69	0.49	ppb
Phosphorus	31-2	10214.55	10186.82	10153.29	10184.89	0.30	ppb
Potassium	39-2	25380.48	25202.78	24875.24	25152.83	1.02	ppb
Rhodium	103-1				85		%
Rhodium	103-2				81		%
Scandium	45-1				84		%
Scandium	45-2				81		%
Selenium	77-2	526.36	515.20	507.68	516.41	1.82	ppb
Selenium	78-2	519.16	519.06	506.58	514.93	1.41	ppb
Selenium	82-1	516.21	518.20	515.85	516.75	0.25	ppb
Silicon	28-1	516.22	515.45	499.52	510.40	1.85	ppb
Silver	109-1	494.60	491.58	493.17	493.12	0.31	ppb
Silver	107-1	495.05	495.79	495.98	495.61	0.10	ppb
Sodium	23-2	52480.44	52142.58	51791.90	52138.31	0.66	ppb
Strontium	86-1	503.77	503.01	501.35	502.71	0.25	ppb
Strontium	88-1	504.20	501.79	495.09	500.36	0.94	ppb
Sulfur	34-1	9891.76	9866.46	9896.47	9884.90	0.16	ppb
Terbium	159-1				97		%
Terbium	159-2				92		%
Thallium	203-1	499.14	497.77	503.83	500.25	0.64	ppb
Thallium	205-1	499.73	494.89	503.10	499.24	0.83	ppb
Thorium	232-1	489.72	490.16	492.39	490.76	0.29	ppb
Tin	118-1	491.26	495.63	493.90	493.60	0.45	ppb
Titanium	47-1	2501.85	2473.66	2507.10	2494.20	0.72	ppb
Uranium	238-1	489.40	482.05	491.51	487.65	1.02	ppb
Vanadium	51-2	505.29	506.23	500.06	503.86	0.66	ppb
Yttrium	89-1				89		%
Yttrium	89-2				84		%

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 12:42:34	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1007.00	1005.04	993.14	1001.72	0.75	ppb
Zirconium	90-1	500.38	493.59	496.01	496.66	0.69	ppb
Zirconium	91-1	500.22	495.64	502.72	499.53	0.72	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 12:46:23	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20011.81	19819.75	19786.62	19872.73	0.61	ppb
Antimony	121-1	1010.29	995.05	994.65	1000.00	0.89	ppb
Arsenic	75-2	1003.52	995.75	979.76	993.01	1.22	ppb
Barium	135-1	5016.84	4972.33	5007.93	4999.03	0.47	ppb
Barium	137-1	5062.57	4986.43	4954.27	5001.09	1.11	ppb
Beryllium	9-1	993.54	990.09	1000.52	994.72	0.53	ppb
Bismuth	209-1				93		%
Bismuth	209-2				85		%
Boron	10-1	984.59	993.01	1027.21	1001.60	2.25	ppb
Boron	11-1	978.91	995.28	1025.13	999.77	2.34	ppb
Cadmium	111-1	1006.90	999.85	1005.65	1004.14	0.37	ppb
Cadmium	106-1	1003.62	1017.35	997.33	1006.10	1.02	ppb
Cadmium	108-1	1009.71	1001.40	1005.72	1005.61	0.41	ppb
Calcium	43-1	105231.25	104405.49	104930.89	104855.88	0.40	ppb
Calcium	44-1	104947.94	103088.22	104530.48	104188.88	0.94	ppb
Chromium	52-2	992.47	992.91	999.66	995.01	0.41	ppb
Cobalt	59-2	988.37	991.42	996.50	992.10	0.41	ppb
Copper	63-2	2016.50	2004.08	2001.72	2007.43	0.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				89		%
Indium	115-1				88		%
Indium	115-2				82		%
Iron	56-2	52684.84	52481.47	52473.50	52546.60	0.23	ppb
Iron	57-2	51357.99	51171.47	51151.72	51227.06	0.22	ppb
Krypton	83-1						cps
Lead	206-1	990.62	1014.00	1006.70	1003.77	1.19	ppb
Lead	207-1	1001.10	1006.29	998.80	1002.06	0.38	ppb
Lead	208-1	999.65	1008.64	999.48	1002.59	0.52	ppb
Lithium	6-1				82		%
Magnesium	24-2	104418.64	103546.25	103205.67	103723.52	0.60	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 12:46:23	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2000.48	1984.25	1993.48	1992.74	0.41	ppb
Molybdenum	94-1	5081.47	4956.24	4984.30	5007.34	1.31	ppb
Molybdenum	95-1	5057.23	4978.67	4986.34	5007.41	0.86	ppb
Molybdenum	96-1	5041.39	4974.81	5001.93	5006.05	0.67	ppb
Molybdenum	97-1	5065.09	4950.36	4986.16	5000.54	1.17	ppb
Molybdenum	98-1	5042.26	5007.93	4965.66	5005.29	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	986.72	991.41	993.61	990.58	0.36	ppb
Phosphorus	31-2	19794.89	20048.54	19678.13	19840.52	0.95	ppb
Potassium	39-2	50652.81	49803.83	50075.52	50177.39	0.86	ppb
Rhodium	103-1				83		%
Rhodium	103-2				78		%
Scandium	45-1				84		%
Scandium	45-2				79		%
Selenium	77-2	1019.55	983.42	962.06	988.34	2.94	ppb
Selenium	78-2	995.95	974.50	992.69	987.71	1.17	ppb
Selenium	82-1	990.39	981.64	987.36	986.46	0.45	ppb
Silicon	28-1	979.09	970.77	988.28	979.38	0.89	ppb
Silver	109-1	1007.24	997.78	996.01	1000.34	0.60	ppb
Silver	107-1	1003.99	1000.56	992.51	999.02	0.59	ppb
Sodium	23-2	103958.69	103880.02	103204.58	103681.10	0.40	ppb
Strontium	86-1	1001.40	993.79	997.96	997.72	0.38	ppb
Strontium	88-1	1004.04	996.03	1000.05	1000.04	0.40	ppb
Sulfur	34-1	20058.61	19887.56	20070.24	20005.47	0.51	ppb
Terbium	159-1				96		%
Terbium	159-2				90		%
Thallium	203-1	994.57	1004.62	1002.62	1000.60	0.53	ppb
Thallium	205-1	989.08	1000.24	1014.13	1001.15	1.25	ppb
Thorium	232-1	1007.89	1010.55	1007.48	1008.64	0.17	ppb
Tin	118-1	1012.84	993.45	998.65	1001.64	1.00	ppb
Titanium	47-1	5033.95	4952.97	5002.57	4996.50	0.82	ppb
Uranium	238-1	1005.03	1014.05	1011.23	1010.10	0.46	ppb
Vanadium	51-2	996.02	997.05	997.52	996.86	0.08	ppb
Yttrium	89-1				89		%
Yttrium	89-2				83		%

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 12:46:23	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1995.62	1996.35	1991.07	1994.35	0.14	ppb
Zirconium	90-1	1009.83	996.37	1000.82	1002.34	0.68	ppb
Zirconium	91-1	1005.40	995.03	999.83	1000.09	0.52	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 12:50:13	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100250.82	99551.12	100270.79	100024.24	0.41	ppb
Antimony	121-1	1.03	1.11	1.13	1.09	4.74	ppb
Arsenic	75-2	0.47	0.64	0.53	0.55	16.38	ppb
Barium	135-1	1.07	1.13	1.11	1.10	2.89	ppb
Barium	137-1	1.07	1.07	1.07	1.07	0.04	ppb
Beryllium	9-1	0.17	0.14	0.15	0.15	7.68	ppb
Bismuth	209-1				80		%
Bismuth	209-2				76		%
Boron	10-1	27.86	25.07	23.29	25.41	9.06	ppb
Boron	11-1	27.65	26.38	23.41	25.82	8.42	ppb
Cadmium	111-1	0.21	0.17	0.17	0.18	14.13	ppb
Cadmium	106-1	-0.65	-0.27	-0.67	-0.53		ppb
Cadmium	108-1	0.35	0.33	0.36	0.34	4.59	ppb
Calcium	43-1	502678.98	495238.27	498032.63	498649.96	0.75	ppb
Calcium	44-1	504294.63	493715.03	498555.59	498855.08	1.06	ppb
Chromium	52-2	26.22	25.90	26.20	26.11	0.68	ppb
Cobalt	59-2	1.79	1.79	1.85	1.81	1.68	ppb
Copper	63-2	3.33	3.26	3.33	3.31	1.17	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				90		%
Holmium	165-2				89		%
Indium	115-1				84		%
Indium	115-2				86		%
Iron	56-2	249430.58	247736.59	250625.05	249264.07	0.58	ppb
Iron	57-2	249760.70	248085.75	251002.28	249616.24	0.59	ppb
Krypton	83-1						cps
Lead	206-1	3.63	3.60	3.69	3.64	1.21	ppb
Lead	207-1	3.85	3.69	3.70	3.75	2.43	ppb
Lead	208-1	3.74	3.68	3.67	3.70	1.04	ppb
Lithium	6-1				80		%
Magnesium	24-2	498548.82	495990.82	502217.34	498918.99	0.63	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 12:50:13	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.03	7.95	8.00	7.99	0.55	ppb
Molybdenum	94-1	3.51	3.43	3.66	3.53	3.23	ppb
Molybdenum	95-1	4.38	4.39	4.49	4.42	1.39	ppb
Molybdenum	96-1	5.34	5.27	5.36	5.32	0.89	ppb
Molybdenum	97-1	4.31	4.31	4.41	4.34	1.34	ppb
Molybdenum	98-1	4.26	4.21	4.33	4.27	1.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.19	18.51	18.74	18.48	1.51	ppb
Phosphorus	31-2	-9.33	-20.35	-12.72	-14.13		ppb
Potassium	39-2	250850.58	248761.47	250159.55	249923.87	0.43	ppb
Rhodium	103-1				74		%
Rhodium	103-2				74		%
Scandium	45-1				82		%
Scandium	45-2				87		%
Selenium	77-2	1.32	0.61	1.30	1.07	37.63	ppb
Selenium	78-2	1.03	0.49	0.29	0.60	63.40	ppb
Selenium	82-1	1.08	0.88	1.43	1.13	24.57	ppb
Silicon	28-1	110.84	110.78	110.63	110.75	0.10	ppb
Silver	109-1	0.16	0.15	0.16	0.16	4.09	ppb
Silver	107-1	0.15	0.16	0.16	0.16	4.07	ppb
Sodium	23-2	499302.35	492662.70	504934.73	498966.59	1.23	ppb
Strontium	86-1	2.11	2.26	2.18	2.19	3.47	ppb
Strontium	88-1	2.13	2.13	2.19	2.15	1.78	ppb
Sulfur	34-1	-308.63	-258.06	-250.06	-272.25		ppb
Terbium	159-1				90		%
Terbium	159-2				89		%
Thallium	203-1	0.51	0.49	0.47	0.49	3.52	ppb
Thallium	205-1	0.50	0.47	0.47	0.48	3.67	ppb
Thorium	232-1	0.24	0.23	0.26	0.24	5.09	ppb
Tin	118-1	0.63	0.70	0.68	0.67	5.16	ppb
Titanium	47-1	1.53	1.51	1.61	1.55	3.55	ppb
Uranium	238-1	0.17	0.15	0.16	0.16	6.40	ppb
Vanadium	51-2	0.36	0.36	0.39	0.37	4.85	ppb
Yttrium	89-1				85		%
Yttrium	89-2				88		%

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 12:50:13	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	25.15	24.65	25.51	25.10	1.73	ppb
Zirconium	90-1	0.30	0.29	0.32	0.30	4.37	ppb
Zirconium	91-1	0.33	0.30	0.33	0.32	5.59	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 13:28:24	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	482.44	499.03	489.70	490.39	1.70	ppb
Antimony	121-1	203.41	204.79	202.83	203.68	0.49	ppb
Arsenic	75-2	213.42	215.92	213.36	214.23	0.68	ppb
Barium	135-1	104.00	104.15	103.31	103.82	0.43	ppb
Barium	137-1	102.38	103.16	103.29	102.94	0.48	ppb
Beryllium	9-1	100.70	101.12	100.75	100.86	0.22	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	10-1	526.40	524.69	519.92	523.67	0.64	ppb
Boron	11-1	523.56	531.16	534.88	529.87	1.09	ppb
Cadmium	111-1	102.35	105.41	104.71	104.16	1.54	ppb
Cadmium	106-1	193.33	192.51	197.30	194.38	1.32	ppb
Cadmium	108-1	174.44	171.74	171.90	172.69	0.88	ppb
Calcium	43-1	2337.07	2384.58	2364.19	2361.95	1.01	ppb
Calcium	44-1	2204.37	2189.24	2179.53	2191.05	0.57	ppb
Chromium	52-2	99.02	100.01	98.82	99.28	0.64	ppb
Cobalt	59-2	103.69	103.43	102.25	103.12	0.74	ppb
Copper	63-2	100.49	100.90	101.06	100.81	0.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	1150.33	1152.44	1150.78	1151.18	0.10	ppb
Iron	57-2	1083.39	1084.81	1084.10	1084.10	0.07	ppb
Krypton	83-1						cps
Lead	206-1	214.39	215.40	217.17	215.65	0.65	ppb
Lead	207-1	214.34	214.54	217.67	215.51	0.87	ppb
Lead	208-1	213.90	213.09	217.00	214.66	0.96	ppb
Lithium	6-1				102		%
Magnesium	24-2	1297.14	1286.16	1284.84	1289.38	0.52	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 13:28:24	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	99.33	99.61	98.83	99.25	0.40	ppb
Molybdenum	94-1	2564.35	2529.70	2562.35	2552.13	0.76	ppb
Molybdenum	95-1	2638.87	2623.57	2631.92	2631.45	0.29	ppb
Molybdenum	96-1	2609.27	2622.24	2610.37	2613.96	0.28	ppb
Molybdenum	97-1	2602.87	2613.20	2625.59	2613.88	0.44	ppb
Molybdenum	98-1	2629.61	2616.45	2623.33	2623.13	0.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.55	104.44	105.00	105.00	0.53	ppb
Phosphorus	31-2	-28.60	-28.37	-18.47	-25.15		ppb
Potassium	39-2	2056.34	2074.26	2078.92	2069.84	0.58	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	77-2	193.79	215.26	213.90	207.65	5.79	ppb
Selenium	78-2	208.49	212.10	211.75	210.78	0.94	ppb
Selenium	82-1	212.83	212.59	214.99	213.47	0.62	ppb
Silicon	28-1	462.63	460.76	462.92	462.11	0.25	ppb
Silver	109-1	101.54	102.57	100.32	101.48	1.11	ppb
Silver	107-1	101.55	102.51	101.68	101.91	0.51	ppb
Sodium	23-2	2118.77	2114.83	2119.80	2117.80	0.12	ppb
Strontium	86-1	489.80	490.67	491.81	490.76	0.21	ppb
Strontium	88-1	489.30	485.29	487.50	487.36	0.41	ppb
Sulfur	34-1	-170.13	-232.69	-352.21	-251.68		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	218.06	218.25	222.76	219.69	1.21	ppb
Thallium	205-1	217.83	219.08	222.48	219.79	1.09	ppb
Thorium	232-1	0.21	0.23	0.26	0.23	10.62	ppb
Tin	118-1	497.85	501.75	499.85	499.82	0.39	ppb
Titanium	47-1	2539.90	2551.08	2524.51	2538.50	0.53	ppb
Uranium	238-1	503.20	501.07	505.93	503.40	0.48	ppb
Vanadium	51-2	98.76	98.34	98.98	98.69	0.33	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 13:28:24	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	204.91	206.33	205.06	205.43	0.38	ppb
Zirconium	90-1	481.17	482.64	480.99	481.60	0.19	ppb
Zirconium	91-1	481.29	483.46	485.34	483.36	0.42	ppb

LB Number : LB106959 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-27 13:41:36 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.34	0.20	0.06	0.20	68.37	ppb
Antimony	121-1	0.07	0.10	0.08	0.08	21.85	ppb
Arsenic	75-2	0.00	0.00	-0.01	0.00		ppb
Barium	135-1	0.00	0.01	0.00	0.00	94.87	ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	-0.01	0.01	0.01	0.00	301.99	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	2.27	1.87	1.48	1.87	21.06	ppb
Boron	11-1	1.99	1.86	1.79	1.88	5.36	ppb
Cadmium	111-1	-0.01	-0.04	-0.07	-0.04		ppb
Cadmium	106-1	-0.89	-1.93	-3.21	-2.01		ppb
Cadmium	108-1	-0.02	-0.02	-0.01	-0.02		ppb
Calcium	43-1	1.81	2.21	2.19	2.07	10.79	ppb
Calcium	44-1	0.87	0.46	0.33	0.55	51.11	ppb
Chromium	52-2	0.02	-0.01	0.00	0.00	387.54	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	93.12	ppb
Copper	63-2	0.01	0.00	0.01	0.01	68.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	0.47	0.47	0.33	0.42	19.49	ppb
Iron	57-2	0.47	0.46	0.32	0.42	19.86	ppb
Krypton	83-1						cps
Lead	206-1	-0.02	-0.02	0.00	-0.01		ppb
Lead	207-1	0.01	0.01	-0.01	0.00	364.42	ppb
Lead	208-1	0.00	-0.01	0.00	0.00		ppb
Lithium	6-1				102		%
Magnesium	24-2	0.88	0.95	1.22	1.02	17.60	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 13:41:36	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	0.01	0.00	188.74	ppb
Molybdenum	94-1	0.08	0.06	0.07	0.07	14.78	ppb
Molybdenum	95-1	0.08	0.10	0.07	0.08	13.82	ppb
Molybdenum	96-1	0.08	0.08	0.08	0.08	4.25	ppb
Molybdenum	97-1	0.08	0.09	0.09	0.09	7.69	ppb
Molybdenum	98-1	0.06	0.08	0.07	0.07	15.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.04	0.01	0.03	55.77	ppb
Phosphorus	31-2	-21.50	-32.02	-34.59	-29.37		ppb
Potassium	39-2	10.74	9.72	6.94	9.13	21.57	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	-0.10	0.21	-0.10	0.00	36765.83	ppb
Selenium	78-2	-0.36	0.16	-0.51	-0.23		ppb
Selenium	82-1	0.29	0.24	0.60	0.38	51.70	ppb
Silicon	28-1	-0.24	-0.31	-0.22	-0.26		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.00	0.00	0.00	641.38	ppb
Sodium	23-2	3.61	1.73	2.10	2.48	40.07	ppb
Strontium	86-1	-0.01	0.02	0.01	0.01	188.49	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	7.80	ppb
Sulfur	34-1	131.93	51.20	48.98	77.37	61.09	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.01	0.01	0.01	12.70	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	33.47	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	14.70	ppb
Tin	118-1	0.05	0.06	0.04	0.05	18.83	ppb
Titanium	47-1	0.05	0.04	0.09	0.06	44.07	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	72.19	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	50.36	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 13:41:36	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.20	0.04	0.14	0.13	65.69	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	40.05	ppb
Zirconium	91-1	0.01	0.02	0.03	0.02	43.17	ppb

LB Number : LB106959 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-27 13:45:16 DataFile Name : 014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91724.76	91714.95	92239.02	91892.91	0.33	ppb
Antimony	121-1	1.16	1.19	1.25	1.20	3.77	ppb
Arsenic	75-2	0.34	0.34	0.38	0.35	6.05	ppb
Barium	135-1	1.56	1.61	1.63	1.60	2.27	ppb
Barium	137-1	1.61	1.70	1.58	1.63	3.95	ppb
Beryllium	9-1	0.27	0.28	0.31	0.29	6.34	ppb
Bismuth	209-1				92		%
Bismuth	209-2				88		%
Boron	10-1	2.48	1.81	2.44	2.24	16.80	ppb
Boron	11-1	2.50	2.38	2.47	2.45	2.52	ppb
Cadmium	111-1	0.63	0.46	0.61	0.57	16.04	ppb
Cadmium	106-1	-2.23	-2.70	-2.07	-2.33		ppb
Cadmium	108-1	15.63	16.39	15.62	15.88	2.78	ppb
Calcium	43-1	99800.78	99546.87	99539.54	99629.06	0.15	ppb
Calcium	44-1	99678.74	99168.83	99598.21	99481.92	0.28	ppb
Chromium	52-2	19.20	19.19	19.71	19.37	1.54	ppb
Cobalt	59-2	1.31	1.28	1.29	1.29	1.22	ppb
Copper	63-2	7.32	7.27	7.35	7.31	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				94		%
Indium	115-1				93		%
Indium	115-2				88		%
Iron	56-2	103030.81	103012.81	103415.15	103152.92	0.22	ppb
Iron	57-2	103171.75	103142.55	103538.02	103284.10	0.21	ppb
Krypton	83-1						cps
Lead	206-1	4.59	4.75	4.64	4.66	1.81	ppb
Lead	207-1	4.19	4.13	4.12	4.15	0.83	ppb
Lead	208-1	4.31	4.35	4.31	4.32	0.64	ppb
Lithium	6-1				89		%
Magnesium	24-2	102174.22	101788.64	102703.86	102222.24	0.45	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 13:45:16	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.84	7.79	7.93	7.85	0.88	ppb
Molybdenum	94-1	1333.78	1336.77	1343.18	1337.91	0.36	ppb
Molybdenum	95-1	1954.53	1929.30	1950.97	1944.93	0.70	ppb
Molybdenum	96-1	1890.46	1847.12	1856.82	1864.80	1.22	ppb
Molybdenum	97-1	1953.85	1925.87	1932.91	1937.54	0.75	ppb
Molybdenum	98-1	1957.00	1937.19	1959.71	1951.30	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.20	5.30	5.38	5.29	1.76	ppb
Phosphorus	31-2	98249.94	100159.04	99189.88	99199.62	0.96	ppb
Potassium	39-2	100079.81	99661.55	101424.98	100388.78	0.92	ppb
Rhodium	103-1				88		%
Rhodium	103-2				85		%
Scandium	45-1				93		%
Scandium	45-2				89		%
Selenium	77-2	-0.10	0.24	-0.10	0.01	1898.50	ppb
Selenium	78-2	0.19	-0.73	-0.60	-0.38		ppb
Selenium	82-1	0.15	0.58	0.44	0.39	56.56	ppb
Silicon	28-1	18.73	19.12	18.83	18.89	1.06	ppb
Silver	109-1	0.03	0.03	0.03	0.03	8.14	ppb
Silver	107-1	0.04	0.04	0.05	0.04	16.40	ppb
Sodium	23-2	102647.63	102599.56	102618.93	102622.04	0.02	ppb
Strontium	86-1	33.51	34.16	34.35	34.01	1.30	ppb
Strontium	88-1	33.52	33.81	34.41	33.91	1.35	ppb
Sulfur	34-1	81511.44	80284.08	79957.48	80584.33	1.02	ppb
Terbium	159-1				100		%
Terbium	159-2				95		%
Thallium	203-1	0.10	0.18	0.16	0.15	26.79	ppb
Thallium	205-1	0.12	0.15	0.18	0.15	19.40	ppb
Thorium	232-1	0.03	0.02	0.02	0.02	12.47	ppb
Tin	118-1	0.18	0.23	0.21	0.21	12.36	ppb
Titanium	47-1	2006.13	1999.14	1998.96	2001.41	0.20	ppb
Uranium	238-1	0.03	0.02	0.02	0.02	14.89	ppb
Vanadium	51-2	0.21	0.24	0.24	0.23	8.16	ppb
Yttrium	89-1				95		%
Yttrium	89-2				90		%

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 13:45:16	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	10.54	10.31	10.39	10.41	1.13	ppb
Zirconium	90-1	0.06	0.07	0.11	0.08	33.58	ppb
Zirconium	91-1	0.06	0.07	0.13	0.08	42.16	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 13:48:56	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92095.97	91489.62	90965.48	91517.02	0.62	ppb
Antimony	121-1	20.86	20.59	20.61	20.69	0.74	ppb
Arsenic	75-2	20.12	20.35	20.34	20.27	0.63	ppb
Barium	135-1	22.01	21.92	22.05	21.99	0.28	ppb
Barium	137-1	22.01	21.36	21.58	21.65	1.53	ppb
Beryllium	9-1	19.91	20.69	19.96	20.18	2.17	ppb
Bismuth	209-1				91		%
Bismuth	209-2				87		%
Boron	10-1	2.10	1.93	2.21	2.08	6.69	ppb
Boron	11-1	2.07	2.11	2.17	2.12	2.34	ppb
Cadmium	111-1	19.57	19.49	19.56	19.54	0.22	ppb
Cadmium	106-1	11.72	12.05	12.09	11.95	1.69	ppb
Cadmium	108-1	30.46	29.94	30.76	30.38	1.36	ppb
Calcium	43-1	98924.24	98883.65	99556.33	99121.41	0.38	ppb
Calcium	44-1	98970.47	100166.51	99962.56	99699.85	0.64	ppb
Chromium	52-2	39.17	38.78	38.78	38.91	0.58	ppb
Cobalt	59-2	21.01	20.86	21.17	21.01	0.74	ppb
Copper	63-2	26.00	26.30	26.26	26.19	0.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				93		%
Indium	115-1				91		%
Indium	115-2				88		%
Iron	56-2	104005.13	102482.55	103637.46	103375.05	0.77	ppb
Iron	57-2	104104.54	102615.11	103743.23	103487.63	0.75	ppb
Krypton	83-1						cps
Lead	206-1	24.49	24.56	24.35	24.47	0.43	ppb
Lead	207-1	23.33	23.53	23.22	23.36	0.69	ppb
Lead	208-1	23.73	23.71	23.64	23.70	0.19	ppb
Lithium	6-1				86		%
Magnesium	24-2	102026.13	100721.47	100882.41	101210.00	0.70	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 13:48:56	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26.97	27.30	27.16	27.14	0.61	ppb
Molybdenum	94-1	1348.55	1350.81	1334.95	1344.77	0.64	ppb
Molybdenum	95-1	1972.34	1940.94	1941.59	1951.62	0.92	ppb
Molybdenum	96-1	1887.36	1873.50	1862.60	1874.49	0.66	ppb
Molybdenum	97-1	1969.35	1964.04	1957.12	1963.50	0.31	ppb
Molybdenum	98-1	1964.18	1959.08	1948.14	1957.13	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.02	24.48	24.93	24.81	1.16	ppb
Phosphorus	31-2	99418.60	97981.47	98282.05	98560.70	0.77	ppb
Potassium	39-2	99982.05	99540.25	99259.46	99593.92	0.37	ppb
Rhodium	103-1				86		%
Rhodium	103-2				83		%
Scandium	45-1				90		%
Scandium	45-2				87		%
Selenium	77-2	16.25	22.10	21.21	19.85	15.89	ppb
Selenium	78-2	18.49	19.76	18.89	19.05	3.41	ppb
Selenium	82-1	19.93	19.94	20.52	20.13	1.68	ppb
Silicon	28-1	20.00	20.61	20.71	20.44	1.87	ppb
Silver	109-1	18.57	18.62	18.58	18.59	0.16	ppb
Silver	107-1	18.68	18.47	18.48	18.54	0.63	ppb
Sodium	23-2	102243.93	100787.93	101061.68	101364.51	0.76	ppb
Strontium	86-1	34.21	34.28	33.87	34.12	0.64	ppb
Strontium	88-1	34.04	34.13	33.97	34.05	0.23	ppb
Sulfur	34-1	78938.79	79457.64	79954.23	79450.22	0.64	ppb
Terbium	159-1				97		%
Terbium	159-2				93		%
Thallium	203-1	20.28	20.01	19.78	20.02	1.25	ppb
Thallium	205-1	20.07	20.09	19.95	20.04	0.39	ppb
Thorium	232-1	0.01	0.02	0.01	0.01	14.14	ppb
Tin	118-1	0.18	0.16	0.19	0.18	10.11	ppb
Titanium	47-1	1983.93	2000.12	2005.28	1996.44	0.56	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	2.66	ppb
Vanadium	51-2	19.74	19.64	19.50	19.63	0.63	ppb
Yttrium	89-1				92		%
Yttrium	89-2				89		%

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 13:48:56	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	28.46	29.38	28.93	28.92	1.59	ppb
Zirconium	90-1	0.04	0.05	0.05	0.05	12.96	ppb
Zirconium	91-1	0.07	0.06	0.09	0.07	21.53	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 13:52:37	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51222.39	51088.46	51087.44	51132.76	0.15	ppb
Antimony	121-1	493.29	492.69	491.86	492.61	0.15	ppb
Arsenic	75-2	493.42	492.91	499.96	495.43	0.79	ppb
Barium	135-1	2507.67	2519.29	2518.65	2515.21	0.26	ppb
Barium	137-1	2497.10	2528.17	2529.57	2518.28	0.73	ppb
Beryllium	9-1	507.45	499.88	500.84	502.72	0.82	ppb
Bismuth	209-1				85		%
Bismuth	209-2				83		%
Boron	10-1	487.83	495.49	496.43	493.25	0.96	ppb
Boron	11-1	489.98	489.62	496.00	491.87	0.73	ppb
Cadmium	111-1	495.01	497.15	497.80	496.65	0.29	ppb
Cadmium	106-1	508.24	493.06	509.07	503.46	1.79	ppb
Cadmium	108-1	492.46	506.98	507.58	502.34	1.70	ppb
Calcium	43-1	249053.47	250447.45	249321.87	249607.60	0.30	ppb
Calcium	44-1	249657.83	247242.49	248128.57	248342.97	0.49	ppb
Chromium	52-2	505.18	503.03	505.37	504.52	0.26	ppb
Cobalt	59-2	483.49	482.51	481.71	482.57	0.18	ppb
Copper	63-2	1025.81	1029.77	1033.31	1029.63	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				94		%
Holmium	165-2				92		%
Indium	115-1				87		%
Indium	115-2				89		%
Iron	56-2	125228.66	125134.60	126039.51	125467.59	0.40	ppb
Iron	57-2	124727.62	124631.19	125508.49	124955.77	0.39	ppb
Krypton	83-1						cps
Lead	206-1	506.38	497.20	506.53	503.37	1.06	ppb
Lead	207-1	505.37	503.37	516.49	508.41	1.39	ppb
Lead	208-1	506.51	502.26	511.87	506.88	0.95	ppb
Lithium	6-1				83		%
Magnesium	24-2	248359.84	249145.76	249539.59	249015.06	0.24	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 13:52:37	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	981.93	984.45	994.06	986.81	0.65	ppb
Molybdenum	94-1	2527.85	2468.44	2449.86	2482.05	1.64	ppb
Molybdenum	95-1	2520.27	2471.46	2459.16	2483.63	1.30	ppb
Molybdenum	96-1	2503.28	2445.91	2458.57	2469.26	1.22	ppb
Molybdenum	97-1	2498.50	2453.70	2461.29	2471.16	0.97	ppb
Molybdenum	98-1	2524.08	2477.97	2485.20	2495.75	0.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	476.36	482.80	482.97	480.71	0.78	ppb
Phosphorus	31-2	9904.35	9959.46	10048.86	9970.89	0.73	ppb
Potassium	39-2	126271.74	125681.70	126286.32	126079.92	0.27	ppb
Rhodium	103-1				81		%
Rhodium	103-2				80		%
Scandium	45-1				86		%
Scandium	45-2				89		%
Selenium	77-2	475.24	517.21	486.94	493.13	4.39	ppb
Selenium	78-2	514.74	497.05	498.88	503.56	1.93	ppb
Selenium	82-1	492.75	487.88	489.08	489.90	0.52	ppb
Silicon	28-1	514.31	521.64	531.96	522.63	1.70	ppb
Silver	109-1	491.74	503.69	496.70	497.38	1.21	ppb
Silver	107-1	491.55	501.35	496.56	496.49	0.99	ppb
Sodium	23-2	246524.85	249525.96	248944.56	248331.79	0.64	ppb
Strontium	86-1	501.74	491.64	499.48	497.62	1.06	ppb
Strontium	88-1	498.88	491.94	494.83	495.22	0.70	ppb
Sulfur	34-1	9942.56	9993.26	9976.92	9970.91	0.26	ppb
Terbium	159-1				93		%
Terbium	159-2				93		%
Thallium	203-1	506.27	501.88	511.35	506.50	0.94	ppb
Thallium	205-1	507.85	501.63	509.34	506.27	0.81	ppb
Thorium	232-1	529.75	511.78	521.75	521.10	1.73	ppb
Tin	118-1	493.03	497.03	498.34	496.13	0.56	ppb
Titanium	47-1	2521.71	2525.94	2522.49	2523.38	0.09	ppb
Uranium	238-1	522.34	511.70	523.12	519.06	1.23	ppb
Vanadium	51-2	500.42	501.34	498.39	500.05	0.30	ppb
Yttrium	89-1				90		%
Yttrium	89-2				90		%

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 13:52:37	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	973.17	986.00	982.49	980.56	0.68	ppb
Zirconium	90-1	501.66	495.45	493.27	496.80	0.88	ppb
Zirconium	91-1	504.23	493.72	491.99	496.65	1.33	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:05:32	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.35	22.82	19.76	21.31	7.18	ppb
Antimony	121-1	2.19	2.20	2.11	2.17	2.27	ppb
Arsenic	75-2	1.14	1.07	0.94	1.05	9.68	ppb
Barium	135-1	9.98	10.39	10.34	10.24	2.16	ppb
Barium	137-1	10.14	10.39	10.33	10.29	1.25	ppb
Beryllium	9-1	1.02	1.06	1.04	1.04	1.84	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	27.30	27.53	26.18	27.00	2.67	ppb
Boron	11-1	26.11	26.79	26.63	26.51	1.34	ppb
Cadmium	111-1	0.90	1.00	0.97	0.96	5.41	ppb
Cadmium	106-1	0.00	-1.03	0.50	-0.17		ppb
Cadmium	108-1	1.23	1.01	1.16	1.13	9.80	ppb
Calcium	43-1	514.14	490.18	510.24	504.86	2.55	ppb
Calcium	44-1	503.51	500.56	500.51	501.53	0.34	ppb
Chromium	52-2	1.97	1.98	1.95	1.97	0.75	ppb
Cobalt	59-2	1.01	1.04	1.04	1.03	1.43	ppb
Copper	63-2	2.06	2.07	2.09	2.08	0.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	58.98	59.45	59.02	59.15	0.44	ppb
Iron	57-2	58.38	58.83	58.33	58.51	0.46	ppb
Krypton	83-1						cps
Lead	206-1	0.98	0.92	0.93	0.94	3.11	ppb
Lead	207-1	1.02	1.03	0.97	1.00	2.96	ppb
Lead	208-1	0.98	0.98	0.97	0.98	0.20	ppb
Lithium	6-1				102		%
Magnesium	24-2	560.45	561.55	555.74	559.25	0.55	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:05:32	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.05	1.06	1.14	1.08	4.84	ppb
Molybdenum	94-1	5.04	4.92	4.95	4.97	1.24	ppb
Molybdenum	95-1	5.32	5.30	5.23	5.28	0.92	ppb
Molybdenum	96-1	5.18	5.07	5.23	5.16	1.67	ppb
Molybdenum	97-1	5.10	5.17	5.14	5.14	0.70	ppb
Molybdenum	98-1	5.13	5.33	5.29	5.25	1.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	1.07	1.09	1.07	1.46	ppb
Phosphorus	31-2	26.46	48.99	20.74	32.06	46.58	ppb
Potassium	39-2	531.44	524.97	528.11	528.18	0.61	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	5.82	7.42	5.46	6.23	16.77	ppb
Selenium	78-2	4.75	5.89	5.58	5.41	10.93	ppb
Selenium	82-1	6.08	5.96	5.56	5.87	4.65	ppb
Silicon	28-1	8.26	8.14	7.94	8.11	1.98	ppb
Silver	109-1	1.15	1.19	1.15	1.16	1.94	ppb
Silver	107-1	1.18	1.16	1.19	1.18	1.15	ppb
Sodium	23-2	539.17	548.91	548.99	545.69	1.04	ppb
Strontium	86-1	1.00	0.95	1.09	1.01	7.35	ppb
Strontium	88-1	1.03	1.02	1.01	1.02	0.68	ppb
Sulfur	34-1	113.72	76.97	68.18	86.29	28.00	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.99	0.99	0.95	0.98	1.92	ppb
Thallium	205-1	0.98	0.99	0.94	0.97	3.14	ppb
Thorium	232-1	0.83	0.82	0.83	0.83	0.63	ppb
Tin	118-1	5.35	5.31	5.29	5.32	0.54	ppb
Titanium	47-1	5.09	5.13	4.99	5.07	1.43	ppb
Uranium	238-1	0.88	0.88	0.88	0.88	0.36	ppb
Vanadium	51-2	5.17	5.21	5.17	5.18	0.40	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:05:32	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.00	2.22	2.17	2.13	5.31	ppb
Zirconium	90-1	0.92	0.91	0.91	0.91	0.56	ppb
Zirconium	91-1	0.91	0.90	0.91	0.91	1.15	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:09:11	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.27	0.35	0.20	0.27	26.82	ppb
Antimony	121-1	0.03	0.03	0.04	0.04	20.13	ppb
Arsenic	75-2	-0.01	-0.01	0.01	0.00		ppb
Barium	135-1	0.00	0.00	0.00	0.00	151.63	ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	106.89	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	2.29	2.43	2.34	2.35	2.88	ppb
Boron	11-1	2.57	2.32	2.33	2.41	5.81	ppb
Cadmium	111-1	-0.04	-0.02	-0.02	-0.03		ppb
Cadmium	106-1	-1.54	-1.09	-1.25	-1.29		ppb
Cadmium	108-1	0.03	0.02	-0.01	0.01	150.11	ppb
Calcium	43-1	0.60	0.41	2.24	1.08	92.52	ppb
Calcium	44-1	-1.29	-0.63	-0.49	-0.80		ppb
Chromium	52-2	-0.02	0.00	-0.02	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	11.07	ppb
Copper	63-2	0.01	0.01	0.01	0.01	31.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	0.43	0.49	0.58	0.50	15.08	ppb
Iron	57-2	0.41	0.46	0.55	0.47	14.65	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.02	0.03	0.03	28.78	ppb
Lead	207-1	0.05	0.06	0.01	0.04	60.10	ppb
Lead	208-1	0.04	0.03	0.02	0.03	22.71	ppb
Lithium	6-1				102		%
Magnesium	24-2	1.17	1.20	0.52	0.96	39.51	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:09:11	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.00	0.00	0.00	119.16	ppb
Molybdenum	94-1	0.03	0.06	0.06	0.05	34.40	ppb
Molybdenum	95-1	0.03	0.04	0.04	0.04	12.21	ppb
Molybdenum	96-1	0.04	0.05	0.04	0.05	3.78	ppb
Molybdenum	97-1	0.03	0.03	0.05	0.04	33.12	ppb
Molybdenum	98-1	0.03	0.04	0.04	0.04	11.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	0.01	0.01	18.89	ppb
Phosphorus	31-2	-21.44	-31.69	-30.66	-27.93		ppb
Potassium	39-2	11.04	15.38	7.95	11.46	32.60	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	-0.10	0.21	0.21	0.11	170.99	ppb
Selenium	78-2	0.09	-0.13	-0.19	-0.08		ppb
Selenium	82-1	-0.01	-0.10	0.32	0.07	323.16	ppb
Silicon	28-1	-0.83	-0.79	-0.50	-0.71		ppb
Silver	109-1	0.00	0.00	0.00	0.00	13.77	ppb
Silver	107-1	0.00	0.00	0.00	0.00	194.21	ppb
Sodium	23-2	6.88	9.37	6.99	7.75	18.17	ppb
Strontium	86-1	0.02	0.01	0.02	0.02	50.10	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	23.32	ppb
Sulfur	34-1	134.30	93.82	161.24	129.78	26.15	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	0.01	0.02	0.02	0.01	32.39	ppb
Thallium	205-1	0.03	0.03	0.02	0.02	22.19	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	21.71	ppb
Tin	118-1	0.03	0.03	0.04	0.03	15.34	ppb
Titanium	47-1	0.01	-0.01	0.03	0.01	157.14	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	44.79	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	470.68	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:09:11	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.20	-0.03	0.09	0.09	128.66	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	35.48	ppb
Zirconium	91-1	0.02	0.01	0.01	0.01	46.08	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:12:50	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.77	21.76	22.76	21.76	4.57	ppb
Antimony	121-1	2.03	2.04	1.99	2.02	1.23	ppb
Arsenic	75-2	1.09	1.05	1.14	1.09	3.88	ppb
Barium	135-1	10.59	10.60	10.50	10.56	0.50	ppb
Barium	137-1	10.60	9.97	10.06	10.21	3.32	ppb
Beryllium	9-1	1.09	0.96	1.04	1.03	6.27	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	25.29	24.95	25.62	25.29	1.31	ppb
Boron	11-1	26.05	25.56	26.43	26.01	1.68	ppb
Cadmium	111-1	1.00	1.05	1.17	1.07	8.28	ppb
Cadmium	106-1	0.17	0.52	0.48	0.39	49.12	ppb
Cadmium	108-1	0.91	0.99	0.94	0.95	4.21	ppb
Calcium	43-1	509.77	495.87	483.63	496.43	2.63	ppb
Calcium	44-1	503.97	496.83	500.22	500.34	0.71	ppb
Chromium	52-2	1.95	1.97	2.12	2.01	4.68	ppb
Cobalt	59-2	1.03	1.00	1.03	1.02	1.74	ppb
Copper	63-2	2.06	2.02	1.97	2.02	2.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	56.82	55.68	55.91	56.14	1.07	ppb
Iron	57-2	56.25	55.04	55.18	55.49	1.19	ppb
Krypton	83-1						cps
Lead	206-1	0.96	0.95	0.92	0.95	2.41	ppb
Lead	207-1	0.97	0.94	0.94	0.95	1.67	ppb
Lead	208-1	0.96	0.93	0.95	0.95	1.65	ppb
Lithium	6-1				103		%
Magnesium	24-2	567.81	562.14	552.33	560.76	1.40	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:12:50	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.00	1.00	1.13	1.04	7.31	ppb
Molybdenum	94-1	5.05	4.91	5.01	4.99	1.50	ppb
Molybdenum	95-1	5.10	5.08	5.35	5.18	2.93	ppb
Molybdenum	96-1	5.05	5.08	5.14	5.09	0.92	ppb
Molybdenum	97-1	5.10	5.18	5.15	5.14	0.79	ppb
Molybdenum	98-1	5.12	5.17	5.16	5.15	0.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.09	0.96	1.09	1.05	7.18	ppb
Phosphorus	31-2	31.03	22.15	34.51	29.23	21.80	ppb
Potassium	39-2	536.52	522.51	536.13	531.72	1.50	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	77-2	6.37	4.48	7.87	6.24	27.22	ppb
Selenium	78-2	5.03	5.70	5.21	5.31	6.47	ppb
Selenium	82-1	5.90	6.33	6.02	6.08	3.70	ppb
Silicon	28-1	8.86	8.62	8.64	8.71	1.52	ppb
Silver	109-1	1.17	1.12	1.11	1.13	2.80	ppb
Silver	107-1	1.15	1.15	1.19	1.16	2.18	ppb
Sodium	23-2	547.99	536.69	541.38	542.02	1.05	ppb
Strontium	86-1	0.97	1.03	0.96	0.99	3.69	ppb
Strontium	88-1	0.99	1.02	0.99	1.00	1.62	ppb
Sulfur	34-1	349.28	360.76	286.36	332.13	12.06	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.94	0.95	1.00	0.96	3.31	ppb
Thallium	205-1	0.94	0.93	0.97	0.95	1.90	ppb
Thorium	232-1	0.81	0.78	0.78	0.79	1.91	ppb
Tin	118-1	5.39	5.24	5.36	5.33	1.46	ppb
Titanium	47-1	4.96	5.01	5.06	5.01	1.08	ppb
Uranium	238-1	0.86	0.85	0.87	0.86	0.94	ppb
Vanadium	51-2	5.34	5.27	5.09	5.23	2.48	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:12:50	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.26	2.12	2.18	2.18	3.16	ppb
Zirconium	90-1	0.88	0.84	0.84	0.85	2.87	ppb
Zirconium	91-1	0.88	0.93	0.86	0.89	4.34	ppb

