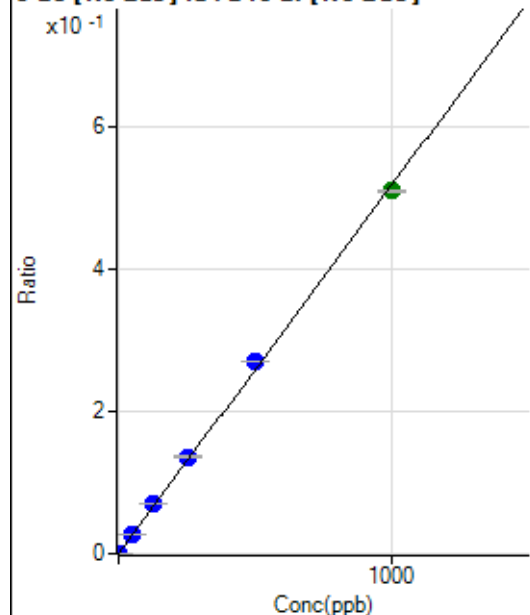


Batch Folder: D:\ICP-MS Data\1\DATA\P7090320A.b\
Analysis File: P7090320A.batch.bin
DA Date-Time: 2020-09-04 13:12:21
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2020-09-03 15:26:12
2	004CALS.d	S02	2020-09-03 15:29:49
3	005CALS.d	S03	2020-09-03 15:35:07
4	006CALS.d	S04	2020-09-03 15:39:36
5	007CALS.d	S05	2020-09-03 15:43:19
6	008CALS.d	S06	2020-09-03 15:46:54
7	009CALS.d	S07	2020-09-03 15:50:26
8	010CALS.d	S08	2020-09-03 15:53:57

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	237.05	0.0000	P	18.1
2	☐	1.000	0.999	5771.63	0.0005	P	3.2
3	☐	50.000	52.647	283381.16	0.0272	P	0.6
4	☐	125.000	133.960	704872.06	0.0693	P	0.6
5	☐	250.000	263.042	1368079.43	0.1360	P	0.7
6	☐	500.000	520.643	2710012.56	0.2693	P	0.4
7	☐	1000.000	985.166	5106530.78	0.5095	A	0.7
8	☐			744.49	0.0001	P	2.7

$$y = 5.1712\text{E-}004 * x + 2.1894\text{E-}005$$

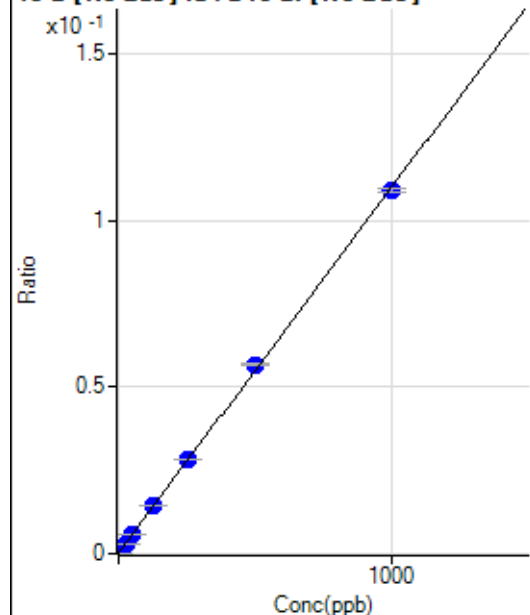
$$R = 0.9996$$

$$DL = 0.02302$$

$$BEC = 0.04234$$

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	1944.65	0.0002	P	2.