LB Number : LB106959 Operator : Jaswal
 Lab Sample ID : K5111-01 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-SOIL-01-QT4- Dilution Factor : 1
 Date & Time Acquired :: 2019-12-27 14:19:37 DataFile Name : 020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.40	5.53	4.77	5.23	7.76	ppb
Antimony	121-1	0.26	0.30	0.28	0.28	5.92	ppb
Arsenic	75-2	0.23	0.23	0.24	0.23	2.93	ppb
Barium	135-1	1.24	1.27	1.21	1.24	2.57	ppb
Barium	137-1	1.28	1.28	1.19	1.25	4.29	ppb
Beryllium	9-1	0.29	0.25	0.25	0.26	8.80	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	1.84	2.13	2.79	2.25	21.56	ppb
Boron	11-1	1.97	2.40	2.66	2.34	14.89	ppb
Cadmium	111-1	0.24	0.21	0.25	0.23	7.39	ppb
Cadmium	106-1	-0.68	-1.48	-0.63	-0.93		ppb
Cadmium	108-1	0.25	0.19	0.15	0.20	26.12	ppb
Calcium	43-1	28.72	25.28	29.51	27.83	8.08	ppb
Calcium	44-1	23.83	24.59	23.71	24.05	1.98	ppb
Chromium	52-2	0.26	0.23	0.23	0.24	7.57	ppb
Cobalt	59-2	0.22	0.28	0.25	0.25	11.85	ppb
Copper	63-2	0.52	0.55	0.51	0.53	3.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	13.14	13.34	13.08	13.19	1.02	ppb
Iron	57-2	12.74	13.01	12.78	12.84	1.12	ppb
Krypton	83-1						cps
Lead	206-1	0.25	0.25	0.26	0.25	3.33	ppb
Lead	207-1	0.22	0.26	0.24	0.24	7.89	ppb
Lead	208-1	0.24	0.26	0.25	0.25	3.31	ppb
Lithium	6-1				104		%
Magnesium	24-2	26.77	26.77	26.73	26.76	0.08	ppb

LB Number : LB106959 Operator : Jaswal
 Lab Sample ID : K5111-01 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-SOIL-01-QT4- Dilution Factor : 1
 Date & Time Acquired :: 2019-12-27 14:19:37 DataFile Name : 020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.50	0.48	0.50	0.49	2.57	ppb
Molybdenum	94-1	1.17	1.18	1.13	1.16	2.18	ppb
Molybdenum	95-1	1.19	1.20	1.10	1.16	5.05	ppb
Molybdenum	96-1	1.20	1.26	1.22	1.23	2.47	ppb
Molybdenum	97-1	1.19	1.21	1.22	1.21	1.36	ppb
Molybdenum	98-1	1.22	1.22	1.18	1.21	2.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.26	0.32	0.23	0.27	16.38	ppb
Phosphorus	31-2	-20.57	-30.18	-34.02	-28.26		ppb
Potassium	39-2	21.03	21.28	20.01	20.77	3.23	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				107		%
Selenium	77-2	1.10	2.01	1.40	1.50	31.03	ppb
Selenium	78-2	3.15	2.73	2.79	2.89	7.89	ppb
Selenium	82-1	2.72	2.60	2.73	2.69	2.73	ppb
Silicon	28-1	0.37	0.79	0.65	0.60	35.14	ppb
Silver	109-1	0.27	0.27	0.27	0.27	1.81	ppb
Silver	107-1	0.26	0.27	0.27	0.27	2.30	ppb
Sodium	23-2	25.96	28.35	29.25	27.86	6.10	ppb
Strontium	86-1	0.23	0.27	0.28	0.26	10.16	ppb
Strontium	88-1	0.25	0.24	0.25	0.25	0.53	ppb
Sulfur	34-1	276.56	349.93	213.04	279.84	24.48	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.22	0.23	0.23	0.23	2.94	ppb
Thallium	205-1	0.24	0.24	0.24	0.24	1.37	ppb
Thorium	232-1	0.19	0.19	0.19	0.19	2.37	ppb
Tin	118-1	0.24	0.26	0.27	0.26	5.96	ppb
Titanium	47-1	1.18	1.20	1.12	1.17	3.31	ppb
Uranium	238-1	0.20	0.21	0.22	0.21	4.35	ppb
Vanadium	51-2	0.25	0.23	0.23	0.23	4.87	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	K5111-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT4-	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:19:37	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.45	0.48	0.50	0.48	5.69	ppb
Zirconium	90-1	0.21	0.22	0.21	0.22	3.20	ppb
Zirconium	91-1	0.26	0.18	0.23	0.22	17.80	ppb

LB Number : LB106959 Operator : Jaswal
 Lab Sample ID : K5111-02 Instrumnet Name : P7
 Client Sample ID : LOQ-SOIL-02-QT4-2019 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-27 14:23:17 DataFile Name : 021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41.35	44.17	40.34	41.95	4.73	ppb
Antimony	121-1	4.26	4.24	4.31	4.27	0.87	ppb
Arsenic	75-2	2.15	2.13	2.37	2.22	5.88	ppb
Barium	135-1	21.50	21.72	21.80	21.67	0.72	ppb
Barium	137-1	21.67	21.29	21.73	21.57	1.10	ppb
Beryllium	9-1	2.18	2.10	2.11	2.13	2.02	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	50.71	51.32	50.77	50.94	0.66	ppb
Boron	11-1	50.49	51.72	52.83	51.68	2.26	ppb
Cadmium	111-1	2.26	2.26	2.23	2.25	0.81	ppb
Cadmium	106-1	1.83	1.88	3.26	2.32	35.07	ppb
Cadmium	108-1	2.02	2.13	2.42	2.19	9.39	ppb
Calcium	43-1	1066.25	1039.62	1050.53	1052.13	1.27	ppb
Calcium	44-1	1045.45	1028.64	1034.76	1036.28	0.82	ppb
Chromium	52-2	4.10	4.07	4.26	4.14	2.50	ppb
Cobalt	59-2	2.12	2.12	2.11	2.12	0.24	ppb
Copper	63-2	4.28	4.14	4.18	4.20	1.66	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				100		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	116.43	114.84	115.25	115.51	0.71	ppb
Iron	57-2	115.25	113.52	113.98	114.25	0.79	ppb
Krypton	83-1						cps
Lead	206-1	1.88	1.98	1.92	1.93	2.55	ppb
Lead	207-1	1.88	1.91	1.89	1.89	0.85	ppb
Lead	208-1	1.90	1.95	1.94	1.93	1.32	ppb
Lithium	6-1				105		%
Magnesium	24-2	1162.07	1145.69	1150.92	1152.89	0.73	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	K5111-02	Instrumnet Name :	P7
Client Sample ID :	LOQ-SOIL-02-QT4-2019	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:23:17	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.11	2.22	2.14	2.15	2.63	ppb
Molybdenum	94-1	10.36	10.21	10.23	10.27	0.80	ppb
Molybdenum	95-1	10.71	10.89	10.78	10.80	0.84	ppb
Molybdenum	96-1	10.52	10.66	10.70	10.62	0.91	ppb
Molybdenum	97-1	10.44	10.76	10.57	10.59	1.50	ppb
Molybdenum	98-1	10.84	10.82	10.73	10.79	0.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.24	2.21	2.39	2.28	4.17	ppb
Phosphorus	31-2	93.14	84.04	80.92	86.03	7.38	ppb
Potassium	39-2	1090.71	1071.01	1080.89	1080.87	0.91	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	77-2	14.73	11.59	12.24	12.86	12.90	ppb
Selenium	78-2	11.65	12.63	10.32	11.53	10.03	ppb
Selenium	82-1	12.28	12.64	12.13	12.35	2.12	ppb
Silicon	28-1	19.31	18.94	19.81	19.35	2.25	ppb
Silver	109-1	2.38	2.44	2.34	2.39	2.12	ppb
Silver	107-1	2.43	2.33	2.40	2.39	2.10	ppb
Sodium	23-2	1106.46	1102.15	1103.58	1104.06	0.20	ppb
Strontium	86-1	2.00	2.03	2.02	2.02	0.73	ppb
Strontium	88-1	2.04	2.10	2.05	2.06	1.46	ppb
Sulfur	34-1	322.45	363.38	423.82	369.88	13.79	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	1.93	1.89	1.97	1.93	2.05	ppb
Thallium	205-1	1.93	1.95	1.97	1.95	0.95	ppb
Thorium	232-1	1.67	1.67	1.61	1.65	1.95	ppb
Tin	118-1	11.14	11.23	11.13	11.17	0.52	ppb
Titanium	47-1	10.59	10.75	10.63	10.66	0.78	ppb
Uranium	238-1	1.80	1.83	1.83	1.82	0.98	ppb
Vanadium	51-2	10.79	10.90	11.08	10.93	1.31	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	K5111-02	Instrumnet Name :	P7
Client Sample ID :	LOQ-SOIL-02-QT4-2019	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:23:17	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	4.27	4.19	4.58	4.35	4.71	ppb
Zirconium	90-1	1.83	1.86	1.81	1.84	1.59	ppb
Zirconium	91-1	1.89	1.80	1.83	1.84	2.49	ppb

LB Number : LB106959 Operator : Jaswal
 Lab Sample ID : K5111-07RE Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-27 14:26:56 DataFile Name : 022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.04	6.09	5.68	5.94	3.76	ppb
Antimony	121-1	0.24	0.25	0.27	0.25	6.50	ppb
Arsenic	75-2	0.29	0.24	0.28	0.27	10.48	ppb
Barium	135-1	1.29	1.22	1.23	1.25	3.13	ppb
Barium	137-1	1.31	1.34	1.23	1.29	4.57	ppb
Beryllium	9-1	0.25	0.23	0.27	0.25	7.04	ppb
Bismuth	209-1				99		%
Bismuth	209-2				102		%
Boron	10-1	2.58	2.62	2.65	2.61	1.41	ppb
Boron	11-1	2.80	2.83	2.79	2.80	0.72	ppb
Cadmium	111-1	0.29	0.28	0.24	0.27	10.68	ppb
Cadmium	106-1	-0.06	0.15	-0.18	-0.03		ppb
Cadmium	108-1	0.30	0.33	0.30	0.31	5.70	ppb
Calcium	43-1	26.08	27.47	26.16	26.57	2.95	ppb
Calcium	44-1	22.32	24.76	23.92	23.67	5.24	ppb
Chromium	52-2	0.21	0.19	0.25	0.21	13.05	ppb
Cobalt	59-2	0.24	0.24	0.26	0.25	5.36	ppb
Copper	63-2	0.50	0.49	0.52	0.51	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				99		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	13.10	12.99	13.41	13.17	1.66	ppb
Iron	57-2	12.74	12.65	13.05	12.81	1.61	ppb
Krypton	83-1						cps
Lead	206-1	0.25	0.25	0.22	0.24	6.34	ppb
Lead	207-1	0.25	0.24	0.26	0.25	5.29	ppb
Lead	208-1	0.24	0.25	0.25	0.24	2.58	ppb
Lithium	6-1				105		%
Magnesium	24-2	26.10	27.40	27.37	26.96	2.76	ppb

LB Number : LB106959 Operator : Jaswal
 Lab Sample ID : K5111-07RE Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-27 14:26:56 DataFile Name : 022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.53	0.46	0.53	0.51	7.57	ppb
Molybdenum	94-1	1.19	1.17	1.22	1.19	2.23	ppb
Molybdenum	95-1	1.23	1.20	1.21	1.22	1.47	ppb
Molybdenum	96-1	1.18	1.21	1.19	1.20	1.22	ppb
Molybdenum	97-1	1.24	1.21	1.16	1.21	3.25	ppb
Molybdenum	98-1	1.24	1.24	1.23	1.24	0.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.25	0.24	0.26	0.25	3.08	ppb
Phosphorus	31-2	-24.27	-16.95	-21.68	-20.96		ppb
Potassium	39-2	21.21	19.15	16.12	18.83	13.61	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	77-2	4.71	2.59	3.49	3.59	29.62	ppb
Selenium	78-2	2.35	2.13	1.89	2.12	11.03	ppb
Selenium	82-1	2.54	2.46	2.09	2.36	10.04	ppb
Silicon	28-1	0.35	0.51	0.64	0.50	29.25	ppb
Silver	109-1	0.27	0.28	0.27	0.27	2.35	ppb
Silver	107-1	0.26	0.27	0.27	0.27	4.09	ppb
Sodium	23-2	29.26	27.04	25.98	27.43	6.10	ppb
Strontium	86-1	0.20	0.19	0.30	0.23	25.17	ppb
Strontium	88-1	0.23	0.23	0.23	0.23	1.38	ppb
Sulfur	34-1	290.48	311.26	382.22	327.99	14.67	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	0.24	0.24	0.25	0.25	3.29	ppb
Thallium	205-1	0.24	0.23	0.23	0.24	2.97	ppb
Thorium	232-1	0.19	0.20	0.21	0.20	3.38	ppb
Tin	118-1	0.25	0.31	0.27	0.28	10.94	ppb
Titanium	47-1	1.15	1.28	1.26	1.23	5.78	ppb
Uranium	238-1	0.22	0.23	0.23	0.23	1.13	ppb
Vanadium	51-2	0.26	0.24	0.24	0.25	5.98	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	K5111-07RE	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:26:56	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.44	0.55	0.55	0.51	12.06	ppb
Zirconium	90-1	0.22	0.20	0.21	0.21	5.76	ppb
Zirconium	91-1	0.21	0.20	0.23	0.21	6.97	ppb

LB Number : LB106959 Operator : Jaswal
 Lab Sample ID : K5111-08RE Instrumnet Name : P7
 Client Sample ID : LOQ-WATER-02-QT4-20 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-27 14:30:36 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46.45	45.16	42.55	44.72	4.45	ppb
Antimony	121-1	4.22	4.27	4.11	4.20	1.98	ppb
Arsenic	75-2	2.15	2.07	2.41	2.21	8.07	ppb
Barium	135-1	21.91	22.33	21.45	21.90	2.01	ppb
Barium	137-1	21.03	22.23	21.40	21.55	2.85	ppb
Beryllium	9-1	2.22	2.19	2.08	2.16	3.54	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	50.73	53.15	53.71	52.53	3.02	ppb
Boron	11-1	49.99	52.90	53.69	52.19	3.73	ppb
Cadmium	111-1	2.19	2.22	2.21	2.21	0.81	ppb
Cadmium	106-1	2.74	2.71	2.07	2.51	15.22	ppb
Cadmium	108-1	2.28	2.47	2.38	2.38	4.04	ppb
Calcium	43-1	1012.22	1038.94	1027.26	1026.14	1.31	ppb
Calcium	44-1	1031.95	1043.54	1024.56	1033.35	0.93	ppb
Chromium	52-2	4.18	4.01	4.06	4.08	2.19	ppb
Cobalt	59-2	2.14	2.07	2.03	2.08	2.89	ppb
Copper	63-2	4.37	3.95	4.04	4.12	5.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	116.28	114.01	113.20	114.50	1.40	ppb
Iron	57-2	114.95	112.61	112.08	113.21	1.35	ppb
Krypton	83-1						cps
Lead	206-1	1.94	1.93	1.86	1.91	2.13	ppb
Lead	207-1	1.93	1.98	1.93	1.95	1.39	ppb
Lead	208-1	1.92	1.96	1.93	1.94	1.10	ppb
Lithium	6-1				108		%
Magnesium	24-2	1168.87	1124.81	1139.60	1144.43	1.96	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	K5111-08RE	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-02-QT4-20	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:30:36	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.29	2.16	2.05	2.17	5.55	ppb
Molybdenum	94-1	10.22	10.34	9.95	10.17	1.96	ppb
Molybdenum	95-1	10.73	11.10	10.37	10.73	3.44	ppb
Molybdenum	96-1	10.46	10.95	10.17	10.53	3.72	ppb
Molybdenum	97-1	10.54	10.94	10.08	10.52	4.09	ppb
Molybdenum	98-1	10.64	10.89	10.46	10.66	2.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.19	2.22	2.14	2.19	1.73	ppb
Phosphorus	31-2	91.44	80.96	78.05	83.49	8.43	ppb
Potassium	39-2	1112.82	1083.39	1068.46	1088.22	2.07	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	77-2	11.29	11.38	12.47	11.71	5.58	ppb
Selenium	78-2	12.19	12.09	12.20	12.16	0.52	ppb
Selenium	82-1	11.92	12.05	11.53	11.83	2.27	ppb
Silicon	28-1	19.07	19.76	18.28	19.03	3.90	ppb
Silver	109-1	2.47	2.44	2.45	2.45	0.64	ppb
Silver	107-1	2.47	2.45	2.42	2.45	0.90	ppb
Sodium	23-2	1145.09	1089.01	1083.46	1105.85	3.08	ppb
Strontium	86-1	2.02	2.02	2.12	2.05	2.71	ppb
Strontium	88-1	2.03	2.04	2.02	2.03	0.59	ppb
Sulfur	34-1	367.66	478.45	257.88	368.00	29.97	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	2.00	1.93	1.94	1.96	1.82	ppb
Thallium	205-1	1.95	1.98	1.91	1.95	1.76	ppb
Thorium	232-1	1.67	1.66	1.61	1.65	2.21	ppb
Tin	118-1	11.34	11.24	10.94	11.17	1.90	ppb
Titanium	47-1	10.50	11.11	10.54	10.71	3.20	ppb
Uranium	238-1	1.82	1.85	1.81	1.83	1.06	ppb
Vanadium	51-2	11.04	10.61	10.72	10.79	2.05	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	K5111-08RE	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-02-QT4-20	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:30:36	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	4.52	4.28	4.46	4.42	2.81	ppb
Zirconium	90-1	1.80	1.91	1.81	1.84	3.47	ppb
Zirconium	91-1	1.88	1.88	1.80	1.85	2.53	ppb

LB Number : LB106959 Operator : Jaswal
 Lab Sample ID : K5111-07 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-27 14:34:16 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.62	5.93	4.59	5.38	13.09	ppb
Antimony	121-1	0.26	0.28	0.31	0.28	9.02	ppb
Arsenic	75-2	0.28	0.27	0.30	0.28	5.32	ppb
Barium	135-1	1.36	1.27	1.55	1.39	10.48	ppb
Barium	137-1	1.36	1.22	1.44	1.34	8.53	ppb
Beryllium	9-1	0.24	0.26	0.31	0.27	13.65	ppb
Bismuth	209-1				94		%
Bismuth	209-2				97		%
Boron	10-1	2.81	2.57	2.82	2.73	5.22	ppb
Boron	11-1	2.92	2.77	3.05	2.91	4.78	ppb
Cadmium	111-1	0.28	0.26	0.30	0.28	6.32	ppb
Cadmium	106-1	0.12	-0.75	0.08	-0.18		ppb
Cadmium	108-1	0.23	0.35	0.31	0.30	22.14	ppb
Calcium	43-1	26.53	25.28	29.78	27.20	8.54	ppb
Calcium	44-1	25.16	22.76	29.56	25.83	13.36	ppb
Chromium	52-2	0.27	0.22	0.25	0.25	9.32	ppb
Cobalt	59-2	0.24	0.25	0.26	0.25	3.07	ppb
Copper	63-2	0.50	0.44	0.59	0.51	14.07	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				94		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				100		%
Iron	56-2	13.39	12.72	13.15	13.09	2.58	ppb
Iron	57-2	13.06	12.41	12.81	12.76	2.59	ppb
Krypton	83-1						cps
Lead	206-1	0.23	0.25	0.27	0.25	8.66	ppb
Lead	207-1	0.25	0.23	0.27	0.25	7.92	ppb
Lead	208-1	0.24	0.24	0.27	0.25	4.88	ppb
Lithium	6-1				103		%
Magnesium	24-2	27.68	26.45	25.24	26.46	4.61	ppb

LB Number : LB106959 Operator : Jaswal
 Lab Sample ID : K5111-07 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-27 14:34:16 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.50	0.48	0.45	0.48	5.60	ppb
Molybdenum	94-1	1.26	1.20	1.33	1.26	5.33	ppb
Molybdenum	95-1	1.27	1.24	1.34	1.28	4.08	ppb
Molybdenum	96-1	1.26	1.25	1.39	1.30	6.06	ppb
Molybdenum	97-1	1.24	1.23	1.39	1.29	6.83	ppb
Molybdenum	98-1	1.26	1.19	1.35	1.27	6.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.24	0.22	0.33	0.26	23.36	ppb
Phosphorus	31-2	-24.33	-23.94	-29.57	-25.95		ppb
Potassium	39-2	18.53	23.47	23.22	21.74	12.79	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				103		%
Selenium	77-2	2.39	3.85	3.33	3.19	23.11	ppb
Selenium	78-2	2.88	2.35	1.68	2.30	26.07	ppb
Selenium	82-1	2.63	2.63	3.60	2.95	18.98	ppb
Silicon	28-1	1.14	0.98	3.09	1.74	67.60	ppb
Silver	109-1	0.29	0.27	0.31	0.29	7.37	ppb
Silver	107-1	0.28	0.29	0.31	0.29	4.33	ppb
Sodium	23-2	30.50	28.99	29.87	29.79	2.54	ppb
Strontium	86-1	0.26	0.26	0.31	0.27	10.45	ppb
Strontium	88-1	0.25	0.26	0.29	0.27	8.36	ppb
Sulfur	34-1	586.05	446.90	1185.84	739.59	53.09	ppb
Terbium	159-1				96		%
Terbium	159-2				99		%
Thallium	203-1	0.24	0.26	0.29	0.26	8.53	ppb
Thallium	205-1	0.24	0.25	0.26	0.25	2.97	ppb
Thorium	232-1	0.22	0.20	0.22	0.21	4.61	ppb
Tin	118-1	0.28	0.32	0.32	0.31	8.44	ppb
Titanium	47-1	1.25	1.24	1.45	1.31	8.80	ppb
Uranium	238-1	0.23	0.22	0.26	0.24	8.77	ppb
Vanadium	51-2	0.26	0.23	0.27	0.25	7.46	ppb
Yttrium	89-1				98		%
Yttrium	89-2				100		%

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	K5111-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:34:16	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.55	0.58	0.64	0.59	8.30	ppb
Zirconium	90-1	0.25	0.23	0.24	0.24	5.04	ppb
Zirconium	91-1	0.25	0.22	0.23	0.23	6.27	ppb

LB Number : LB106959 Operator : Jaswal
 Lab Sample ID : K5111-08 Instrumnet Name : P7
 Client Sample ID : LOQ-WATER-02-QT4-20 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-27 14:37:56 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41.93	44.88	43.80	43.54	3.42	ppb
Antimony	121-1	4.23	4.31	4.23	4.26	1.10	ppb
Arsenic	75-2	2.17	2.41	2.46	2.34	6.48	ppb
Barium	135-1	21.86	22.37	21.72	21.98	1.54	ppb
Barium	137-1	21.44	21.49	21.93	21.62	1.25	ppb
Beryllium	9-1	2.14	2.24	2.22	2.20	2.35	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	50.65	53.04	53.49	52.39	2.91	ppb
Boron	11-1	49.70	53.21	52.33	51.75	3.54	ppb
Cadmium	111-1	2.07	2.25	2.28	2.20	5.11	ppb
Cadmium	106-1	1.81	2.88	2.57	2.42	22.76	ppb
Cadmium	108-1	2.25	2.18	2.43	2.29	5.65	ppb
Calcium	43-1	1065.94	1065.02	1065.03	1065.33	0.05	ppb
Calcium	44-1	1038.83	1053.33	1055.41	1049.19	0.86	ppb
Chromium	52-2	3.98	4.45	4.53	4.32	6.88	ppb
Cobalt	59-2	2.09	2.15	2.20	2.15	2.60	ppb
Copper	63-2	4.07	4.44	4.46	4.33	5.01	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				102		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	112.15	122.92	123.47	119.51	5.34	ppb
Iron	57-2	110.92	121.54	122.12	118.20	5.33	ppb
Krypton	83-1						cps
Lead	206-1	1.97	1.93	2.02	1.97	2.26	ppb
Lead	207-1	1.92	1.99	1.97	1.96	1.74	ppb
Lead	208-1	1.95	1.96	1.97	1.96	0.62	ppb
Lithium	6-1				108		%
Magnesium	24-2	1121.02	1240.67	1237.41	1199.70	5.68	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	K5111-08	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-02-QT4-20	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:37:56	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.06	2.33	2.35	2.24	7.23	ppb
Molybdenum	94-1	10.46	10.31	10.48	10.42	0.87	ppb
Molybdenum	95-1	10.90	10.85	10.69	10.81	0.98	ppb
Molybdenum	96-1	10.66	10.64	10.71	10.67	0.33	ppb
Molybdenum	97-1	10.60	10.85	10.76	10.74	1.19	ppb
Molybdenum	98-1	10.48	10.78	10.86	10.71	1.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.21	2.34	2.46	2.34	5.37	ppb
Phosphorus	31-2	81.24	116.47	84.13	93.95	20.82	ppb
Potassium	39-2	1070.75	1154.17	1158.76	1127.89	4.39	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	77-2	13.76	15.10	12.60	13.82	9.08	ppb
Selenium	78-2	12.14	13.08	11.91	12.38	5.00	ppb
Selenium	82-1	11.81	12.19	12.65	12.22	3.44	ppb
Silicon	28-1	19.36	19.66	19.82	19.61	1.20	ppb
Silver	109-1	2.41	2.42	2.32	2.39	2.45	ppb
Silver	107-1	2.40	2.33	2.35	2.36	1.55	ppb
Sodium	23-2	1080.52	1180.09	1182.03	1147.55	5.06	ppb
Strontium	86-1	2.19	2.01	2.14	2.11	4.54	ppb
Strontium	88-1	2.06	2.08	2.07	2.07	0.36	ppb
Sulfur	34-1	464.22	495.41	485.41	481.68	3.31	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	1.94	1.90	2.09	1.98	5.12	ppb
Thallium	205-1	1.99	1.96	1.94	1.96	1.37	ppb
Thorium	232-1	1.70	1.72	1.65	1.69	2.04	ppb
Tin	118-1	10.90	11.41	11.23	11.18	2.33	ppb
Titanium	47-1	10.62	10.53	10.42	10.52	0.97	ppb
Uranium	238-1	1.82	1.83	1.84	1.83	0.59	ppb
Vanadium	51-2	10.69	11.54	11.75	11.33	4.96	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	K5111-08	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-02-QT4-20	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:37:56	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	4.30	5.08	4.96	4.78	8.80	ppb
Zirconium	90-1	1.90	1.85	1.83	1.86	2.07	ppb
Zirconium	91-1	1.98	1.90	1.91	1.93	2.30	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	PB125696BL	Instrumnet Name :	P7
Client Sample ID :	PB125696BL	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:42:33	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.01	-0.01	-0.08	-0.03		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	31.88	ppb
Arsenic	75-2	0.00	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.00	0.00	0.01	0.00	207.57	ppb
Barium	137-1	0.00	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.00	0.01	-0.01	0.00	475.83	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	1.80	1.63	1.33	1.59	14.89	ppb
Boron	11-1	1.78	1.85	1.67	1.77	5.06	ppb
Cadmium	111-1	-0.04	-0.01	-0.02	-0.03		ppb
Cadmium	106-1	-1.67	-0.32	-1.14	-1.05		ppb
Cadmium	108-1	0.06	0.02	-0.04	0.01	342.49	ppb
Calcium	43-1	-0.22	0.53	1.54	0.62	143.03	ppb
Calcium	44-1	-1.40	-0.93	-1.22	-1.18		ppb
Chromium	52-2	-0.02	-0.02	-0.03	-0.03		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	1512.59	ppb
Copper	63-2	0.00	-0.01	-0.01	-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				98		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	-0.03	0.01	-0.05	-0.02		ppb
Iron	57-2	-0.01	-0.02	-0.06	-0.03		ppb
Krypton	83-1						cps
Lead	206-1	0.01	-0.02	-0.02	-0.01		ppb
Lead	207-1	-0.01	-0.01	0.00	0.00		ppb
Lead	208-1	0.00	-0.01	-0.01	-0.01		ppb
Lithium	6-1				105		%
Magnesium	24-2	0.13	0.18	0.37	0.22	56.75	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	PB125696BL	Instrumnet Name :	P7
Client Sample ID :	PB125696BL	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:42:33	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.01	0.00	0.00	62.75	ppb
Molybdenum	94-1	0.02	0.01	0.04	0.02	66.73	ppb
Molybdenum	95-1	0.02	0.01	0.02	0.01	52.91	ppb
Molybdenum	96-1	0.02	0.02	0.03	0.02	29.65	ppb
Molybdenum	97-1	0.00	0.01	0.01	0.01	154.78	ppb
Molybdenum	98-1	0.01	0.01	0.00	0.01	64.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	0.00	0.00	328.62	ppb
Phosphorus	31-2	-24.62	-24.89	-22.43	-23.98		ppb
Potassium	39-2	9.15	6.23	11.74	9.04	30.48	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	77-2	-0.10	-0.10	-0.10	-0.10		ppb
Selenium	78-2	-0.17	0.03	-0.18	-0.11		ppb
Selenium	82-1	0.22	0.06	0.35	0.21	70.53	ppb
Silicon	28-1	0.09	0.31	0.27	0.22	53.20	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	1.18	1.96	1.41	1.51	26.53	ppb
Strontium	86-1	0.01	0.03	0.00	0.01	117.20	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	58.19	ppb
Sulfur	34-1	406.31	498.68	387.13	430.71	13.85	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.01	0.01	0.00	161.57	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	191.84	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	15.43	ppb
Tin	118-1	0.02	0.01	0.02	0.01	10.20	ppb
Titanium	47-1	-0.01	0.02	-0.02	0.00		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	166.54	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	PB125696BL	Instrumnet Name :	P7
Client Sample ID :	PB125696BL	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:42:33	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.12	-0.11	0.02	-0.07		ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	10.11	ppb
Zirconium	91-1	0.04	0.01	0.03	0.03	43.74	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	PB125696BS	Instrumnet Name :	P7
Client Sample ID :	PB125696BS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:46:24	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10190.08	10042.08	10129.44	10120.53	0.74	ppb
Antimony	121-1	509.04	536.99	515.62	520.55	2.81	ppb
Arsenic	75-2	523.26	522.24	522.83	522.78	0.10	ppb
Barium	135-1	2544.61	2668.15	2551.92	2588.23	2.68	ppb
Barium	137-1	2541.20	2632.71	2543.11	2572.34	2.03	ppb
Beryllium	9-1	504.65	521.61	518.71	514.99	1.76	ppb
Bismuth	209-1				95		%
Bismuth	209-2				91		%
Boron	10-1	477.34	510.47	513.05	500.29	3.98	ppb
Boron	11-1	483.35	509.58	511.71	501.55	3.15	ppb
Cadmium	111-1	505.64	525.47	506.60	512.57	2.18	ppb
Cadmium	106-1	500.55	521.76	505.00	509.10	2.20	ppb
Cadmium	108-1	503.92	522.02	503.68	509.88	2.06	ppb
Calcium	43-1	52291.43	54905.78	53250.38	53482.53	2.47	ppb
Calcium	44-1	51909.64	54832.99	52183.66	52975.43	3.05	ppb
Chromium	52-2	504.53	501.51	505.77	503.93	0.43	ppb
Cobalt	59-2	502.33	494.38	505.49	500.73	1.14	ppb
Copper	63-2	960.07	953.66	971.18	961.64	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				95		%
Indium	115-1				95		%
Indium	115-2				91		%
Iron	56-2	26501.33	26335.03	26536.96	26457.77	0.41	ppb
Iron	57-2	25831.54	25675.58	25873.61	25793.57	0.40	ppb
Krypton	83-1						cps
Lead	206-1	486.18	509.31	493.46	496.31	2.38	ppb
Lead	207-1	488.39	510.87	499.70	499.65	2.25	ppb
Lead	208-1	489.13	511.45	497.53	499.37	2.26	ppb
Lithium	6-1				97		%
Magnesium	24-2	53892.09	52970.99	53434.03	53432.37	0.86	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	PB125696BS	Instrumnet Name :	P7
Client Sample ID :	PB125696BS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:46:24	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1005.57	997.40	995.93	999.64	0.52	ppb
Molybdenum	94-1	2487.07	2576.28	2513.14	2525.49	1.82	ppb
Molybdenum	95-1	2477.19	2581.27	2511.11	2523.19	2.10	ppb
Molybdenum	96-1	2480.86	2585.05	2509.21	2525.04	2.13	ppb
Molybdenum	97-1	2477.67	2595.96	2492.40	2522.01	2.56	ppb
Molybdenum	98-1	2485.35	2557.74	2500.26	2514.45	1.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.20	495.13	504.04	500.79	0.98	ppb
Phosphorus	31-2	10397.47	10273.34	10455.32	10375.37	0.90	ppb
Potassium	39-2	25970.85	25698.82	25796.46	25822.04	0.53	ppb
Rhodium	103-1				91		%
Rhodium	103-2				88		%
Scandium	45-1				95		%
Scandium	45-2				93		%
Selenium	77-2	550.44	546.29	524.32	540.35	2.60	ppb
Selenium	78-2	525.44	530.78	531.04	529.09	0.60	ppb
Selenium	82-1	512.36	540.18	521.69	524.74	2.70	ppb
Silicon	28-1	494.13	526.35	505.64	508.70	3.21	ppb
Silver	109-1	521.91	536.23	517.57	525.24	1.86	ppb
Silver	107-1	515.90	536.42	514.75	522.36	2.33	ppb
Sodium	23-2	53275.86	52769.36	53241.37	53095.53	0.53	ppb
Strontium	86-1	498.16	518.91	502.73	506.60	2.15	ppb
Strontium	88-1	498.67	520.75	500.42	506.61	2.42	ppb
Sulfur	34-1	10444.89	11119.99	10372.79	10645.89	3.87	ppb
Terbium	159-1				99		%
Terbium	159-2				95		%
Thallium	203-1	497.23	518.86	496.83	504.31	2.50	ppb
Thallium	205-1	496.26	511.15	500.15	502.52	1.54	ppb
Thorium	232-1	481.88	499.86	489.64	490.46	1.84	ppb
Tin	118-1	515.67	539.45	513.14	522.75	2.78	ppb
Titanium	47-1	2500.64	2627.14	2509.63	2545.80	2.77	ppb
Uranium	238-1	478.15	498.16	484.68	486.99	2.10	ppb
Vanadium	51-2	506.37	502.61	505.33	504.77	0.38	ppb
Yttrium	89-1				97		%
Yttrium	89-2				92		%

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	PB125696BS	Instrumnet Name :	P7
Client Sample ID :	PB125696BS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:46:24	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	984.43	964.76	978.68	975.96	1.04	ppb
Zirconium	90-1	495.34	518.99	503.97	506.10	2.36	ppb
Zirconium	91-1	498.81	518.55	506.74	508.03	1.96	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	PB125697BS	Instrumnet Name :	P7
Client Sample ID :	PB125697BS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:50:02	DataFile Name :	028LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10246.28	10213.24	10132.70	10197.41	0.57	ppb
Antimony	121-1	513.33	514.23	516.28	514.62	0.29	ppb
Arsenic	75-2	516.00	523.27	519.56	519.61	0.70	ppb
Barium	135-1	2547.07	2554.12	2554.98	2552.06	0.17	ppb
Barium	137-1	2560.08	2538.27	2563.64	2553.99	0.54	ppb
Beryllium	9-1	507.62	513.52	503.70	508.28	0.97	ppb
Bismuth	209-1				94		%
Bismuth	209-2				91		%
Boron	10-1	501.58	524.79	505.90	510.76	2.42	ppb
Boron	11-1	504.47	515.82	510.67	510.32	1.11	ppb
Cadmium	111-1	502.05	504.06	509.37	505.16	0.75	ppb
Cadmium	106-1	507.40	514.27	524.82	515.49	1.70	ppb
Cadmium	108-1	504.46	512.94	515.93	511.11	1.16	ppb
Calcium	43-1	52217.46	52208.72	52384.19	52270.12	0.19	ppb
Calcium	44-1	51754.62	52411.99	52191.26	52119.29	0.64	ppb
Chromium	52-2	508.70	503.36	506.04	506.04	0.53	ppb
Cobalt	59-2	507.17	503.65	502.92	504.58	0.45	ppb
Copper	63-2	965.43	964.43	967.74	965.87	0.18	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				97		%
Holmium	165-2				94		%
Indium	115-1				94		%
Indium	115-2				91		%
Iron	56-2	26688.29	26298.09	26265.98	26417.45	0.89	ppb
Iron	57-2	26016.71	25642.24	25604.59	25754.51	0.88	ppb
Krypton	83-1						cps
Lead	206-1	489.06	495.56	490.27	491.63	0.70	ppb
Lead	207-1	492.92	499.78	498.46	497.05	0.73	ppb
Lead	208-1	493.49	498.27	496.10	495.95	0.48	ppb
Lithium	6-1				93		%
Magnesium	24-2	53660.91	53171.66	53101.61	53311.40	0.57	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	PB125697BS	Instrumnet Name :	P7
Client Sample ID :	PB125697BS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:50:02	DataFile Name :	028LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1008.66	998.18	1005.47	1004.10	0.53	ppb
Molybdenum	94-1	2487.31	2482.71	2480.89	2483.64	0.13	ppb
Molybdenum	95-1	2494.10	2476.30	2495.00	2488.47	0.42	ppb
Molybdenum	96-1	2451.96	2480.40	2493.84	2475.40	0.86	ppb
Molybdenum	97-1	2479.20	2467.68	2491.17	2479.35	0.47	ppb
Molybdenum	98-1	2465.95	2457.68	2501.35	2474.99	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	505.30	506.53	508.10	506.65	0.28	ppb
Phosphorus	31-2	10760.49	10291.51	10247.32	10433.11	2.73	ppb
Potassium	39-2	26013.76	25950.35	25642.47	25868.86	0.77	ppb
Rhodium	103-1				90		%
Rhodium	103-2				88		%
Scandium	45-1				93		%
Scandium	45-2				92		%
Selenium	77-2	509.49	519.82	525.45	518.25	1.56	ppb
Selenium	78-2	521.75	529.31	529.82	526.96	0.86	ppb
Selenium	82-1	505.82	510.81	518.87	511.83	1.29	ppb
Silicon	28-1	459.50	468.73	461.73	463.32	1.04	ppb
Silver	109-1	520.25	519.29	522.94	520.82	0.36	ppb
Silver	107-1	513.68	519.16	525.48	519.44	1.14	ppb
Sodium	23-2	53163.65	53104.27	52986.53	53084.82	0.17	ppb
Strontium	86-1	500.27	501.36	503.40	501.67	0.32	ppb
Strontium	88-1	497.84	500.28	500.91	499.68	0.32	ppb
Sulfur	34-1	10277.51	10345.82	10257.42	10293.59	0.45	ppb
Terbium	159-1				98		%
Terbium	159-2				95		%
Thallium	203-1	496.54	505.12	498.01	499.89	0.92	ppb
Thallium	205-1	494.51	495.29	496.99	495.60	0.26	ppb
Thorium	232-1	484.92	493.55	488.64	489.04	0.88	ppb
Tin	118-1	515.53	516.52	512.60	514.88	0.40	ppb
Titanium	47-1	2503.95	2525.91	2493.83	2507.90	0.65	ppb
Uranium	238-1	481.99	491.83	485.35	486.39	1.03	ppb
Vanadium	51-2	506.95	504.10	504.85	505.30	0.29	ppb
Yttrium	89-1				95		%
Yttrium	89-2				92		%

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	PB125697BS	Instrumnet Name :	P7
Client Sample ID :	PB125697BS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:50:02	DataFile Name :	028LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	979.94	973.37	974.39	975.90	0.36	ppb
Zirconium	90-1	501.18	496.99	496.75	498.30	0.50	ppb
Zirconium	91-1	499.78	498.38	495.80	497.99	0.41	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:53:41	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52157.25	51960.75	51800.56	51972.85	0.34	ppb
Antimony	121-1	493.40	493.69	490.08	492.39	0.41	ppb
Arsenic	75-2	500.52	498.64	496.14	498.43	0.44	ppb
Barium	135-1	2491.48	2514.43	2470.33	2492.08	0.89	ppb
Barium	137-1	2498.04	2530.09	2472.91	2500.35	1.15	ppb
Beryllium	9-1	506.54	506.08	500.01	504.21	0.72	ppb
Bismuth	209-1				85		%
Bismuth	209-2				83		%
Boron	10-1	500.22	510.36	508.57	506.38	1.07	ppb
Boron	11-1	505.43	512.08	506.35	507.95	0.71	ppb
Cadmium	111-1	497.66	495.11	493.84	495.54	0.39	ppb
Cadmium	106-1	499.68	505.18	498.93	501.26	0.68	ppb
Cadmium	108-1	496.42	512.34	500.53	503.10	1.64	ppb
Calcium	43-1	247845.94	247886.83	247741.06	247824.61	0.03	ppb
Calcium	44-1	245964.27	247025.57	244046.05	245678.63	0.61	ppb
Chromium	52-2	500.84	500.01	498.09	499.65	0.28	ppb
Cobalt	59-2	481.92	476.55	477.37	478.62	0.60	ppb
Copper	63-2	1030.01	1020.88	1019.57	1023.49	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				93		%
Indium	115-1				88		%
Indium	115-2				89		%
Iron	56-2	124690.93	124279.52	123223.37	124064.61	0.61	ppb
Iron	57-2	124218.13	123776.01	122736.37	123576.84	0.62	ppb
Krypton	83-1						cps
Lead	206-1	503.03	501.14	503.06	502.41	0.22	ppb
Lead	207-1	504.91	500.83	506.88	504.21	0.61	ppb
Lead	208-1	506.61	502.94	506.43	505.33	0.41	ppb
Lithium	6-1				86		%
Magnesium	24-2	251840.07	254118.95	252969.92	252976.31	0.45	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:53:41	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	981.07	970.05	967.83	972.98	0.73	ppb
Molybdenum	94-1	2461.76	2500.93	2487.59	2483.43	0.80	ppb
Molybdenum	95-1	2475.06	2479.75	2468.80	2474.54	0.22	ppb
Molybdenum	96-1	2478.05	2477.86	2442.57	2466.16	0.83	ppb
Molybdenum	97-1	2457.42	2486.70	2479.85	2474.65	0.62	ppb
Molybdenum	98-1	2471.79	2474.09	2477.89	2474.59	0.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	483.47	478.39	474.62	478.83	0.93	ppb
Phosphorus	31-2	10022.59	10178.35	9787.93	9996.29	1.97	ppb
Potassium	39-2	128127.36	127158.43	126178.14	127154.64	0.77	ppb
Rhodium	103-1				81		%
Rhodium	103-2				81		%
Scandium	45-1				89		%
Scandium	45-2				91		%
Selenium	77-2	504.88	515.53	501.38	507.26	1.45	ppb
Selenium	78-2	495.69	498.66	500.32	498.22	0.47	ppb
Selenium	82-1	485.24	492.44	487.96	488.54	0.74	ppb
Silicon	28-1	524.65	524.70	527.41	525.59	0.30	ppb
Silver	109-1	496.41	497.22	492.92	495.52	0.46	ppb
Silver	107-1	496.58	497.74	494.42	496.25	0.34	ppb
Sodium	23-2	253472.06	252700.01	251001.61	252391.23	0.50	ppb
Strontium	86-1	490.30	493.56	496.51	493.46	0.63	ppb
Strontium	88-1	493.61	495.01	495.77	494.80	0.22	ppb
Sulfur	34-1	10303.93	10114.37	10138.12	10185.48	1.01	ppb
Terbium	159-1				94		%
Terbium	159-2				93		%
Thallium	203-1	503.36	507.58	507.45	506.13	0.47	ppb
Thallium	205-1	508.38	507.50	505.62	507.17	0.28	ppb
Thorium	232-1	517.51	518.95	517.70	518.06	0.15	ppb
Tin	118-1	489.56	495.88	493.67	493.04	0.65	ppb
Titanium	47-1	2465.08	2465.51	2482.62	2471.07	0.40	ppb
Uranium	238-1	511.08	512.38	516.42	513.29	0.54	ppb
Vanadium	51-2	498.44	496.24	495.12	496.60	0.34	ppb
Yttrium	89-1				91		%
Yttrium	89-2				91		%

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:53:41	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	976.12	979.69	982.68	979.49	0.34	ppb
Zirconium	90-1	490.80	498.42	496.44	495.22	0.80	ppb
Zirconium	91-1	494.81	500.81	496.98	497.53	0.61	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 15:08:44	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.57	0.44	0.50	0.50	12.07	ppb
Antimony	121-1	0.17	0.19	0.18	0.18	6.04	ppb
Arsenic	75-2	-0.01	0.01	0.00	0.00	275.95	ppb
Barium	135-1	0.03	0.05	0.05	0.04	23.63	ppb
Barium	137-1	0.03	0.02	0.02	0.02	19.85	ppb
Beryllium	9-1	0.01	0.02	0.01	0.01	24.98	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	3.25	3.45	3.39	3.36	3.02	ppb
Boron	11-1	3.66	3.59	3.50	3.58	2.32	ppb
Cadmium	111-1	-0.02	-0.03	-0.01	-0.02		ppb
Cadmium	106-1	-1.41	-2.36	-1.18	-1.65		ppb
Cadmium	108-1	-0.04	-0.02	0.05	0.00		ppb
Calcium	43-1	4.24	4.75	6.06	5.02	18.69	ppb
Calcium	44-1	2.49	2.96	2.70	2.72	8.62	ppb
Chromium	52-2	-0.04	0.00	-0.03	-0.02		ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	19.87	ppb
Copper	63-2	0.03	0.02	0.03	0.02	27.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	1.51	1.72	1.72	1.65	7.21	ppb
Iron	57-2	1.48	1.71	1.70	1.63	7.78	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.01	0.00	0.00	113.64	ppb
Lead	207-1	0.00	0.00	0.01	0.01	100.38	ppb
Lead	208-1	0.00	0.00	0.01	0.00	181.91	ppb
Lithium	6-1				104		%
Magnesium	24-2	3.44	3.46	3.93	3.61	7.76	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 15:08:44	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.02	0.02	0.01	14.23	ppb
Molybdenum	94-1	0.08	0.07	0.08	0.08	5.74	ppb
Molybdenum	95-1	0.07	0.09	0.07	0.07	15.68	ppb
Molybdenum	96-1	0.07	0.09	0.07	0.08	18.72	ppb
Molybdenum	97-1	0.04	0.07	0.08	0.06	31.70	ppb
Molybdenum	98-1	0.07	0.06	0.08	0.07	10.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.02	0.02	0.01	68.27	ppb
Phosphorus	31-2	-29.06	-22.59	-29.17	-26.94		ppb
Potassium	39-2	9.15	14.74	9.60	11.16	27.85	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	77-2	-0.10	-0.10	-0.10	-0.10		ppb
Selenium	78-2	-0.25	-0.25	-0.26	-0.25		ppb
Selenium	82-1	0.26	0.12	0.41	0.26	54.23	ppb
Silicon	28-1	-0.61	-0.51	-0.86	-0.66		ppb
Silver	109-1	0.01	0.01	0.01	0.01	13.04	ppb
Silver	107-1	0.01	0.01	0.00	0.01	49.99	ppb
Sodium	23-2	11.28	11.19	11.93	11.46	3.54	ppb
Strontium	86-1	-0.04	0.02	-0.05	-0.02		ppb
Strontium	88-1	0.01	0.01	0.00	0.01	23.99	ppb
Sulfur	34-1	86.40	166.29	-13.95	79.58	113.49	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.03	0.02	0.02	14.67	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	10.47	ppb
Thorium	232-1	0.04	0.04	0.05	0.04	10.41	ppb
Tin	118-1	0.06	0.06	0.05	0.06	8.17	ppb
Titanium	47-1	0.02	0.01	0.03	0.02	52.14	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	16.16	ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	29.75	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 15:08:44	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.14	-0.08	0.21	0.09	164.71	ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	20.64	ppb
Zirconium	91-1	0.01	0.04	0.04	0.03	46.91	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	PB125698BL	Instrumnet Name :	P7
Client Sample ID :	PB125698BL	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 15:12:23	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.15	0.04	-0.03	-0.05		ppb
Antimony	121-1	0.05	0.05	0.04	0.04	18.52	ppb
Arsenic	75-2	0.01	-0.01	0.00	0.00	491.37	ppb
Barium	135-1	0.01	0.01	0.01	0.01	22.20	ppb
Barium	137-1	0.00	0.01	0.00	0.00	78.99	ppb
Beryllium	9-1	0.01	0.02	0.01	0.01	84.64	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	10-1	2.88	2.91	2.92	2.90	0.70	ppb
Boron	11-1	3.06	3.13	2.85	3.01	4.81	ppb
Cadmium	111-1	-0.02	-0.02	0.00	-0.01		ppb
Cadmium	106-1	-0.75	-0.94	-0.43	-0.71		ppb
Cadmium	108-1	0.02	0.02	-0.04	0.00	1304.42	ppb
Calcium	43-1	0.81	1.47	0.97	1.08	31.91	ppb
Calcium	44-1	-1.13	-0.54	-0.59	-0.75		ppb
Chromium	52-2	-0.02	-0.04	-0.05	-0.04		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.01	0.01	0.00	0.00	8202.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	56-2	0.22	0.27	0.19	0.23	16.26	ppb
Iron	57-2	0.20	0.26	0.19	0.22	18.30	ppb
Krypton	83-1						cps
Lead	206-1	-0.02	0.00	-0.01	-0.01		ppb
Lead	207-1	-0.01	0.01	0.00	0.00	1419.91	ppb
Lead	208-1	-0.02	0.00	0.00	-0.01		ppb
Lithium	6-1				106		%
Magnesium	24-2	0.42	0.42	0.63	0.49	25.17	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	PB125698BL	Instrumnet Name :	P7
Client Sample ID :	PB125698BL	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 15:12:23	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	0.00	0.00		ppb
Molybdenum	94-1	0.03	0.04	0.06	0.05	31.65	ppb
Molybdenum	95-1	0.03	0.04	0.03	0.04	5.34	ppb
Molybdenum	96-1	0.03	0.05	0.04	0.04	16.13	ppb
Molybdenum	97-1	0.02	0.04	0.02	0.03	40.82	ppb
Molybdenum	98-1	0.02	0.03	0.04	0.03	30.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	0.02	0.01	119.55	ppb
Phosphorus	31-2	-34.49	-28.10	-30.92	-31.17		ppb
Potassium	39-2	7.82	8.67	9.44	8.64	9.34	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				110		%
Selenium	77-2	-0.10	-0.10	-0.10	-0.10		ppb
Selenium	78-2	-0.25	-0.15	-0.50	-0.30		ppb
Selenium	82-1	0.10	0.24	0.38	0.24	58.43	ppb
Silicon	28-1	-1.05	1.50	-0.51	-0.02		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.00	0.00	0.00	105.47	ppb
Sodium	23-2	5.83	6.20	4.69	5.57	14.14	ppb
Strontium	86-1	-0.01	0.03	0.00	0.01	196.81	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	101.34	ppb
Sulfur	34-1	-136.40	732.02	154.99	250.20	176.64	ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	0.02	0.03	0.02	0.02	23.30	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	23.28	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	7.44	ppb
Tin	118-1	0.02	0.02	0.02	0.02	8.13	ppb
Titanium	47-1	0.04	0.01	0.03	0.03	62.04	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	73.49	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				105		%
Yttrium	89-2				106		%

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	PB125698BL	Instrumnet Name :	P7
Client Sample ID :	PB125698BL	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 15:12:23	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.02	0.03	-0.04	0.00	1729.96	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	46.54	ppb
Zirconium	91-1	0.01	0.02	0.00	0.01	78.73	ppb

LB Number : LB106959 Operator : Jaswal
 Lab Sample ID : PB125697BL Instrumnet Name : P7
 Client Sample ID : PB125697BL Dilution Factor : 1
 Date & Time Acquired :: 2019-12-27 15:16:02 DataFile Name : 032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.04	0.04	0.10	0.06	57.20	ppb
Antimony	121-1	0.02	0.03	0.02	0.03	16.64	ppb
Arsenic	75-2	0.00	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.00	0.01	0.01	0.01	35.64	ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.00	0.02	0.03	0.02	102.18	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	2.66	2.45	2.32	2.48	7.02	ppb
Boron	11-1	2.13	2.41	2.41	2.32	7.02	ppb
Cadmium	111-1	0.00	0.02	-0.03	0.00		ppb
Cadmium	106-1	-0.04	0.51	-1.29	-0.28		ppb
Cadmium	108-1	0.05	-0.01	0.00	0.01	245.59	ppb
Calcium	43-1	0.24	1.29	1.58	1.04	67.73	ppb
Calcium	44-1	-1.70	-1.63	-0.59	-1.31		ppb
Chromium	52-2	-0.01	-0.03	-0.02	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.01	0.00	0.00	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	56-2	0.02	0.12	0.06	0.07	73.91	ppb
Iron	57-2	0.01	0.11	0.06	0.06	83.65	ppb
Krypton	83-1						cps
Lead	206-1	-0.02	-0.02	-0.01	-0.02		ppb
Lead	207-1	-0.02	-0.02	0.01	-0.01		ppb
Lead	208-1	-0.02	-0.01	-0.01	-0.01		ppb
Lithium	6-1				108		%
Magnesium	24-2	0.47	0.30	0.22	0.33	39.08	ppb

LB Number : LB106959 Operator : Jaswal
 Lab Sample ID : PB125697BL Instrumnet Name : P7
 Client Sample ID : PB125697BL Dilution Factor : 1
 Date & Time Acquired :: 2019-12-27 15:16:02 DataFile Name : 032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	0.00	0.00		ppb
Molybdenum	94-1	0.02	0.03	0.04	0.03	28.37	ppb
Molybdenum	95-1	0.02	0.02	0.03	0.02	38.92	ppb
Molybdenum	96-1	0.02	0.02	0.03	0.02	22.11	ppb
Molybdenum	97-1	0.02	0.01	0.02	0.02	34.20	ppb
Molybdenum	98-1	0.01	0.02	0.03	0.02	42.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	0.01	0.00	163.45	ppb
Phosphorus	31-2	-29.33	-27.04	-37.92	-31.43		ppb
Potassium	39-2	7.74	8.31	6.89	7.65	9.35	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				110		%
Scandium	45-2				109		%
Selenium	77-2	-0.10	-0.10	-0.10	-0.10		ppb
Selenium	78-2	-0.09	-0.39	-0.04	-0.17		ppb
Selenium	82-1	0.17	0.21	0.03	0.14	68.02	ppb
Silicon	28-1	-1.57	-0.97	0.23	-0.77		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	3.94	3.55	2.98	3.49	13.84	ppb
Strontium	86-1	-0.01	0.01	0.04	0.01	145.96	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	119.91	ppb
Sulfur	34-1	-183.63	62.64	472.65	117.22	282.83	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.02	0.01	0.02	0.01	32.66	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	53.46	ppb
Thorium	232-1	0.01	0.01	0.02	0.01	38.87	ppb
Tin	118-1	-0.01	0.03	0.01	0.01	169.54	ppb
Titanium	47-1	0.01	0.01	0.06	0.03	108.66	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	272.14	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				109		%
Yttrium	89-2				105		%

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	PB125697BL	Instrumnet Name :	P7
Client Sample ID :	PB125697BL	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 15:16:02	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.03	0.06	0.00	0.03	88.25	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	26.50	ppb
Zirconium	91-1	0.00	0.01	0.01	0.01	148.18	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	PB125698BS	Instrumnet Name :	P7
Client Sample ID :	PB125698BS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 15:19:42	DataFile Name :	033DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10182.59	10140.93	10131.36	10151.63	0.27	ppb
Antimony	121-1	520.28	517.73	514.93	517.65	0.52	ppb
Arsenic	75-2	518.14	523.90	528.71	523.58	1.01	ppb
Barium	135-1	2565.31	2572.89	2552.28	2563.49	0.41	ppb
Barium	137-1	2576.73	2572.74	2555.60	2568.36	0.44	ppb
Beryllium	9-1	505.15	518.89	513.05	512.36	1.35	ppb
Bismuth	209-1				95		%
Bismuth	209-2				91		%
Boron	10-1	481.71	495.48	503.11	493.44	2.20	ppb
Boron	11-1	492.06	502.48	513.36	502.63	2.12	ppb
Cadmium	111-1	505.55	506.44	508.90	506.96	0.34	ppb
Cadmium	106-1	519.45	518.29	520.65	519.46	0.23	ppb
Cadmium	108-1	519.41	512.13	509.21	513.59	1.02	ppb
Calcium	43-1	51256.60	51835.97	51802.88	51631.82	0.63	ppb
Calcium	44-1	51071.76	51921.32	51816.76	51603.28	0.90	ppb
Chromium	52-2	499.37	503.75	503.77	502.29	0.51	ppb
Cobalt	59-2	494.82	504.46	501.58	500.28	0.99	ppb
Copper	63-2	950.11	957.13	956.69	954.64	0.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				95		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	56-2	26120.89	26596.29	26360.77	26359.32	0.90	ppb
Iron	57-2	25463.55	25928.80	25697.33	25696.56	0.91	ppb
Krypton	83-1						cps
Lead	206-1	479.56	483.78	479.22	480.85	0.53	ppb
Lead	207-1	489.03	488.28	484.06	487.12	0.55	ppb
Lead	208-1	491.21	490.65	483.41	488.42	0.89	ppb
Lithium	6-1				96		%
Magnesium	24-2	53012.22	53384.40	53131.22	53175.95	0.36	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	PB125698BS	Instrumnet Name :	P7
Client Sample ID :	PB125698BS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 15:19:42	DataFile Name :	033DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	992.09	1004.69	997.26	998.01	0.63	ppb
Molybdenum	94-1	2489.70	2543.85	2456.97	2496.84	1.76	ppb
Molybdenum	95-1	2502.54	2536.62	2450.78	2496.64	1.73	ppb
Molybdenum	96-1	2476.78	2504.80	2450.92	2477.50	1.09	ppb
Molybdenum	97-1	2455.11	2486.75	2478.69	2473.52	0.66	ppb
Molybdenum	98-1	2467.73	2524.31	2458.23	2483.42	1.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.99	504.97	502.88	502.28	0.60	ppb
Phosphorus	31-2	10340.26	10326.62	10392.98	10353.29	0.34	ppb
Potassium	39-2	25632.28	26063.55	26106.62	25934.15	1.01	ppb
Rhodium	103-1				92		%
Rhodium	103-2				90		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	77-2	516.89	516.42	541.55	524.95	2.74	ppb
Selenium	78-2	516.85	531.40	530.86	526.37	1.57	ppb
Selenium	82-1	513.31	516.86	512.81	514.33	0.43	ppb
Silicon	28-1	518.39	527.21	527.49	524.36	0.99	ppb
Silver	109-1	526.53	528.54	522.99	526.02	0.53	ppb
Silver	107-1	534.57	525.10	521.39	527.02	1.29	ppb
Sodium	23-2	52825.41	53683.26	53145.84	53218.17	0.81	ppb
Strontium	86-1	498.39	508.02	499.13	501.85	1.07	ppb
Strontium	88-1	499.50	509.10	493.99	500.86	1.53	ppb
Sulfur	34-1	10422.67	10469.41	10384.57	10425.55	0.41	ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	497.79	492.01	486.09	491.96	1.19	ppb
Thallium	205-1	490.48	490.69	490.18	490.45	0.05	ppb
Thorium	232-1	487.30	484.39	479.77	483.82	0.78	ppb
Tin	118-1	520.11	515.59	520.89	518.86	0.55	ppb
Titanium	47-1	2491.69	2508.86	2504.27	2501.61	0.36	ppb
Uranium	238-1	483.89	486.28	476.83	482.33	1.02	ppb
Vanadium	51-2	498.24	500.41	502.53	500.39	0.43	ppb
Yttrium	89-1				98		%
Yttrium	89-2				95		%

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	PB125698BS	Instrumnet Name :	P7
Client Sample ID :	PB125698BS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 15:19:42	DataFile Name :	033DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	947.38	967.69	961.38	958.82	1.08	ppb
Zirconium	90-1	499.72	504.62	492.41	498.92	1.23	ppb
Zirconium	91-1	496.12	504.26	490.31	496.89	1.41	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 15:23:21	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51414.89	50576.69	50868.96	50953.51	0.83	ppb
Antimony	121-1	498.68	498.30	496.66	497.88	0.22	ppb
Arsenic	75-2	519.89	512.26	513.41	515.18	0.80	ppb
Barium	135-1	2464.14	2463.23	2450.97	2459.44	0.30	ppb
Barium	137-1	2468.88	2476.64	2468.03	2471.18	0.19	ppb
Beryllium	9-1	505.88	505.10	501.38	504.12	0.48	ppb
Bismuth	209-1				87		%
Bismuth	209-2				83		%
Boron	10-1	501.34	506.61	499.09	502.35	0.77	ppb
Boron	11-1	507.08	500.63	503.59	503.77	0.64	ppb
Cadmium	111-1	517.85	522.11	523.23	521.07	0.55	ppb
Cadmium	106-1	533.35	529.01	525.59	529.32	0.74	ppb
Cadmium	108-1	522.56	524.78	530.55	525.96	0.78	ppb
Calcium	43-1	240355.19	245394.25	242412.46	242720.63	1.04	ppb
Calcium	44-1	240567.28	247400.95	241703.76	243224.00	1.51	ppb
Chromium	52-2	506.23	495.92	505.28	502.48	1.13	ppb
Cobalt	59-2	478.70	471.69	477.53	475.98	0.79	ppb
Copper	63-2	1021.31	1011.62	1025.20	1019.38	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				92		%
Indium	115-1				91		%
Indium	115-2				89		%
Iron	56-2	123061.61	121542.43	123362.17	122655.40	0.80	ppb
Iron	57-2	122552.68	121066.95	122834.24	122151.29	0.78	ppb
Krypton	83-1						cps
Lead	206-1	505.75	508.86	504.37	506.33	0.45	ppb
Lead	207-1	508.25	511.96	508.56	509.59	0.40	ppb
Lead	208-1	506.20	510.74	506.89	507.94	0.48	ppb
Lithium	6-1				90		%
Magnesium	24-2	250955.25	246930.18	248749.93	248878.46	0.81	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 15:23:21	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	968.76	968.98	979.47	972.40	0.63	ppb
Molybdenum	94-1	2476.84	2489.18	2482.38	2482.80	0.25	ppb
Molybdenum	95-1	2486.22	2489.31	2486.81	2487.45	0.07	ppb
Molybdenum	96-1	2448.01	2456.23	2473.53	2459.26	0.53	ppb
Molybdenum	97-1	2442.66	2467.18	2476.37	2462.07	0.71	ppb
Molybdenum	98-1	2471.33	2470.85	2484.47	2475.55	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	477.59	468.46	477.25	474.43	1.09	ppb
Phosphorus	31-2	9885.87	9656.44	10035.96	9859.42	1.94	ppb
Potassium	39-2	126182.34	124165.38	125669.76	125339.16	0.84	ppb
Rhodium	103-1				84		%
Rhodium	103-2				82		%
Scandium	45-1				92		%
Scandium	45-2				92		%
Selenium	77-2	514.18	510.72	487.57	504.16	2.87	ppb
Selenium	78-2	507.43	504.89	504.08	505.47	0.34	ppb
Selenium	82-1	500.10	502.04	502.52	501.55	0.26	ppb
Silicon	28-1	510.43	527.29	513.04	516.92	1.76	ppb
Silver	109-1	505.20	507.50	504.82	505.84	0.29	ppb
Silver	107-1	500.32	501.88	503.31	501.84	0.30	ppb
Sodium	23-2	252808.20	247565.49	248369.11	249580.93	1.13	ppb
Strontium	86-1	488.69	495.01	497.77	493.82	0.94	ppb
Strontium	88-1	487.01	490.02	492.64	489.89	0.58	ppb
Sulfur	34-1	9978.36	10151.29	9805.96	9978.54	1.73	ppb
Terbium	159-1				97		%
Terbium	159-2				93		%
Thallium	203-1	510.68	513.80	509.98	511.49	0.40	ppb
Thallium	205-1	514.27	512.78	506.64	511.23	0.79	ppb
Thorium	232-1	513.73	510.22	508.27	510.74	0.54	ppb
Tin	118-1	484.67	491.62	488.73	488.34	0.72	ppb
Titanium	47-1	2414.02	2471.68	2451.36	2445.69	1.20	ppb
Uranium	238-1	506.68	507.21	505.68	506.52	0.15	ppb
Vanadium	51-2	497.05	491.62	496.27	494.98	0.59	ppb
Yttrium	89-1				94		%
Yttrium	89-2				92		%

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 15:23:21	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	967.08	950.08	968.15	961.77	1.05	ppb
Zirconium	90-1	487.16	490.85	488.31	488.77	0.39	ppb
Zirconium	91-1	487.05	491.69	494.89	491.21	0.80	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 15:34:16	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.04	0.65	1.03	0.91	24.67	ppb
Antimony	121-1	0.18	0.19	0.20	0.19	4.34	ppb
Arsenic	75-2	0.00	0.00	0.01	0.01	118.55	ppb
Barium	135-1	0.05	0.05	0.04	0.05	7.63	ppb
Barium	137-1	0.04	0.05	0.05	0.05	19.59	ppb
Beryllium	9-1	0.04	0.03	0.05	0.04	26.68	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	4.21	4.07	4.52	4.27	5.44	ppb
Boron	11-1	4.50	4.41	4.26	4.39	2.84	ppb
Cadmium	111-1	0.00	-0.02	-0.03	-0.02		ppb
Cadmium	106-1	-1.42	-1.97	-2.33	-1.90		ppb
Cadmium	108-1	-0.01	0.00	-0.04	-0.01		ppb
Calcium	43-1	5.51	4.15	7.19	5.62	27.10	ppb
Calcium	44-1	2.73	3.35	3.58	3.22	13.60	ppb
Chromium	52-2	-0.04	-0.05	-0.01	-0.03		ppb
Cobalt	59-2	0.01	0.01	0.02	0.01	18.23	ppb
Copper	63-2	0.02	0.01	0.01	0.01	60.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	2.76	2.72	2.85	2.78	2.28	ppb
Iron	57-2	2.75	2.69	2.84	2.76	2.77	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	-0.01	0.00		ppb
Lead	207-1	0.00	-0.01	0.02	0.00	335.57	ppb
Lead	208-1	0.00	0.00	0.00	0.00	1140.13	ppb
Lithium	6-1				104		%
Magnesium	24-2	6.90	6.25	6.80	6.65	5.23	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 15:34:16	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.02	0.03	0.02	18.69	ppb
Molybdenum	94-1	0.11	0.12	0.09	0.11	15.71	ppb
Molybdenum	95-1	0.08	0.11	0.12	0.10	16.75	ppb
Molybdenum	96-1	0.13	0.09	0.11	0.11	14.43	ppb
Molybdenum	97-1	0.11	0.11	0.10	0.11	5.29	ppb
Molybdenum	98-1	0.10	0.10	0.10	0.10	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.02	0.03	0.02	37.32	ppb
Phosphorus	31-2	-19.97	-26.16	-21.38	-22.51		ppb
Potassium	39-2	14.90	14.14	15.45	14.83	4.42	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	77-2	-0.10	-0.10	-0.10	-0.10		ppb
Selenium	78-2	0.44	0.13	-0.04	0.18	138.76	ppb
Selenium	82-1	0.14	0.33	0.41	0.29	47.35	ppb
Silicon	28-1	-0.24	-0.09	-0.45	-0.26		ppb
Silver	109-1	0.01	0.01	0.01	0.01	18.48	ppb
Silver	107-1	0.01	0.01	0.01	0.01	43.01	ppb
Sodium	23-2	18.47	19.34	18.48	18.76	2.68	ppb
Strontium	86-1	0.01	0.05	-0.02	0.01	340.52	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	29.17	ppb
Sulfur	34-1	-98.10	-102.91	-178.67	-126.56		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.04	0.03	0.05	0.04	23.29	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	3.28	ppb
Thorium	232-1	0.04	0.05	0.05	0.05	10.40	ppb
Tin	118-1	0.05	0.08	0.07	0.07	23.85	ppb
Titanium	47-1	0.03	0.06	0.06	0.05	36.28	ppb
Uranium	238-1	0.02	0.01	0.00	0.01	57.31	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	39.71	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 15:34:16	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.09	0.11	-0.04	0.05	162.46	ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	16.32	ppb
Zirconium	91-1	0.03	0.04	0.03	0.03	15.98	ppb

LB Number : LB106959 Operator : Jaswal
 Lab Sample ID : LLOQ-WATER Instrumnet Name : P7
 Client Sample ID : LLOQ-WATER Dilution Factor : 1
 Date & Time Acquired :: 2019-12-27 15:38:04 DataFile Name : 036LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.52	22.86	23.44	22.94	2.03	ppb
Antimony	121-1	2.07	2.14	2.07	2.09	1.80	ppb
Arsenic	75-2	1.04	1.17	1.19	1.13	7.48	ppb
Barium	135-1	10.80	10.60	10.84	10.75	1.18	ppb
Barium	137-1	10.54	10.53	10.78	10.62	1.33	ppb
Beryllium	9-1	1.16	1.10	1.15	1.14	3.08	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	26.20	27.21	28.67	27.36	4.53	ppb
Boron	11-1	27.25	28.27	28.48	28.00	2.35	ppb
Cadmium	111-1	1.04	1.16	1.07	1.09	5.71	ppb
Cadmium	106-1	-0.61	1.15	-1.64	-0.37		ppb
Cadmium	108-1	1.02	1.05	1.23	1.10	10.45	ppb
Calcium	43-1	504.00	516.46	505.07	508.51	1.36	ppb
Calcium	44-1	505.88	502.87	503.46	504.07	0.32	ppb
Chromium	52-2	2.02	2.05	1.97	2.01	1.99	ppb
Cobalt	59-2	1.03	1.05	1.04	1.04	0.75	ppb
Copper	63-2	2.06	1.96	2.03	2.02	2.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	56.42	56.19	57.29	56.63	1.03	ppb
Iron	57-2	55.89	55.50	56.63	56.01	1.03	ppb
Krypton	83-1						cps
Lead	206-1	0.92	0.96	0.90	0.93	3.39	ppb
Lead	207-1	0.92	0.93	1.00	0.95	4.41	ppb
Lead	208-1	0.93	0.94	0.94	0.94	0.49	ppb
Lithium	6-1				105		%
Magnesium	24-2	567.07	569.62	564.10	566.93	0.49	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	LLOQ-WATER	Instrumnet Name :	P7
Client Sample ID :	LLOQ-WATER	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 15:38:04	DataFile Name :	036LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.02	1.07	1.12	1.07	4.90	ppb
Molybdenum	94-1	4.91	4.95	4.84	4.90	1.13	ppb
Molybdenum	95-1	5.28	5.22	5.23	5.25	0.65	ppb
Molybdenum	96-1	5.12	5.07	5.20	5.13	1.27	ppb
Molybdenum	97-1	5.29	5.16	5.12	5.19	1.67	ppb
Molybdenum	98-1	5.14	5.14	5.17	5.15	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.16	1.10	1.13	1.13	2.29	ppb
Phosphorus	31-2	23.33	48.13	20.30	30.59	49.92	ppb
Potassium	39-2	546.58	544.22	544.47	545.09	0.24	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	77-2	8.43	5.03	7.19	6.88	25.05	ppb
Selenium	78-2	5.68	5.30	6.52	5.83	10.70	ppb
Selenium	82-1	6.08	5.63	6.01	5.91	4.06	ppb
Silicon	28-1	8.71	8.93	9.68	9.11	5.56	ppb
Silver	109-1	1.17	1.20	1.19	1.19	1.20	ppb
Silver	107-1	1.21	1.19	1.17	1.19	1.39	ppb
Sodium	23-2	561.99	550.94	556.96	556.63	0.99	ppb
Strontium	86-1	1.00	1.04	0.99	1.01	2.82	ppb
Strontium	88-1	1.00	1.00	1.01	1.00	0.17	ppb
Sulfur	34-1	32.29	27.79	348.26	136.11	134.99	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.93	0.97	0.93	0.94	2.72	ppb
Thallium	205-1	0.96	0.98	0.94	0.96	2.33	ppb
Thorium	232-1	0.84	0.83	0.82	0.83	1.26	ppb
Tin	118-1	5.57	5.42	5.52	5.51	1.38	ppb
Titanium	47-1	5.13	5.24	5.46	5.28	3.19	ppb
Uranium	238-1	0.89	0.88	0.87	0.88	1.06	ppb
Vanadium	51-2	5.36	5.29	5.34	5.33	0.69	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	LLOQ-WATER	Instrumnet Name :	P7
Client Sample ID :	LLOQ-WATER	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 15:38:04	DataFile Name :	036LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.12	2.15	2.02	2.10	3.21	ppb
Zirconium	90-1	0.91	0.88	0.92	0.90	2.13	ppb
Zirconium	91-1	0.91	0.87	0.86	0.88	3.10	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	LLOQ-SOIL	Instrumnet Name :	P7
Client Sample ID :	LLOQ-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 15:41:45	DataFile Name :	037LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.91	21.17	19.89	21.66	9.49	ppb
Antimony	121-1	2.13	2.09	2.16	2.13	1.66	ppb
Arsenic	75-2	1.06	1.09	1.21	1.12	6.79	ppb
Barium	135-1	10.56	10.72	10.49	10.59	1.11	ppb
Barium	137-1	10.57	10.34	10.57	10.49	1.23	ppb
Beryllium	9-1	1.05	1.11	1.06	1.07	2.92	ppb
Bismuth	209-1				98		%
Bismuth	209-2				101		%
Boron	10-1	27.07	27.99	28.63	27.90	2.81	ppb
Boron	11-1	27.62	28.36	28.87	28.28	2.22	ppb
Cadmium	111-1	1.16	1.09	1.08	1.11	4.02	ppb
Cadmium	106-1	1.27	1.46	0.73	1.16	32.94	ppb
Cadmium	108-1	1.12	1.13	0.82	1.02	17.57	ppb
Calcium	43-1	530.99	510.81	516.59	519.46	2.00	ppb
Calcium	44-1	505.61	507.31	506.42	506.45	0.17	ppb
Chromium	52-2	1.98	2.02	1.98	1.99	1.37	ppb
Cobalt	59-2	1.04	1.03	1.03	1.03	0.50	ppb
Copper	63-2	2.06	2.01	2.06	2.05	1.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	56-2	56.96	56.27	56.95	56.73	0.70	ppb
Iron	57-2	56.36	55.73	56.31	56.13	0.62	ppb
Krypton	83-1						cps
Lead	206-1	0.95	0.94	0.90	0.93	2.52	ppb
Lead	207-1	0.91	0.91	0.96	0.93	3.17	ppb
Lead	208-1	0.94	0.94	0.93	0.93	0.49	ppb
Lithium	6-1				105		%
Magnesium	24-2	557.44	562.24	567.23	562.31	0.87	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	LLOQ-SOIL	Instrumnet Name :	P7
Client Sample ID :	LLOQ-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 15:41:45	DataFile Name :	037LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.02	1.02	1.02	1.02	0.21	ppb
Molybdenum	94-1	5.10	4.93	5.17	5.07	2.35	ppb
Molybdenum	95-1	5.11	5.39	5.15	5.22	2.92	ppb
Molybdenum	96-1	5.15	5.19	5.32	5.22	1.68	ppb
Molybdenum	97-1	5.19	5.35	5.18	5.24	1.85	ppb
Molybdenum	98-1	5.20	5.18	5.29	5.22	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	1.08	1.17	1.07	9.48	ppb
Phosphorus	31-2	45.74	31.74	29.46	35.65	24.72	ppb
Potassium	39-2	545.13	534.64	544.50	541.42	1.09	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				110		%
Selenium	77-2	4.91	5.46	4.57	4.98	9.03	ppb
Selenium	78-2	5.48	4.94	4.78	5.06	7.27	ppb
Selenium	82-1	5.77	5.79	6.18	5.92	3.90	ppb
Silicon	28-1	9.05	9.03	9.33	9.14	1.84	ppb
Silver	109-1	1.24	1.18	1.14	1.19	4.12	ppb
Silver	107-1	1.26	1.18	1.20	1.21	3.38	ppb
Sodium	23-2	557.63	550.56	559.85	556.01	0.87	ppb
Strontium	86-1	0.96	0.94	0.99	0.97	2.53	ppb
Strontium	88-1	1.03	1.00	1.00	1.01	1.61	ppb
Sulfur	34-1	240.87	208.70	218.99	222.85	7.37	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	0.94	1.01	0.97	0.97	3.46	ppb
Thallium	205-1	0.93	0.95	0.96	0.95	1.58	ppb
Thorium	232-1	0.82	0.83	0.82	0.82	0.29	ppb
Tin	118-1	5.66	5.48	5.35	5.50	2.78	ppb
Titanium	47-1	5.06	5.14	5.55	5.25	5.02	ppb
Uranium	238-1	0.90	0.88	0.89	0.89	1.08	ppb
Vanadium	51-2	5.26	5.32	5.33	5.30	0.67	ppb
Yttrium	89-1				104		%
Yttrium	89-2				106		%

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	LLOQ-SOIL	Instrumnet Name :	P7
Client Sample ID :	LLOQ-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 15:41:45	DataFile Name :	037LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.05	2.28	2.09	2.14	5.74	ppb
Zirconium	90-1	0.92	0.88	0.85	0.89	3.89	ppb
Zirconium	91-1	0.90	0.92	0.87	0.90	2.91	ppb

LB Number : LB106959 Operator : Jaswal
 Lab Sample ID : PBW Instrumnet Name : P7
 Client Sample ID : PBW Dilution Factor : 1
 Date & Time Acquired :: 2019-12-27 15:45:25 DataFile Name : 038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.02	-0.02	0.04	0.00	11848.54	ppb
Antimony	121-1	0.02	0.02	0.04	0.03	30.81	ppb
Arsenic	75-2	-0.01	0.00	-0.01	0.00		ppb
Barium	135-1	0.01	0.00	0.00	0.00	155.01	ppb
Barium	137-1	-0.01	0.00	0.00	0.00		ppb
Beryllium	9-1	0.02	0.01	0.01	0.01	34.33	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	3.29	2.84	2.82	2.98	8.92	ppb
Boron	11-1	3.15	3.11	2.97	3.07	3.09	ppb
Cadmium	111-1	-0.01	-0.01	0.00	-0.01		ppb
Cadmium	106-1	-0.54	-1.10	-0.37	-0.67		ppb
Cadmium	108-1	0.00	-0.01	-0.05	-0.02		ppb
Calcium	43-1	2.33	2.07	0.14	1.52	79.12	ppb
Calcium	44-1	-0.18	-0.80	-0.92	-0.63		ppb
Chromium	52-2	-0.01	-0.03	-0.03	-0.03		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.00	0.00	0.00	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	0.00	0.13	0.21	0.11	95.24	ppb
Iron	57-2	0.01	0.12	0.19	0.11	84.38	ppb
Krypton	83-1						cps
Lead	206-1	-0.03	-0.03	-0.01	-0.02		ppb
Lead	207-1	-0.01	-0.03	-0.01	-0.02		ppb
Lead	208-1	-0.02	-0.02	-0.01	-0.02		ppb
Lithium	6-1				106		%
Magnesium	24-2	0.78	0.73	0.90	0.81	10.97	ppb

LB Number : LB106959 Operator : Jaswal
 Lab Sample ID : PBW Instrumnet Name : P7
 Client Sample ID : PBW Dilution Factor : 1
 Date & Time Acquired :: 2019-12-27 15:45:25 DataFile Name : 038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	0.00	0.00		ppb
Molybdenum	94-1	0.03	0.03	0.04	0.04	13.75	ppb
Molybdenum	95-1	0.01	0.03	0.04	0.02	51.21	ppb
Molybdenum	96-1	0.03	0.03	0.03	0.03	4.12	ppb
Molybdenum	97-1	0.02	0.03	0.02	0.02	38.58	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	11.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.00	0.01	0.01	105.31	ppb
Phosphorus	31-2	-34.10	-31.85	-28.12	-31.35		ppb
Potassium	39-2	9.40	8.37	9.08	8.95	5.89	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				108		%
Selenium	77-2	-0.10	-0.10	-0.10	-0.10		ppb
Selenium	78-2	0.15	-0.57	-0.37	-0.26		ppb
Selenium	82-1	0.14	0.04	-0.07	0.04	282.17	ppb
Silicon	28-1	0.07	0.07	-0.32	-0.06		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	5.13	6.69	3.65	5.16	29.42	ppb
Strontium	86-1	-0.01	0.02	-0.01	0.00	7905.94	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	83.59	ppb
Sulfur	34-1	229.69	210.92	181.78	207.46	11.64	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.02	0.01	0.02	0.02	40.54	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	12.93	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	2.18	ppb
Tin	118-1	0.03	0.04	0.04	0.04	17.13	ppb
Titanium	47-1	0.01	0.02	0.02	0.02	19.81	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	99.52	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P7
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 15:45:25	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.01	-0.06	0.08	0.00	3050.78	ppb
Zirconium	90-1	0.01	0.00	0.02	0.01	83.27	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	200.58	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P7
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 15:49:05	DataFile Name :	039LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10219.39	10050.13	9902.37	10057.30	1.58	ppb
Antimony	121-1	527.23	527.62	515.18	523.34	1.35	ppb
Arsenic	75-2	524.48	519.58	513.15	519.07	1.09	ppb
Barium	135-1	2574.17	2601.15	2542.54	2572.62	1.14	ppb
Barium	137-1	2571.33	2586.86	2532.16	2563.45	1.10	ppb
Beryllium	9-1	516.46	518.82	512.67	515.99	0.60	ppb
Bismuth	209-1				94		%
Bismuth	209-2				91		%
Boron	10-1	493.46	495.10	515.39	501.32	2.44	ppb
Boron	11-1	485.67	499.97	511.47	499.04	2.59	ppb
Cadmium	111-1	518.38	518.88	506.46	514.57	1.37	ppb
Cadmium	106-1	523.98	529.13	524.28	525.80	0.55	ppb
Cadmium	108-1	525.65	527.32	513.57	522.18	1.44	ppb
Calcium	43-1	53037.41	52837.42	51997.74	52624.19	1.05	ppb
Calcium	44-1	52616.71	52745.06	51738.24	52366.67	1.05	ppb
Chromium	52-2	501.23	492.78	486.37	493.46	1.51	ppb
Cobalt	59-2	499.33	493.86	487.05	493.42	1.25	ppb
Copper	63-2	964.20	943.15	933.65	947.00	1.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				96		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	26297.09	25980.14	25762.55	26013.26	1.03	ppb
Iron	57-2	25637.16	25330.53	25112.07	25359.92	1.04	ppb
Krypton	83-1						cps
Lead	206-1	487.73	490.52	490.67	489.64	0.34	ppb
Lead	207-1	492.03	498.87	495.55	495.48	0.69	ppb
Lead	208-1	495.23	495.96	492.22	494.47	0.40	ppb
Lithium	6-1				98		%
Magnesium	24-2	53611.98	52846.12	52120.44	52859.52	1.41	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P7
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 15:49:05	DataFile Name :	039LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	993.56	981.91	977.49	984.32	0.84	ppb
Molybdenum	94-1	2506.55	2524.71	2490.76	2507.34	0.68	ppb
Molybdenum	95-1	2509.56	2532.43	2468.43	2503.47	1.30	ppb
Molybdenum	96-1	2501.05	2504.22	2445.10	2483.45	1.34	ppb
Molybdenum	97-1	2497.84	2506.17	2464.68	2489.56	0.88	ppb
Molybdenum	98-1	2508.90	2517.61	2483.73	2503.41	0.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.49	491.28	487.38	493.39	1.48	ppb
Phosphorus	31-2	10673.64	10407.56	10093.87	10391.69	2.79	ppb
Potassium	39-2	25808.06	25463.46	25422.80	25564.77	0.83	ppb
Rhodium	103-1				94		%
Rhodium	103-2				92		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	77-2	486.90	523.68	508.58	506.39	3.65	ppb
Selenium	78-2	533.76	524.65	516.97	525.13	1.60	ppb
Selenium	82-1	519.76	523.39	515.48	519.54	0.76	ppb
Silicon	28-1	490.78	494.45	488.06	491.10	0.65	ppb
Silver	109-1	531.78	528.16	525.19	528.38	0.62	ppb
Silver	107-1	529.43	530.66	523.12	527.74	0.77	ppb
Sodium	23-2	53413.82	52620.57	52034.29	52689.56	1.31	ppb
Strontium	86-1	503.59	506.59	501.11	503.76	0.54	ppb
Strontium	88-1	505.81	501.98	499.40	502.40	0.64	ppb
Sulfur	34-1	10782.27	10703.07	10239.82	10575.05	2.77	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	496.76	495.71	498.90	497.12	0.33	ppb
Thallium	205-1	496.61	499.45	496.43	497.49	0.34	ppb
Thorium	232-1	484.82	486.95	486.44	486.07	0.23	ppb
Tin	118-1	530.97	533.59	518.35	527.64	1.54	ppb
Titanium	47-1	2529.61	2530.52	2456.07	2505.40	1.71	ppb
Uranium	238-1	480.04	487.11	487.26	484.81	0.85	ppb
Vanadium	51-2	500.47	491.30	488.83	493.53	1.24	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P7
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 15:49:05	DataFile Name :	039LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	961.81	959.82	943.24	954.96	1.07	ppb
Zirconium	90-1	502.62	503.92	493.70	500.08	1.11	ppb
Zirconium	91-1	499.95	504.66	497.15	500.59	0.76	ppb

LB Number : LB106959 Operator : Jaswal
 Lab Sample ID : PBS Instrumnet Name : P7
 Client Sample ID : PBS Dilution Factor : 1
 Date & Time Acquired :: 2019-12-27 16:04:06 DataFile Name : 040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.42	-0.02	0.11	0.17	134.52	ppb
Antimony	121-1	0.15	0.15	0.16	0.15	4.97	ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.00	0.01	0.01	0.01	99.77	ppb
Barium	137-1	0.01	0.00	0.00	0.00	49.43	ppb
Beryllium	9-1	0.02	0.01	0.01	0.01	61.40	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	2.61	2.58	2.70	2.63	2.40	ppb
Boron	11-1	2.74	3.00	2.63	2.79	6.86	ppb
Cadmium	111-1	-0.05	-0.01	-0.04	-0.04		ppb
Cadmium	106-1	-2.45	-1.16	-2.12	-1.91		ppb
Cadmium	108-1	0.02	0.00	-0.01	0.00	606.50	ppb
Calcium	43-1	0.73	1.37	-1.10	0.33	387.94	ppb
Calcium	44-1	-1.14	-1.42	-0.85	-1.14		ppb
Chromium	52-2	-0.02	-0.02	-0.04	-0.03		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	122.93	ppb
Copper	63-2	-0.02	0.00	-0.01	-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				102		%
Holmium	165-2				100		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	0.12	0.04	0.14	0.10	54.74	ppb
Iron	57-2	0.11	0.02	0.13	0.09	62.50	ppb
Krypton	83-1						cps
Lead	206-1	-0.02	-0.02	-0.02	-0.02		ppb
Lead	207-1	-0.02	-0.01	-0.02	-0.02		ppb
Lead	208-1	-0.01	-0.02	-0.02	-0.02		ppb
Lithium	6-1				107		%
Magnesium	24-2	0.41	0.53	0.80	0.58	33.97	ppb

LB Number : LB106959 Operator : Jaswal
 Lab Sample ID : PBS Instrumnet Name : P7
 Client Sample ID : PBS Dilution Factor : 1
 Date & Time Acquired :: 2019-12-27 16:04:06 DataFile Name : 040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.00	0.00	0.00	536.16	ppb
Molybdenum	94-1	0.04	0.07	0.06	0.06	20.51	ppb
Molybdenum	95-1	0.05	0.04	0.04	0.04	20.95	ppb
Molybdenum	96-1	0.06	0.04	0.04	0.05	20.91	ppb
Molybdenum	97-1	0.05	0.04	0.03	0.04	22.77	ppb
Molybdenum	98-1	0.05	0.03	0.03	0.04	35.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	0.01	0.00	3046.04	ppb
Phosphorus	31-2	-23.31	-18.30	-31.76	-24.45		ppb
Potassium	39-2	6.60	7.36	7.78	7.25	8.31	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				108		%
Selenium	77-2	-0.10	-0.10	-0.10	-0.10		ppb
Selenium	78-2	-0.22	0.22	-0.18	-0.06		ppb
Selenium	82-1	0.22	-0.01	0.07	0.09	126.66	ppb
Silicon	28-1	-0.61	-0.67	-0.56	-0.61		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	-0.01	0.00	0.00		ppb
Sodium	23-2	4.35	4.22	4.11	4.23	2.89	ppb
Strontium	86-1	-0.01	0.02	0.00	0.01	228.62	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	4.14	ppb
Sulfur	34-1	-42.79	-13.38	-8.50	-21.56		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.01	0.01	0.01	26.30	ppb
Thallium	205-1	0.02	0.01	0.01	0.02	37.66	ppb
Thorium	232-1	0.04	0.03	0.04	0.04	13.80	ppb
Tin	118-1	0.03	0.03	0.04	0.04	20.16	ppb
Titanium	47-1	0.02	0.07	0.02	0.04	71.65	ppb
Uranium	238-1	0.01	0.00	0.01	0.01	19.09	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	910.03	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P7
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 16:04:06	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.13	-0.03	-0.14	-0.01		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	13.10	ppb
Zirconium	91-1	0.00	0.01	0.00	0.01	95.92	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P7
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 16:07:45	DataFile Name :	041LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10156.68	10234.22	10261.05	10217.32	0.53	ppb
Antimony	121-1	520.67	520.71	524.09	521.82	0.38	ppb
Arsenic	75-2	524.20	524.86	524.11	524.39	0.08	ppb
Barium	135-1	2566.11	2522.10	2564.62	2550.94	0.98	ppb
Barium	137-1	2552.09	2551.46	2536.41	2546.65	0.35	ppb
Beryllium	9-1	510.75	517.32	521.12	516.40	1.02	ppb
Bismuth	209-1				93		%
Bismuth	209-2				89		%
Boron	10-1	490.11	514.52	518.19	507.61	3.01	ppb
Boron	11-1	495.25	506.00	517.44	506.23	2.19	ppb
Cadmium	111-1	514.68	515.23	520.86	516.92	0.66	ppb
Cadmium	106-1	521.29	522.83	529.27	524.46	0.81	ppb
Cadmium	108-1	522.69	517.64	525.71	522.01	0.78	ppb
Calcium	43-1	50988.92	53076.92	52561.25	52209.03	2.08	ppb
Calcium	44-1	51651.96	52716.20	52364.74	52244.30	1.04	ppb
Chromium	52-2	498.08	501.12	502.64	500.61	0.46	ppb
Cobalt	59-2	496.66	501.96	501.01	499.88	0.57	ppb
Copper	63-2	949.10	958.92	961.22	956.42	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				98		%
Holmium	165-2				93		%
Indium	115-1				96		%
Indium	115-2				92		%
Iron	56-2	26386.26	26371.14	26199.24	26318.88	0.39	ppb
Iron	57-2	25729.35	25717.42	25540.69	25662.49	0.41	ppb
Krypton	83-1						cps
Lead	206-1	482.26	493.11	488.11	487.83	1.11	ppb
Lead	207-1	489.53	499.49	492.35	493.79	1.04	ppb
Lead	208-1	491.85	499.79	494.85	495.49	0.81	ppb
Lithium	6-1				97		%
Magnesium	24-2	53541.37	53978.90	54277.35	53932.54	0.69	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P7
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 16:07:45	DataFile Name :	041LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	990.36	994.34	997.97	994.22	0.38	ppb
Molybdenum	94-1	2470.02	2504.63	2518.64	2497.76	1.00	ppb
Molybdenum	95-1	2482.85	2526.17	2492.01	2500.34	0.91	ppb
Molybdenum	96-1	2475.55	2511.67	2501.80	2496.34	0.75	ppb
Molybdenum	97-1	2475.26	2507.98	2474.03	2485.76	0.77	ppb
Molybdenum	98-1	2505.10	2511.74	2485.09	2500.64	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.42	503.20	503.16	501.26	0.66	ppb
Phosphorus	31-2	10477.77	10448.04	10342.06	10422.62	0.68	ppb
Potassium	39-2	25750.55	25814.61	25578.93	25714.70	0.47	ppb
Rhodium	103-1				92		%
Rhodium	103-2				90		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	77-2	514.14	531.95	505.28	517.12	2.63	ppb
Selenium	78-2	521.89	536.14	525.42	527.82	1.41	ppb
Selenium	82-1	515.25	521.42	526.75	521.14	1.10	ppb
Silicon	28-1	491.54	508.72	505.55	501.94	1.82	ppb
Silver	109-1	534.71	528.61	533.14	532.15	0.60	ppb
Silver	107-1	531.36	528.78	533.40	531.18	0.44	ppb
Sodium	23-2	53507.05	53454.39	53598.61	53520.02	0.14	ppb
Strontium	86-1	499.53	506.08	507.35	504.32	0.83	ppb
Strontium	88-1	498.34	506.26	500.33	501.64	0.82	ppb
Sulfur	34-1	10260.82	10528.42	10296.00	10361.75	1.40	ppb
Terbium	159-1				99		%
Terbium	159-2				94		%
Thallium	203-1	491.53	502.42	497.64	497.20	1.10	ppb
Thallium	205-1	494.25	500.76	496.09	497.04	0.68	ppb
Thorium	232-1	481.65	486.31	485.24	484.40	0.50	ppb
Tin	118-1	524.20	524.71	527.32	525.41	0.32	ppb
Titanium	47-1	2458.67	2531.63	2520.12	2503.47	1.57	ppb
Uranium	238-1	484.18	492.24	481.02	485.81	1.19	ppb
Vanadium	51-2	496.84	503.74	503.71	501.43	0.79	ppb
Yttrium	89-1				98		%
Yttrium	89-2				94		%

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P7
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 16:07:45	DataFile Name :	041LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	955.92	973.66	962.87	964.15	0.93	ppb
Zirconium	90-1	498.33	502.79	503.43	501.52	0.55	ppb
Zirconium	91-1	503.44	501.97	504.58	503.33	0.26	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 16:11:24	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50741.42	50768.66	51326.35	50945.48	0.65	ppb
Antimony	121-1	498.93	504.72	505.16	502.94	0.69	ppb
Arsenic	75-2	518.94	512.86	518.69	516.83	0.67	ppb
Barium	135-1	2461.41	2504.59	2477.68	2481.23	0.88	ppb
Barium	137-1	2440.81	2505.36	2482.68	2476.28	1.32	ppb
Beryllium	9-1	500.22	502.74	502.96	501.97	0.30	ppb
Bismuth	209-1				83		%
Bismuth	209-2				79		%
Boron	10-1	493.48	494.83	505.78	498.03	1.35	ppb
Boron	11-1	496.46	498.16	506.97	500.53	1.13	ppb
Cadmium	111-1	529.93	531.98	532.24	531.38	0.24	ppb
Cadmium	106-1	529.20	536.96	542.21	536.12	1.22	ppb
Cadmium	108-1	528.82	542.37	538.66	536.62	1.31	ppb
Calcium	43-1	245028.14	243741.49	245664.15	244811.26	0.40	ppb
Calcium	44-1	243621.22	245623.84	246073.99	245106.35	0.53	ppb
Chromium	52-2	505.63	501.33	499.86	502.27	0.60	ppb
Cobalt	59-2	477.01	478.86	476.39	477.42	0.27	ppb
Copper	63-2	1023.59	1023.50	1025.42	1024.17	0.11	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				92		%
Holmium	165-2				89		%
Indium	115-1				89		%
Indium	115-2				88		%
Iron	56-2	123731.75	122296.35	122738.17	122922.09	0.60	ppb
Iron	57-2	123197.92	121812.52	122234.44	122414.96	0.58	ppb
Krypton	83-1						cps
Lead	206-1	504.59	507.68	510.84	507.70	0.62	ppb
Lead	207-1	511.01	517.56	512.09	513.55	0.68	ppb
Lead	208-1	509.83	513.21	513.07	512.04	0.37	ppb
Lithium	6-1				89		%
Magnesium	24-2	248876.35	250448.40	252533.40	250619.38	0.73	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 16:11:24	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	977.61	971.41	968.39	972.47	0.48	ppb
Molybdenum	94-1	2424.77	2479.52	2472.96	2459.08	1.22	ppb
Molybdenum	95-1	2445.39	2479.02	2494.23	2472.88	1.01	ppb
Molybdenum	96-1	2453.00	2464.94	2479.34	2465.76	0.53	ppb
Molybdenum	97-1	2437.17	2439.41	2516.13	2464.24	1.82	ppb
Molybdenum	98-1	2466.09	2476.82	2494.25	2479.06	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	478.12	473.68	474.87	475.55	0.48	ppb
Phosphorus	31-2	9896.14	9847.57	10088.43	9944.05	1.28	ppb
Potassium	39-2	125085.17	124859.18	125656.29	125200.21	0.33	ppb
Rhodium	103-1				82		%
Rhodium	103-2				80		%
Scandium	45-1				90		%
Scandium	45-2				91		%
Selenium	77-2	479.42	504.06	511.13	498.21	3.34	ppb
Selenium	78-2	506.88	511.24	506.94	508.35	0.49	ppb
Selenium	82-1	497.22	502.10	503.99	501.10	0.70	ppb
Silicon	28-1	516.95	518.31	526.13	520.46	0.95	ppb
Silver	109-1	513.12	515.88	508.00	512.33	0.78	ppb
Silver	107-1	506.30	515.03	509.09	510.14	0.87	ppb
Sodium	23-2	250750.33	250293.49	252000.52	251014.78	0.35	ppb
Strontium	86-1	484.63	495.28	490.66	490.19	1.09	ppb
Strontium	88-1	481.53	492.10	490.37	488.00	1.16	ppb
Sulfur	34-1	10215.50	10193.82	10343.77	10251.03	0.79	ppb
Terbium	159-1				93		%
Terbium	159-2				90		%
Thallium	203-1	507.18	513.77	513.59	511.51	0.73	ppb
Thallium	205-1	511.40	516.62	510.35	512.79	0.66	ppb
Thorium	232-1	508.01	516.62	509.18	511.27	0.91	ppb
Tin	118-1	486.43	499.34	496.36	494.05	1.37	ppb
Titanium	47-1	2450.14	2471.59	2470.00	2463.91	0.49	ppb
Uranium	238-1	500.05	513.15	508.76	507.32	1.31	ppb
Vanadium	51-2	499.46	494.79	498.81	497.69	0.51	ppb
Yttrium	89-1				92		%
Yttrium	89-2				91		%

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 16:11:24	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	966.73	963.44	967.73	965.97	0.23	ppb
Zirconium	90-1	489.05	490.69	490.86	490.20	0.20	ppb
Zirconium	91-1	485.32	494.54	490.02	489.96	0.94	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 16:19:14	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.23	2.68	3.05	2.65	15.46	ppb
Antimony	121-1	0.24	0.25	0.27	0.25	6.79	ppb
Arsenic	75-2	0.01	0.02	0.03	0.02	31.08	ppb
Barium	135-1	0.15	0.12	0.15	0.14	11.20	ppb
Barium	137-1	0.12	0.10	0.13	0.11	12.77	ppb
Beryllium	9-1	0.03	0.03	0.08	0.05	59.79	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Boron	10-1	6.53	6.15	5.94	6.21	4.75	ppb
Boron	11-1	6.55	6.16	6.10	6.27	3.89	ppb
Cadmium	111-1	0.00	0.02	0.01	0.01	83.28	ppb
Cadmium	106-1	-1.66	-0.88	-0.97	-1.17		ppb
Cadmium	108-1	0.02	0.02	0.06	0.03	76.12	ppb
Calcium	43-1	10.37	9.08	11.98	10.48	13.87	ppb
Calcium	44-1	9.55	8.27	7.89	8.57	10.17	ppb
Chromium	52-2	0.01	0.00	-0.01	0.00	242.81	ppb
Cobalt	59-2	0.02	0.02	0.03	0.02	22.78	ppb
Copper	63-2	0.04	0.06	0.06	0.05	16.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				96		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	5.70	5.87	5.80	5.79	1.44	ppb
Iron	57-2	5.69	5.81	5.77	5.76	1.02	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.02	0.00	288.90	ppb
Lead	207-1	0.01	0.00	0.02	0.01	66.46	ppb
Lead	208-1	0.01	0.00	0.02	0.01	67.49	ppb
Lithium	6-1				104		%
Magnesium	24-2	11.16	12.83	11.62	11.87	7.25	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 16:19:14	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.03	0.05	0.05	0.04	19.46	ppb
Molybdenum	94-1	0.21	0.21	0.20	0.21	4.23	ppb
Molybdenum	95-1	0.19	0.19	0.22	0.20	10.47	ppb
Molybdenum	96-1	0.20	0.21	0.21	0.21	0.97	ppb
Molybdenum	97-1	0.17	0.19	0.23	0.20	15.00	ppb
Molybdenum	98-1	0.20	0.19	0.20	0.20	2.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.03	0.03	0.03	26.64	ppb
Phosphorus	31-2	-28.24	-38.63	-28.59	-31.82		ppb
Potassium	39-2	17.75	19.33	20.70	19.26	7.66	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	77-2	0.21	-0.10	-0.10	0.00	14321.11	ppb
Selenium	78-2	0.65	-0.10	-0.48	0.02	2459.97	ppb
Selenium	82-1	-0.28	0.28	0.22	0.08	410.93	ppb
Silicon	28-1	-0.06	-0.28	-0.09	-0.14		ppb
Silver	109-1	0.02	0.02	0.02	0.02	15.25	ppb
Silver	107-1	0.02	0.03	0.02	0.03	24.40	ppb
Sodium	23-2	28.65	29.26	27.39	28.43	3.34	ppb
Strontium	86-1	0.03	0.09	0.03	0.05	71.70	ppb
Strontium	88-1	0.02	0.02	0.02	0.02	4.02	ppb
Sulfur	34-1	-156.39	-169.87	-95.33	-140.53		ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	0.05	0.06	0.06	0.06	12.60	ppb
Thallium	205-1	0.06	0.06	0.05	0.05	12.73	ppb
Thorium	232-1	0.06	0.06	0.06	0.06	3.67	ppb
Tin	118-1	0.09	0.11	0.12	0.11	14.78	ppb
Titanium	47-1	0.15	0.12	0.13	0.13	12.30	ppb
Uranium	238-1	0.02	0.02	0.03	0.02	19.77	ppb
Vanadium	51-2	0.03	0.02	0.02	0.02	36.42	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 16:19:14	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.01	0.12	0.07	0.07	80.15	ppb
Zirconium	90-1	0.03	0.04	0.06	0.04	28.94	ppb
Zirconium	91-1	0.03	0.06	0.04	0.04	23.09	ppb

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 12:22:44	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	42	33	33	25.01	cps
Antimony	121-1	92	50	58	67	33.07	cps
Arsenic	75-2	6	9	7	7	24.97	cps
Barium	135-1	25	25	33	28	17.31	cps
Barium	137-1	50	75	50	58	24.74	cps
Beryllium	9-1	44	106	78	76	40.30	cps
Bismuth	209-1	13671527	13766823	13893965	13777439	0.81	cps
Bismuth	209-2	7582214	7578799	7611897	7590970	0.24	cps
Boron	10-1	558	442	558	519	12.97	cps
Boron	11-1	2142	2117	2100	2120	0.99	cps
Cadmium	111-1	1847	1801	1876	1841	2.07	cps
Cadmium	106-1	9228	8928	9420	9192	2.70	cps
Cadmium	108-1	33	8	29	24	56.74	cps
Calcium	43-1	283	275	275	278	1.73	cps
Calcium	44-1	13773	14274	13490	13846	2.87	cps
Chromium	52-2	1207	1230	1163	1200	2.82	cps
Cobalt	59-2	90	63	67	73	19.81	cps
Copper	63-2	697	713	727	712	2.11	cps
Dysprosium	156-1	33	33	33	33	0.00	cps
Dysprosium	156-2	43	23	33	33	30.00	cps
Erbium	164-1	108	100	108	106	4.56	cps
Erbium	164-2	37	63	90	63	42.10	cps
Gadolinium	160-1	117	142	142	133	10.83	cps
Gadolinium	160-2	257	280	260	266	4.75	cps
Holmium	165-1	21347804	21740384	21691390	21593192	0.99	cps
Holmium	165-2	10083625	10156292	10061647	10100521	0.49	cps
Indium	115-1	17693065	17559491	17932439	17728332	1.07	cps
Indium	115-2	2829594	2834471	2854743	2839602	0.47	cps
Iron	56-2	3712	3617	3684	3671	1.32	cps
Iron	57-2	3863	3842	3867	3857	0.35	cps
Krypton	83-1	790	783	750	774	2.77	cps
Lead	206-1	1495	1522	1378	1465	5.23	cps
Lead	207-1	1361	1300	1222	1295	5.38	cps
Lead	208-1	5384	5389	5162	5312	2.45	cps
Lithium	6-1	5309296	5325877	5356079	5330417	0.44	cps
Magnesium	24-2	192	217	208	206	6.19	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 12:22:44	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	43	37	33	38	13.48	cps
Molybdenum	94-1	367	383	325	358	8.39	cps
Molybdenum	95-1	108	25	83	72	59.21	cps
Molybdenum	96-1	133	192	108	144	29.61	cps
Molybdenum	97-1	92	75	108	92	18.18	cps
Molybdenum	98-1	150	75	175	133	39.03	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	73	50	60	61	19.15	cps
Phosphorus	31-2	150	108	150	136	17.67	cps
Potassium	39-2	18679	18763	18654	18698	0.30	cps
Rhodium	103-1	16319257	16117676	16443147	16293360	1.01	cps
Rhodium	103-2	7090112	7106034	7167233	7121126	0.57	cps
Scandium	45-1	11587552	11526161	11618426	11577380	0.41	cps
Scandium	45-2	405604	402868	403110	403861	0.38	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	50	78	67	65	21.57	cps
Selenium	82-1	-30	-112	17	-42	-156.61	cps
Silicon	28-1	204125	204646	206742	205171	0.68	cps
Silver	109-1	108	142	108	119	16.11	cps
Silver	107-1	200	175	258	211	20.26	cps
Sodium	23-2	12839	12856	13190	12962	1.53	cps
Strontium	86-1	1075	1200	1217	1164	6.65	cps
Strontium	88-1	117	58	108	94	33.40	cps
Sulfur	34-1	533122	542277	538912	538104	0.86	cps
Terbium	159-1	22471909	22151361	22547733	22390334	0.94	cps
Terbium	159-2	9927750	10010727	9975767	9971415	0.42	cps
Thallium	203-1	558	617	625	600	6.05	cps
Thallium	205-1	1033	1083	950	1022	6.59	cps
Thorium	232-1	2095	2011	1950	2019	3.59	cps
Tin	118-1	1008	933	1050	997	5.93	cps
Titanium	47-1	125	133	75	111	28.40	cps
Uranium	238-1	2075	2292	2317	2228	5.97	cps
Vanadium	51-2	7	7	7	7	0.00	cps
Yttrium	89-1	21559866	21505879	21680913	21582219	0.42	cps
Yttrium	89-2	2464349	2450291	2477148	2463929	0.55	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 12:22:44	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	887	790	803	827	6.34	cps
Zirconium	90-1	1058	1117	967	1047	7.22	cps
Zirconium	91-1	208	183	200	197	6.45	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 12:26:22	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2467	2575	2684	2575	4.21	cps
Antimony	121-1	26985	27787	27962	27578	1.89	cps
Arsenic	75-2	396	426	393	405	4.51	cps
Barium	135-1	35747	35814	35905	35822	0.22	cps
Barium	137-1	60516	60826	62165	61169	1.43	cps
Beryllium	9-1	3284	3178	3523	3328	5.30	cps
Bismuth	209-1	13913715	14021369	14218505	14051196	1.10	cps
Bismuth	209-2	7624513	7508807	7626934	7586751	0.89	cps
Boron	10-1	14357	14758	14558	14557	1.38	cps
Boron	11-1	68840	69167	70415	69474	1.20	cps
Cadmium	111-1	5772	5976	5741	5830	2.19	cps
Cadmium	106-1	9420	9854	9295	9523	3.08	cps
Cadmium	108-1	333	279	258	290	13.34	cps
Calcium	43-1	24446	23169	24012	23876	2.72	cps
Calcium	44-1	400628	401905	404692	402408	0.52	cps
Chromium	52-2	8909	8703	8606	8739	1.77	cps
Cobalt	59-2	6415	6665	6715	6598	2.44	cps
Copper	63-2	10020	10000	9950	9990	0.36	cps
Dysprosium	156-1	33	50	0	28	91.65	cps
Dysprosium	156-2	13	43	43	33	51.97	cps
Erbium	164-1	158	133	133	142	10.19	cps
Erbium	164-2	63	93	80	79	19.06	cps
Gadolinium	160-1	117	150	175	147	19.88	cps
Gadolinium	160-2	280	333	297	303	8.99	cps
Holmium	165-1	21493785	21808015	22164484	21822095	1.54	cps
Holmium	165-2	10093142	10002105	10011944	10035730	0.50	cps
Indium	115-1	17734235	17786652	18243735	17921541	1.56	cps
Indium	115-2	2859546	2827281	2843664	2843497	0.57	cps
Iron	56-2	174440	173546	172169	173385	0.66	cps
Iron	57-2	177013	176009	174448	175823	0.74	cps
Krypton	83-1	727	820	767	771	6.07	cps
Lead	206-1	12551	12584	12823	12653	1.17	cps
Lead	207-1	11655	10755	11394	11268	4.11	cps
Lead	208-1	51050	49827	51245	50708	1.52	cps
Lithium	6-1	5364187	5395941	5492879	5417669	1.24	cps
Magnesium	24-2	155228	151451	150311	152330	1.69	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 12:26:22	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2134	2260	2234	2209	3.02	cps
Molybdenum	94-1	28396	28404	29181	28660	1.57	cps
Molybdenum	95-1	37726	37350	38111	37729	1.01	cps
Molybdenum	96-1	41152	40893	41729	41258	1.04	cps
Molybdenum	97-1	23771	23729	24238	23913	1.18	cps
Molybdenum	98-1	58613	60036	61283	59977	2.23	cps
Neodymium	150-1	0	13	27	13	100.01	cps
Neodymium	150-2	7	10	3	7	50.03	cps
Nickel	60-2	2080	1880	1893	1951	5.73	cps
Phosphorus	31-2	450	467	483	467	3.57	cps
Potassium	39-2	147577	146164	146729	146823	0.48	cps
Rhodium	103-1	16344892	16212292	16770361	16442515	1.77	cps
Rhodium	103-2	6984140	7027316	7108024	7039826	0.89	cps
Scandium	45-1	11703254	11747466	12004752	11818491	1.38	cps
Scandium	45-2	402444	401763	407666	403957	0.80	cps
Selenium	77-2	63	57	70	63	10.52	cps
Selenium	78-2	248	280	320	283	12.81	cps
Selenium	82-1	1858	1804	1921	1861	3.16	cps
Silicon	28-1	300549	300234	303089	301290	0.52	cps
Silver	109-1	20065	19481	19873	19806	1.50	cps
Silver	107-1	20758	21016	21659	21144	2.19	cps
Sodium	23-2	300924	303514	299076	301171	0.74	cps
Strontium	86-1	5960	5952	6160	6024	1.96	cps
Strontium	88-1	41143	40408	41436	40996	1.29	cps
Sulfur	34-1	556105	556957	562718	558593	0.64	cps
Terbium	159-1	22461876	22602295	23202416	22755529	1.73	cps
Terbium	159-2	10071158	9845027	9958811	9958332	1.14	cps
Thallium	203-1	13866	13816	14183	13955	1.43	cps
Thallium	205-1	33836	33476	34228	33847	1.11	cps
Thorium	232-1	38507	38301	37209	38006	1.83	cps
Tin	118-1	64289	61870	64851	63670	2.49	cps
Titanium	47-1	10938	11146	11555	11213	2.80	cps
Uranium	238-1	47454	47747	47689	47630	0.33	cps
Vanadium	51-2	15919	15782	15635	15779	0.90	cps
Yttrium	89-1	21803741	21853942	22208884	21955522	1.01	cps
Yttrium	89-2	2470178	2464645	2496734	2477186	0.69	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 12:26:22	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2380	2314	2327	2340	1.51	cps
Zirconium	90-1	21350	20532	19731	20538	3.94	cps
Zirconium	91-1	4743	4251	4234	4409	6.55	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 12:31:08	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	119954	119122	116980	118685	1.29	cps
Antimony	121-1	712522	733582	720053	722052	1.48	cps
Arsenic	75-2	20424	20294	19676	20131	1.98	cps
Barium	135-1	895615	923391	911656	910220	1.53	cps
Barium	137-1	1559726	1599031	1576886	1578548	1.25	cps
Beryllium	9-1	171743	175643	170839	172741	1.48	cps
Bismuth	209-1	14212701	14333347	14119169	14221739	0.76	cps
Bismuth	209-2	7630689	7476438	7427657	7511595	1.41	cps
Boron	10-1	28336	29964	31225	29841	4.85	cps
Boron	11-1	136665	141415	143217	140432	2.41	cps
Cadmium	111-1	209309	212654	207543	209835	1.24	cps
Cadmium	106-1	35554	34827	34510	34964	1.53	cps
Cadmium	108-1	16869	17198	17269	17112	1.25	cps
Calcium	43-1	253070	255912	251237	253406	0.93	cps
Calcium	44-1	4026979	4136362	4079885	4081075	1.34	cps
Chromium	52-2	193286	192242	188832	191454	1.22	cps
Cobalt	59-2	324592	325515	323517	324541	0.31	cps
Copper	63-2	472891	467704	460075	466890	1.38	cps
Dysprosium	156-1	42	50	42	44	10.82	cps
Dysprosium	156-2	17	40	37	31	40.56	cps
Erbium	164-1	50	133	142	108	46.79	cps
Erbium	164-2	83	90	77	83	8.00	cps
Gadolinium	160-1	150	183	183	172	11.17	cps
Gadolinium	160-2	270	363	283	306	16.52	cps
Holmium	165-1	22079398	22299298	22333656	22237451	0.62	cps
Holmium	165-2	10232218	10030453	9938640	10067104	1.49	cps
Indium	115-1	17844719	18253088	18007861	18035223	1.14	cps
Indium	115-2	2833824	2791492	2764056	2796458	1.26	cps
Iron	56-2	8157608	8052930	7985160	8065233	1.08	cps
Iron	57-2	8141267	8033901	7966615	8047261	1.09	cps
Krypton	83-1	763	827	757	782	4.94	cps
Lead	206-1	592811	602165	603832	599603	0.99	cps
Lead	207-1	523562	531361	530304	528409	0.80	cps
Lead	208-1	2372958	2427734	2418261	2406318	1.22	cps
Lithium	6-1	5393310	5469850	5365421	5409527	1.00	cps
Magnesium	24-2	1498621	1471552	1454599	1474924	1.51	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 12:31:08	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	220034	220510	216541	219028	0.99	cps
Molybdenum	94-1	1522639	1529895	1496775	1516436	1.15	cps
Molybdenum	95-1	1850972	1868186	1825832	1848330	1.15	cps
Molybdenum	96-1	2039991	2065392	2030676	2045353	0.88	cps
Molybdenum	97-1	1141600	1154496	1154102	1150066	0.64	cps
Molybdenum	98-1	2949723	2957407	2955287	2954139	0.13	cps
Neodymium	150-1	80	147	100	109	31.42	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	87721	86654	86922	87099	0.64	cps
Phosphorus	31-2	6668	6810	7144	6874	3.55	cps
Potassium	39-2	659458	648853	641282	649864	1.40	cps
Rhodium	103-1	16445175	16562621	16366655	16458150	0.60	cps
Rhodium	103-2	6945630	6889907	6820514	6885350	0.91	cps
Scandium	45-1	11734216	11723643	11538936	11665599	0.94	cps
Scandium	45-2	395037	391616	387820	391491	0.92	cps
Selenium	77-2	493	540	460	498	8.07	cps
Selenium	78-2	2022	2011	2046	2027	0.89	cps
Selenium	82-1	17127	17344	17147	17206	0.70	cps
Silicon	28-1	788743	810047	803164	800651	1.36	cps
Silver	109-1	956859	977256	955283	963133	1.27	cps
Silver	107-1	996015	1026551	1008221	1010262	1.52	cps
Sodium	23-2	2915631	2840270	2829595	2861832	1.64	cps
Strontium	86-1	245489	249925	248283	247899	0.90	cps
Strontium	88-1	2149874	2171301	2136765	2152647	0.81	cps
Sulfur	34-1	650684	655880	642728	649764	1.02	cps
Terbium	159-1	23024848	23420326	23204780	23216651	0.85	cps
Terbium	159-2	10127254	9805427	9799178	9910620	1.89	cps
Thallium	203-1	719722	731514	729818	727018	0.88	cps
Thallium	205-1	1733534	1754957	1749253	1745915	0.64	cps
Thorium	232-1	2428016	2445479	2432803	2435433	0.37	cps
Tin	118-1	624412	633715	633577	630568	0.85	cps
Titanium	47-1	542105	547033	545123	544754	0.46	cps
Uranium	238-1	2419956	2468413	2471962	2453443	1.18	cps
Vanadium	51-2	150951	150562	148647	150053	0.82	cps
Yttrium	89-1	22099043	22261985	21972621	22111216	0.66	cps
Yttrium	89-2	2433805	2423583	2399048	2418812	0.74	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 12:31:08	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	72546	72406	71189	72047	1.04	cps
Zirconium	90-1	1271945	1283013	1275386	1276781	0.44	cps
Zirconium	91-1	283023	283566	282843	283144	0.13	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 12:34:57	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	293068	285425	275817	284770	3.04	cps
Antimony	121-1	1750476	1769668	1774679	1764941	0.72	cps
Arsenic	75-2	49341	48343	47169	48284	2.25	cps
Barium	135-1	2187756	2216977	2211930	2205554	0.71	cps
Barium	137-1	3750003	3810908	3864648	3808520	1.51	cps
Beryllium	9-1	402801	405034	402158	403331	0.37	cps
Bismuth	209-1	13827194	13736969	13910859	13825007	0.63	cps
Bismuth	209-2	7561384	7526784	7226712	7438293	2.47	cps
Boron	10-1	68631	71536	69804	69990	2.09	cps
Boron	11-1	320912	330298	333118	328109	1.95	cps
Cadmium	111-1	489376	498183	495121	494227	0.90	cps
Cadmium	106-1	68810	69438	69119	69122	0.45	cps
Cadmium	108-1	40943	41486	42430	41620	1.81	cps
Calcium	43-1	597932	600910	603015	600619	0.43	cps
Calcium	44-1	9579085	9528863	9570657	9559535	0.28	cps
Chromium	52-2	463097	460706	446289	456697	1.99	cps
Cobalt	59-2	785358	781696	761465	776173	1.66	cps
Copper	63-2	1111410	1114116	1087105	1104210	1.35	cps
Dysprosium	156-1	50	50	67	56	17.32	cps
Dysprosium	156-2	90	47	70	69	31.48	cps
Erbium	164-1	100	133	92	108	20.35	cps
Erbium	164-2	113	67	47	76	45.28	cps
Gadolinium	160-1	192	167	158	172	10.07	cps
Gadolinium	160-2	253	267	320	280	12.60	cps
Holmium	165-1	21471750	21736178	21862702	21690210	0.92	cps
Holmium	165-2	10200410	10081273	9841840	10041174	1.82	cps
Indium	115-1	17000078	17294909	17392548	17229178	1.19	cps
Indium	115-2	2742737	2731123	2667879	2713913	1.48	cps
Iron	56-2	19651932	19421073	18977618	19350208	1.77	cps
Iron	57-2	19606134	19376985	18933949	19305689	1.77	cps
Krypton	83-1	730	737	700	722	2.70	cps
Lead	206-1	1450893	1477309	1477218	1468474	1.04	cps
Lead	207-1	1273014	1310099	1306729	1296614	1.58	cps
Lead	208-1	5829313	5929293	5939732	5899446	1.03	cps
Lithium	6-1	5122368	5126736	5108431	5119178	0.19	cps
Magnesium	24-2	3556108	3538194	3434075	3509459	1.88	cps

LB Number : LB106959 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-27 12:34:57 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	532622	524713	515527	524287	1.63	cps
Molybdenum	94-1	3612966	3639606	3655106	3635893	0.59	cps
Molybdenum	95-1	4380507	4416582	4432141	4409743	0.60	cps
Molybdenum	96-1	4887432	4864071	4971535	4907679	1.15	cps
Molybdenum	97-1	2751946	2759454	2756476	2755959	0.14	cps
Molybdenum	98-1	7028652	7011418	7043497	7027856	0.23	cps
Neodymium	150-1	160	233	173	189	20.68	cps
Neodymium	150-2	17	13	33	21	50.75	cps
Nickel	60-2	209289	204911	200113	204771	2.24	cps
Phosphorus	31-2	15976	16109	15166	15751	3.24	cps
Potassium	39-2	1551217	1529628	1490868	1523904	2.01	cps
Rhodium	103-1	15616788	15645402	15757900	15673364	0.48	cps
Rhodium	103-2	6781967	6675910	6545098	6667659	1.78	cps
Scandium	45-1	11065560	10974966	11070291	11036939	0.49	cps
Scandium	45-2	380587	379491	368182	376087	1.83	cps
Selenium	77-2	1273	1360	1317	1317	3.29	cps
Selenium	78-2	4816	4679	4512	4669	3.26	cps
Selenium	82-1	41321	41600	41954	41625	0.76	cps
Silicon	28-1	1605543	1653574	1677713	1645610	2.23	cps
Silver	109-1	2277554	2291420	2316176	2295050	0.85	cps
Silver	107-1	2358848	2396310	2446875	2400678	1.84	cps
Sodium	23-2	6884701	6800650	6598931	6761427	2.17	cps
Strontium	86-1	586265	595060	593602	591642	0.80	cps
Strontium	88-1	5050777	5122869	5143318	5105655	0.95	cps
Sulfur	34-1	746937	737047	733389	739125	0.95	cps
Terbium	159-1	22405088	22694722	22827245	22642352	0.95	cps
Terbium	159-2	9941789	9969574	9654250	9855204	1.77	cps
Thallium	203-1	1753544	1778961	1807009	1779838	1.50	cps
Thallium	205-1	4240991	4264602	4310455	4272016	0.83	cps
Thorium	232-1	6034950	6140439	6144084	6106491	1.02	cps
Tin	118-1	1502336	1530639	1538074	1523683	1.24	cps
Titanium	47-1	1277677	1283615	1301336	1287543	0.96	cps
Uranium	238-1	5994433	6048235	6148433	6063700	1.29	cps
Vanadium	51-2	367662	361926	354415	361334	1.84	cps
Yttrium	89-1	21029938	21154796	21223494	21136076	0.46	cps
Yttrium	89-2	2377815	2366142	2307224	2350394	1.61	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 12:34:57	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	171733	172185	166740	170220	1.78	cps
Zirconium	90-1	3049886	3104488	3091277	3081884	0.92	cps
Zirconium	91-1	677845	687532	682547	682641	0.71	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 12:38:45	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	503928	503216	507800	504982	0.49	cps
Antimony	121-1	3332335	3316046	3302812	3317064	0.45	cps
Arsenic	75-2	84954	86198	85544	85565	0.73	cps
Barium	135-1	4215861	4141980	4127112	4161651	1.14	cps
Barium	137-1	7149515	7119785	7044274	7104524	0.76	cps
Beryllium	9-1	729616	722493	706875	719661	1.62	cps
Bismuth	209-1	13314651	13276584	13183816	13258351	0.51	cps
Bismuth	209-2	6893109	7005952	6997570	6965544	0.90	cps
Boron	10-1	127332	129845	125889	127688	1.57	cps
Boron	11-1	597376	595522	585507	592801	1.08	cps
Cadmium	111-1	931940	912445	913605	919330	1.19	cps
Cadmium	106-1	119804	118492	119266	119187	0.55	cps
Cadmium	108-1	76182	75307	75706	75732	0.58	cps
Calcium	43-1	1096285	1078428	1075096	1083270	1.05	cps
Calcium	44-1	17477718	17247286	17240155	17321719	0.78	cps
Chromium	52-2	803284	812486	814847	810206	0.75	cps
Cobalt	59-2	1374706	1373002	1386703	1378137	0.54	cps
Copper	63-2	1930547	1952384	1968993	1950641	0.99	cps
Dysprosium	156-1	83	92	158	111	37.00	cps
Dysprosium	156-2	80	77	80	79	2.44	cps
Erbium	164-1	108	117	208	144	38.42	cps
Erbium	164-2	63	73	63	67	8.67	cps
Gadolinium	160-1	108	125	125	119	8.06	cps
Gadolinium	160-2	267	300	283	283	5.88	cps
Holmium	165-1	21117938	20963624	20861272	20980945	0.62	cps
Holmium	165-2	9411374	9494225	9485094	9463564	0.48	cps
Indium	115-1	16446714	16247777	16067463	16253985	1.17	cps
Indium	115-2	2443466	2488754	2472357	2468192	0.93	cps
Iron	56-2	34774797	34507299	34776586	34686227	0.45	cps
Iron	57-2	34693747	34425974	34700970	34606897	0.45	cps
Krypton	83-1	803	717	700	740	7.50	cps
Lead	206-1	2830748	2806822	2763951	2800507	1.21	cps
Lead	207-1	2496259	2507654	2487508	2497140	0.40	cps
Lead	208-1	11374592	11298915	11281755	11318421	0.44	cps
Lithium	6-1	4706068	4674420	4591856	4657448	1.27	cps
Magnesium	24-2	6211099	6239792	6253616	6234835	0.35	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 12:38:45	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	938973	941417	949038	943143	0.56	cps
Molybdenum	94-1	6683191	6653162	6572655	6636336	0.86	cps
Molybdenum	95-1	8143122	8038704	8004831	8062219	0.89	cps
Molybdenum	96-1	9059817	8972131	8906179	8979376	0.86	cps
Molybdenum	97-1	5117820	5070999	5045790	5078203	0.72	cps
Molybdenum	98-1	13211877	13043197	12940173	13065083	1.05	cps
Neodymium	150-1	373	393	367	378	3.67	cps
Neodymium	150-2	33	30	30	31	6.18	cps
Nickel	60-2	359069	365663	364886	363206	0.99	cps
Phosphorus	31-2	26900	28002	27702	27535	2.07	cps
Potassium	39-2	2652015	2675210	2670419	2665882	0.46	cps
Rhodium	103-1	14459846	14159853	14250911	14290203	1.08	cps
Rhodium	103-2	6014541	6089735	6081031	6061769	0.68	cps
Scandium	45-1	10075966	9994528	9819645	9963380	1.31	cps
Scandium	45-2	333219	335744	336110	335024	0.47	cps
Selenium	77-2	2507	2514	2277	2432	5.54	cps
Selenium	78-2	8156	8034	8221	8137	1.17	cps
Selenium	82-1	75521	74362	74617	74833	0.81	cps
Silicon	28-1	2856966	2835638	2845980	2846195	0.37	cps
Silver	109-1	4228693	4231046	4187695	4215811	0.58	cps
Silver	107-1	4409017	4409349	4403111	4407159	0.08	cps
Sodium	23-2	12078310	12145306	12110929	12111515	0.28	cps
Strontium	86-1	1099400	1096777	1089867	1095348	0.45	cps
Strontium	88-1	9490346	9408225	9331170	9409913	0.85	cps
Sulfur	34-1	865994	845080	839958	850344	1.62	cps
Terbium	159-1	21955773	21697820	21746556	21800049	0.63	cps
Terbium	159-2	9234104	9284419	9196376	9238300	0.48	cps
Thallium	203-1	3443190	3434376	3424699	3434088	0.27	cps
Thallium	205-1	8205412	8195180	8133546	8178046	0.48	cps
Thorium	232-1	11934150	11949132	11881543	11921608	0.30	cps
Tin	118-1	2871505	2866008	2865640	2867718	0.11	cps
Titanium	47-1	2352170	2292645	2284244	2309687	1.60	cps
Uranium	238-1	11760117	11923961	11848973	11844350	0.69	cps
Vanadium	51-2	637990	639402	642038	639810	0.32	cps
Yttrium	89-1	19737963	19716996	19502195	19652385	0.66	cps
Yttrium	89-2	2111658	2135118	2142940	2129905	0.76	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 12:38:45	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	300172	302660	302283	301705	0.44	cps
Zirconium	90-1	5701904	5606989	5617901	5642264	0.92	cps
Zirconium	91-1	1275444	1266769	1248764	1263659	1.08	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 12:42:34	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	972293	974264	963072	969876	0.62	cps
Antimony	121-1	6569335	6512984	6544675	6542331	0.43	cps
Arsenic	75-2	164335	165324	162713	164124	0.80	cps
Barium	135-1	8191717	8137008	8145469	8158065	0.36	cps
Barium	137-1	14193565	14197102	14080869	14157178	0.47	cps
Beryllium	9-1	1356844	1351248	1342908	1350333	0.52	cps
Bismuth	209-1	13212292	13339123	13150668	13234028	0.73	cps
Bismuth	209-2	6814842	6810525	6733896	6786421	0.67	cps
Boron	10-1	238553	240722	246558	241944	1.71	cps
Boron	11-1	1129107	1130222	1156725	1138685	1.37	cps
Cadmium	111-1	1772041	1781740	1780114	1777965	0.29	cps
Cadmium	106-1	219460	221983	218828	220091	0.76	cps
Cadmium	108-1	143932	148460	146632	146341	1.56	cps
Calcium	43-1	2079438	2085219	2090991	2085216	0.28	cps
Calcium	44-1	33829526	33784345	33837582	33817151	0.08	cps
Chromium	52-2	1551745	1556554	1541508	1549935	0.50	cps
Cobalt	59-2	2600432	2642194	2599045	2613890	0.94	cps
Copper	63-2	3684806	3691758	3655844	3677469	0.52	cps
Dysprosium	156-1	192	133	183	169	18.62	cps
Dysprosium	156-2	137	160	130	142	11.08	cps
Erbium	164-1	92	117	142	117	21.43	cps
Erbium	164-2	50	93	67	70	31.23	cps
Gadolinium	160-1	175	200	150	175	14.28	cps
Gadolinium	160-2	290	313	237	280	14.04	cps
Holmium	165-1	21364958	21250258	21034340	21216519	0.79	cps
Holmium	165-2	9254740	9375369	9306837	9312315	0.65	cps
Indium	115-1	15923531	16020479	15844150	15929387	0.55	cps
Indium	115-2	2393470	2404209	2396115	2397931	0.23	cps
Iron	56-2	66199553	66825986	65874317	66299952	0.73	cps
Iron	57-2	66032046	66680854	65732096	66148332	0.73	cps
Krypton	83-1	723	647	680	683	5.63	cps
Lead	206-1	5525553	5585003	5585487	5565348	0.62	cps
Lead	207-1	4926874	4988457	4957297	4957543	0.62	cps
Lead	208-1	22611488	22647146	22554333	22604322	0.21	cps
Lithium	6-1	4525487	4502799	4440689	4489658	0.98	cps
Magnesium	24-2	12005242	12027334	11885897	11972824	0.64	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 12:42:34	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1801800	1810551	1781192	1797848	0.84	cps
Molybdenum	94-1	13084856	13157381	12952254	13064830	0.80	cps
Molybdenum	95-1	15875892	16053431	15688308	15872543	1.15	cps
Molybdenum	96-1	17723648	17858190	17593580	17725139	0.75	cps
Molybdenum	97-1	10107364	10128669	9904447	10046827	1.23	cps
Molybdenum	98-1	25559331	25934722	25534752	25676268	0.87	cps
Neodymium	150-1	633	647	593	624	4.44	cps
Neodymium	150-2	53	57	57	56	3.47	cps
Nickel	60-2	686336	687877	687124	687112	0.11	cps
Phosphorus	31-2	52084	52568	52042	52231	0.56	cps
Potassium	39-2	5070095	5095312	4995274	5053560	1.03	cps
Rhodium	103-1	13756272	13874188	13857868	13829442	0.46	cps
Rhodium	103-2	5776328	5853506	5769442	5799759	0.80	cps
Scandium	45-1	9740495	9782442	9695846	9739594	0.44	cps
Scandium	45-2	323608	327504	325289	325467	0.60	cps
Selenium	77-2	4721	4671	4587	4660	1.45	cps
Selenium	78-2	15512	15677	15251	15480	1.39	cps
Selenium	82-1	143158	145399	143333	143963	0.87	cps
Silicon	28-1	4672198	4685648	4505869	4621238	2.17	cps
Silver	109-1	8107890	8133102	8087739	8109577	0.28	cps
Silver	107-1	8477942	8569241	8497117	8514767	0.57	cps
Sodium	23-2	23318151	23447004	23131869	23299008	0.68	cps
Strontium	86-1	2135019	2156831	2128845	2140232	0.69	cps
Strontium	88-1	18655361	18784214	18353721	18597765	1.19	cps
Sulfur	34-1	1184236	1187466	1179152	1183618	0.35	cps
Terbium	159-1	21754461	21955886	21763109	21824486	0.52	cps
Terbium	159-2	9180182	9201820	9071670	9151224	0.76	cps
Thallium	203-1	6882917	6929810	6915132	6909286	0.35	cps
Thallium	205-1	16449247	16446606	16482964	16459606	0.12	cps
Thorium	232-1	24370170	24626211	24388927	24461769	0.58	cps
Tin	118-1	5545903	5647032	5577954	5590296	0.92	cps
Titanium	47-1	4455163	4423921	4444034	4441039	0.36	cps
Uranium	238-1	24175447	24040729	24166176	24127451	0.31	cps
Vanadium	51-2	1232343	1249495	1225919	1235919	0.99	cps
Yttrium	89-1	19223068	19448814	19260075	19310652	0.63	cps
Yttrium	89-2	2061386	2083728	2076832	2073982	0.55	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 12:42:34	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	569918	575657	565002	570192	0.94	cps
Zirconium	90-1	11173449	11151370	11097129	11140649	0.35	cps
Zirconium	91-1	2470212	2476339	2487363	2477971	0.35	cps

LB Number : LB106959 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-27 12:46:23 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1908030	1893911	1901411	1901117	0.37	cps
Antimony	121-1	13131135	12975441	12778687	12961754	1.36	cps
Arsenic	75-2	317427	313478	315048	315318	0.63	cps
Barium	135-1	16274706	16183081	16058317	16172035	0.67	cps
Barium	137-1	28438982	28102888	27509413	28017094	1.68	cps
Beryllium	9-1	2625620	2610055	2585426	2607034	0.78	cps
Bismuth	209-1	12906106	12863587	12672599	12814097	0.97	cps
Bismuth	209-2	6434950	6424154	6419800	6426301	0.12	cps
Boron	10-1	473468	476338	482990	477599	1.02	cps
Boron	11-1	2197649	2228830	2250272	2225584	1.19	cps
Cadmium	111-1	3619312	3605727	3573079	3599373	0.66	cps
Cadmium	106-1	441533	448915	433755	441401	1.72	cps
Cadmium	108-1	300681	299183	296037	298634	0.79	cps
Calcium	43-1	4160484	4158800	4083353	4134212	1.07	cps
Calcium	44-1	67728416	67027471	66397939	67051275	0.99	cps
Chromium	52-2	2983618	2991566	3028901	3001362	0.81	cps
Cobalt	59-2	4980564	5007044	5061076	5016228	0.82	cps
Copper	63-2	7415358	7386054	7418976	7406796	0.24	cps
Dysprosium	156-1	283	275	375	311	17.84	cps
Dysprosium	156-2	223	283	290	266	13.83	cps
Erbium	164-1	142	92	150	128	24.69	cps
Erbium	164-2	77	87	80	81	6.28	cps
Gadolinium	160-1	158	258	233	217	24.02	cps
Gadolinium	160-2	240	240	270	250	6.93	cps
Holmium	165-1	20986274	20852999	20854055	20897776	0.37	cps
Holmium	165-2	9035628	8996290	9073867	9035262	0.43	cps
Indium	115-1	15630250	15671917	15567997	15623388	0.33	cps
Indium	115-2	2301379	2315155	2339683	2318739	0.84	cps
Iron	56-2	128734711	128522303	129227650	128828221	0.28	cps
Iron	57-2	128413366	128230873	128904420	128516220	0.27	cps
Krypton	83-1	710	647	723	693	5.91	cps
Lead	206-1	10889845	11110135	10866312	10955431	1.23	cps
Lead	207-1	9749155	9767412	9550691	9689086	1.24	cps
Lead	208-1	44404459	44656170	43593594	44218074	1.26	cps
Lithium	6-1	4428496	4417554	4330263	4392104	1.23	cps
Magnesium	24-2	23412658	23268560	23322847	23334688	0.31	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 12:46:23	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3504261	3483549	3519501	3502437	0.52	cps
Molybdenum	94-1	26484110	26067008	25853334	26134817	1.23	cps
Molybdenum	95-1	32021932	31812092	31421994	31752006	0.96	cps
Molybdenum	96-1	35591985	35442279	35144380	35392881	0.64	cps
Molybdenum	97-1	20182538	19905332	19772955	19953608	1.05	cps
Molybdenum	98-1	51556380	51672408	50530172	51252987	1.23	cps
Neodymium	150-1	1420	1187	1620	1409	15.39	cps
Neodymium	150-2	57	97	87	80	26.02	cps
Nickel	60-2	1302269	1311362	1321693	1311775	0.74	cps
Phosphorus	31-2	99355	100848	99548	99917	0.81	cps
Potassium	39-2	9967998	9822920	9932135	9907684	0.76	cps
Rhodium	103-1	13532857	13535485	13291989	13453444	1.04	cps
Rhodium	103-2	5518713	5528471	5607443	5551542	0.88	cps
Scandium	45-1	9725592	9798542	9572611	9698915	1.19	cps
Scandium	45-2	319263	319971	321776	320337	0.40	cps
Selenium	77-2	9006	8646	8639	8764	2.40	cps
Selenium	78-2	29263	28498	29651	29137	2.01	cps
Selenium	82-1	273830	273885	271685	273133	0.46	cps
Silicon	28-1	8693458	8685722	8635496	8671559	0.36	cps
Silver	109-1	16371518	16270770	16002089	16214793	1.18	cps
Silver	107-1	17047586	17044938	16658263	16916929	1.32	cps
Sodium	23-2	45560720	45627250	45586344	45591438	0.07	cps
Strontium	86-1	4229635	4235801	4194965	4220134	0.52	cps
Strontium	88-1	37032950	37072311	36708901	36938054	0.54	cps
Sulfur	34-1	1929178	1930991	1899673	1919947	0.92	cps
Terbium	159-1	21569999	21640523	21321042	21510521	0.78	cps
Terbium	159-2	8897299	8884283	9033053	8938212	0.92	cps
Thallium	203-1	13396155	13486922	13260193	13381090	0.85	cps
Thallium	205-1	31801781	32054482	32017143	31957802	0.43	cps
Thorium	232-1	48991789	48959193	48085782	48678921	1.06	cps
Tin	118-1	11336047	11155428	11048244	11179906	1.30	cps
Titanium	47-1	8950375	8872443	8754659	8859159	1.11	cps
Uranium	238-1	48493448	48767576	47910171	48390398	0.90	cps
Vanadium	51-2	2396533	2404339	2419034	2406635	0.47	cps
Yttrium	89-1	19162661	19337450	19070951	19190354	0.71	cps
Yttrium	89-2	2030497	2020882	2064149	2038509	1.11	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 12:46:23	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1113630	1116509	1119838	1116659	0.28	cps
Zirconium	90-1	22477732	22380324	22170582	22342880	0.70	cps
Zirconium	91-1	4949168	4942798	4898156	4930040	0.56	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 12:50:13	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10400372	10444901	10500103	10448458	0.48	cps
Antimony	121-1	12498	13515	13724	13246	4.95	cps
Arsenic	75-2	163	222	187	191	15.62	cps
Barium	135-1	3251	3459	3401	3370	3.19	cps
Barium	137-1	5643	5685	5660	5663	0.37	cps
Beryllium	9-1	478	428	439	448	5.86	cps
Bismuth	209-1	10963878	11028918	11026503	11006433	0.34	cps
Bismuth	209-2	5728993	5735185	5758873	5741017	0.27	cps
Boron	10-1	13106	11972	11213	12097	7.88	cps
Boron	11-1	60513	58471	52375	57120	7.41	cps
Cadmium	111-1	2368	2233	2223	2275	3.56	cps
Cadmium	106-1	7978	8186	7994	8053	1.44	cps
Cadmium	108-1	117	113	121	117	3.57	cps
Calcium	43-1	18922895	19272899	19436446	19210747	1.37	cps
Calcium	44-1	309841294	313593860	317563717	313666290	1.23	cps
Chromium	52-2	86773	86707	87528	87003	0.52	cps
Cobalt	59-2	9893	10017	10284	10065	1.98	cps
Copper	63-2	13923	13827	14084	13945	0.93	cps
Dysprosium	156-1	750	642	617	669	10.59	cps
Dysprosium	156-2	283	323	250	286	12.86	cps
Erbium	164-1	108	192	192	164	29.36	cps
Erbium	164-2	110	83	63	86	27.37	cps
Gadolinium	160-1	642	575	708	642	10.39	cps
Gadolinium	160-2	620	617	500	579	11.81	cps
Holmium	165-1	19444774	19654549	19374141	19491155	0.75	cps
Holmium	165-2	8994449	9047273	9058524	9033415	0.38	cps
Indium	115-1	14810122	15068464	14996992	14958526	0.89	cps
Indium	115-2	2408910	2440618	2457470	2435666	1.01	cps
Iron	56-2	663160793	666126215	672592126	667293045	0.72	cps
Iron	57-2	679493024	682590032	689281661	683788239	0.73	cps
Krypton	83-1	683	767	663	704	7.78	cps
Lead	206-1	35069	34975	35782	35275	1.25	cps
Lead	207-1	32880	31738	31789	32136	2.01	cps
Lead	208-1	145508	143987	143689	144395	0.68	cps
Lithium	6-1	4200995	4249123	4272743	4240954	0.86	cps
Magnesium	24-2	121631153	122379303	123676444	122562300	0.84	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 12:50:13	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	15342	15348	15422	15370	0.29	cps
Molybdenum	94-1	17687	17687	18655	18009	3.10	cps
Molybdenum	95-1	26392	27035	27402	26943	1.90	cps
Molybdenum	96-1	35972	36239	36515	36242	0.75	cps
Molybdenum	97-1	16385	16760	16986	16710	1.82	cps
Molybdenum	98-1	41503	41879	42749	42044	1.52	cps
Neodymium	150-1	167	140	193	167	16.00	cps
Neodymium	150-2	67	37	60	54	28.93	cps
Nickel	60-2	26167	26935	27219	26774	2.03	cps
Phosphorus	31-2	208	150	192	183	16.39	cps
Potassium	39-2	53650291	53806951	54004828	53820690	0.33	cps
Rhodium	103-1	11877295	12191236	12231019	12099850	1.60	cps
Rhodium	103-2	5265630	5293133	5317311	5292024	0.49	cps
Scandium	45-1	9260471	9573461	9600530	9478154	1.99	cps
Scandium	45-2	347388	351328	350649	349788	0.60	cps
Selenium	77-2	13	7	13	11	34.61	cps
Selenium	78-2	89	72	67	76	15.23	cps
Selenium	82-1	249	200	344	264	27.73	cps
Silicon	28-1	1082667	1118688	1120606	1107320	1.93	cps
Silver	109-1	2567	2392	2509	2489	3.58	cps
Silver	107-1	2592	2750	2800	2714	4.01	cps
Sodium	23-2	238058047	237556230	243003447	239539241	1.26	cps
Strontium	86-1	9462	10287	9862	9870	4.18	cps
Strontium	88-1	74620	76269	77921	76270	2.16	cps
Sulfur	34-1	412488	430086	431882	424819	2.52	cps
Terbium	159-1	20067511	20203826	20130848	20134062	0.34	cps
Terbium	159-2	8856637	8834414	8911548	8867533	0.45	cps
Thallium	203-1	6260	6077	5902	6079	2.95	cps
Thallium	205-1	14534	13808	13749	14030	3.11	cps
Thorium	232-1	11678	11244	12273	11732	4.40	cps
Tin	118-1	7477	8219	8036	7911	4.89	cps
Titanium	47-1	2684	2734	2925	2781	4.59	cps
Uranium	238-1	8745	7961	8295	8334	4.72	cps
Vanadium	51-2	940	950	1030	973	5.07	cps
Yttrium	89-1	18213712	18606614	18439870	18420065	1.07	cps
Yttrium	89-2	2159866	2158845	2189098	2169270	0.79	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 12:50:13	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	15972	15845	16346	16055	1.62	cps
Zirconium	90-1	7185	7269	7727	7394	3.95	cps
Zirconium	91-1	1700	1592	1725	1672	4.24	cps

LB Number : LB106959 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-27 13:28:24 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	56532	57779	56106	56806	1.53	cps
Antimony	121-1	2875264	2868268	2833820	2859117	0.78	cps
Arsenic	75-2	80165	80080	78320	79522	1.31	cps
Barium	135-1	366918	364102	360273	363764	0.92	cps
Barium	137-1	625488	624527	623781	624599	0.14	cps
Beryllium	9-1	331954	329632	323084	328223	1.40	cps
Bismuth	209-1	14451066	14560114	14312318	14441166	0.86	cps
Bismuth	209-2	7714613	7622515	7526957	7621361	1.23	cps
Boron	10-1	315928	311426	303581	310312	2.01	cps
Boron	11-1	1466811	1471638	1457826	1465425	0.48	cps
Cadmium	111-1	401820	409985	406290	406031	1.01	cps
Cadmium	106-1	100271	98970	100950	100064	1.01	cps
Cadmium	108-1	56513	55128	55044	55561	1.48	cps
Calcium	43-1	110082	111510	109025	110206	1.13	cps
Calcium	44-1	1704191	1680471	1649868	1678177	1.62	cps
Chromium	52-2	366701	365926	357813	363480	1.35	cps
Cobalt	59-2	641856	632659	618876	631130	1.83	cps
Copper	63-2	454555	450963	446956	450825	0.84	cps
Dysprosium	156-1	25	50	67	47	44.41	cps
Dysprosium	156-2	43	33	30	36	19.51	cps
Erbium	164-1	142	267	250	219	30.93	cps
Erbium	164-2	107	133	80	107	25.00	cps
Gadolinium	160-1	125	133	158	139	12.49	cps
Gadolinium	160-2	287	313	327	309	6.59	cps
Holmium	165-1	22533038	22423051	22495368	22483819	0.25	cps
Holmium	165-2	10267357	10067291	10015198	10116615	1.32	cps
Indium	115-1	17885340	17866234	17728465	17826680	0.48	cps
Indium	115-2	2774417	2743684	2711140	2743080	1.15	cps
Iron	56-2	3456053	3421172	3380523	3419249	1.11	cps
Iron	57-2	3331002	3295655	3259069	3295242	1.09	cps
Krypton	83-1	783	733	753	757	3.33	cps
Lead	206-1	2640071	2672545	2648636	2653751	0.63	cps
Lead	207-1	2338215	2358122	2351743	2349360	0.43	cps
Lead	208-1	10643058	10682976	10693647	10673227	0.25	cps
Lithium	6-1	5522629	5461665	5372839	5452378	1.38	cps
Magnesium	24-2	357445	350201	346183	351277	1.62	cps

LB Number : LB106959 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-27 13:28:24 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	213757	211798	207952	211169	1.40	cps
Molybdenum	94-1	15197070	14977981	14911815	15028955	0.99	cps
Molybdenum	95-1	18999270	18871733	18607995	18826333	1.06	cps
Molybdenum	96-1	20946172	21030993	20577688	20851618	1.16	cps
Molybdenum	97-1	11793019	11828978	11681741	11767913	0.65	cps
Molybdenum	98-1	30572567	30391617	29950313	30304833	1.06	cps
Neodymium	150-1	40	27	40	36	21.64	cps
Neodymium	150-2	7	0	17	8	107.84	cps
Nickel	60-2	171166	167343	166486	168332	1.48	cps
Phosphorus	31-2	117	117	175	136	24.75	cps
Potassium	39-2	514481	512629	508368	511826	0.61	cps
Rhodium	103-1	16320497	16145491	15973530	16146506	1.07	cps
Rhodium	103-2	6904925	6841496	6790172	6845531	0.84	cps
Scandium	45-1	11558199	11475450	11316237	11449962	1.07	cps
Scandium	45-2	392156	387486	383434	387692	1.13	cps
Selenium	77-2	2034	2230	2194	2152	4.86	cps
Selenium	78-2	7324	7356	7269	7316	0.60	cps
Selenium	82-1	66876	66740	66339	66652	0.42	cps
Silicon	28-1	4989889	4934914	4888361	4937721	1.03	cps
Silver	109-1	1795001	1796509	1752810	1781440	1.39	cps
Silver	107-1	1875466	1875823	1855961	1869083	0.61	cps
Sodium	23-2	1152909	1137081	1127808	1139266	1.11	cps
Strontium	86-1	2352949	2354942	2320041	2342644	0.84	cps
Strontium	88-1	20520872	20333752	20076969	20310531	1.10	cps
Sulfur	34-1	526926	517731	500334	514997	2.62	cps
Terbium	159-1	23457789	23242786	23185800	23295458	0.62	cps
Terbium	159-2	10015430	10015141	9863708	9964760	0.88	cps
Thallium	203-1	3289247	3316860	3327759	3311289	0.60	cps
Thallium	205-1	7843065	7947596	7933456	7908039	0.72	cps
Thorium	232-1	13457	14564	15943	14655	8.50	cps
Tin	118-1	6060311	6051818	6014142	6042091	0.41	cps
Titanium	47-1	5366949	5351981	5222758	5313896	1.49	cps
Uranium	238-1	27187344	27277006	27072824	27179058	0.38	cps
Vanadium	51-2	291880	287191	286036	288369	1.07	cps
Yttrium	89-1	21789052	21769047	21396688	21651596	1.02	cps
Yttrium	89-2	2411010	2380544	2356276	2382610	1.15	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 13:28:24	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	141175	140451	138133	139920	1.14	cps
Zirconium	90-1	12178690	12204882	11954991	12112855	1.13	cps
Zirconium	91-1	2694016	2703644	2667723	2688461	0.69	cps

LB Number : LB106959 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-27 13:41:36 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	58	42	58	28.57	cps
Antimony	121-1	1017	1500	1167	1228	20.15	cps
Arsenic	75-2	6	7	4	6	33.38	cps
Barium	135-1	33	50	33	39	24.75	cps
Barium	137-1	67	33	50	50	33.34	cps
Beryllium	9-1	50	111	106	89	38.02	cps
Bismuth	209-1	14006648	14228376	14319807	14184944	1.14	cps
Bismuth	209-2	7623100	7591972	7530154	7581742	0.62	cps
Boron	10-1	1850	1650	1417	1639	13.23	cps
Boron	11-1	7577	7360	7177	7372	2.72	cps
Cadmium	111-1	1811	1733	1643	1729	4.84	cps
Cadmium	106-1	8903	8453	8103	8486	4.73	cps
Cadmium	108-1	17	17	21	18	13.30	cps
Calcium	43-1	367	392	392	383	3.77	cps
Calcium	44-1	14657	14574	14498	14576	0.55	cps
Chromium	52-2	1287	1197	1203	1229	4.08	cps
Cobalt	59-2	73	100	93	89	15.61	cps
Copper	63-2	747	740	787	758	3.33	cps
Dysprosium	156-1	33	33	50	39	24.75	cps
Dysprosium	156-2	7	13	20	13	49.99	cps
Erbium	164-1	67	117	92	92	27.27	cps
Erbium	164-2	70	60	50	60	16.67	cps
Gadolinium	160-1	108	125	167	133	22.54	cps
Gadolinium	160-2	380	300	297	326	14.49	cps
Holmium	165-1	21840471	21978416	22160288	21993058	0.73	cps
Holmium	165-2	10057248	10109714	10010992	10059318	0.49	cps
Indium	115-1	17904707	18120149	18235685	18086847	0.93	cps
Indium	115-2	2804955	2820367	2782245	2802522	0.68	cps
Iron	56-2	5179	5207	4751	5045	5.06	cps
Iron	57-2	5386	5396	4939	5240	4.98	cps
Krypton	83-1	710	723	637	690	6.76	cps
Lead	206-1	1206	1295	1545	1348	13.03	cps
Lead	207-1	1383	1433	1261	1359	6.52	cps
Lead	208-1	5234	5201	5473	5302	2.80	cps
Lithium	6-1	5385863	5496400	5492109	5458124	1.15	cps
Magnesium	24-2	458	483	558	500	10.41	cps

LB Number : LB106959 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-27 13:41:36 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	43	33	57	44	26.35	cps
Molybdenum	94-1	850	742	767	786	7.22	cps
Molybdenum	95-1	642	767	608	672	12.42	cps
Molybdenum	96-1	767	808	833	803	4.20	cps
Molybdenum	97-1	450	492	517	486	6.93	cps
Molybdenum	98-1	817	1067	1008	964	13.57	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	13	17	3	11	62.48	cps
Nickel	60-2	97	133	87	106	23.28	cps
Phosphorus	31-2	167	100	83	117	37.79	cps
Potassium	39-2	21566	21433	20698	21233	2.20	cps
Rhodium	103-1	16307473	16421684	16675453	16468203	1.14	cps
Rhodium	103-2	7151190	7005718	7052719	7069876	1.05	cps
Scandium	45-1	11692976	11884263	11905447	11827562	0.99	cps
Scandium	45-2	407586	409934	409310	408943	0.30	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	52	70	46	56	22.44	cps
Selenium	82-1	49	35	150	78	80.43	cps
Silicon	28-1	204722	207324	208652	206899	0.97	cps
Silver	109-1	100	75	58	78	26.96	cps
Silver	107-1	258	158	258	225	25.66	cps
Sodium	23-2	15100	14132	14316	14516	3.54	cps
Strontium	86-1	1142	1267	1233	1214	5.33	cps
Strontium	88-1	425	483	475	461	6.84	cps
Sulfur	34-1	559744	561655	562457	561286	0.25	cps
Terbium	159-1	22668131	22722178	23391244	22927184	1.76	cps
Terbium	159-2	9996946	9955670	9985055	9979224	0.21	cps
Thallium	203-1	758	800	767	775	2.84	cps
Thallium	205-1	1333	1392	1609	1445	10.03	cps
Thorium	232-1	2589	2495	2556	2547	1.88	cps
Tin	118-1	1592	1700	1525	1606	5.50	cps
Titanium	47-1	217	208	317	247	24.39	cps
Uranium	238-1	2784	2609	2400	2598	7.39	cps
Vanadium	51-2	10	13	17	13	25.01	cps
Yttrium	89-1	21760464	22004355	22070761	21945193	0.74	cps
Yttrium	89-2	2460224	2452739	2435622	2449528	0.51	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 13:41:36	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	980	867	937	928	6.16	cps
Zirconium	90-1	1242	1517	1425	1395	10.04	cps
Zirconium	91-1	275	300	375	317	16.43	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 13:45:16	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9923483	9932315	9834369	9896722	0.55	cps
Antimony	121-1	15634	16110	16828	16191	3.71	cps
Arsenic	75-2	126	126	137	130	4.95	cps
Barium	135-1	5268	5451	5501	5407	2.27	cps
Barium	137-1	9387	9954	9212	9518	4.08	cps
Beryllium	9-1	850	861	939	883	5.48	cps
Bismuth	209-1	12737062	12576086	12903230	12738793	1.28	cps
Bismuth	209-2	6725490	6683446	6549608	6652848	1.38	cps
Boron	10-1	1750	1392	1717	1620	12.22	cps
Boron	11-1	7952	7602	7811	7788	2.26	cps
Cadmium	111-1	4158	3556	4099	3938	8.43	cps
Cadmium	106-1	8161	7969	8228	8119	1.65	cps
Cadmium	108-1	4834	5080	4830	4915	2.91	cps
Calcium	43-1	4350924	4334440	4343413	4342926	0.19	cps
Calcium	44-1	70933369	70482524	70939411	70785102	0.37	cps
Chromium	52-2	66559	66590	67313	66821	0.64	cps
Cobalt	59-2	7559	7385	7362	7435	1.45	cps
Copper	63-2	31200	31003	30853	31019	0.56	cps
Dysprosium	156-1	75	125	67	89	35.50	cps
Dysprosium	156-2	60	30	23	38	51.71	cps
Erbium	164-1	117	192	200	169	27.09	cps
Erbium	164-2	80	87	77	81	6.28	cps
Gadolinium	160-1	217	158	158	178	18.95	cps
Gadolinium	160-2	260	310	287	286	8.76	cps
Holmium	165-1	21337774	21413397	21331239	21360803	0.21	cps
Holmium	165-2	9517353	9636660	9417814	9523943	1.15	cps
Indium	115-1	16461137	16498154	16609116	16522802	0.47	cps
Indium	115-2	2504596	2523669	2485882	2504715	0.75	cps
Iron	56-2	285664129	285898962	282570606	284711232	0.65	cps
Iron	57-2	292712469	292921361	289490608	291708146	0.66	cps
Krypton	83-1	770	650	733	718	8.57	cps
Lead	206-1	51121	52253	52409	51928	1.35	cps
Lead	207-1	41426	40384	41354	41055	1.42	cps
Lead	208-1	193730	193283	196143	194385	0.79	cps
Lithium	6-1	4779921	4739668	4734346	4751312	0.52	cps
Magnesium	24-2	25995454	25923174	25751177	25889935	0.48	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 13:45:16	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	15615	15535	15562	15571	0.26	cps
Molybdenum	94-1	7457688	7473581	7509838	7480369	0.36	cps
Molybdenum	95-1	13276714	13103772	13251760	13210749	0.71	cps
Molybdenum	96-1	14317986	13988175	14062450	14122870	1.23	cps
Molybdenum	97-1	8352072	8231524	8262080	8281892	0.76	cps
Molybdenum	98-1	21466454	21246678	21494999	21402710	0.63	cps
Neodymium	150-1	73	60	87	73	18.18	cps
Neodymium	150-2	33	33	23	30	19.25	cps
Nickel	60-2	7836	7996	7996	7942	1.16	cps
Phosphorus	31-2	558496	569911	555658	561355	1.34	cps
Potassium	39-2	22331406	22260318	22303059	22298261	0.16	cps
Rhodium	103-1	14368054	14274797	14381399	14341417	0.40	cps
Rhodium	103-2	6064260	6053805	5971981	6030015	0.84	cps
Scandium	45-1	10724157	10710777	10733740	10722891	0.11	cps
Scandium	45-2	362269	362630	357014	360638	0.87	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	65	35	39	46	34.87	cps
Selenium	82-1	4	131	90	75	86.42	cps
Silicon	28-1	369809	373037	371064	371303	0.44	cps
Silver	109-1	625	708	700	678	6.77	cps
Silver	107-1	917	850	1083	950	12.65	cps
Sodium	23-2	51046186	51073153	50291675	50803671	0.87	cps
Strontium	86-1	152896	155830	156706	155144	1.29	cps
Strontium	88-1	1326259	1337609	1361589	1341819	1.34	cps
Sulfur	34-1	7104400	6996255	6984779	7028478	0.94	cps
Terbium	159-1	22299861	22349786	22288613	22312753	0.15	cps
Terbium	159-2	9461236	9441399	9372292	9424975	0.50	cps
Thallium	203-1	1925	2892	2734	2517	20.60	cps
Thallium	205-1	4834	5535	6760	5710	17.07	cps
Thorium	232-1	3084	2778	2989	2950	5.30	cps
Tin	118-1	3059	3651	3409	3373	8.82	cps
Titanium	47-1	3933184	3914602	3922642	3923476	0.24	cps
Uranium	238-1	3384	3117	3092	3198	5.06	cps
Vanadium	51-2	577	673	647	632	7.90	cps
Yttrium	89-1	20557326	20554976	20556197	20556166	0.01	cps
Yttrium	89-2	2229148	2239520	2205121	2224596	0.79	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 13:45:16	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	7412	7272	7212	7299	1.41	cps
Zirconium	90-1	2325	2667	3526	2839	21.78	cps
Zirconium	91-1	492	567	850	636	29.71	cps

LB Number : LB106959 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-27 13:48:56 DataFile Name : 015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9712725	9588155	9653630	9651503	0.65	cps
Antimony	121-1	272671	270467	267614	270250	0.94	cps
Arsenic	75-2	6911	6898	7068	6959	1.36	cps
Barium	135-1	71803	71903	71459	71722	0.32	cps
Barium	137-1	124354	121294	121150	122266	1.48	cps
Beryllium	9-1	55134	56722	54576	55477	2.01	cps
Bismuth	209-1	12539477	12446333	12446110	12477307	0.43	cps
Bismuth	209-2	6623926	6505288	6590355	6573189	0.93	cps
Boron	10-1	1508	1408	1542	1486	4.67	cps
Boron	11-1	6710	6718	6852	6760	1.18	cps
Cadmium	111-1	72456	72558	71975	72330	0.43	cps
Cadmium	106-1	13982	14199	14049	14077	0.79	cps
Cadmium	108-1	9141	9032	9170	9114	0.80	cps
Calcium	43-1	4223164	4188050	4177303	4196172	0.57	cps
Calcium	44-1	68967055	69248416	68464380	68893284	0.58	cps
Chromium	52-2	131275	129153	130783	130404	0.85	cps
Cobalt	59-2	117184	115601	118813	117199	1.37	cps
Copper	63-2	106380	106930	108096	107136	0.82	cps
Dysprosium	156-1	58	92	75	75	22.22	cps
Dysprosium	156-2	57	47	50	51	9.96	cps
Erbium	164-1	158	125	133	139	12.49	cps
Erbium	164-2	107	77	83	89	17.72	cps
Gadolinium	160-1	183	192	233	203	13.21	cps
Gadolinium	160-2	313	333	327	324	3.14	cps
Holmium	165-1	21139554	20617948	20627982	20795161	1.43	cps
Holmium	165-2	9475800	9332773	9476826	9428466	0.88	cps
Indium	115-1	16309825	16255136	16056813	16207258	0.82	cps
Indium	115-2	2510004	2479901	2511323	2500409	0.71	cps
Iron	56-2	281103479	275248045	281865423	279405649	1.30	cps
Iron	57-2	287920742	282018391	288719840	286219658	1.28	cps
Krypton	83-1	653	687	660	667	2.65	cps
Lead	206-1	262876	261631	259431	261312	0.67	cps
Lead	207-1	221886	222161	219164	221070	0.75	cps
Lead	208-1	1028900	1020408	1017514	1022274	0.58	cps
Lithium	6-1	4635091	4589148	4577420	4600553	0.66	cps
Magnesium	24-2	25304071	24823550	25177234	25101618	0.99	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 13:48:56	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	52299	52604	52982	52628	0.65	cps
Molybdenum	94-1	7331867	7325906	7201062	7286278	1.01	cps
Molybdenum	95-1	13027345	12788101	12723738	12846395	1.25	cps
Molybdenum	96-1	13899379	13763079	13609603	13757354	1.05	cps
Molybdenum	97-1	8185619	8143303	8071047	8133323	0.71	cps
Molybdenum	98-1	20949609	20843333	20615796	20802913	0.82	cps
Neodymium	150-1	60	53	60	58	6.65	cps
Neodymium	150-2	10	33	50	31	64.58	cps
Nickel	60-2	36576	35567	36676	36273	1.69	cps
Phosphorus	31-2	550904	539533	548022	546153	1.08	cps
Potassium	39-2	21747777	21515715	21726045	21663179	0.59	cps
Rhodium	103-1	14003568	14075210	13872535	13983771	0.73	cps
Rhodium	103-2	6011077	5783805	5977285	5924055	2.07	cps
Scandium	45-1	10501481	10418441	10321495	10413806	0.87	cps
Scandium	45-2	353146	350927	355360	353144	0.63	cps
Selenium	77-2	157	210	207	191	15.63	cps
Selenium	78-2	646	678	667	664	2.41	cps
Selenium	82-1	5711	5697	5834	5748	1.31	cps
Silicon	28-1	374095	376759	374207	375020	0.40	cps
Silver	109-1	303498	306014	301731	303748	0.71	cps
Silver	107-1	319033	317104	313630	316589	0.86	cps
Sodium	23-2	49565010	48552368	49299085	49138821	1.07	cps
Strontium	86-1	151785	151701	149100	150862	1.01	cps
Strontium	88-1	1309690	1310029	1296940	1305553	0.57	cps
Sulfur	34-1	6752849	6740276	6716266	6736463	0.28	cps
Terbium	159-1	21685725	21798322	21544440	21676162	0.59	cps
Terbium	159-2	9307672	9224334	9369147	9300384	0.78	cps
Thallium	203-1	265879	260449	257411	261246	1.64	cps
Thallium	205-1	627921	623997	619444	623787	0.68	cps
Thorium	232-1	2434	2550	2384	2456	3.48	cps
Tin	118-1	3042	2767	3126	2978	6.30	cps
Titanium	47-1	3808907	3809621	3783908	3800812	0.39	cps
Uranium	238-1	3276	3201	3192	3223	1.43	cps
Vanadium	51-2	52550	51948	52222	52240	0.58	cps
Yttrium	89-1	19989091	19939451	19832480	19920341	0.40	cps
Yttrium	89-2	2202471	2173861	2228974	2201769	1.25	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 13:48:56	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	18278	18729	18689	18565	1.34	cps
Zirconium	90-1	1900	2109	2150	2053	6.53	cps
Zirconium	91-1	533	467	617	539	13.95	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 13:52:37	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5457855	5458254	5475065	5463724	0.18	cps
Antimony	121-1	6253903	6172062	6142012	6189326	0.94	cps
Arsenic	75-2	170907	171785	173548	172080	0.78	cps
Barium	135-1	7934985	7876961	7849916	7887287	0.55	cps
Barium	137-1	13682663	13688197	13652203	13674354	0.14	cps
Beryllium	9-1	1340036	1327916	1324974	1330975	0.60	cps
Bismuth	209-1	11797255	11835569	11665024	11765949	0.76	cps
Bismuth	209-2	6251773	6356938	6293316	6300676	0.84	cps
Boron	10-1	234628	239725	239188	237847	1.18	cps
Boron	11-1	1100036	1105772	1115548	1107119	0.71	cps
Cadmium	111-1	1736435	1723221	1719969	1726542	0.51	cps
Cadmium	106-1	222361	213412	219365	218379	2.09	cps
Cadmium	108-1	143055	145521	145231	144602	0.93	cps
Calcium	43-1	10177741	10114531	10120436	10137569	0.34	cps
Calcium	44-1	166522427	162975127	164393471	164630342	1.08	cps
Chromium	52-2	1697741	1695073	1708236	1700350	0.41	cps
Cobalt	59-2	2722800	2724606	2728541	2725316	0.11	cps
Copper	63-2	4215995	4243668	4271453	4243705	0.65	cps
Dysprosium	156-1	442	442	417	433	3.33	cps
Dysprosium	156-2	323	323	273	307	9.41	cps
Erbium	164-1	108	225	125	153	41.30	cps
Erbium	164-2	87	90	60	79	20.84	cps
Gadolinium	160-1	417	325	242	328	26.70	cps
Gadolinium	160-2	420	453	387	420	7.94	cps
Holmium	165-1	20449435	20112767	20055916	20206039	1.05	cps
Holmium	165-2	9349342	9311812	9319164	9326773	0.21	cps
Indium	115-1	15474740	15437196	15498288	15470075	0.20	cps
Indium	115-2	2508929	2525562	2508594	2514362	0.39	cps
Iron	56-2	341959752	342623719	346171186	343584885	0.66	cps
Iron	57-2	348518409	349187408	352735475	350147097	0.65	cps
Krypton	83-1	713	690	690	698	1.93	cps
Lead	206-1	5088928	5012993	5033457	5045126	0.78	cps
Lead	207-1	4499186	4495986	4546603	4513925	0.63	cps
Lead	208-1	20568383	20462048	20552873	20527768	0.28	cps
Lithium	6-1	4425105	4451453	4433134	4436564	0.30	cps
Magnesium	24-2	62232778	62597943	62891251	62573991	0.53	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 13:52:37	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1922264	1932404	1957312	1937327	0.93	cps
Molybdenum	94-1	13307328	13104298	12966229	13125952	1.31	cps
Molybdenum	95-1	16118425	15939662	15812282	15956790	0.96	cps
Molybdenum	96-1	17850562	17588692	17626155	17688470	0.80	cps
Molybdenum	97-1	10055636	9958681	9959219	9991178	0.56	cps
Molybdenum	98-1	26067558	25807356	25804262	25893059	0.58	cps
Neodymium	150-1	680	760	833	758	10.12	cps
Neodymium	150-2	77	63	103	81	25.12	cps
Nickel	60-2	702633	714056	716520	711070	1.04	cps
Phosphorus	31-2	55689	56148	56825	56221	1.02	cps
Potassium	39-2	27745442	27690288	27909670	27781800	0.41	cps
Rhodium	103-1	13232195	13087932	13112078	13144069	0.59	cps
Rhodium	103-2	5642221	5728088	5734230	5701513	0.90	cps
Scandium	45-1	10052864	9934824	9985501	9991063	0.59	cps
Scandium	45-2	356792	357753	358862	357803	0.29	cps
Selenium	77-2	4597	5034	4721	4784	4.71	cps
Selenium	78-2	16589	16120	16115	16275	1.67	cps
Selenium	82-1	137589	137378	137299	137422	0.11	cps
Silicon	28-1	4804844	4813612	4930372	4849609	1.45	cps
Silver	109-1	7796225	7890750	7756524	7814500	0.88	cps
Silver	107-1	8141420	8205035	8100732	8149062	0.65	cps
Sodium	23-2	120726019	122524844	122618328	121956397	0.87	cps
Strontium	86-1	2141002	2115644	2142840	2133162	0.71	cps
Strontium	88-1	18585297	18481592	18533740	18533543	0.28	cps
Sulfur	34-1	1226070	1215478	1220446	1220664	0.43	cps
Terbium	159-1	21039787	20789618	20723481	20850962	0.80	cps
Terbium	159-2	9209506	9197024	9274011	9226847	0.45	cps
Thallium	203-1	6233478	6199455	6225499	6219478	0.29	cps
Thallium	205-1	14926360	14791257	14802392	14840003	0.51	cps
Thorium	232-1	23538870	22814162	22923478	23092170	1.69	cps
Tin	118-1	5383056	5362136	5359149	5368114	0.24	cps
Titanium	47-1	4634531	4587789	4604901	4609074	0.51	cps
Uranium	238-1	23038902	22643168	22814794	22832288	0.87	cps
Vanadium	51-2	1345607	1351723	1347931	1348420	0.23	cps
Yttrium	89-1	19355064	19518446	19459320	19444277	0.43	cps
Yttrium	89-2	2223405	2237145	2228227	2229592	0.31	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 13:52:37	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	607278	616932	616645	613618	0.90	cps
Zirconium	90-1	11279036	11233496	11150161	11220898	0.58	cps
Zirconium	91-1	2507125	2475597	2459424	2480715	0.98	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:05:32	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2642	2809	2467	2639	6.48	cps
Antimony	121-1	29732	29941	28973	29549	1.73	cps
Arsenic	75-2	444	413	370	409	9.08	cps
Barium	135-1	33775	35204	35346	34775	2.50	cps
Barium	137-1	59420	60960	61161	60514	1.57	cps
Beryllium	9-1	3339	3517	3462	3439	2.64	cps
Bismuth	209-1	13575101	13691572	13952026	13739566	1.40	cps
Bismuth	209-2	7535313	7539096	7636399	7570269	0.76	cps
Boron	10-1	16351	16760	16059	16390	2.15	cps
Boron	11-1	72826	75908	75908	74881	2.38	cps
Cadmium	111-1	5226	5612	5557	5465	3.82	cps
Cadmium	106-1	9228	8778	9553	9187	4.24	cps
Cadmium	108-1	404	338	388	376	9.22	cps
Calcium	43-1	24363	23578	24705	24215	2.39	cps
Calcium	44-1	398763	402274	405072	402037	0.79	cps
Chromium	52-2	8819	8799	8799	8806	0.13	cps
Cobalt	59-2	6625	6745	6852	6741	1.68	cps
Copper	63-2	10414	10451	10667	10511	1.30	cps
Dysprosium	156-1	58	33	58	50	28.88	cps
Dysprosium	156-2	37	17	7	20	76.36	cps
Erbium	164-1	100	117	175	131	30.16	cps
Erbium	164-2	57	90	100	82	27.59	cps
Gadolinium	160-1	142	133	117	131	9.75	cps
Gadolinium	160-2	307	307	280	298	5.17	cps
Holmium	165-1	21360311	21404071	21761677	21508686	1.02	cps
Holmium	165-2	10152819	9969596	10085285	10069233	0.92	cps
Indium	115-1	17819174	18009343	17973258	17933925	0.56	cps
Indium	115-2	2815691	2834709	2845618	2832006	0.53	cps
Iron	56-2	188410	189001	189974	189128	0.42	cps
Iron	57-2	190981	191502	192279	191587	0.34	cps
Krypton	83-1	687	737	823	749	9.23	cps
Lead	206-1	12745	12200	12590	12512	2.24	cps
Lead	207-1	11678	11883	11522	11694	1.55	cps
Lead	208-1	50794	51373	52170	51446	1.34	cps
Lithium	6-1	5345466	5433796	5466419	5415227	1.16	cps
Magnesium	24-2	161249	160814	161115	161059	0.14	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:05:32	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2390	2400	2624	2471	5.34	cps
Molybdenum	94-1	29698	29222	29665	29529	0.90	cps
Molybdenum	95-1	37718	37893	37642	37751	0.34	cps
Molybdenum	96-1	40993	40433	42097	41174	2.06	cps
Molybdenum	97-1	22803	23303	23328	23145	1.28	cps
Molybdenum	98-1	58822	61509	61484	60605	2.55	cps
Neodymium	150-1	0	0	20	7	173.21	cps
Neodymium	150-2	7	10	3	7	50.03	cps
Nickel	60-2	1850	1860	1917	1876	1.92	cps
Phosphorus	31-2	475	617	442	511	18.18	cps
Potassium	39-2	152770	150440	153091	152100	0.95	cps
Rhodium	103-1	16082923	16381467	16393782	16286057	1.08	cps
Rhodium	103-2	7149632	7052539	7160213	7120795	0.83	cps
Scandium	45-1	11524574	11692090	11774624	11663763	1.09	cps
Scandium	45-2	409142	407243	412267	409551	0.62	cps
Selenium	77-2	63	80	60	68	15.81	cps
Selenium	78-2	233	272	265	257	8.04	cps
Selenium	82-1	1839	1815	1704	1786	4.04	cps
Silicon	28-1	289425	292361	292353	291380	0.58	cps
Silver	109-1	19564	20240	19740	19848	1.77	cps
Silver	107-1	21158	20808	21442	21136	1.50	cps
Sodium	23-2	315879	319862	323851	319864	1.25	cps
Strontium	86-1	5885	5668	6418	5990	6.45	cps
Strontium	88-1	42414	42280	42539	42411	0.30	cps
Sulfur	34-1	550098	554849	557983	554310	0.72	cps
Terbium	159-1	22475829	22513083	22717913	22568942	0.58	cps
Terbium	159-2	10101268	10019458	10074120	10064949	0.41	cps
Thallium	203-1	14584	14675	14500	14586	0.60	cps
Thallium	205-1	34253	34847	33544	34215	1.91	cps
Thorium	232-1	44370	44404	45792	44855	1.81	cps
Tin	118-1	63352	63067	63360	63260	0.26	cps
Titanium	47-1	10838	11080	10854	10924	1.24	cps
Uranium	238-1	47019	47170	48374	47521	1.56	cps
Vanadium	51-2	15949	15989	16079	16006	0.42	cps
Yttrium	89-1	21421726	21587916	21752018	21587220	0.77	cps
Yttrium	89-2	2458779	2443278	2478410	2460155	0.72	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:05:32	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2270	2414	2407	2364	3.42	cps
Zirconium	90-1	23887	23829	24063	23926	0.51	cps
Zirconium	91-1	5226	5168	5310	5235	1.36	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:09:11	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	75	58	67	12.49	cps
Antimony	121-1	475	492	650	539	17.92	cps
Arsenic	75-2	4	4	11	6	69.34	cps
Barium	135-1	33	42	25	33	25.01	cps
Barium	137-1	50	58	58	56	8.67	cps
Beryllium	9-1	122	78	94	98	22.88	cps
Bismuth	209-1	13798639	13525942	13703908	13676163	1.01	cps
Bismuth	209-2	7399842	7417203	7444228	7420424	0.30	cps
Boron	10-1	1909	1967	1900	1925	1.89	cps
Boron	11-1	9370	8578	8553	8833	5.26	cps
Cadmium	111-1	1701	1764	1764	1743	2.07	cps
Cadmium	106-1	8520	8653	8661	8611	0.92	cps
Cadmium	108-1	33	29	21	28	22.92	cps
Calcium	43-1	308	300	383	331	13.89	cps
Calcium	44-1	12947	13490	13481	13306	2.33	cps
Chromium	52-2	1133	1193	1137	1155	2.92	cps
Cobalt	59-2	80	80	80	80	0.00	cps
Copper	63-2	780	743	760	761	2.41	cps
Dysprosium	156-1	25	17	42	28	45.82	cps
Dysprosium	156-2	20	7	20	16	49.47	cps
Erbium	164-1	125	125	75	108	26.65	cps
Erbium	164-2	70	57	60	62	11.15	cps
Gadolinium	160-1	150	125	92	122	23.95	cps
Gadolinium	160-2	297	307	343	316	7.78	cps
Holmium	165-1	21273391	21313219	21415500	21334037	0.34	cps
Holmium	165-2	9844603	9797784	9868434	9836940	0.37	cps
Indium	115-1	17843464	17704162	17797797	17781808	0.40	cps
Indium	115-2	2767802	2789545	2821524	2792957	0.97	cps
Iron	56-2	5023	5157	5512	5231	4.83	cps
Iron	57-2	5184	5292	5647	5374	4.50	cps
Krypton	83-1	820	780	763	788	3.70	cps
Lead	206-1	1778	1639	1828	1748	5.60	cps
Lead	207-1	1767	1867	1422	1685	13.84	cps
Lead	208-1	7106	6512	6440	6686	5.47	cps
Lithium	6-1	5514940	5454991	5411691	5460541	0.95	cps
Magnesium	24-2	542	542	358	481	22.03	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:09:11	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	50	37	43	43	15.38	cps
Molybdenum	94-1	542	700	742	661	15.96	cps
Molybdenum	95-1	308	325	375	336	10.32	cps
Molybdenum	96-1	500	517	500	506	1.90	cps
Molybdenum	97-1	217	225	317	253	21.95	cps
Molybdenum	98-1	508	592	600	567	8.95	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	3	10	7	7	50.03	cps
Nickel	60-2	80	73	77	77	4.35	cps
Phosphorus	31-2	167	100	108	125	29.06	cps
Potassium	39-2	21592	22393	20907	21630	3.44	cps
Rhodium	103-1	16336138	16111697	16235210	16227681	0.69	cps
Rhodium	103-2	7023763	7032413	7036733	7030969	0.09	cps
Scandium	45-1	11657573	11689690	11587127	11644797	0.45	cps
Scandium	45-2	406659	401527	408412	405533	0.88	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	67	59	57	61	8.02	cps
Selenium	82-1	-46	-73	59	-20	-349.50	cps
Silicon	28-1	197961	198863	200179	199001	0.56	cps
Silver	109-1	183	167	175	175	4.76	cps
Silver	107-1	183	258	258	233	18.56	cps
Sodium	23-2	16893	18053	17027	17325	3.66	cps
Strontium	86-1	1267	1192	1292	1250	4.16	cps
Strontium	88-1	183	150	183	172	11.17	cps
Sulfur	34-1	558258	556222	557242	557241	0.18	cps
Terbium	159-1	22442148	22255570	22461706	22386474	0.51	cps
Terbium	159-2	9766920	9761702	9783063	9770562	0.11	cps
Thallium	203-1	725	817	833	792	7.37	cps
Thallium	205-1	1900	1909	1608	1806	9.46	cps
Thorium	232-1	2456	2439	2645	2513	4.54	cps
Tin	118-1	1333	1358	1450	1381	4.45	cps
Titanium	47-1	133	100	167	133	25.00	cps
Uranium	238-1	2367	2242	2367	2325	3.10	cps
Vanadium	51-2	20	0	7	9	114.55	cps
Yttrium	89-1	21602754	21441520	21830101	21624792	0.90	cps
Yttrium	89-2	2410439	2425967	2438856	2425087	0.59	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:09:11	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	973	803	900	892	9.56	cps
Zirconium	90-1	1183	1267	1350	1267	6.58	cps
Zirconium	91-1	317	242	275	278	13.53	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:12:50	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2592	2759	2850	2734	4.79	cps
Antimony	121-1	27294	27879	27302	27492	1.22	cps
Arsenic	75-2	430	419	450	433	3.69	cps
Barium	135-1	35446	36047	35814	35769	0.85	cps
Barium	137-1	61437	58759	59445	59880	2.32	cps
Beryllium	9-1	3639	3212	3473	3441	6.27	cps
Bismuth	209-1	13657943	13858270	13670267	13728827	0.82	cps
Bismuth	209-2	7572376	7588908	7463106	7541463	0.91	cps
Boron	10-1	15584	15333	15742	15553	1.32	cps
Boron	11-1	74551	72953	75431	74311	1.69	cps
Cadmium	111-1	5528	5816	6287	5877	6.52	cps
Cadmium	106-1	9203	9512	9520	9412	1.92	cps
Cadmium	108-1	304	333	317	318	4.60	cps
Calcium	43-1	24504	24087	23553	24048	1.98	cps
Calcium	44-1	404839	403379	406952	405057	0.44	cps
Chromium	52-2	8779	9006	9493	9093	4.01	cps
Cobalt	59-2	6792	6685	6788	6755	0.90	cps
Copper	63-2	10527	10507	10110	10382	2.26	cps
Dysprosium	156-1	50	50	25	42	34.64	cps
Dysprosium	156-2	37	27	13	26	45.82	cps
Erbium	164-1	117	117	117	117	0.00	cps
Erbium	164-2	97	60	73	77	24.21	cps
Gadolinium	160-1	108	133	142	128	13.57	cps
Gadolinium	160-2	270	310	257	279	9.95	cps
Holmium	165-1	21104448	21491222	21077707	21224459	1.09	cps
Holmium	165-2	9947923	10071225	9853847	9957665	1.09	cps
Indium	115-1	17746853	18105387	18031053	17961097	1.05	cps
Indium	115-2	2838526	2875323	2848999	2854283	0.66	cps
Iron	56-2	183079	182436	181042	182186	0.57	cps
Iron	57-2	185595	184679	182983	184419	0.72	cps
Krypton	83-1	767	743	737	749	2.10	cps
Lead	206-1	12656	12723	12162	12514	2.45	cps
Lead	207-1	11233	11083	10999	11105	1.07	cps
Lead	208-1	50511	49760	49838	50036	0.83	cps
Lithium	6-1	5483983	5467692	5472781	5474819	0.15	cps
Magnesium	24-2	164653	165691	160921	163755	1.53	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:12:50	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2290	2347	2610	2416	7.07	cps
Molybdenum	94-1	30116	29573	30124	29938	1.05	cps
Molybdenum	95-1	36564	36823	38670	37353	3.07	cps
Molybdenum	96-1	40433	41152	41486	41024	1.31	cps
Molybdenum	97-1	23044	23654	23445	23381	1.32	cps
Molybdenum	98-1	59349	60530	60245	60041	1.03	cps
Neodymium	150-1	7	27	7	13	86.58	cps
Neodymium	150-2	3	7	10	7	50.03	cps
Nickel	60-2	1917	1727	1934	1859	6.18	cps
Phosphorus	31-2	508	458	533	500	7.64	cps
Potassium	39-2	155263	154204	155894	155120	0.55	cps
Rhodium	103-1	16265256	16471252	16412564	16383024	0.65	cps
Rhodium	103-2	7134132	7177715	7137014	7149620	0.34	cps
Scandium	45-1	11689891	11809132	11835794	11778272	0.66	cps
Scandium	45-2	412371	419153	414308	415277	0.84	cps
Selenium	77-2	70	50	87	69	26.65	cps
Selenium	78-2	246	272	254	257	5.19	cps
Selenium	82-1	1801	1958	1854	1871	4.26	cps
Silicon	28-1	299854	300393	301286	300511	0.24	cps
Silver	109-1	19681	19255	19005	19314	1.77	cps
Silver	107-1	20282	20733	21500	20838	2.96	cps
Sodium	23-2	323363	322184	321127	322225	0.35	cps
Strontium	86-1	5785	6135	5801	5907	3.34	cps
Strontium	88-1	41261	42949	41737	41982	2.07	cps
Sulfur	34-1	578785	585713	580385	581628	0.62	cps
Terbium	159-1	22236176	22603763	22657714	22499217	1.02	cps
Terbium	159-2	9950150	10072280	9912877	9978436	0.84	cps
Thallium	203-1	14050	14275	14859	14394	2.90	cps
Thallium	205-1	32933	33226	33919	33360	1.52	cps
Thorium	232-1	43506	42670	42336	42837	1.41	cps
Tin	118-1	63159	62489	64030	63226	1.22	cps
Titanium	47-1	10704	10938	11071	10904	1.70	cps
Uranium	238-1	46233	46417	46610	46420	0.41	cps
Vanadium	51-2	16603	16663	15899	16388	2.59	cps
Yttrium	89-1	21662088	21890636	21826012	21792912	0.54	cps
Yttrium	89-2	2486880	2506251	2497740	2496957	0.39	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:12:50	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2470	2410	2424	2435	1.29	cps
Zirconium	90-1	23253	22418	22352	22674	2.22	cps
Zirconium	91-1	5068	5451	5026	5182	4.52	cps

LB Number : LB106959 Operator : Jaswal
 Lab Sample ID : K5111-01 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-SOIL-01-QT4- Dilution Factor : 1
 Date & Time Acquired :: 2019-12-27 14:19:37 DataFile Name : 020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	733	742	650	708	7.16	cps
Antimony	121-1	3692	4092	3876	3887	5.15	cps
Arsenic	75-2	98	100	104	101	2.81	cps
Barium	135-1	4318	4359	4151	4276	2.58	cps
Barium	137-1	7686	7619	7069	7458	4.54	cps
Beryllium	9-1	1033	906	883	941	8.61	cps
Bismuth	209-1	13911274	13620076	13703870	13745074	1.09	cps
Bismuth	209-2	7587344	7569778	7615403	7590842	0.30	cps
Boron	10-1	1650	1809	2200	1886	15.01	cps
Boron	11-1	7744	8878	9595	8739	10.68	cps
Cadmium	111-1	2788	2660	2790	2746	2.72	cps
Cadmium	106-1	9095	8611	9012	8906	2.90	cps
Cadmium	108-1	104	83	71	86	19.55	cps
Calcium	43-1	1709	1517	1742	1656	7.33	cps
Calcium	44-1	33717	33835	33510	33687	0.49	cps
Chromium	52-2	2347	2180	2230	2252	3.80	cps
Cobalt	59-2	1573	1950	1750	1758	10.72	cps
Copper	63-2	3334	3460	3317	3370	2.33	cps
Dysprosium	156-1	33	17	42	31	41.66	cps
Dysprosium	156-2	27	43	23	31	34.44	cps
Erbium	164-1	67	108	100	92	24.05	cps
Erbium	164-2	90	57	83	77	23.00	cps
Gadolinium	160-1	175	83	108	122	38.77	cps
Gadolinium	160-2	373	313	277	321	15.20	cps
Holmium	165-1	21732549	21508127	21378268	21539648	0.83	cps
Holmium	165-2	10224198	10101685	10170450	10165444	0.60	cps
Indium	115-1	18321364	18123060	18251980	18232134	0.55	cps
Indium	115-2	2911025	2913644	2934670	2919780	0.44	cps
Iron	56-2	47477	47566	47109	47384	0.51	cps
Iron	57-2	47332	47673	47297	47434	0.44	cps
Krypton	83-1	763	827	733	774	6.15	cps
Lead	206-1	4418	4351	4534	4434	2.09	cps
Lead	207-1	3617	3928	3751	3765	4.15	cps
Lead	208-1	16816	17233	16966	17005	1.24	cps
Lithium	6-1	5553019	5505543	5500957	5519840	0.52	cps
Magnesium	24-2	8361	8261	8319	8314	0.60	cps

LB Number : LB106959 Operator : Jaswal
 Lab Sample ID : K5111-01 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-SOIL-01-QT4- Dilution Factor : 1
 Date & Time Acquired :: 2019-12-27 14:19:37 DataFile Name : 020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1223	1160	1223	1202	3.04	cps
Molybdenum	94-1	7502	7427	7210	7380	2.05	cps
Molybdenum	95-1	8845	8820	8103	8589	4.91	cps
Molybdenum	96-1	10029	10362	10121	10171	1.69	cps
Molybdenum	97-1	5610	5610	5726	5649	1.19	cps
Molybdenum	98-1	14708	14483	14057	14416	2.29	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	13	10	0	8	89.21	cps
Nickel	60-2	523	627	480	543	13.87	cps
Phosphorus	31-2	183	117	92	131	36.30	cps
Potassium	39-2	25648	25414	25289	25450	0.72	cps
Rhodium	103-1	16664754	16504494	16696156	16621801	0.62	cps
Rhodium	103-2	7293194	7288399	7299301	7293632	0.07	cps
Scandium	45-1	12141089	11966476	12100289	12069285	0.76	cps
Scandium	45-2	432918	427887	431437	430747	0.60	cps
Selenium	77-2	13	23	17	18	28.64	cps
Selenium	78-2	183	167	170	173	5.05	cps
Selenium	82-1	834	783	832	817	3.53	cps
Silicon	28-1	219208	220521	221509	220413	0.52	cps
Silver	109-1	4701	4643	4793	4712	1.61	cps
Silver	107-1	4959	5076	5101	5046	1.50	cps
Sodium	23-2	29321	30382	31167	30290	3.06	cps
Strontium	86-1	2317	2475	2542	2445	4.73	cps
Strontium	88-1	10638	10438	10638	10571	1.09	cps
Sulfur	34-1	594457	592538	586654	591216	0.69	cps
Terbium	159-1	22913740	22604996	22650497	22723078	0.73	cps
Terbium	159-2	10151011	10079951	10176753	10135905	0.49	cps
Thallium	203-1	3817	3926	3884	3876	1.41	cps
Thallium	205-1	9312	9079	9345	9245	1.57	cps
Thorium	232-1	11817	11961	11628	11802	1.42	cps
Tin	118-1	3909	4067	4226	4067	3.89	cps
Titanium	47-1	2734	2734	2600	2689	2.86	cps
Uranium	238-1	12890	12740	13566	13065	3.37	cps
Vanadium	51-2	813	740	747	767	5.29	cps
Yttrium	89-1	22318261	21991051	22180700	22163337	0.74	cps
Yttrium	89-2	2553339	2537608	2556195	2549047	0.39	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	K5111-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT4-	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:19:37	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1227	1237	1263	1242	1.53	cps
Zirconium	90-1	6535	6769	6552	6618	1.97	cps
Zirconium	91-1	1709	1233	1508	1483	16.08	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	K5111-02	Instrumnet Name :	P7
Client Sample ID :	LOQ-SOIL-02-QT4-2019	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:23:17	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5351	5735	5218	5435	4.94	cps
Antimony	121-1	58883	58556	59242	58894	0.58	cps
Arsenic	75-2	856	857	946	886	5.85	cps
Barium	135-1	74082	74809	74668	74519	0.52	cps
Barium	137-1	129315	126993	128928	128412	0.97	cps
Beryllium	9-1	7374	7057	7119	7183	2.34	cps
Bismuth	209-1	13870488	13610185	13738880	13739851	0.95	cps
Bismuth	209-2	7590932	7603659	7532973	7575854	0.50	cps
Boron	10-1	31367	31483	31325	31392	0.26	cps
Boron	11-1	145504	147792	151773	148357	2.14	cps
Cadmium	111-1	10491	10517	10329	10445	0.98	cps
Cadmium	106-1	10237	10254	10830	10440	3.23	cps
Cadmium	108-1	663	696	783	714	8.74	cps
Calcium	43-1	53004	51975	51909	52296	1.17	cps
Calcium	44-1	858080	849223	844290	850531	0.82	cps
Chromium	52-2	17878	17844	18535	18086	2.15	cps
Cobalt	59-2	14507	14504	14431	14481	0.30	cps
Copper	63-2	21980	21386	21476	21614	1.48	cps
Dysprosium	156-1	33	25	83	47	66.82	cps
Dysprosium	156-2	23	40	20	28	38.58	cps
Erbium	164-1	92	133	108	111	18.88	cps
Erbium	164-2	50	73	93	72	30.03	cps
Gadolinium	160-1	183	133	150	156	16.37	cps
Gadolinium	160-2	247	313	327	296	14.50	cps
Holmium	165-1	21453689	21330900	21657987	21480859	0.77	cps
Holmium	165-2	10120876	10074365	10028617	10074620	0.46	cps
Indium	115-1	18368080	18330323	18310930	18336445	0.16	cps
Indium	115-2	2897081	2922960	2913776	2911272	0.45	cps
Iron	56-2	387523	383632	383302	384819	0.61	cps
Iron	57-2	392696	388203	388053	389650	0.68	cps
Krypton	83-1	777	713	750	747	4.26	cps
Lead	206-1	23660	24351	23944	23985	1.45	cps
Lead	207-1	20978	20900	20850	20910	0.31	cps
Lead	208-1	96011	96517	96814	96447	0.42	cps
Lithium	6-1	5601968	5557010	5588374	5582451	0.41	cps
Magnesium	24-2	351569	347837	347875	349094	0.61	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	K5111-02	Instrumnet Name :	P7
Client Sample ID :	LOQ-SOIL-02-QT4-2019	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:23:17	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5014	5294	5091	5133	2.82	cps
Molybdenum	94-1	63969	62512	62882	63121	1.20	cps
Molybdenum	95-1	79949	80594	80108	80217	0.42	cps
Molybdenum	96-1	87568	88021	88701	88097	0.65	cps
Molybdenum	97-1	49102	50155	49487	49581	1.08	cps
Molybdenum	98-1	130637	129309	128710	129552	0.76	cps
Neodymium	150-1	13	27	7	16	65.47	cps
Neodymium	150-2	13	10	3	9	57.30	cps
Nickel	60-2	4054	4007	4307	4123	3.92	cps
Phosphorus	31-2	950	892	867	903	4.74	cps
Potassium	39-2	308937	304789	306055	306594	0.69	cps
Rhodium	103-1	16714558	16690152	16888656	16764455	0.65	cps
Rhodium	103-2	7308206	7334983	7299229	7314139	0.25	cps
Scandium	45-1	12161698	12229390	12087691	12159593	0.58	cps
Scandium	45-2	430512	432031	430115	430886	0.23	cps
Selenium	77-2	163	130	137	143	12.31	cps
Selenium	78-2	493	533	446	491	8.87	cps
Selenium	82-1	3956	4038	3889	3961	1.88	cps
Silicon	28-1	425651	424002	428468	426040	0.53	cps
Silver	109-1	41262	42222	40267	41250	2.37	cps
Silver	107-1	44069	42272	43234	43192	2.08	cps
Sodium	23-2	667556	667358	665240	666718	0.19	cps
Strontium	86-1	11171	11221	11205	11199	0.23	cps
Strontium	88-1	88809	90360	88531	89233	1.10	cps
Sulfur	34-1	599681	606799	605285	603922	0.62	cps
Terbium	159-1	22902480	22888669	22767311	22852820	0.33	cps
Terbium	159-2	10184017	10095440	10088953	10122803	0.52	cps
Thallium	203-1	28540	27471	28865	28292	2.58	cps
Thallium	205-1	67757	67087	68376	67740	0.95	cps
Thorium	232-1	89314	87485	85511	87437	2.18	cps
Tin	118-1	133378	134431	132487	133432	0.73	cps
Titanium	47-1	23653	24145	23611	23803	1.25	cps
Uranium	238-1	95540	95449	96038	95676	0.33	cps
Vanadium	51-2	35032	35513	35920	35488	1.25	cps
Yttrium	89-1	22564561	22372886	22465531	22467660	0.43	cps
Yttrium	89-2	2530677	2555659	2544371	2543569	0.49	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	K5111-02	Instrumnet Name :	P7
Client Sample ID :	LOQ-SOIL-02-QT4-2019	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:23:17	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4094	4047	4321	4154	3.52	cps
Zirconium	90-1	49185	49545	48232	48987	1.39	cps
Zirconium	91-1	11180	10571	10771	10841	2.86	cps

LB Number : LB106959 Operator : Jaswal
 Lab Sample ID : K5111-07RE Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-27 14:26:56 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	817	825	767	803	3.93	cps
Antimony	121-1	3384	3401	3809	3531	6.82	cps
Arsenic	75-2	122	102	119	114	9.50	cps
Barium	135-1	4409	4126	4234	4256	3.36	cps
Barium	137-1	7778	7869	7294	7647	4.04	cps
Beryllium	9-1	922	861	967	917	5.78	cps
Bismuth	209-1	13710311	13771463	13537443	13673072	0.89	cps
Bismuth	209-2	7760041	7728952	7702498	7730497	0.37	cps
Boron	10-1	2100	2142	2134	2125	1.04	cps
Boron	11-1	10112	10270	10029	10137	1.21	cps
Cadmium	111-1	2955	2887	2760	2867	3.45	cps
Cadmium	106-1	9245	9270	9228	9248	0.23	cps
Cadmium	108-1	117	125	117	119	4.03	cps
Calcium	43-1	1583	1650	1558	1597	2.97	cps
Calcium	44-1	32607	34527	33283	33472	2.91	cps
Chromium	52-2	2124	2077	2280	2160	4.93	cps
Cobalt	59-2	1703	1707	1850	1753	4.78	cps
Copper	63-2	3260	3227	3354	3280	2.00	cps
Dysprosium	156-1	25	33	67	42	52.92	cps
Dysprosium	156-2	30	27	40	32	21.53	cps
Erbium	164-1	117	133	100	117	14.29	cps
Erbium	164-2	73	73	93	80	14.44	cps
Gadolinium	160-1	150	108	100	119	22.43	cps
Gadolinium	160-2	363	363	293	340	11.89	cps
Holmium	165-1	21556194	21657570	21218010	21477258	1.07	cps
Holmium	165-2	10303274	10318605	10190254	10270711	0.68	cps
Indium	115-1	18363010	18254076	18212004	18276363	0.43	cps
Indium	115-2	2909887	2960778	2936799	2935821	0.87	cps
Iron	56-2	47388	47065	48152	47535	1.17	cps
Iron	57-2	47375	47122	48149	47549	1.13	cps
Krypton	83-1	753	783	907	814	9.98	cps
Lead	206-1	4406	4356	4017	4260	4.97	cps
Lead	207-1	3867	3745	3951	3854	2.68	cps
Lead	208-1	16510	17177	16660	16782	2.09	cps
Lithium	6-1	5571500	5614919	5542440	5576286	0.65	cps
Magnesium	24-2	8161	8569	8503	8411	2.61	cps

LB Number : LB106959 Operator : Jaswal
 Lab Sample ID : K5111-07RE Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-27 14:26:56 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1297	1143	1297	1246	7.11	cps
Molybdenum	94-1	7627	7494	7761	7627	1.75	cps
Molybdenum	95-1	9212	8953	9003	9056	1.51	cps
Molybdenum	96-1	9929	10171	9937	10012	1.37	cps
Molybdenum	97-1	5885	5726	5485	5699	3.54	cps
Molybdenum	98-1	14967	14967	14800	14911	0.65	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	3	0	10	4	114.60	cps
Nickel	60-2	510	503	527	513	2.34	cps
Phosphorus	31-2	158	208	175	181	14.10	cps
Potassium	39-2	25715	25197	24229	25047	3.01	cps
Rhodium	103-1	16631522	16595098	16626038	16617553	0.12	cps
Rhodium	103-2	7353680	7413638	7344865	7370728	0.51	cps
Scandium	45-1	12181122	12162176	11958252	12100516	1.02	cps
Scandium	45-2	433227	433789	430967	432661	0.35	cps
Selenium	77-2	53	30	40	41	28.47	cps
Selenium	78-2	154	146	137	146	5.73	cps
Selenium	82-1	778	751	629	719	11.01	cps
Silicon	28-1	219672	221085	218777	219845	0.53	cps
Silver	109-1	4634	4818	4759	4737	1.98	cps
Silver	107-1	4751	5060	5101	4971	3.85	cps
Sodium	23-2	31300	30023	29196	30173	3.51	cps
Strontium	86-1	2209	2167	2667	2348	11.82	cps
Strontium	88-1	10212	10229	9912	10118	1.76	cps
Sulfur	34-1	597698	598676	595047	597140	0.31	cps
Terbium	159-1	22582689	22423472	22676186	22560782	0.57	cps
Terbium	159-2	10236078	10326315	10193650	10252014	0.66	cps
Thallium	203-1	4009	4109	4184	4101	2.14	cps
Thallium	205-1	9354	8945	8870	9056	2.87	cps
Thorium	232-1	12028	12490	12567	12362	2.36	cps
Tin	118-1	3959	4634	4234	4276	7.94	cps
Titanium	47-1	2675	2967	2867	2837	5.23	cps
Uranium	238-1	13741	13966	13825	13844	0.82	cps
Vanadium	51-2	870	777	800	816	5.96	cps
Yttrium	89-1	22407689	22419768	22259238	22362232	0.40	cps
Yttrium	89-2	2548402	2564835	2558756	2557331	0.32	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	K5111-07RE	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:26:56	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1220	1303	1293	1272	3.58	cps
Zirconium	90-1	6785	6168	6435	6463	4.79	cps
Zirconium	91-1	1417	1333	1492	1414	5.60	cps

LB Number : LB106959 Operator : Jaswal
 Lab Sample ID : K5111-08RE Instrumnet Name : P7
 Client Sample ID : LOQ-WATER-02-QT4-20 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-27 14:30:36 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5868	5835	5518	5740	3.37	cps
Antimony	121-1	58766	59301	57937	58668	1.17	cps
Arsenic	75-2	841	824	969	878	9.00	cps
Barium	135-1	76091	77274	75405	76257	1.24	cps
Barium	137-1	126456	133202	130248	129969	2.60	cps
Beryllium	9-1	7713	7613	7202	7509	3.61	cps
Bismuth	209-1	13807742	13786623	14166302	13920222	1.53	cps
Bismuth	209-2	7435186	7518284	7555503	7502991	0.82	cps
Boron	10-1	32210	33864	34048	33374	3.03	cps
Boron	11-1	147895	157042	158560	154499	3.73	cps
Cadmium	111-1	10313	10412	10522	10416	1.01	cps
Cadmium	106-1	10738	10688	10554	10660	0.89	cps
Cadmium	108-1	750	808	792	783	3.84	cps
Calcium	43-1	51115	52067	52570	51917	1.42	cps
Calcium	44-1	860349	863396	865822	863189	0.32	cps
Chromium	52-2	17808	17504	17768	17693	0.93	cps
Cobalt	59-2	14311	14094	13880	14095	1.53	cps
Copper	63-2	21893	20328	20858	21026	3.79	cps
Dysprosium	156-1	25	67	58	50	44.10	cps
Dysprosium	156-2	13	20	20	18	21.66	cps
Erbium	164-1	83	100	183	122	43.83	cps
Erbium	164-2	77	107	73	86	21.46	cps
Gadolinium	160-1	183	192	125	167	21.79	cps
Gadolinium	160-2	367	237	280	294	22.48	cps
Holmium	165-1	21897622	21846397	22231174	21991731	0.95	cps
Holmium	165-2	9858094	10051889	10150128	10020037	1.48	cps
Indium	115-1	18552690	18470919	18848537	18624049	1.07	cps
Indium	115-2	2843057	2924803	2929538	2899133	1.68	cps
Iron	56-2	378029	379063	377703	378265	0.19	cps
Iron	57-2	382552	383282	382818	382884	0.10	cps
Krypton	83-1	737	827	853	806	7.59	cps
Lead	206-1	24250	24089	23972	24104	0.58	cps
Lead	207-1	21418	21879	21985	21761	1.39	cps
Lead	208-1	96477	98311	99666	98151	1.63	cps
Lithium	6-1	5750540	5775222	5746656	5757473	0.27	cps
Magnesium	24-2	345389	339861	345523	343591	0.94	cps

LB Number : LB106959 Operator : Jaswal
 Lab Sample ID : K5111-08RE Instrumnet Name : P7
 Client Sample ID : LOQ-WATER-02-QT4-20 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-27 14:30:36 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5324	5134	4894	5118	4.21	cps
Molybdenum	94-1	63869	63994	62964	63609	0.88	cps
Molybdenum	95-1	81039	83092	79287	81139	2.35	cps
Molybdenum	96-1	88179	91408	86831	88806	2.65	cps
Molybdenum	97-1	50122	51569	48576	50089	2.99	cps
Molybdenum	98-1	129812	131610	129173	130199	0.97	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	3	13	7	8	65.47	cps
Nickel	60-2	3871	4011	3891	3924	1.93	cps
Phosphorus	31-2	917	867	850	878	3.95	cps
Potassium	39-2	307467	306599	303700	305922	0.64	cps
Rhodium	103-1	17014621	16816549	17056635	16962602	0.76	cps
Rhodium	103-2	7162655	7279161	7283950	7241922	0.95	cps
Scandium	45-1	12350554	12258976	12517284	12375605	1.06	cps
Scandium	45-2	420488	429954	431445	427295	1.39	cps
Selenium	77-2	123	127	140	130	6.78	cps
Selenium	78-2	504	509	519	511	1.47	cps
Selenium	82-1	3884	3890	3804	3859	1.24	cps
Silicon	28-1	429626	434004	426548	430059	0.87	cps
Silver	109-1	43067	42373	43276	42905	1.10	cps
Silver	107-1	45064	44613	44814	44830	0.50	cps
Sodium	23-2	674305	656396	655383	662028	1.61	cps
Strontium	86-1	11397	11305	12039	11580	3.45	cps
Strontium	88-1	89369	89117	90033	89507	0.53	cps
Sulfur	34-1	613210	618920	611111	614414	0.66	cps
Terbium	159-1	23079842	22998166	23361628	23146545	0.82	cps
Terbium	159-2	9868042	10094983	10123541	10028855	1.40	cps
Thallium	203-1	29417	28440	29325	29060	1.86	cps
Thallium	205-1	68193	69038	68536	68589	0.62	cps
Thorium	232-1	89119	88218	87743	88360	0.79	cps
Tin	118-1	136845	135170	133588	135201	1.20	cps
Titanium	47-1	23820	25014	24229	24354	2.49	cps
Uranium	238-1	96424	97515	98161	97367	0.90	cps
Vanadium	51-2	34988	34397	34868	34751	0.90	cps
Yttrium	89-1	22835623	22624502	23125903	22862009	1.10	cps
Yttrium	89-2	2488371	2535214	2560461	2528015	1.45	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	K5111-08RE	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-02-QT4-20	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:30:36	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4177	4094	4247	4173	1.84	cps
Zirconium	90-1	48759	51360	49704	49941	2.64	cps
Zirconium	91-1	11230	11155	10905	11096	1.53	cps

LB Number : LB106959 Operator : Jaswal
 Lab Sample ID : K5111-07 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-27 14:34:16 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	725	792	600	706	13.79	cps
Antimony	121-1	3526	3817	3859	3734	4.87	cps
Arsenic	75-2	113	115	122	117	4.20	cps
Barium	135-1	4526	4309	4768	4534	5.06	cps
Barium	137-1	7836	7160	7669	7555	4.66	cps
Beryllium	9-1	889	945	1045	959	8.22	cps
Bismuth	209-1	13173357	13415375	12163089	12917274	5.14	cps
Bismuth	209-2	7312414	7499740	7258499	7356885	1.72	cps
Boron	10-1	2234	2125	2092	2150	3.45	cps
Boron	11-1	10429	10171	10062	10221	1.84	cps
Cadmium	111-1	2838	2818	2667	2775	3.37	cps
Cadmium	106-1	9095	8870	8361	8775	4.28	cps
Cadmium	108-1	92	133	108	111	18.88	cps
Calcium	43-1	1533	1508	1558	1533	1.63	cps
Calcium	44-1	33333	32205	33926	33155	2.64	cps
Chromium	52-2	2254	2157	2197	2202	2.21	cps
Cobalt	59-2	1650	1787	1753	1730	4.12	cps
Copper	63-2	3117	2930	3517	3188	9.40	cps
Dysprosium	156-1	8	33	50	31	68.64	cps
Dysprosium	156-2	23	17	20	20	16.65	cps
Erbium	164-1	167	150	50	122	51.63	cps
Erbium	164-2	60	90	90	80	21.65	cps
Gadolinium	160-1	92	217	117	142	46.69	cps
Gadolinium	160-2	220	290	240	250	14.42	cps
Holmium	165-1	20650628	21278785	19200510	20376641	5.23	cps
Holmium	165-2	9793659	9954259	9660146	9802688	1.50	cps
Indium	115-1	17442031	17970359	16133247	17181879	5.50	cps
Indium	115-2	2803125	2883078	2810217	2832140	1.56	cps
Iron	56-2	45911	45465	45348	45575	0.65	cps
Iron	57-2	46040	45585	45411	45679	0.71	cps
Krypton	83-1	793	753	620	722	12.57	cps
Lead	206-1	3967	4340	4112	4140	4.53	cps
Lead	207-1	3690	3612	3634	3645	1.10	cps
Lead	208-1	16132	16460	15799	16130	2.05	cps
Lithium	6-1	5553137	5651935	5186481	5463851	4.49	cps
Magnesium	24-2	8211	8153	7536	7966	4.70	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	K5111-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:34:16	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1177	1163	1060	1133	5.63	cps
Molybdenum	94-1	7752	7544	7536	7611	1.61	cps
Molybdenum	95-1	9103	9128	8903	9045	1.36	cps
Molybdenum	96-1	10146	10288	10329	10254	0.94	cps
Molybdenum	97-1	5635	5760	5835	5743	1.76	cps
Molybdenum	98-1	14608	14149	14483	14413	1.64	cps
Neodymium	150-1	20	7	7	11	69.25	cps
Neodymium	150-2	10	13	17	13	25.01	cps
Nickel	60-2	470	450	633	518	19.42	cps
Phosphorus	31-2	150	158	117	142	15.56	cps
Potassium	39-2	23753	25949	25039	24914	4.43	cps
Rhodium	103-1	16157345	16481174	15044528	15894349	4.74	cps
Rhodium	103-2	7112736	7269827	7084023	7155529	1.40	cps
Scandium	45-1	11632230	11900929	10744650	11425936	5.30	cps
Scandium	45-2	411626	427172	413255	417351	2.05	cps
Selenium	77-2	27	43	37	36	23.58	cps
Selenium	78-2	167	152	124	148	14.65	cps
Selenium	82-1	775	794	995	854	14.29	cps
Silicon	28-1	218049	221336	220148	219844	0.76	cps
Silver	109-1	4893	4701	4901	4832	2.34	cps
Silver	107-1	5126	5276	5093	5165	1.89	cps
Sodium	23-2	30440	30707	30207	30451	0.82	cps
Strontium	86-1	2384	2434	2417	2411	1.06	cps
Strontium	88-1	10621	10955	11338	10971	3.27	cps
Sulfur	34-1	596730	598008	599868	598202	0.26	cps
Terbium	159-1	22031397	22431415	20284813	21582542	5.29	cps
Terbium	159-2	9869675	10040859	9717538	9876024	1.64	cps
Thallium	203-1	3901	4184	4159	4081	3.84	cps
Thallium	205-1	8970	9320	8728	9006	3.30	cps
Thorium	232-1	12695	12078	11728	12167	4.03	cps
Tin	118-1	4142	4693	4318	4384	6.41	cps
Titanium	47-1	2767	2817	2942	2842	3.17	cps
Uranium	238-1	13524	13090	13716	13444	2.38	cps
Vanadium	51-2	800	750	840	797	5.66	cps
Yttrium	89-1	21527078	22067285	19910770	21168378	5.30	cps
Yttrium	89-2	2454770	2520304	2452653	2475909	1.55	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	K5111-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:34:16	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1237	1303	1310	1283	3.16	cps
Zirconium	90-1	7269	6844	6402	6838	6.34	cps
Zirconium	91-1	1558	1433	1383	1458	6.18	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	K5111-08	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-02-QT4-20	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:37:56	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5668	5635	5418	5573	2.44	cps
Antimony	121-1	59226	59779	58950	59318	0.71	cps
Arsenic	75-2	906	933	954	931	2.60	cps
Barium	135-1	76352	77366	75506	76408	1.22	cps
Barium	137-1	129676	128710	132000	130129	1.30	cps
Beryllium	9-1	7513	7797	7697	7669	1.87	cps
Bismuth	209-1	14130363	13883550	14008390	14007434	0.88	cps
Bismuth	209-2	8054593	7408740	7442544	7635292	4.76	cps
Boron	10-1	32519	33781	33922	33407	2.31	cps
Boron	11-1	148676	157899	154695	153757	3.05	cps
Cadmium	111-1	9921	10521	10665	10369	3.80	cps
Cadmium	106-1	10371	10763	10671	10602	1.93	cps
Cadmium	108-1	746	717	800	754	5.61	cps
Calcium	43-1	53623	53196	53122	53314	0.51	cps
Calcium	44-1	862952	868573	869037	866854	0.39	cps
Chromium	52-2	18175	18755	18756	18562	1.81	cps
Cobalt	59-2	14931	14234	14391	14518	2.52	cps
Copper	63-2	21897	22127	21847	21957	0.68	cps
Dysprosium	156-1	42	17	42	33	43.30	cps
Dysprosium	156-2	17	7	20	14	48.02	cps
Erbium	164-1	92	142	117	117	21.43	cps
Erbium	164-2	80	67	67	71	10.82	cps
Gadolinium	160-1	117	100	225	147	46.10	cps
Gadolinium	160-2	357	363	300	340	10.24	cps
Holmium	165-1	22046945	21849094	22021741	21972593	0.49	cps
Holmium	165-2	10711556	9855304	9974355	10180405	4.56	cps
Indium	115-1	18514211	18475333	18502965	18497503	0.11	cps
Indium	115-2	3067026	2811281	2828980	2902429	4.92	cps
Iron	56-2	390036	396912	392643	393197	0.88	cps
Iron	57-2	394905	401730	397551	398062	0.86	cps
Krypton	83-1	810	793	807	803	1.10	cps
Lead	206-1	25158	24306	25581	25015	2.60	cps
Lead	207-1	21807	22124	22102	22011	0.80	cps
Lead	208-1	100211	99046	100511	99922	0.77	cps
Lithium	6-1	5814431	5772956	5749525	5778971	0.57	cps
Magnesium	24-2	354236	364311	357869	358805	1.42	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	K5111-08	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-02-QT4-20	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:37:56	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5118	5374	5341	5278	2.65	cps
Molybdenum	94-1	65233	63693	64781	64569	1.23	cps
Molybdenum	95-1	82111	81022	79924	81019	1.35	cps
Molybdenum	96-1	89672	88633	89304	89203	0.59	cps
Molybdenum	97-1	50331	51034	50658	50674	0.69	cps
Molybdenum	98-1	127542	130005	131056	129535	1.39	cps
Neodymium	150-1	40	27	13	27	50.01	cps
Neodymium	150-2	0	13	20	11	91.66	cps
Nickel	60-2	4174	4104	4247	4175	1.72	cps
Phosphorus	31-2	908	1075	850	945	12.36	cps
Potassium	39-2	317148	316186	312574	315303	0.76	cps
Rhodium	103-1	16761615	16707990	16800571	16756725	0.28	cps
Rhodium	103-2	7711197	7023224	7130219	7288214	5.08	cps
Scandium	45-1	12307311	12219830	12202629	12243257	0.46	cps
Scandium	45-2	449652	417868	411559	426360	4.79	cps
Selenium	77-2	160	163	137	153	9.48	cps
Selenium	78-2	535	532	491	519	4.75	cps
Selenium	82-1	3840	3927	4082	3950	3.10	cps
Silicon	28-1	431284	431571	432661	431839	0.17	cps
Silver	109-1	42356	42106	40476	41646	2.45	cps
Silver	107-1	44104	42398	42941	43148	2.02	cps
Sodium	23-2	681231	690178	680854	684088	0.77	cps
Strontium	86-1	12231	11196	11897	11775	4.48	cps
Strontium	88-1	90561	90343	90091	90332	0.26	cps
Sulfur	34-1	620038	618509	616717	618421	0.27	cps
Terbium	159-1	23216890	22991791	23103913	23104198	0.49	cps
Terbium	159-2	10822393	9831627	10024083	10226034	5.14	cps
Thallium	203-1	29200	28131	31179	29503	5.24	cps
Thallium	205-1	71225	68737	68771	69578	2.05	cps
Thorium	232-1	92297	92039	89265	91200	1.84	cps
Tin	118-1	132301	137138	135699	135046	1.84	cps
Titanium	47-1	24012	23636	23352	23667	1.40	cps
Uranium	238-1	98311	97036	98580	97976	0.84	cps
Vanadium	51-2	36241	36345	36465	36350	0.31	cps
Yttrium	89-1	22787264	22569876	22596428	22651189	0.52	cps
Yttrium	89-2	2653189	2469075	2473899	2532054	4.14	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	K5111-08	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-02-QT4-20	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:37:56	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4297	4564	4407	4423	3.03	cps
Zirconium	90-1	51443	49562	49051	50019	2.52	cps
Zirconium	91-1	11814	11230	11297	11447	2.79	cps

LB Number : LB106959 Operator : Jaswal
 Lab Sample ID : PB125696BL Instrumnet Name : P7
 Client Sample ID : PB125696BL Dilution Factor : 1
 Date & Time Acquired :: 2019-12-27 14:42:33 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	33	25	31	15.74	cps
Antimony	121-1	183	258	183	208	20.79	cps
Arsenic	75-2	6	6	2	4	49.54	cps
Barium	135-1	25	25	75	42	69.28	cps
Barium	137-1	33	17	17	22	43.28	cps
Beryllium	9-1	94	106	56	85	30.82	cps
Bismuth	209-1	13594215	13484360	13608915	13562497	0.50	cps
Bismuth	209-2	7483633	7499259	7556523	7513138	0.51	cps
Boron	10-1	1642	1525	1358	1508	9.44	cps
Boron	11-1	7294	7419	6977	7230	3.15	cps
Cadmium	111-1	1705	1779	1749	1744	2.13	cps
Cadmium	106-1	8545	8953	8645	8714	2.44	cps
Cadmium	108-1	42	29	13	28	52.68	cps
Calcium	43-1	275	308	358	314	13.36	cps
Calcium	44-1	13131	13381	13206	13239	0.97	cps
Chromium	52-2	1143	1173	1120	1146	2.33	cps
Cobalt	59-2	103	73	57	78	30.41	cps
Copper	63-2	750	680	720	717	4.90	cps
Dysprosium	156-1	58	8	83	50	76.38	cps
Dysprosium	156-2	10	23	20	18	39.03	cps
Erbium	164-1	117	142	92	117	21.43	cps
Erbium	164-2	53	67	70	63	13.93	cps
Gadolinium	160-1	192	125	133	150	24.22	cps
Gadolinium	160-2	290	340	283	304	10.17	cps
Holmium	165-1	21287399	21088074	21177732	21184402	0.47	cps
Holmium	165-2	9993087	10025825	9991129	10003347	0.19	cps
Indium	115-1	17929209	17827485	17789697	17848797	0.40	cps
Indium	115-2	2847243	2878453	2855760	2860485	0.56	cps
Iron	56-2	3706	3856	3695	3752	2.40	cps
Iron	57-2	3934	3961	3829	3908	1.77	cps
Krypton	83-1	743	803	693	747	7.38	cps
Lead	206-1	1522	1256	1245	1341	11.73	cps
Lead	207-1	1211	1211	1256	1226	2.09	cps
Lead	208-1	5089	4706	5001	4932	4.07	cps
Lithium	6-1	5607603	5567957	5612060	5595873	0.43	cps
Magnesium	24-2	250	267	325	281	14.04	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	PB125696BL	Instrumnet Name :	P7
Client Sample ID :	PB125696BL	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:42:33	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	50	57	43	50	13.34	cps
Molybdenum	94-1	483	408	583	492	17.86	cps
Molybdenum	95-1	200	108	183	164	29.79	cps
Molybdenum	96-1	292	283	375	317	16.01	cps
Molybdenum	97-1	75	125	158	119	35.12	cps
Molybdenum	98-1	217	275	167	219	24.71	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	13	10	3	9	57.30	cps
Nickel	60-2	63	83	57	68	20.48	cps
Phosphorus	31-2	150	150	167	156	6.19	cps
Potassium	39-2	21642	21141	22626	21803	3.47	cps
Rhodium	103-1	16273985	16324496	16245677	16281386	0.25	cps
Rhodium	103-2	7173737	7169796	7191865	7178466	0.16	cps
Scandium	45-1	11900522	11794223	11840094	11844947	0.45	cps
Scandium	45-2	416750	421657	422700	420369	0.76	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	59	67	59	62	6.93	cps
Selenium	82-1	28	-24	68	24	192.89	cps
Silicon	28-1	211845	212329	212699	212291	0.20	cps
Silver	109-1	50	67	83	67	25.00	cps
Silver	107-1	142	150	142	144	3.33	cps
Sodium	23-2	14049	14666	14382	14366	2.15	cps
Strontium	86-1	1217	1308	1175	1233	5.53	cps
Strontium	88-1	150	133	108	131	16.06	cps
Sulfur	34-1	594340	597258	589607	593735	0.65	cps
Terbium	159-1	22659707	22157277	22301016	22372667	1.16	cps
Terbium	159-2	10046228	9994505	9963662	10001465	0.42	cps
Thallium	203-1	550	675	692	639	12.12	cps
Thallium	205-1	983	1008	1292	1095	15.65	cps
Thorium	232-1	2628	2461	2489	2526	3.54	cps
Tin	118-1	1192	1133	1167	1164	2.51	cps
Titanium	47-1	100	158	67	108	42.83	cps
Uranium	238-1	2159	2242	2334	2245	3.90	cps
Vanadium	51-2	10	0	3	4	114.60	cps
Yttrium	89-1	21841261	21632990	21722067	21732106	0.48	cps
Yttrium	89-2	2480815	2495822	2504076	2493571	0.47	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	PB125696BL	Instrumnet Name :	P7
Client Sample ID :	PB125696BL	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:42:33	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	763	780	877	807	7.59	cps
Zirconium	90-1	1392	1417	1458	1422	2.37	cps
Zirconium	91-1	400	275	392	356	19.66	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	PB125696BS	Instrumnet Name :	P7
Client Sample ID :	PB125696BS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:46:24	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1159633	1117774	1118267	1131892	2.12	cps
Antimony	121-1	6905963	7027383	6967122	6966823	0.87	cps
Arsenic	75-2	188381	184302	184027	185570	1.31	cps
Barium	135-1	8616257	8714801	8606321	8645793	0.69	cps
Barium	137-1	14900359	14890578	14851657	14880865	0.17	cps
Beryllium	9-1	1592463	1584981	1578267	1585237	0.45	cps
Bismuth	209-1	13218689	12944176	13228642	13130502	1.23	cps
Bismuth	209-2	7006421	6900174	6791175	6899257	1.56	cps
Boron	10-1	274355	282484	284289	280376	1.89	cps
Boron	11-1	1296741	1316334	1323602	1312226	1.06	cps
Cadmium	111-1	1898016	1902599	1893995	1898203	0.23	cps
Cadmium	106-1	234488	235394	235543	235141	0.24	cps
Cadmium	108-1	156646	156527	155943	156372	0.24	cps
Calcium	43-1	2381009	2380371	2378925	2380102	0.04	cps
Calcium	44-1	38585851	38807192	38057655	38483566	1.00	cps
Chromium	52-2	1810850	1760631	1761023	1777501	1.62	cps
Cobalt	59-2	3021278	2908386	2949401	2959688	1.93	cps
Copper	63-2	4214178	4094403	4135477	4148019	1.47	cps
Dysprosium	156-1	142	142	183	156	15.47	cps
Dysprosium	156-2	140	147	140	142	2.71	cps
Erbium	164-1	158	183	125	156	18.81	cps
Erbium	164-2	97	57	97	83	27.71	cps
Gadolinium	160-1	192	183	225	200	11.02	cps
Gadolinium	160-2	310	290	310	303	3.81	cps
Holmium	165-1	21370166	20984682	21303369	21219406	0.97	cps
Holmium	165-2	9799832	9496508	9481033	9592458	1.87	cps
Indium	115-1	17040076	16509482	16903341	16817633	1.64	cps
Indium	115-2	2627183	2573814	2557735	2586244	1.41	cps
Iron	56-2	77290471	75124068	75080357	75831632	1.67	cps
Iron	57-2	77090583	74947688	74907421	75648564	1.65	cps
Krypton	83-1	777	790	673	747	8.55	cps
Lead	206-1	5474686	5615993	5560811	5550497	1.28	cps
Lead	207-1	4871956	4990304	4988491	4950250	1.37	cps
Lead	208-1	22256086	22788183	22655051	22566440	1.23	cps
Lithium	6-1	5287880	5091829	5098682	5159464	2.16	cps
Magnesium	24-2	14422452	13865616	13872316	14053461	2.27	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	PB125696BS	Instrumnet Name :	P7
Client Sample ID :	PB125696BS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:46:24	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2102407	2039687	2020006	2054033	2.10	cps
Molybdenum	94-1	14341013	14343575	14226897	14303828	0.47	cps
Molybdenum	95-1	17353460	17459592	17270115	17361056	0.55	cps
Molybdenum	96-1	19377372	19495575	19241223	19371390	0.66	cps
Molybdenum	97-1	10922556	11049751	10787008	10919772	1.20	cps
Molybdenum	98-1	28114873	27936918	27767491	27939761	0.62	cps
Neodymium	150-1	907	773	727	802	11.64	cps
Neodymium	150-2	50	63	43	52	19.50	cps
Nickel	60-2	792695	762903	770273	775290	2.00	cps
Phosphorus	31-2	62423	60331	60892	61215	1.77	cps
Potassium	39-2	6108586	5912457	5886270	5969104	2.04	cps
Rhodium	103-1	15071981	14504851	14944515	14840449	2.00	cps
Rhodium	103-2	6364377	6231321	6186721	6260806	1.48	cps
Scandium	45-1	11200125	10664025	10988821	10950990	2.47	cps
Scandium	45-2	381054	372712	369661	374476	1.57	cps
Selenium	77-2	5534	5384	5154	5358	3.57	cps
Selenium	78-2	17600	17427	17390	17472	0.64	cps
Selenium	82-1	156706	159526	156649	157627	1.04	cps
Silicon	28-1	5150951	5211865	5166936	5176584	0.61	cps
Silver	109-1	8854663	8775588	8745688	8791980	0.64	cps
Silver	107-1	9143554	9170732	9086672	9133653	0.47	cps
Sodium	23-2	27873513	27004233	27022624	27300123	1.82	cps
Strontium	86-1	2328405	2341801	2306886	2325697	0.76	cps
Strontium	88-1	20348678	20517578	20047690	20304649	1.17	cps
Sulfur	34-1	1408482	1395435	1375926	1393281	1.18	cps
Terbium	159-1	22514569	21717716	22424144	22218809	1.96	cps
Terbium	159-2	9626901	9444730	9384968	9485533	1.33	cps
Thallium	203-1	6859792	7009629	6859444	6909622	1.25	cps
Thallium	205-1	16343000	16483877	16483471	16436783	0.49	cps
Thorium	232-1	23991771	24370127	24396203	24252700	0.93	cps
Tin	118-1	6024754	6079505	5971172	6025144	0.90	cps
Titanium	47-1	5120300	5121821	5041747	5094623	0.90	cps
Uranium	238-1	23630871	24108611	23971667	23903717	1.03	cps
Vanadium	51-2	1454182	1411791	1407822	1424598	1.80	cps
Yttrium	89-1	21200498	20470108	20813691	20828099	1.75	cps
Yttrium	89-2	2310968	2265372	2259443	2278594	1.24	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	PB125696BS	Instrumnet Name :	P7
Client Sample ID :	PB125696BS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:46:24	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	656065	628896	632737	639233	2.30	cps
Zirconium	90-1	12198721	12340711	12184893	12241442	0.70	cps
Zirconium	91-1	2716621	2726844	2709491	2717652	0.32	cps

LB Number : LB106959 Operator : Jaswal
 Lab Sample ID : PB125697BS Instrumnet Name : P7
 Client Sample ID : PB125697BS Dilution Factor : 1
 Date & Time Acquired :: 2019-12-27 14:50:02 DataFile Name : 028LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1135028	1132950	1128211	1132063	0.31	cps
Antimony	121-1	6898060	6757381	6773506	6809649	1.13	cps
Arsenic	75-2	182798	183975	184843	183872	0.56	cps
Barium	135-1	8542635	8376948	8366347	8428643	1.17	cps
Barium	137-1	14868388	14415900	14536674	14606987	1.60	cps
Beryllium	9-1	1521506	1511182	1482252	1504980	1.35	cps
Bismuth	209-1	13157881	12835932	12942088	12978634	1.26	cps
Bismuth	209-2	6913393	6890597	6860181	6888057	0.39	cps
Boron	10-1	273804	281239	271124	275389	1.90	cps
Boron	11-1	1285438	1290414	1277514	1284455	0.51	cps
Cadmium	111-1	1866653	1832712	1849028	1849464	0.92	cps
Cadmium	106-1	235314	233105	237323	235247	0.90	cps
Cadmium	108-1	155323	154444	155096	154954	0.29	cps
Calcium	43-1	2312969	2263822	2285248	2287346	1.08	cps
Calcium	44-1	37424244	37100339	37168884	37231156	0.46	cps
Chromium	52-2	1777282	1761099	1777086	1771822	0.52	cps
Cobalt	59-2	2969280	2952808	2959563	2960550	0.28	cps
Copper	63-2	4125015	4126527	4156146	4135896	0.42	cps
Dysprosium	156-1	158	167	150	158	5.26	cps
Dysprosium	156-2	160	143	127	143	11.63	cps
Erbium	164-1	100	142	175	139	27.05	cps
Erbium	164-2	110	97	70	92	22.08	cps
Gadolinium	160-1	92	108	200	133	43.75	cps
Gadolinium	160-2	307	267	303	292	7.60	cps
Holmium	165-1	21290489	20857637	20971662	21039929	1.07	cps
Holmium	165-2	9582759	9514075	9533074	9543303	0.37	cps
Indium	115-1	16817845	16568701	16636883	16674476	0.77	cps
Indium	115-2	2589530	2590805	2588287	2589541	0.05	cps
Iron	56-2	75766238	74763010	74950416	75159888	0.71	cps
Iron	57-2	75578827	74595263	74763748	74979279	0.70	cps
Krypton	83-1	727	750	683	720	4.70	cps
Lead	206-1	5481779	5418679	5405264	5435241	0.75	cps
Lead	207-1	4894477	4841178	4868324	4867993	0.55	cps
Lead	208-1	22350880	22015186	22100703	22155590	0.79	cps
Lithium	6-1	5022671	4931301	4931124	4961698	1.06	cps
Magnesium	24-2	13978773	13870706	13904134	13917871	0.40	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	PB125697BS	Instrumnet Name :	P7
Client Sample ID :	PB125697BS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:50:02	DataFile Name :	028LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2052797	2034315	2056819	2047977	0.59	cps
Molybdenum	94-1	14059106	13928294	13762624	13916674	1.07	cps
Molybdenum	95-1	17126821	16877577	16815038	16939812	0.97	cps
Molybdenum	96-1	18773356	18849320	18739737	18787471	0.30	cps
Molybdenum	97-1	10713424	10584012	10565389	10620942	0.76	cps
Molybdenum	98-1	27344419	27049207	27222218	27205282	0.55	cps
Neodymium	150-1	840	847	720	802	8.89	cps
Neodymium	150-2	37	67	50	51	29.41	cps
Nickel	60-2	774833	777810	783135	778593	0.54	cps
Phosphorus	31-2	62875	60231	60197	61101	2.51	cps
Potassium	39-2	5955971	5949809	5901367	5935715	0.50	cps
Rhodium	103-1	14673438	14531556	14625041	14610012	0.49	cps
Rhodium	103-2	6316487	6258757	6258107	6277784	0.53	cps
Scandium	45-1	10895478	10665752	10730635	10763955	1.10	cps
Scandium	45-2	370923	371442	372828	371731	0.26	cps
Selenium	77-2	5041	5104	5221	5122	1.78	cps
Selenium	78-2	17197	17314	17537	17349	0.99	cps
Selenium	82-1	151650	152002	152676	152109	0.34	cps
Silicon	28-1	4673265	4662755	4623891	4653304	0.56	cps
Silver	109-1	8742544	8533514	8579699	8618586	1.27	cps
Silver	107-1	9017741	8912534	9006522	8978932	0.64	cps
Sodium	23-2	27075303	27082918	27123757	27093993	0.10	cps
Strontium	86-1	2292110	2279912	2263618	2278547	0.63	cps
Strontium	88-1	19913907	19861781	19664681	19813456	0.66	cps
Sulfur	34-1	1356398	1333302	1334249	1341317	0.97	cps
Terbium	159-1	22300605	21807737	21772818	21960387	1.34	cps
Terbium	159-2	9522699	9380785	9504717	9469400	0.82	cps
Thallium	203-1	6818754	6766904	6726825	6770828	0.68	cps
Thallium	205-1	16210699	15838824	16024732	16024751	1.16	cps
Thorium	232-1	24032023	23860896	23819333	23904084	0.47	cps
Tin	118-1	5965956	5845248	5791624	5867609	1.52	cps
Titanium	47-1	4987603	4925271	4892298	4935057	0.98	cps
Uranium	238-1	23711245	23603295	23485203	23599914	0.48	cps
Vanadium	51-2	1417161	1411151	1418528	1415613	0.28	cps
Yttrium	89-1	20781743	20626542	20396121	20601469	0.94	cps
Yttrium	89-2	2274049	2256885	2283724	2271553	0.60	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	PB125697BS	Instrumnet Name :	P7
Client Sample ID :	PB125697BS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:50:02	DataFile Name :	028LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	635716	632339	635368	634474	0.29	cps
Zirconium	90-1	12098773	11907944	11769249	11925322	1.39	cps
Zirconium	91-1	2668161	2640823	2597788	2635591	1.35	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:53:41	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5669486	5704558	5667008	5680351	0.37	cps
Antimony	121-1	6228604	6259785	6255329	6247906	0.27	cps
Arsenic	75-2	173606	175156	173997	174253	0.46	cps
Barium	135-1	7850045	7957407	7869693	7892382	0.72	cps
Barium	137-1	13629314	13865260	13641812	13712129	0.97	cps
Beryllium	9-1	1378646	1383512	1376347	1379502	0.27	cps
Bismuth	209-1	11671454	11769654	11709457	11716855	0.42	cps
Bismuth	209-2	6312172	6307448	6293614	6304411	0.15	cps
Boron	10-1	247952	254093	254947	252330	1.51	cps
Boron	11-1	1169465	1190074	1184909	1181483	0.91	cps
Cadmium	111-1	1738272	1737016	1744081	1739790	0.22	cps
Cadmium	106-1	217827	221105	219923	219618	0.76	cps
Cadmium	108-1	143590	148851	146383	146275	1.80	cps
Calcium	43-1	10262988	10398138	10347178	10336101	0.66	cps
Calcium	44-1	166239105	169127044	166366196	167244115	0.98	cps
Chromium	52-2	1717108	1731382	1718670	1722387	0.45	cps
Cobalt	59-2	2768701	2765217	2760238	2764719	0.15	cps
Copper	63-2	4318601	4323087	4302365	4314684	0.25	cps
Dysprosium	156-1	475	433	442	450	4.90	cps
Dysprosium	156-2	260	300	303	288	8.38	cps
Erbium	164-1	167	158	100	142	25.64	cps
Erbium	164-2	70	93	90	84	14.95	cps
Gadolinium	160-1	358	475	392	408	14.72	cps
Gadolinium	160-2	390	453	400	414	8.22	cps
Holmium	165-1	19998964	20081053	20030128	20036715	0.21	cps
Holmium	165-2	9399667	9339955	9336968	9358863	0.38	cps
Indium	115-1	15608806	15696048	15695788	15666881	0.32	cps
Indium	115-2	2505185	2533408	2525351	2521315	0.58	cps
Iron	56-2	347354630	349667530	345478986	347500382	0.60	cps
Iron	57-2	354091123	356355973	352122421	354189839	0.60	cps
Krypton	83-1	737	660	730	709	5.99	cps
Lead	206-1	5001367	5024550	5017968	5014628	0.24	cps
Lead	207-1	4447179	4448410	4479026	4458205	0.40	cps
Lead	208-1	20352907	20375896	20411960	20380254	0.15	cps
Lithium	6-1	4560776	4581053	4612658	4584829	0.57	cps
Magnesium	24-2	64376831	65608374	65082454	65022553	0.95	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:53:41	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1959300	1956645	1945321	1953756	0.38	cps
Molybdenum	94-1	13097940	13363858	13266229	13242676	1.02	cps
Molybdenum	95-1	15998401	16098047	15995228	16030559	0.36	cps
Molybdenum	96-1	17859470	17935302	17644880	17813217	0.85	cps
Molybdenum	97-1	9995995	10158798	10110750	10088514	0.83	cps
Molybdenum	98-1	25800269	25935983	25924296	25886849	0.29	cps
Neodymium	150-1	693	687	787	722	7.74	cps
Neodymium	150-2	80	57	60	66	19.25	cps
Nickel	60-2	727488	727035	718786	724436	0.68	cps
Phosphorus	31-2	57486	58959	56509	57651	2.14	cps
Potassium	39-2	28720405	28788116	28466038	28658186	0.59	cps
Rhodium	103-1	13178610	13274536	13284517	13245888	0.44	cps
Rhodium	103-2	5727563	5816537	5813752	5785951	0.87	cps
Scandium	45-1	10186453	10318892	10274362	10259902	0.66	cps
Scandium	45-2	363984	367620	366330	365978	0.50	cps
Selenium	77-2	4891	5058	4911	4953	1.84	cps
Selenium	78-2	16000	16300	16328	16209	1.12	cps
Selenium	82-1	136937	139571	138027	138179	0.96	cps
Silicon	28-1	4963014	5027964	5031215	5007398	0.77	cps
Silver	109-1	7836569	7884204	7867794	7862855	0.31	cps
Silver	107-1	8189591	8244930	8244291	8226270	0.39	cps
Sodium	23-2	126629853	127505482	126204019	126779785	0.52	cps
Strontium	86-1	2114566	2137827	2146359	2132917	0.77	cps
Strontium	88-1	18585744	18718670	18710467	18671627	0.40	cps
Sulfur	34-1	1270163	1271905	1268259	1270109	0.14	cps
Terbium	159-1	20949815	21042527	21182139	21058160	0.56	cps
Terbium	159-2	9300380	9247607	9316405	9288131	0.39	cps
Thallium	203-1	6131548	6234931	6201515	6189331	0.85	cps
Thallium	205-1	14782635	14881059	14750216	14804637	0.46	cps
Thorium	232-1	22749777	23004969	22832223	22862323	0.57	cps
Tin	118-1	5322310	5414819	5426438	5387856	1.06	cps
Titanium	47-1	4590649	4651159	4663209	4635006	0.84	cps
Uranium	238-1	22301805	22546555	22608223	22485528	0.72	cps
Vanadium	51-2	1367308	1374867	1366936	1369704	0.33	cps
Yttrium	89-1	19561920	19646463	19607559	19605314	0.22	cps
Yttrium	89-2	2226486	2254823	2251219	2244176	0.69	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 14:53:41	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	621390	629894	629592	626959	0.77	cps
Zirconium	90-1	11152730	11374889	11307154	11278258	1.01	cps
Zirconium	91-1	2486568	2527593	2503281	2505814	0.82	cps

LB Number : LB106959 Operator : Jaswal
 Lab Sample ID : CCB05 Instrumnet Name : P7
 Client Sample ID : CCB05 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-27 15:08:44 DataFile Name : 030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	92	100	100	8.33	cps
Antimony	121-1	2375	2700	2592	2556	6.48	cps
Arsenic	75-2	6	11	9	9	32.69	cps
Barium	135-1	142	192	217	183	20.83	cps
Barium	137-1	217	167	192	192	13.05	cps
Beryllium	9-1	111	133	122	122	9.09	cps
Bismuth	209-1	13841075	13926966	14228380	13998807	1.45	cps
Bismuth	209-2	7698002	7693661	7761676	7717780	0.49	cps
Boron	10-1	2475	2617	2625	2573	3.28	cps
Boron	11-1	12389	12314	12239	12314	0.61	cps
Cadmium	111-1	1779	1761	1859	1800	2.90	cps
Cadmium	106-1	8686	8344	8962	8664	3.57	cps
Cadmium	108-1	13	17	42	24	66.81	cps
Calcium	43-1	492	517	600	536	10.58	cps
Calcium	44-1	16234	16618	16968	16607	2.21	cps
Chromium	52-2	1113	1270	1150	1178	6.96	cps
Cobalt	59-2	120	123	110	118	5.89	cps
Copper	63-2	890	830	907	876	4.61	cps
Dysprosium	156-1	33	75	33	47	50.95	cps
Dysprosium	156-2	47	27	20	31	44.61	cps
Erbium	164-1	133	83	167	128	32.82	cps
Erbium	164-2	83	80	77	80	4.16	cps
Gadolinium	160-1	100	133	192	142	32.75	cps
Gadolinium	160-2	297	313	340	317	6.90	cps
Holmium	165-1	21568914	21663736	22137191	21789947	1.40	cps
Holmium	165-2	10224052	10166079	10350217	10246783	0.92	cps
Indium	115-1	18244077	18287929	18531651	18354552	0.84	cps
Indium	115-2	2863911	2852696	2918857	2878488	1.23	cps
Iron	56-2	8909	9470	9648	9342	4.13	cps
Iron	57-2	9116	9754	9896	9589	4.33	cps
Krypton	83-1	740	780	680	733	6.86	cps
Lead	206-1	1517	1567	1506	1530	2.13	cps
Lead	207-1	1328	1333	1472	1378	5.94	cps
Lead	208-1	5406	5306	5778	5497	4.53	cps
Lithium	6-1	5501260	5551877	5644547	5565895	1.31	cps
Magnesium	24-2	1258	1250	1417	1308	7.18	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 15:08:44	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	70	77	80	76	6.74	cps
Molybdenum	94-1	833	800	875	836	4.50	cps
Molybdenum	95-1	558	717	600	625	13.13	cps
Molybdenum	96-1	700	908	733	781	14.34	cps
Molybdenum	97-1	283	433	467	394	24.76	cps
Molybdenum	98-1	942	867	1067	958	10.54	cps
Neodymium	150-1	7	27	27	20	57.73	cps
Neodymium	150-2	10	3	3	6	69.34	cps
Nickel	60-2	70	97	93	87	16.77	cps
Phosphorus	31-2	125	167	125	139	17.32	cps
Potassium	39-2	22368	23561	22618	22849	2.75	cps
Rhodium	103-1	16654523	16577359	16860058	16697313	0.88	cps
Rhodium	103-2	7318914	7282739	7301041	7300898	0.25	cps
Scandium	45-1	11924143	11934585	12341509	12066746	1.97	cps
Scandium	45-2	430722	425488	433243	429818	0.92	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	57	57	57	57	0.00	cps
Selenium	82-1	40	-3	90	42	110.80	cps
Silicon	28-1	204851	206084	209252	206729	1.10	cps
Silver	109-1	217	233	250	233	7.14	cps
Silver	107-1	392	367	275	344	17.83	cps
Sodium	23-2	20490	20189	20999	20559	1.99	cps
Strontium	86-1	1017	1308	967	1097	16.82	cps
Strontium	88-1	367	367	275	336	15.75	cps
Sulfur	34-1	566710	574407	577193	572770	0.95	cps
Terbium	159-1	22720287	22961492	23159660	22947146	0.96	cps
Terbium	159-2	10226113	10090745	10218013	10178290	0.75	cps
Thallium	203-1	908	1008	950	956	5.26	cps
Thallium	205-1	2059	1959	1917	1978	3.68	cps
Thorium	232-1	4129	4117	4634	4293	6.88	cps
Tin	118-1	1775	1742	1692	1736	2.42	cps
Titanium	47-1	150	142	192	161	16.63	cps
Uranium	238-1	2634	2642	2600	2625	0.84	cps
Vanadium	51-2	20	30	30	27	21.65	cps
Yttrium	89-1	22240216	22173279	22760499	22391331	1.44	cps
Yttrium	89-2	2529720	2520668	2543284	2531224	0.45	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 15:08:44	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	987	813	1047	949	12.77	cps
Zirconium	90-1	1608	1450	1684	1581	7.54	cps
Zirconium	91-1	283	433	417	378	21.76	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	PB125698BL	Instrumnet Name :	P7
Client Sample ID :	PB125698BL	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 15:12:23	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	42	33	31	41.66	cps
Antimony	121-1	767	725	567	686	15.38	cps
Arsenic	75-2	13	6	7	9	44.56	cps
Barium	135-1	58	50	67	58	14.29	cps
Barium	137-1	83	92	67	81	15.80	cps
Beryllium	9-1	106	150	100	119	23.12	cps
Bismuth	209-1	14714111	13131031	14018328	13954490	5.69	cps
Bismuth	209-2	7865284	7803232	7901151	7856556	0.63	cps
Boron	10-1	2417	2209	2334	2320	4.52	cps
Boron	11-1	11488	10596	10387	10824	5.40	cps
Cadmium	111-1	1935	1692	1914	1847	7.30	cps
Cadmium	106-1	9645	8394	9387	9142	7.22	cps
Cadmium	108-1	33	29	13	25	44.09	cps
Calcium	43-1	350	342	350	347	1.39	cps
Calcium	44-1	14382	13231	14499	14037	4.99	cps
Chromium	52-2	1250	1137	1123	1170	5.95	cps
Cobalt	59-2	63	107	60	77	33.96	cps
Copper	63-2	753	813	780	782	3.84	cps
Dysprosium	156-1	33	8	8	17	86.62	cps
Dysprosium	156-2	23	27	37	29	24.03	cps
Erbium	164-1	92	108	108	103	9.36	cps
Erbium	164-2	63	53	70	62	13.48	cps
Gadolinium	160-1	133	142	150	142	5.88	cps
Gadolinium	160-2	310	330	320	320	3.12	cps
Holmium	165-1	23084178	20370856	22155395	21870143	6.31	cps
Holmium	165-2	10545198	10432809	10430664	10469557	0.63	cps
Indium	115-1	19440994	17416664	18620512	18492723	5.51	cps
Indium	115-2	2977366	2962718	2992141	2977408	0.49	cps
Iron	56-2	4812	4862	4729	4801	1.40	cps
Iron	57-2	4975	5063	4920	4986	1.45	cps
Krypton	83-1	770	810	750	777	3.93	cps
Lead	206-1	1322	1356	1395	1358	2.66	cps
Lead	207-1	1278	1317	1350	1315	2.75	cps
Lead	208-1	4878	5056	5245	5060	3.62	cps
Lithium	6-1	5897520	5342943	5638902	5626455	4.93	cps
Magnesium	24-2	358	350	425	378	10.88	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	PB125698BL	Instrumnet Name :	P7
Client Sample ID :	PB125698BL	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 15:12:23	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	43	37	39	9.89	cps
Molybdenum	94-1	617	608	775	667	14.09	cps
Molybdenum	95-1	350	333	333	339	2.84	cps
Molybdenum	96-1	458	508	483	483	5.17	cps
Molybdenum	97-1	200	267	200	222	17.32	cps
Molybdenum	98-1	425	525	642	531	20.44	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	17	7	13	12	41.65	cps
Nickel	60-2	63	83	97	81	20.69	cps
Phosphorus	31-2	92	133	117	114	18.41	cps
Potassium	39-2	22843	22543	23286	22891	1.63	cps
Rhodium	103-1	17729373	15766322	17110402	16868699	5.95	cps
Rhodium	103-2	7571450	7452155	7524476	7516027	0.80	cps
Scandium	45-1	12829792	11401382	12534600	12255258	6.15	cps
Scandium	45-2	446906	436556	446875	443445	1.35	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	59	63	50	57	11.63	cps
Selenium	82-1	-12	33	81	34	136.47	cps
Silicon	28-1	215328	217372	216393	216364	0.47	cps
Silver	109-1	133	133	100	122	15.74	cps
Silver	107-1	258	242	217	239	8.78	cps
Sodium	23-2	17920	17728	17219	17622	2.06	cps
Strontium	86-1	1250	1275	1250	1258	1.15	cps
Strontium	88-1	150	100	108	119	22.43	cps
Sulfur	34-1	588164	597456	602216	595945	1.20	cps
Terbium	159-1	24387996	21431848	23353714	23057853	6.51	cps
Terbium	159-2	10523269	10345468	10453948	10440895	0.86	cps
Thallium	203-1	942	942	867	917	4.72	cps
Thallium	205-1	1517	1575	1650	1581	4.23	cps
Thorium	232-1	3050	2850	2973	2958	3.41	cps
Tin	118-1	1283	1158	1250	1231	5.26	cps
Titanium	47-1	208	125	200	178	25.81	cps
Uranium	238-1	2467	2667	2617	2584	4.03	cps
Vanadium	51-2	3	7	10	7	50.03	cps
Yttrium	89-1	23766100	21143996	22766080	22558725	5.87	cps
Yttrium	89-2	2607155	2602908	2625253	2611772	0.45	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	PB125698BL	Instrumnet Name :	P7
Client Sample ID :	PB125698BL	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 15:12:23	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	927	913	887	909	2.24	cps
Zirconium	90-1	1258	1233	1392	1295	6.58	cps
Zirconium	91-1	275	275	217	256	13.18	cps

LB Number : LB106959 Operator : Jaswal
 Lab Sample ID : PB125697BL Instrumnet Name : P7
 Client Sample ID : PB125697BL Dilution Factor : 1
 Date & Time Acquired :: 2019-12-27 15:16:02 DataFile Name : 032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	42	50	44	10.82	cps
Antimony	121-1	400	508	408	439	13.74	cps
Arsenic	75-2	7	2	4	4	65.54	cps
Barium	135-1	42	50	50	47	10.18	cps
Barium	137-1	33	58	33	42	34.65	cps
Beryllium	9-1	83	139	178	133	35.60	cps
Bismuth	209-1	14819634	14568516	13530159	14306103	4.78	cps
Bismuth	209-2	7678435	7732633	7646874	7685980	0.56	cps
Boron	10-1	2325	2125	1909	2120	9.83	cps
Boron	11-1	8895	9462	8870	9075	3.69	cps
Cadmium	111-1	2017	2031	1770	1939	7.59	cps
Cadmium	106-1	10087	10021	8728	9612	7.97	cps
Cadmium	108-1	42	21	25	29	37.81	cps
Calcium	43-1	333	375	367	358	6.15	cps
Calcium	44-1	14449	13949	13939	14112	2.07	cps
Chromium	52-2	1267	1197	1237	1233	2.85	cps
Cobalt	59-2	63	63	73	67	8.66	cps
Copper	63-2	713	760	777	750	4.38	cps
Dysprosium	156-1	17	42	17	25	57.73	cps
Dysprosium	156-2	40	13	20	24	56.78	cps
Erbium	164-1	117	133	133	128	7.53	cps
Erbium	164-2	77	80	77	78	2.47	cps
Gadolinium	160-1	142	167	183	164	12.80	cps
Gadolinium	160-2	397	277	273	316	22.27	cps
Holmium	165-1	23224273	22730296	21582825	22512465	3.74	cps
Holmium	165-2	10241098	10380878	10249273	10290416	0.76	cps
Indium	115-1	19828686	19234461	18184824	19082657	4.36	cps
Indium	115-2	2955042	2970578	2974796	2966806	0.35	cps
Iron	56-2	4045	4401	4201	4216	4.23	cps
Iron	57-2	4214	4597	4407	4406	4.35	cps
Krypton	83-1	783	763	800	782	2.35	cps
Lead	206-1	1339	1295	1328	1320	1.75	cps
Lead	207-1	1156	1178	1339	1224	8.17	cps
Lead	208-1	4784	4912	4928	4875	1.62	cps
Lithium	6-1	6021095	5842033	5473692	5778940	4.83	cps
Magnesium	24-2	367	317	292	325	11.75	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	PB125697BL	Instrumnet Name :	P7
Client Sample ID :	PB125697BL	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 15:16:02	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	37	43	39	9.89	cps
Molybdenum	94-1	542	567	592	567	4.41	cps
Molybdenum	95-1	217	233	325	258	22.58	cps
Molybdenum	96-1	342	342	392	358	8.06	cps
Molybdenum	97-1	200	150	192	181	14.84	cps
Molybdenum	98-1	333	383	517	411	23.05	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	60	80	80	73	15.75	cps
Phosphorus	31-2	125	142	67	111	35.44	cps
Potassium	39-2	22309	22618	22267	22398	0.85	cps
Rhodium	103-1	18113096	17475923	16463650	17350890	4.79	cps
Rhodium	103-2	7436197	7493055	7384146	7437800	0.73	cps
Scandium	45-1	13340600	12824790	12050244	12738545	5.10	cps
Scandium	45-2	436882	439899	440580	439120	0.45	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	65	54	67	62	11.36	cps
Selenium	82-1	13	24	-33	1	2343.49	cps
Silicon	28-1	217671	216089	216045	216602	0.43	cps
Silver	109-1	142	100	117	119	17.55	cps
Silver	107-1	275	242	150	222	29.13	cps
Sodium	23-2	16384	16259	15942	16195	1.41	cps
Strontium	86-1	1292	1342	1392	1342	3.73	cps
Strontium	88-1	125	100	133	119	14.53	cps
Sulfur	34-1	606823	607213	607854	607297	0.09	cps
Terbium	159-1	24625958	23824635	22684353	23711649	4.11	cps
Terbium	159-2	10284224	10270474	10279404	10278034	0.07	cps
Thallium	203-1	883	775	850	836	6.64	cps
Thallium	205-1	1542	1208	1408	1386	12.10	cps
Thorium	232-1	2695	2628	2856	2726	4.30	cps
Tin	118-1	1008	1408	1125	1181	17.43	cps
Titanium	47-1	158	142	250	183	31.82	cps
Uranium	238-1	2267	2400	2509	2392	5.06	cps
Vanadium	51-2	0	10	10	7	86.60	cps
Yttrium	89-1	24519465	23661698	22456711	23545958	4.40	cps
Yttrium	89-2	2593165	2599035	2587427	2593209	0.22	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	PB125697BL	Instrumnet Name :	P7
Client Sample ID :	PB125697BL	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 15:16:02	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	920	943	903	922	2.18	cps
Zirconium	90-1	1342	1333	1325	1333	0.63	cps
Zirconium	91-1	200	267	283	250	17.64	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	PB125698BS	Instrumnet Name :	P7
Client Sample ID :	PB125698BS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 15:19:42	DataFile Name :	033DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1190016	1170024	1169381	1176474	1.00	cps
Antimony	121-1	6961390	6965314	6837238	6921314	1.05	cps
Arsenic	75-2	190143	190372	190665	190393	0.14	cps
Barium	135-1	8566950	8639290	8458342	8554860	1.06	cps
Barium	137-1	14901028	14959383	14665991	14842134	1.05	cps
Beryllium	9-1	1569477	1598033	1544838	1570783	1.69	cps
Bismuth	209-1	12975578	13061486	13146891	13061318	0.66	cps
Bismuth	209-2	6940548	6893927	6909834	6914770	0.34	cps
Boron	10-1	272594	277911	275899	275468	0.97	cps
Boron	11-1	1299740	1315578	1314063	1309793	0.67	cps
Cadmium	111-1	1871613	1885149	1869609	1875457	0.45	cps
Cadmium	106-1	239652	240446	238349	239482	0.44	cps
Cadmium	108-1	159242	157869	154923	157344	1.40	cps
Calcium	43-1	2384487	2385735	2358105	2376109	0.66	cps
Calcium	44-1	38786179	39010881	38506024	38767694	0.65	cps
Chromium	52-2	1840652	1833120	1833890	1835887	0.23	cps
Cobalt	59-2	3056330	3076105	3059746	3064061	0.34	cps
Copper	63-2	4282894	4259463	4259165	4267174	0.32	cps
Dysprosium	156-1	133	142	175	150	14.70	cps
Dysprosium	156-2	147	123	153	141	11.16	cps
Erbium	164-1	100	150	192	147	31.17	cps
Erbium	164-2	83	83	90	86	4.49	cps
Gadolinium	160-1	158	117	133	136	15.41	cps
Gadolinium	160-2	280	307	300	296	4.70	cps
Holmium	165-1	21425886	21087674	21219592	21244384	0.80	cps
Holmium	165-2	9655430	9562937	9495716	9571361	0.84	cps
Indium	115-1	17096929	16927276	16910161	16978122	0.61	cps
Indium	115-2	2639563	2631603	2626771	2632646	0.25	cps
Iron	56-2	78234399	78641710	77976046	78284052	0.43	cps
Iron	57-2	78040771	78452529	77782852	78092051	0.43	cps
Krypton	83-1	753	697	770	740	5.19	cps
Lead	206-1	5300889	5382878	5367009	5350259	0.81	cps
Lead	207-1	4788582	4812984	4802572	4801379	0.26	cps
Lead	208-1	21939737	22059630	21876294	21958554	0.42	cps
Lithium	6-1	5206354	5160675	5045725	5137585	1.61	cps
Magnesium	24-2	14569393	14484453	14421441	14491763	0.51	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	PB125698BS	Instrumnet Name :	P7
Client Sample ID :	PB125698BS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 15:19:42	DataFile Name :	033DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2130142	2129653	2114748	2124848	0.41	cps
Molybdenum	94-1	14363680	14605517	14128107	14365768	1.66	cps
Molybdenum	95-1	17540167	17693576	17120732	17451492	1.70	cps
Molybdenum	96-1	19355685	19480533	19090416	19308878	1.03	cps
Molybdenum	97-1	10828751	10915592	10896713	10880352	0.42	cps
Molybdenum	98-1	27930133	28433119	27730821	28031358	1.29	cps
Neodymium	150-1	713	740	707	720	2.45	cps
Neodymium	150-2	60	50	50	53	10.83	cps
Nickel	60-2	807241	806491	803468	805733	0.25	cps
Phosphorus	31-2	63754	62858	63285	63299	0.71	cps
Potassium	39-2	6191697	6215232	6227927	6211619	0.30	cps
Rhodium	103-1	15096698	15136286	14830938	15021307	1.11	cps
Rhodium	103-2	6472521	6417288	6371269	6420360	0.79	cps
Scandium	45-1	11442912	11320950	11196982	11320281	1.09	cps
Scandium	45-2	391325	386332	386484	388047	0.73	cps
Selenium	77-2	5298	5241	5454	5331	2.07	cps
Selenium	78-2	17648	17965	17811	17808	0.89	cps
Selenium	82-1	157079	157405	156408	156964	0.32	cps
Silicon	28-1	5511016	5541710	5483770	5512166	0.53	cps
Silver	109-1	8810143	8892200	8684154	8795499	1.19	cps
Silver	107-1	9344264	9229038	9044369	9205890	1.64	cps
Sodium	23-2	28382916	28475562	28201727	28353402	0.49	cps
Strontium	86-1	2330706	2364308	2326494	2340502	0.89	cps
Strontium	88-1	20393307	20685279	20101727	20393438	1.43	cps
Sulfur	34-1	1437095	1425774	1402987	1421952	1.22	cps
Terbium	159-1	22205121	22326646	22035541	22189103	0.66	cps
Terbium	159-2	9664449	9537532	9493626	9565202	0.93	cps
Thallium	203-1	6741253	6707100	6669751	6706035	0.53	cps
Thallium	205-1	15855723	15967557	16055307	15959529	0.63	cps
Thorium	232-1	23815226	23830005	23756817	23800682	0.16	cps
Tin	118-1	5993138	5973594	5956348	5974360	0.31	cps
Titanium	47-1	5212569	5192540	5126284	5177131	0.87	cps
Uranium	238-1	23474711	23747284	23437710	23553235	0.72	cps
Vanadium	51-2	1469402	1456993	1463733	1463376	0.42	cps
Yttrium	89-1	21211576	21109601	21141638	21154272	0.25	cps
Yttrium	89-2	2355673	2332570	2314910	2334384	0.88	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	PB125698BS	Instrumnet Name :	P7
Client Sample ID :	PB125698BS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 15:19:42	DataFile Name :	033DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	648424	653858	649855	650712	0.43	cps
Zirconium	90-1	12313031	12374100	12093032	12260054	1.21	cps
Zirconium	91-1	2703412	2734529	2662915	2700285	1.33	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 15:23:21	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5767988	5671993	5581592	5673858	1.64	cps
Antimony	121-1	6480377	6506526	6477857	6488254	0.24	cps
Arsenic	75-2	185152	181870	179870	182297	1.46	cps
Barium	135-1	7992179	8027636	7978694	7999503	0.32	cps
Barium	137-1	13866339	13976749	13912467	13918518	0.40	cps
Beryllium	9-1	1433204	1433143	1443150	1436499	0.40	cps
Bismuth	209-1	11862544	11879021	12030624	11924063	0.78	cps
Bismuth	209-2	6341866	6312122	6149888	6267959	1.65	cps
Boron	10-1	258676	261780	261631	260696	0.67	cps
Boron	11-1	1221293	1207576	1232257	1220375	1.01	cps
Cadmium	111-1	1861904	1886247	1888167	1878773	0.78	cps
Cadmium	106-1	238746	238013	236264	237674	0.54	cps
Cadmium	108-1	155594	157006	158554	157051	0.94	cps
Calcium	43-1	10496746	10538075	10603185	10546002	0.51	cps
Calcium	44-1	171477556	173407203	172557677	172480812	0.56	cps
Chromium	52-2	1791219	1754163	1748649	1764677	1.31	cps
Cobalt	59-2	2838387	2795861	2769345	2801198	1.24	cps
Copper	63-2	4419417	4375971	4338965	4378118	0.92	cps
Dysprosium	156-1	358	525	475	453	18.89	cps
Dysprosium	156-2	343	313	353	337	6.18	cps
Erbium	164-1	125	133	83	114	23.52	cps
Erbium	164-2	87	90	67	81	15.56	cps
Gadolinium	160-1	442	250	417	369	28.20	cps
Gadolinium	160-2	423	413	430	422	1.99	cps
Holmium	165-1	20507982	20438924	20789463	20578790	0.90	cps
Holmium	165-2	9442242	9249495	9171339	9287692	1.50	cps
Indium	115-1	16084579	16209776	16236290	16176882	0.50	cps
Indium	115-2	2550599	2549011	2517050	2538887	0.75	cps
Iron	56-2	353807663	349319141	346893674	350006826	1.00	cps
Iron	57-2	360544840	356050728	353448111	356681226	1.01	cps
Krypton	83-1	773	800	697	757	7.09	cps
Lead	206-1	5110806	5149316	5169019	5143047	0.58	cps
Lead	207-1	4549892	4589495	4617125	4585504	0.74	cps
Lead	208-1	20669628	20883719	20991171	20848173	0.79	cps
Lithium	6-1	4747425	4754555	4823282	4775088	0.88	cps
Magnesium	24-2	66207533	65123104	64186524	65172387	1.55	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 15:23:21	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1996742	1996509	1974540	1989264	0.64	cps
Molybdenum	94-1	13648682	13711638	13688099	13682806	0.23	cps
Molybdenum	95-1	16644340	16658932	16659154	16654142	0.05	cps
Molybdenum	96-1	18272931	18327543	18475460	18358645	0.57	cps
Molybdenum	97-1	10290726	10390208	10439506	10373480	0.73	cps
Molybdenum	98-1	26716494	26701509	26876128	26764710	0.36	cps
Neodymium	150-1	847	693	853	798	11.35	cps
Neodymium	150-2	83	60	70	71	16.47	cps
Nickel	60-2	741687	727260	724903	731283	1.24	cps
Phosphorus	31-2	58524	57153	58105	57927	1.21	cps
Potassium	39-2	29191575	28715307	28435479	28780787	1.33	cps
Rhodium	103-1	13714064	13697944	13710682	13707563	0.06	cps
Rhodium	103-2	5915801	5833557	5803641	5851000	0.99	cps
Scandium	45-1	10743154	10563984	10759996	10689045	1.02	cps
Scandium	45-2	375654	375524	367416	372865	1.27	cps
Selenium	77-2	5114	5064	4771	4983	3.72	cps
Selenium	78-2	16815	16680	16433	16643	1.16	cps
Selenium	82-1	146172	146687	146976	146612	0.28	cps
Silicon	28-1	5097493	5171834	5130650	5133326	0.73	cps
Silver	109-1	8209906	8286913	8233904	8243574	0.48	cps
Silver	107-1	8493800	8561261	8575995	8543685	0.51	cps
Sodium	23-2	130347770	127600736	125250803	127733103	2.00	cps
Strontium	86-1	2182903	2210280	2224901	2206028	0.97	cps
Strontium	88-1	18991744	19102045	19224009	19105933	0.61	cps
Sulfur	34-1	1313164	1305060	1301213	1306479	0.47	cps
Terbium	159-1	21565861	21669516	21645104	21626827	0.25	cps
Terbium	159-2	9298993	9222470	9153999	9225154	0.79	cps
Thallium	203-1	6322598	6370093	6403374	6365355	0.64	cps
Thallium	205-1	15198665	15175528	15185438	15186544	0.08	cps
Thorium	232-1	22953401	22828173	23031221	22937598	0.45	cps
Tin	118-1	5424090	5528317	5489544	5480650	0.96	cps
Titanium	47-1	4741265	4773534	4822138	4778979	0.85	cps
Uranium	238-1	22471943	22526497	22745195	22581212	0.64	cps
Vanadium	51-2	1407197	1391334	1374189	1390907	1.19	cps
Yttrium	89-1	20260375	20252940	20273568	20262294	0.05	cps
Yttrium	89-2	2286094	2279035	2248926	2271352	0.87	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 15:23:21	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	635384	624011	622134	627176	1.14	cps
Zirconium	90-1	11465259	11547873	11499852	11504328	0.36	cps
Zirconium	91-1	2534985	2558198	2577475	2556886	0.83	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 15:34:16	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	117	167	150	19.24	cps
Antimony	121-1	2550	2717	2784	2684	4.48	cps
Arsenic	75-2	9	7	13	10	28.61	cps
Barium	135-1	200	208	183	197	6.46	cps
Barium	137-1	275	367	375	339	16.37	cps
Beryllium	9-1	200	178	244	207	16.37	cps
Bismuth	209-1	13705219	13836591	13844915	13795575	0.57	cps
Bismuth	209-2	7581767	7438260	7563101	7527709	1.04	cps
Boron	10-1	3042	3017	3267	3109	4.43	cps
Boron	11-1	14708	14733	14182	14541	2.14	cps
Cadmium	111-1	1857	1798	1779	1811	2.23	cps
Cadmium	106-1	8712	8495	8336	8514	2.21	cps
Cadmium	108-1	21	25	13	19	32.73	cps
Calcium	43-1	558	492	650	567	14.03	cps
Calcium	44-1	16576	17068	17510	17051	2.74	cps
Chromium	52-2	1087	1073	1220	1127	7.20	cps
Cobalt	59-2	157	173	193	174	10.52	cps
Copper	63-2	853	817	777	816	4.70	cps
Dysprosium	156-1	42	67	67	58	24.74	cps
Dysprosium	156-2	33	33	20	29	26.64	cps
Erbium	164-1	142	150	108	133	16.54	cps
Erbium	164-2	50	63	53	56	12.49	cps
Gadolinium	160-1	158	167	117	147	18.20	cps
Gadolinium	160-2	247	233	320	267	17.50	cps
Holmium	165-1	21668902	21604696	21868506	21714035	0.63	cps
Holmium	165-2	10066120	9961881	9990448	10006150	0.54	cps
Indium	115-1	18078297	18264766	18545238	18296100	1.28	cps
Indium	115-2	2865625	2873276	2881582	2873494	0.28	cps
Iron	56-2	12806	12628	13156	12863	2.09	cps
Iron	57-2	13161	12916	13547	13208	2.41	cps
Krypton	83-1	830	723	693	749	9.59	cps
Lead	206-1	1461	1522	1345	1443	6.26	cps
Lead	207-1	1306	1228	1461	1332	8.92	cps
Lead	208-1	5234	5484	5273	5330	2.52	cps
Lithium	6-1	5492343	5596795	5555065	5548068	0.95	cps
Magnesium	24-2	2267	2067	2250	2195	5.06	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 15:34:16	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	83	90	103	92	11.04	cps
Molybdenum	94-1	1058	1100	917	1025	9.38	cps
Molybdenum	95-1	692	858	950	833	15.72	cps
Molybdenum	96-1	1183	925	1042	1050	12.32	cps
Molybdenum	97-1	583	625	583	597	4.03	cps
Molybdenum	98-1	1350	1367	1392	1370	1.53	cps
Neodymium	150-1	7	27	13	16	65.47	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	110	90	123	108	15.57	cps
Phosphorus	31-2	183	142	175	167	13.23	cps
Potassium	39-2	23494	23210	23778	23494	1.21	cps
Rhodium	103-1	16510635	16600801	16735948	16615795	0.68	cps
Rhodium	103-2	7161772	7156545	7213689	7177335	0.44	cps
Scandium	45-1	12036000	12034065	12216608	12095558	0.87	cps
Scandium	45-2	423545	421984	426081	423870	0.49	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	81	70	65	72	11.75	cps
Selenium	82-1	2	63	91	52	87.24	cps
Silicon	28-1	210764	212311	211628	211568	0.37	cps
Silver	109-1	250	308	275	278	10.54	cps
Silver	107-1	317	367	458	381	18.88	cps
Sodium	23-2	24329	24746	24479	24518	0.86	cps
Strontium	86-1	1233	1458	1100	1264	14.33	cps
Strontium	88-1	583	483	367	478	22.70	cps
Sulfur	34-1	555255	554729	556154	555379	0.13	cps
Terbium	159-1	22793024	22884919	22902475	22860139	0.26	cps
Terbium	159-2	10053600	10040532	10067840	10053990	0.14	cps
Thallium	203-1	1200	1067	1350	1206	11.76	cps
Thallium	205-1	2334	2384	2300	2339	1.79	cps
Thorium	232-1	4273	4462	4823	4519	6.19	cps
Tin	118-1	1584	1942	1875	1800	10.59	cps
Titanium	47-1	183	258	258	233	18.56	cps
Uranium	238-1	3167	2992	2475	2878	12.50	cps
Vanadium	51-2	53	33	30	39	32.45	cps
Yttrium	89-1	22352788	22328124	22599423	22426778	0.67	cps
Yttrium	89-2	2491450	2498423	2519293	2503055	0.58	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 15:34:16	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	930	943	840	904	6.21	cps
Zirconium	90-1	1634	1825	1842	1767	6.55	cps
Zirconium	91-1	358	417	400	392	7.67	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	LLOQ-WATER	Instrumnet Name :	P7
Client Sample ID :	LLOQ-WATER	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 15:38:04	DataFile Name :	036LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2909	2992	3050	2984	2.39	cps
Antimony	121-1	29390	30075	28062	29176	3.51	cps
Arsenic	75-2	413	470	476	453	7.69	cps
Barium	135-1	38195	37201	36599	37332	2.16	cps
Barium	137-1	64576	63981	63011	63856	1.24	cps
Beryllium	9-1	4028	3823	3817	3889	3.09	cps
Bismuth	209-1	14131218	14144780	13610654	13962217	2.18	cps
Bismuth	209-2	7501116	7425347	7461452	7462638	0.51	cps
Boron	10-1	16768	17436	17427	17210	2.23	cps
Boron	11-1	80984	84151	80540	81892	2.40	cps
Cadmium	111-1	5996	6410	5833	6079	4.89	cps
Cadmium	106-1	9362	10104	8469	9312	8.79	cps
Cadmium	108-1	354	363	404	374	7.17	cps
Calcium	43-1	25915	26516	24546	25659	3.94	cps
Calcium	44-1	434579	431559	408857	424998	3.31	cps
Chromium	52-2	9396	9630	9256	9428	2.00	cps
Cobalt	59-2	7042	7245	7162	7150	1.43	cps
Copper	63-2	10864	10534	10834	10744	1.70	cps
Dysprosium	156-1	17	8	42	22	78.07	cps
Dysprosium	156-2	33	37	37	36	5.42	cps
Erbium	164-1	108	150	117	125	17.64	cps
Erbium	164-2	100	60	83	81	24.77	cps
Gadolinium	160-1	108	142	125	125	13.33	cps
Gadolinium	160-2	290	290	280	287	2.01	cps
Holmium	165-1	22293094	22330820	21248353	21957422	2.80	cps
Holmium	165-2	10014398	10010941	9903825	9976388	0.63	cps
Indium	115-1	18786175	18908888	17893016	18529360	2.99	cps
Indium	115-2	2872922	2900882	2895765	2889856	0.52	cps
Iron	56-2	188331	190177	192721	190410	1.16	cps
Iron	57-2	191045	192393	195102	192847	1.07	cps
Krypton	83-1	760	893	803	819	8.31	cps
Lead	206-1	12578	13124	11922	12541	4.80	cps
Lead	207-1	11149	11288	11539	11325	1.74	cps
Lead	208-1	50789	51162	49337	50429	1.91	cps
Lithium	6-1	5702925	5718651	5433180	5618252	2.86	cps
Magnesium	24-2	170344	173476	170813	171544	0.98	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	LLOQ-WATER	Instrumnet Name :	P7
Client Sample ID :	LLOQ-WATER	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 15:38:04	DataFile Name :	036LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2420	2574	2687	2560	5.23	cps
Molybdenum	94-1	30976	31260	29373	30536	3.33	cps
Molybdenum	95-1	40091	39640	38194	39308	2.52	cps
Molybdenum	96-1	43350	43016	42364	42910	1.17	cps
Molybdenum	97-1	25282	24722	23545	24516	3.62	cps
Molybdenum	98-1	63049	63099	60956	62368	1.96	cps
Neodymium	150-1	20	13	13	16	24.76	cps
Neodymium	150-2	7	13	20	13	49.99	cps
Nickel	60-2	2107	2044	2080	2077	1.53	cps
Phosphorus	31-2	475	650	458	528	20.12	cps
Potassium	39-2	163484	165118	164240	164281	0.50	cps
Rhodium	103-1	17139810	17106471	16360983	16869088	2.61	cps
Rhodium	103-2	7245456	7256322	7242251	7248009	0.10	cps
Scandium	45-1	12502834	12487611	11817432	12269292	3.19	cps
Scandium	45-2	427179	433095	430613	430296	0.69	cps
Selenium	77-2	93	57	80	77	24.21	cps
Selenium	78-2	272	261	304	279	7.92	cps
Selenium	82-1	1966	1820	1869	1885	3.94	cps
Silicon	28-1	319063	321137	311799	317333	1.55	cps
Silver	109-1	20924	21250	20257	20810	2.43	cps
Silver	107-1	22519	22101	20908	21843	3.83	cps
Sodium	23-2	343185	341368	342972	342508	0.29	cps
Strontium	86-1	6285	6510	5993	6263	4.14	cps
Strontium	88-1	44311	44437	42756	43835	2.14	cps
Sulfur	34-1	589104	587962	585009	587358	0.36	cps
Terbium	159-1	23500618	23306500	22424125	23077081	2.49	cps
Terbium	159-2	10010186	10106366	9958326	10024959	0.75	cps
Thallium	203-1	14292	14951	13749	14331	4.20	cps
Thallium	205-1	34738	35665	32808	34404	4.24	cps
Thorium	232-1	46566	46166	43790	45507	3.30	cps
Tin	118-1	68987	66609	65244	66947	2.83	cps
Titanium	47-1	11847	12089	11914	11950	1.04	cps
Uranium	238-1	49420	48700	46710	48277	2.91	cps
Vanadium	51-2	17264	17270	17337	17290	0.23	cps
Yttrium	89-1	22916571	22941685	22039543	22632600	2.27	cps
Yttrium	89-2	2513169	2539387	2521799	2524785	0.53	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	LLOQ-WATER	Instrumnet Name :	P7
Client Sample ID :	LLOQ-WATER	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 15:38:04	DataFile Name :	036LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2457	2510	2400	2456	2.24	cps
Zirconium	90-1	25290	24572	24547	24803	1.70	cps
Zirconium	91-1	5593	5343	5093	5343	4.68	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	LLOQ-SOIL	Instrumnet Name :	P7
Client Sample ID :	LLOQ-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 15:41:45	DataFile Name :	037LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3209	2875	2659	2914	9.51	cps
Antimony	121-1	28922	28998	29649	29190	1.37	cps
Arsenic	75-2	439	454	502	465	7.08	cps
Barium	135-1	35789	37008	35822	36206	1.92	cps
Barium	137-1	61998	61847	62517	62121	0.57	cps
Beryllium	9-1	3567	3795	3628	3664	3.22	cps
Bismuth	209-1	13493105	13585971	13496639	13525239	0.39	cps
Bismuth	209-2	7626018	7714646	7585749	7642138	0.86	cps
Boron	10-1	16960	17644	17953	17519	2.90	cps
Boron	11-1	80416	83103	84176	82565	2.35	cps
Cadmium	111-1	6195	6042	5934	6057	2.17	cps
Cadmium	106-1	9812	10087	9645	9848	2.27	cps
Cadmium	108-1	371	383	279	344	16.51	cps
Calcium	43-1	26608	25682	25732	26007	2.00	cps
Calcium	44-1	423550	426144	421537	423744	0.55	cps
Chromium	52-2	9583	9887	9530	9667	1.99	cps
Cobalt	59-2	7342	7405	7229	7325	1.22	cps
Copper	63-2	11341	11191	11275	11269	0.67	cps
Dysprosium	156-1	75	25	17	39	81.12	cps
Dysprosium	156-2	30	47	23	33	36.07	cps
Erbium	164-1	58	67	75	67	12.49	cps
Erbium	164-2	87	70	57	71	21.14	cps
Gadolinium	160-1	175	92	150	139	30.79	cps
Gadolinium	160-2	340	317	330	329	3.56	cps
Holmium	165-1	21528790	21885049	21392751	21602197	1.18	cps
Holmium	165-2	10154460	10299725	10284215	10246134	0.78	cps
Indium	115-1	18383171	18408944	18323204	18371773	0.24	cps
Indium	115-2	2974953	3010216	2984714	2989961	0.61	cps
Iron	56-2	197695	197399	196424	197173	0.34	cps
Iron	57-2	200303	200191	198888	199794	0.39	cps
Krypton	83-1	817	853	713	794	9.14	cps
Lead	206-1	12351	12295	11833	12160	2.34	cps
Lead	207-1	10493	10643	11049	10729	2.68	cps
Lead	208-1	48753	48998	48363	48705	0.66	cps
Lithium	6-1	5589365	5629505	5604028	5607633	0.36	cps
Magnesium	24-2	174127	177472	176090	175896	0.96	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	LLOQ-SOIL	Instrumnet Name :	P7
Client Sample ID :	LLOQ-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 15:41:45	DataFile Name :	037LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2527	2554	2520	2534	0.70	cps
Molybdenum	94-1	31544	30450	31862	31285	2.37	cps
Molybdenum	95-1	38035	39990	38186	38737	2.81	cps
Molybdenum	96-1	42773	42982	44044	43267	1.57	cps
Molybdenum	97-1	24330	25039	24255	24541	1.76	cps
Molybdenum	98-1	62463	62136	63442	62680	1.08	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	7	10	6	91.64	cps
Nickel	60-2	1850	2067	2210	2042	8.88	cps
Phosphorus	31-2	650	558	533	581	10.58	cps
Potassium	39-2	169601	168489	168386	168826	0.40	cps
Rhodium	103-1	16680493	16773506	16623618	16692539	0.45	cps
Rhodium	103-2	7536783	7516036	7473373	7508731	0.43	cps
Scandium	45-1	12191703	12226808	12115137	12177883	0.47	cps
Scandium	45-2	444200	448874	441467	444847	0.84	cps
Selenium	77-2	57	63	53	58	8.81	cps
Selenium	78-2	274	256	250	260	4.85	cps
Selenium	82-1	1828	1831	1956	1872	3.91	cps
Silicon	28-1	314800	315498	315879	315392	0.17	cps
Silver	109-1	21117	20516	19623	20418	3.68	cps
Silver	107-1	22494	21526	21567	21862	2.50	cps
Sodium	23-2	354202	353573	353365	353713	0.12	cps
Strontium	86-1	5985	5860	6102	5982	2.02	cps
Strontium	88-1	44654	43400	43241	43765	1.77	cps
Sulfur	34-1	593648	592388	587919	591318	0.51	cps
Terbium	159-1	22510426	22937354	22689656	22712478	0.94	cps
Terbium	159-2	10212963	10366509	10263082	10280851	0.76	cps
Thallium	203-1	13833	14875	14208	14305	3.69	cps
Thallium	205-1	32232	33084	33234	32850	1.65	cps
Thorium	232-1	43685	44220	43863	43923	0.62	cps
Tin	118-1	67077	66274	64030	65794	2.40	cps
Titanium	47-1	11405	11597	12414	11805	4.54	cps
Uranium	238-1	47471	46827	47028	47108	0.70	cps
Vanadium	51-2	17621	18008	17724	17784	1.13	cps
Yttrium	89-1	22477781	22412379	22415661	22435274	0.16	cps
Yttrium	89-2	2599140	2616848	2623544	2613177	0.48	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	LLOQ-SOIL	Instrumnet Name :	P7
Client Sample ID :	LLOQ-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 15:41:45	DataFile Name :	037LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2497	2704	2514	2571	4.47	cps
Zirconium	90-1	25165	24029	23312	24168	3.87	cps
Zirconium	91-1	5410	5526	5226	5387	2.81	cps

LB Number : LB106959 Operator : Jaswal
 Lab Sample ID : PBW Instrumnet Name : P7
 Client Sample ID : PBW Dilution Factor : 1
 Date & Time Acquired :: 2019-12-27 15:45:25 DataFile Name : 038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	33	42	36	13.33	cps
Antimony	121-1	358	400	583	447	26.77	cps
Arsenic	75-2	6	9	4	6	45.85	cps
Barium	135-1	50	25	33	36	35.25	cps
Barium	137-1	0	67	58	42	87.18	cps
Beryllium	9-1	144	117	117	126	12.74	cps
Bismuth	209-1	13467235	13479059	13431358	13459217	0.18	cps
Bismuth	209-2	7502109	7465740	7434002	7467284	0.46	cps
Boron	10-1	2575	2267	2292	2378	7.20	cps
Boron	11-1	11280	11030	10787	11032	2.23	cps
Cadmium	111-1	1826	1791	1861	1826	1.93	cps
Cadmium	106-1	8987	8695	9128	8937	2.47	cps
Cadmium	108-1	25	21	8	18	48.05	cps
Calcium	43-1	408	392	300	367	15.91	cps
Calcium	44-1	14441	13806	13865	14037	2.50	cps
Chromium	52-2	1253	1163	1160	1192	4.44	cps
Cobalt	59-2	87	60	87	78	19.80	cps
Copper	63-2	743	797	747	762	3.92	cps
Dysprosium	156-1	33	58	42	44	28.65	cps
Dysprosium	156-2	23	23	40	29	33.32	cps
Erbium	164-1	125	92	108	108	15.39	cps
Erbium	164-2	67	67	83	72	13.32	cps
Gadolinium	160-1	117	133	167	139	18.33	cps
Gadolinium	160-2	330	287	270	296	10.48	cps
Holmium	165-1	21344902	21144504	21457114	21315507	0.74	cps
Holmium	165-2	9927453	10090642	9994944	10004346	0.82	cps
Indium	115-1	18363250	18212309	18302263	18292607	0.42	cps
Indium	115-2	2899812	2936479	2952133	2929474	0.92	cps
Iron	56-2	3934	4429	4662	4342	8.56	cps
Iron	57-2	4176	4613	4810	4533	7.15	cps
Krypton	83-1	797	810	860	822	4.06	cps
Lead	206-1	1100	1067	1306	1157	11.18	cps
Lead	207-1	1183	1011	1128	1107	7.94	cps
Lead	208-1	4423	4184	4528	4378	4.03	cps
Lithium	6-1	5665312	5590977	5677630	5644640	0.83	cps
Magnesium	24-2	458	450	500	469	5.71	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P7
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 15:45:25	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	30	43	47	40	22.05	cps
Molybdenum	94-1	575	575	633	594	5.67	cps
Molybdenum	95-1	158	258	342	253	36.31	cps
Molybdenum	96-1	392	375	400	389	3.27	cps
Molybdenum	97-1	167	225	167	186	18.10	cps
Molybdenum	98-1	325	367	358	350	6.30	cps
Neodymium	150-1	13	7	20	13	49.99	cps
Neodymium	150-2	0	10	0	3	173.21	cps
Nickel	60-2	100	63	90	84	22.45	cps
Phosphorus	31-2	92	108	133	111	18.88	cps
Potassium	39-2	22593	22609	22677	22626	0.20	cps
Rhodium	103-1	16810961	16433865	16694578	16646468	1.16	cps
Rhodium	103-2	7320707	7329374	7316994	7322358	0.09	cps
Scandium	45-1	12194894	12081190	12215481	12163855	0.59	cps
Scandium	45-2	433778	439439	437036	436751	0.65	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	72	46	54	57	23.26	cps
Selenium	82-1	2	-30	-66	-31	-109.19	cps
Silicon	28-1	216848	214839	213030	214905	0.89	cps
Silver	109-1	92	142	125	119	21.31	cps
Silver	107-1	175	150	233	186	22.98	cps
Sodium	23-2	16977	18137	16218	17110	5.65	cps
Strontium	86-1	1175	1275	1175	1208	4.78	cps
Strontium	88-1	183	100	200	161	33.26	cps
Sulfur	34-1	592774	585535	589355	589222	0.61	cps
Terbium	159-1	22487256	22375143	22647183	22503194	0.61	cps
Terbium	159-2	10008074	10082204	10037180	10042486	0.37	cps
Thallium	203-1	933	733	833	833	12.00	cps
Thallium	205-1	1492	1400	1508	1467	3.98	cps
Thorium	232-1	2895	2862	2884	2880	0.59	cps
Tin	118-1	1367	1508	1442	1439	4.93	cps
Titanium	47-1	150	158	167	158	5.26	cps
Uranium	238-1	2667	2184	2409	2420	10.00	cps
Vanadium	51-2	7	7	0	4	86.60	cps
Yttrium	89-1	22448159	22210181	22535124	22397821	0.75	cps
Yttrium	89-2	2539687	2559181	2558670	2552513	0.44	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P7
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 15:45:25	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	883	850	953	896	5.89	cps
Zirconium	90-1	1425	1092	1508	1342	16.43	cps
Zirconium	91-1	217	200	208	208	4.00	cps

LB Number : LB106959 Operator : Jaswal
 Lab Sample ID : LCSW Instrumnet Name : P7
 Client Sample ID : LCSW Dilution Factor : 1
 Date & Time Acquired :: 2019-12-27 15:49:05 DataFile Name : 039LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1188610	1181975	1205445	1192010	1.01	cps
Antimony	121-1	7126838	7039345	6920955	7029046	1.47	cps
Arsenic	75-2	190819	191282	195847	192649	1.44	cps
Barium	135-1	8684758	8661680	8525030	8623823	1.00	cps
Barium	137-1	15022371	14916616	14702121	14880369	1.10	cps
Beryllium	9-1	1647255	1616914	1583592	1615921	1.97	cps
Bismuth	209-1	13041813	12843244	12840497	12908518	0.89	cps
Bismuth	209-2	6770566	6866621	7032509	6889899	1.92	cps
Boron	10-1	286647	281016	289924	285862	1.58	cps
Boron	11-1	1316971	1324642	1343068	1328227	1.01	cps
Cadmium	111-1	1938766	1915391	1882502	1912220	1.48	cps
Cadmium	106-1	244145	243247	242769	243387	0.29	cps
Cadmium	108-1	162807	161201	158083	160697	1.49	cps
Calcium	43-1	2477439	2439898	2403270	2440202	1.52	cps
Calcium	44-1	40122909	39761184	39037260	39640451	1.39	cps
Chromium	52-2	1838704	1827883	1867410	1844666	1.11	cps
Cobalt	59-2	3069488	3069755	3133594	3090945	1.19	cps
Copper	63-2	4325621	4278415	4383914	4329317	1.22	cps
Dysprosium	156-1	167	150	192	169	12.38	cps
Dysprosium	156-2	137	187	133	152	19.63	cps
Erbium	164-1	125	117	133	125	6.67	cps
Erbium	164-2	80	70	60	70	14.29	cps
Gadolinium	160-1	142	133	117	131	9.75	cps
Gadolinium	160-2	270	283	307	287	6.47	cps
Holmium	165-1	21256119	21169978	21265502	21230533	0.25	cps
Holmium	165-2	9516252	9600753	9906968	9674657	2.12	cps
Indium	115-1	17392759	17060383	17125251	17192798	1.02	cps
Indium	115-2	2615397	2672900	2759695	2682664	2.71	cps
Iron	56-2	78385768	78305693	80373421	79021628	1.48	cps
Iron	57-2	78197362	78124791	80167620	78829924	1.47	cps
Krypton	83-1	730	720	797	749	5.57	cps
Lead	206-1	5418637	5366716	5367187	5384180	0.55	cps
Lead	207-1	4842619	4835179	4801919	4826572	0.45	cps
Lead	208-1	22232009	21925948	21755827	21971261	1.10	cps
Lithium	6-1	5344693	5222345	5176100	5247713	1.66	cps
Magnesium	24-2	14663818	14615728	14920632	14733393	1.11	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P7
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 15:49:05	DataFile Name :	039LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2123108	2121632	2186156	2143632	1.72	cps
Molybdenum	94-1	14727089	14570896	14335548	14544511	1.36	cps
Molybdenum	95-1	17913172	17756035	17259887	17643032	1.93	cps
Molybdenum	96-1	19905123	19577092	19062531	19514916	2.18	cps
Molybdenum	97-1	11220042	11057959	10845068	11041023	1.70	cps
Molybdenum	98-1	28918860	28504904	28044228	28489330	1.54	cps
Neodymium	150-1	1007	647	760	805	22.88	cps
Neodymium	150-2	67	50	80	66	22.93	cps
Nickel	60-2	807420	799808	821293	809507	1.35	cps
Phosphorus	31-2	65486	64574	64833	64964	0.72	cps
Potassium	39-2	6204246	6189994	6396904	6263715	1.84	cps
Rhodium	103-1	15378687	15260168	15262082	15300312	0.44	cps
Rhodium	103-2	6430489	6484156	6718321	6544322	2.34	cps
Scandium	45-1	11489829	11358546	11368679	11405685	0.64	cps
Scandium	45-2	389455	393804	407616	396959	2.39	cps
Selenium	77-2	4948	5384	5421	5251	5.02	cps
Selenium	78-2	18067	17970	18358	18132	1.11	cps
Selenium	82-1	161980	160223	157368	159857	1.46	cps
Silicon	28-1	5249715	5227034	5166778	5214509	0.82	cps
Silver	109-1	8989337	8812140	8823155	8874877	1.12	cps
Silver	107-1	9349360	9249285	9180965	9259870	0.91	cps
Sodium	23-2	28561792	28451967	29121938	28711899	1.25	cps
Strontium	86-1	2398364	2369904	2337856	2368708	1.28	cps
Strontium	88-1	21031217	20502066	20340658	20624647	1.75	cps
Sulfur	34-1	1474191	1450552	1412072	1445605	2.17	cps
Terbium	159-1	22432986	22141325	22294354	22289555	0.65	cps
Terbium	159-2	9422953	9577624	9957169	9652582	2.85	cps
Thallium	203-1	6761681	6644600	6686000	6697427	0.89	cps
Thallium	205-1	16135735	15980825	15880884	15999148	0.80	cps
Thorium	232-1	23815061	23555378	23525771	23632070	0.67	cps
Tin	118-1	6181055	6130780	5996928	6102921	1.56	cps
Titanium	47-1	5313594	5254760	5104722	5224359	2.06	cps
Uranium	238-1	23407215	23390324	23392155	23396565	0.04	cps
Vanadium	51-2	1468930	1458115	1501667	1476237	1.54	cps
Yttrium	89-1	21602066	21219204	21161036	21327436	1.12	cps
Yttrium	89-2	2335444	2363185	2449912	2382847	2.51	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P7
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 15:49:05	DataFile Name :	039LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	655142	661084	672471	662899	1.33	cps
Zirconium	90-1	12612591	12420988	12135697	12389759	1.94	cps
Zirconium	91-1	2774426	2750944	2702579	2742650	1.34	cps

LB Number : LB106959 Operator : Jaswal
 Lab Sample ID : PBS Instrumnet Name : P7
 Client Sample ID : PBS Dilution Factor : 1
 Date & Time Acquired :: 2019-12-27 16:04:06 DataFile Name : 040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	33	50	58	51.51	cps
Antimony	121-1	2225	2125	2317	2222	4.31	cps
Arsenic	75-2	6	4	6	5	21.74	cps
Barium	135-1	25	67	75	56	48.22	cps
Barium	137-1	100	83	75	86	14.79	cps
Beryllium	9-1	150	117	100	122	20.83	cps
Bismuth	209-1	13665590	13877605	13786884	13776693	0.77	cps
Bismuth	209-2	7562645	7582224	7568409	7571093	0.13	cps
Boron	10-1	2175	2159	2217	2184	1.38	cps
Boron	11-1	10212	10979	9820	10337	5.70	cps
Cadmium	111-1	1700	1856	1739	1765	4.58	cps
Cadmium	106-1	8353	9012	8478	8614	4.06	cps
Cadmium	108-1	29	25	21	25	16.68	cps
Calcium	43-1	333	367	242	314	20.62	cps
Calcium	44-1	13857	13673	14115	13881	1.60	cps
Chromium	52-2	1213	1220	1140	1191	3.73	cps
Cobalt	59-2	90	100	77	89	13.17	cps
Copper	63-2	650	757	737	714	7.94	cps
Dysprosium	156-1	17	92	33	47	83.40	cps
Dysprosium	156-2	20	33	17	23	37.78	cps
Erbium	164-1	117	150	75	114	33.00	cps
Erbium	164-2	97	70	57	74	27.36	cps
Gadolinium	160-1	117	158	108	128	20.96	cps
Gadolinium	160-2	297	303	337	312	6.86	cps
Holmium	165-1	22149087	22177225	21807677	22044663	0.93	cps
Holmium	165-2	10294722	10099205	10034569	10142832	1.34	cps
Indium	115-1	18738734	18850654	18516925	18702104	0.91	cps
Indium	115-2	2924711	2934915	2936852	2932159	0.22	cps
Iron	56-2	4395	4084	4434	4304	4.46	cps
Iron	57-2	4545	4245	4601	4464	4.29	cps
Krypton	83-1	807	903	827	846	6.04	cps
Lead	206-1	1267	1267	1261	1265	0.25	cps
Lead	207-1	1117	1156	1106	1126	2.33	cps
Lead	208-1	4567	4439	4478	4495	1.46	cps
Lithium	6-1	5714746	5721646	5677531	5704641	0.42	cps
Magnesium	24-2	350	383	467	400	15.02	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P7
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 16:04:06	DataFile Name :	040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	67	33	33	44	43.31	cps
Molybdenum	94-1	650	792	725	722	9.81	cps
Molybdenum	95-1	467	350	350	389	17.32	cps
Molybdenum	96-1	642	492	500	544	15.48	cps
Molybdenum	97-1	317	267	233	272	15.41	cps
Molybdenum	98-1	783	492	508	594	27.55	cps
Neodymium	150-1	0	7	20	9	114.55	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	50	63	87	67	27.84	cps
Phosphorus	31-2	167	200	108	158	29.30	cps
Potassium	39-2	22059	22142	22317	22173	0.60	cps
Rhodium	103-1	17083334	17091472	16739129	16971311	1.19	cps
Rhodium	103-2	7462183	7335378	7400853	7399471	0.86	cps
Scandium	45-1	12369540	12406530	12387277	12387782	0.15	cps
Scandium	45-2	438025	435618	436818	436820	0.28	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	59	76	61	65	13.96	cps
Selenium	82-1	28	-49	-19	-13	-288.12	cps
Silicon	28-1	212496	212472	213349	212772	0.23	cps
Silver	109-1	167	58	83	103	55.19	cps
Silver	107-1	175	117	233	175	33.34	cps
Sodium	23-2	16676	16501	16485	16554	0.64	cps
Strontium	86-1	1200	1333	1233	1256	5.53	cps
Strontium	88-1	208	200	200	203	2.37	cps
Sulfur	34-1	575809	580287	579843	578647	0.43	cps
Terbium	159-1	23100462	23265733	23033676	23133290	0.52	cps
Terbium	159-2	10213625	10234365	10154596	10200862	0.41	cps
Thallium	203-1	767	717	792	758	5.04	cps
Thallium	205-1	1759	1483	1400	1547	12.12	cps
Thorium	232-1	3851	3851	4329	4010	6.88	cps
Tin	118-1	1408	1425	1558	1464	5.62	cps
Titanium	47-1	158	267	175	200	29.17	cps
Uranium	238-1	2534	2467	2509	2503	1.35	cps
Vanadium	51-2	7	3	13	8	65.47	cps
Yttrium	89-1	22865345	22893035	22484563	22747647	1.00	cps
Yttrium	89-2	2567206	2574167	2581728	2574367	0.28	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P7
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 16:04:06	DataFile Name :	040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	997	867	790	884	11.81	cps
Zirconium	90-1	1333	1283	1283	1300	2.22	cps
Zirconium	91-1	233	292	217	247	15.93	cps

LB Number : LB106959 Operator : Jaswal
 Lab Sample ID : LCSS Instrumnet Name : P7
 Client Sample ID : LCSS Dilution Factor : 1
 Date & Time Acquired :: 2019-12-27 16:07:45 DataFile Name : 041LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1178847	1174122	1176939	1176636	0.20	cps
Antimony	121-1	6931030	6952041	6942338	6941803	0.15	cps
Arsenic	75-2	190476	188805	189445	189576	0.44	cps
Barium	135-1	8525763	8404342	8478969	8469692	0.72	cps
Barium	137-1	14683002	14722828	14521108	14642313	0.73	cps
Beryllium	9-1	1590886	1593306	1585602	1589931	0.25	cps
Bismuth	209-1	12856757	12680586	12856502	12797948	0.79	cps
Bismuth	209-2	6811708	6775429	6691377	6759505	0.91	cps
Boron	10-1	278037	288592	287130	284586	2.01	cps
Boron	11-1	1311447	1324865	1338387	1324900	1.02	cps
Cadmium	111-1	1895641	1903254	1908931	1902609	0.35	cps
Cadmium	106-1	239238	240629	241570	240479	0.49	cps
Cadmium	108-1	159427	158353	159558	159113	0.42	cps
Calcium	43-1	2373652	2407901	2380638	2387397	0.76	cps
Calcium	44-1	39253366	39041349	38718191	39004302	0.69	cps
Chromium	52-2	1823314	1813262	1818341	1818306	0.28	cps
Cobalt	59-2	3046693	3043606	3037178	3042492	0.16	cps
Copper	63-2	4248974	4243345	4252579	4248299	0.11	cps
Dysprosium	156-1	183	133	142	153	17.53	cps
Dysprosium	156-2	180	207	173	187	9.45	cps
Erbium	164-1	142	142	200	161	20.91	cps
Erbium	164-2	80	43	77	67	30.42	cps
Gadolinium	160-1	167	100	125	131	25.80	cps
Gadolinium	160-2	243	320	297	287	13.71	cps
Holmium	165-1	21128376	21090627	21217503	21145502	0.31	cps
Holmium	165-2	9508223	9384611	9370814	9421216	0.80	cps
Indium	115-1	17068697	16978582	16972937	17006739	0.32	cps
Indium	115-2	2621884	2604467	2609819	2612056	0.34	cps
Iron	56-2	78487166	77535874	77013332	77678791	0.96	cps
Iron	57-2	78314545	77373791	76824998	77504445	0.97	cps
Krypton	83-1	660	740	640	680	7.78	cps
Lead	206-1	5281866	5326658	5345869	5318131	0.62	cps
Lead	207-1	4749622	4779840	4776865	4768776	0.35	cps
Lead	208-1	21766884	21815101	21899125	21827036	0.31	cps
Lithium	6-1	5219481	5161048	5098656	5159728	1.17	cps
Magnesium	24-2	14613899	14563087	14640346	14605777	0.27	cps

LB Number : LB106959 Operator : Jaswal
 Lab Sample ID : LCSS Instrumnet Name : P7
 Client Sample ID : LCSS Dilution Factor : 1
 Date & Time Acquired :: 2019-12-27 16:07:45 DataFile Name : 041LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2111841	2095824	2103016	2103560	0.38	cps
Molybdenum	94-1	14227148	14281554	14439911	14316204	0.77	cps
Molybdenum	95-1	17374108	17499611	17357319	17410346	0.45	cps
Molybdenum	96-1	19314876	19399719	19429099	19381232	0.31	cps
Molybdenum	97-1	10900057	10933170	10844091	10892439	0.41	cps
Molybdenum	98-1	28307398	28097153	27950996	28118516	0.64	cps
Neodymium	150-1	707	707	700	704	0.55	cps
Neodymium	150-2	43	37	67	49	32.22	cps
Nickel	60-2	799190	799131	798893	799071	0.02	cps
Phosphorus	31-2	64155	63235	62582	63324	1.25	cps
Potassium	39-2	6177524	6121292	6064220	6121012	0.93	cps
Rhodium	103-1	15083469	14969655	14914540	14989221	0.57	cps
Rhodium	103-2	6425342	6356516	6350768	6377542	0.65	cps
Scandium	45-1	11450703	11159015	11140899	11250206	1.55	cps
Scandium	45-2	388642	384151	384066	385619	0.68	cps
Selenium	77-2	5218	5344	5101	5221	2.33	cps
Selenium	78-2	17644	17943	17670	17752	0.93	cps
Selenium	82-1	157419	157704	160185	158436	0.96	cps
Silicon	28-1	5239667	5277723	5237575	5251655	0.43	cps
Silver	109-1	8901256	8825735	8831522	8852838	0.47	cps
Silver	107-1	9240654	9222941	9230647	9231414	0.10	cps
Sodium	23-2	28551828	28194175	28263914	28336639	0.67	cps
Strontium	86-1	2332284	2339099	2357807	2343063	0.56	cps
Strontium	88-1	20313069	20428508	20299899	20347159	0.35	cps
Sulfur	34-1	1424077	1410352	1388508	1407645	1.27	cps
Terbium	159-1	22091438	22156865	21982986	22077096	0.40	cps
Terbium	159-2	9482194	9389564	9367879	9413212	0.65	cps
Thallium	203-1	6595554	6649283	6677413	6640750	0.63	cps
Thallium	205-1	15831264	15820111	15889967	15847114	0.24	cps
Thorium	232-1	23323530	23226613	23497155	23349099	0.59	cps
Tin	118-1	6009313	6033033	6015395	6019247	0.20	cps
Titanium	47-1	5146992	5164714	5132892	5148199	0.31	cps
Uranium	238-1	23274015	23337085	23121506	23244202	0.48	cps
Vanadium	51-2	1455243	1458410	1457991	1457215	0.12	cps
Yttrium	89-1	21177395	20964591	21079161	21073715	0.51	cps
Yttrium	89-2	2332505	2309151	2320291	2320649	0.50	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P7
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 16:07:45	DataFile Name :	041LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	649771	654170	646785	650242	0.57	cps
Zirconium	90-1	12259014	12244499	12326898	12276804	0.36	cps
Zirconium	91-1	2738893	2703431	2732337	2724887	0.69	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 16:11:24	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5515876	5553277	5701900	5590351	1.76	cps
Antimony	121-1	6363104	6319240	6307685	6330010	0.46	cps
Arsenic	75-2	179730	177931	182189	179950	1.19	cps
Barium	135-1	7834953	7826679	7721637	7794423	0.81	cps
Barium	137-1	13453851	13557206	13398138	13469731	0.60	cps
Beryllium	9-1	1434497	1414115	1409411	1419341	0.94	cps
Bismuth	209-1	11469689	11361551	11339044	11390095	0.61	cps
Bismuth	209-2	5961069	5964761	6024449	5983426	0.59	cps
Boron	10-1	257743	253493	258118	256451	1.00	cps
Boron	11-1	1210356	1191245	1207733	1203112	0.86	cps
Cadmium	111-1	1869878	1842788	1838712	1850459	0.92	cps
Cadmium	106-1	232552	231524	233071	232382	0.34	cps
Cadmium	108-1	154531	155593	154112	154745	0.49	cps
Calcium	43-1	10553921	10329337	10334841	10406033	1.23	cps
Calcium	44-1	171270402	169895759	168965001	170043721	0.68	cps
Chromium	52-2	1733586	1729606	1751442	1738211	0.67	cps
Cobalt	59-2	2740604	2768445	2797153	2768734	1.02	cps
Copper	63-2	4291906	4318277	4393909	4334697	1.22	cps
Dysprosium	156-1	400	458	492	450	10.31	cps
Dysprosium	156-2	263	263	303	277	8.35	cps
Erbium	164-1	167	208	150	175	17.17	cps
Erbium	164-2	77	90	63	77	17.39	cps
Gadolinium	160-1	367	383	358	369	3.45	cps
Gadolinium	160-2	443	347	367	386	13.23	cps
Holmium	165-1	20349128	19971779	19591062	19970656	1.90	cps
Holmium	165-2	8994780	8937323	8932047	8954717	0.39	cps
Indium	115-1	15932837	15768279	15629415	15776844	0.96	cps
Indium	115-2	2479001	2482484	2530915	2497466	1.16	cps
Iron	56-2	344700685	342828008	349436341	345655011	0.99	cps
Iron	57-2	351201360	349419020	356101517	352240632	0.98	cps
Krypton	83-1	670	763	780	738	8.04	cps
Lead	206-1	4930133	4913618	4934383	4926045	0.22	cps
Lead	207-1	4423054	4437529	4381969	4414184	0.65	cps
Lead	208-1	20128356	20070843	20025450	20074883	0.26	cps
Lithium	6-1	4805483	4713471	4695753	4738236	1.24	cps
Magnesium	24-2	63622560	64423974	65974133	64673556	1.85	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 16:11:24	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1952487	1952213	1976517	1960406	0.71	cps
Molybdenum	94-1	13315815	13310102	13225883	13283933	0.38	cps
Molybdenum	95-1	16314735	16166996	16206077	16229269	0.47	cps
Molybdenum	96-1	18247208	17923506	17961593	18044102	0.98	cps
Molybdenum	97-1	10232290	10011259	10287970	10177173	1.44	cps
Molybdenum	98-1	26568254	26083514	26170026	26273931	0.98	cps
Neodymium	150-1	687	673	667	676	1.51	cps
Neodymium	150-2	93	57	77	76	24.30	cps
Nickel	60-2	719477	717245	730266	722329	0.96	cps
Phosphorus	31-2	56767	56843	59135	57582	2.34	cps
Potassium	39-2	28040351	28164387	28786445	28330394	1.41	cps
Rhodium	103-1	13491435	13324752	13241456	13352548	0.95	cps
Rhodium	103-2	5671984	5733283	5788894	5731387	1.02	cps
Scandium	45-1	10595677	10424945	10348868	10456497	1.21	cps
Scandium	45-2	364003	366274	371991	367423	1.12	cps
Selenium	77-2	4637	4884	5014	4845	3.95	cps
Selenium	78-2	16335	16504	16569	16469	0.73	cps
Selenium	82-1	144831	142962	142970	143588	0.75	cps
Silicon	28-1	5089339	5020048	5055855	5055081	0.69	cps
Silver	109-1	8183625	8077245	7932328	8064399	1.56	cps
Silver	107-1	8435538	8424130	8304575	8388081	0.86	cps
Sodium	23-2	125276807	125828940	128664220	126589989	1.44	cps
Strontium	86-1	2157322	2155117	2127111	2146517	0.78	cps
Strontium	88-1	18713476	18694013	18559560	18655683	0.45	cps
Sulfur	34-1	1314114	1291232	1293529	1299625	0.97	cps
Terbium	159-1	21165050	20778123	20721930	20888368	1.15	cps
Terbium	159-2	8972260	8927587	8993442	8964430	0.38	cps
Thallium	203-1	6071325	6092150	6078039	6080505	0.17	cps
Thallium	205-1	14613203	14623282	14417069	14551184	0.80	cps
Thorium	232-1	21946132	22107429	21746123	21933228	0.83	cps
Tin	118-1	5342621	5384074	5337532	5354742	0.48	cps
Titanium	47-1	4746140	4710538	4673156	4709945	0.77	cps
Uranium	238-1	21443514	21797760	21568508	21603261	0.83	cps
Vanadium	51-2	1370161	1365817	1398422	1378133	1.28	cps
Yttrium	89-1	20190696	19736453	19663531	19863560	1.44	cps
Yttrium	89-2	2223201	2227055	2254730	2234995	0.77	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 16:11:24	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	615452	617188	629609	620750	1.24	cps
Zirconium	90-1	11470199	11249854	11211977	11310677	1.23	cps
Zirconium	91-1	2517289	2507394	2475312	2499998	0.88	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 16:19:14	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	308	367	417	364	14.90	cps
Antimony	121-1	3292	3417	3692	3467	5.90	cps
Arsenic	75-2	13	17	19	16	17.64	cps
Barium	135-1	525	433	517	492	10.31	cps
Barium	137-1	742	633	792	722	11.21	cps
Beryllium	9-1	183	189	356	243	40.34	cps
Bismuth	209-1	13445554	13582092	13326258	13451301	0.95	cps
Bismuth	209-2	7190446	7270164	7243175	7234595	0.56	cps
Boron	10-1	4434	4234	4092	4254	4.04	cps
Boron	11-1	20465	19488	19238	19730	3.28	cps
Cadmium	111-1	1852	1908	1873	1878	1.50	cps
Cadmium	106-1	8486	8828	8678	8664	1.98	cps
Cadmium	108-1	29	29	42	33	21.65	cps
Calcium	43-1	792	733	867	797	8.38	cps
Calcium	44-1	21906	21006	20505	21139	3.36	cps
Chromium	52-2	1277	1250	1227	1251	2.00	cps
Cobalt	59-2	197	190	250	212	15.50	cps
Copper	63-2	923	1000	1010	978	4.85	cps
Dysprosium	156-1	42	25	25	31	31.50	cps
Dysprosium	156-2	13	20	33	22	45.83	cps
Erbium	164-1	175	125	100	133	28.64	cps
Erbium	164-2	47	60	73	60	22.22	cps
Gadolinium	160-1	167	192	125	161	20.90	cps
Gadolinium	160-2	313	257	237	269	14.79	cps
Holmium	165-1	21197112	21227797	21219805	21214905	0.08	cps
Holmium	165-2	9629876	9822688	9738290	9730285	0.99	cps
Indium	115-1	18089908	18383165	18055759	18176277	0.99	cps
Indium	115-2	2786288	2807094	2826701	2806694	0.72	cps
Iron	56-2	21739	22456	22451	22215	1.86	cps
Iron	57-2	22317	22882	22994	22731	1.60	cps
Krypton	83-1	913	733	777	808	11.63	cps
Lead	206-1	1389	1411	1656	1485	9.96	cps
Lead	207-1	1378	1317	1445	1380	4.63	cps
Lead	208-1	5745	5423	6073	5747	5.66	cps
Lithium	6-1	5505970	5536403	5513831	5518735	0.29	cps
Magnesium	24-2	3442	3959	3642	3681	7.08	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2019-12-27 16:19:14	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	117	147	157	140	14.87	cps
Molybdenum	94-1	1650	1642	1542	1611	3.74	cps
Molybdenum	95-1	1475	1450	1709	1545	9.23	cps
Molybdenum	96-1	1800	1859	1817	1825	1.65	cps
Molybdenum	97-1	875	1000	1142	1006	13.27	cps
Molybdenum	98-1	2525	2450	2475	2484	1.54	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	3	3	10	6	69.34	cps
Nickel	60-2	93	117	113	108	11.71	cps
Phosphorus	31-2	125	58	125	103	37.45	cps
Potassium	39-2	23595	24204	24796	24198	2.48	cps
Rhodium	103-1	16403406	16491921	16510598	16468642	0.35	cps
Rhodium	103-2	7029960	7068919	7122817	7073899	0.66	cps
Scandium	45-1	11971270	12041403	11923559	11978744	0.49	cps
Scandium	45-2	412313	415888	420004	416068	0.93	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	87	61	48	65	30.26	cps
Selenium	82-1	-132	48	28	-18	-533.98	cps
Silicon	28-1	211560	210332	210317	210737	0.34	cps
Silver	109-1	542	508	425	492	12.22	cps
Silver	107-1	608	808	608	675	17.11	cps
Sodium	23-2	29446	30048	29271	29588	1.38	cps
Strontium	86-1	1333	1642	1317	1431	12.79	cps
Strontium	88-1	1008	958	1000	989	2.71	cps
Sulfur	34-1	546999	548978	550318	548765	0.30	cps
Terbium	159-1	22494037	22465306	22191067	22383470	0.75	cps
Terbium	159-2	9743951	9767835	9709114	9740300	0.30	cps
Thallium	203-1	1250	1450	1383	1361	7.48	cps
Thallium	205-1	2900	3042	2542	2828	9.11	cps
Thorium	232-1	4946	5162	5118	5075	2.26	cps
Tin	118-1	2034	2334	2334	2234	7.76	cps
Titanium	47-1	442	375	392	403	8.61	cps
Uranium	238-1	3326	3167	3567	3353	6.01	cps
Vanadium	51-2	110	80	57	82	32.51	cps
Yttrium	89-1	22075142	22403751	21993048	22157314	0.98	cps
Yttrium	89-2	2434544	2462694	2482441	2459893	0.98	cps

LB Number :	LB106959	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	853	940	910	901	4.88	cps
Zirconium	90-1	1900	2217	2550	2222	14.63	cps
Zirconium	91-1	400	525	450	458	13.73	cps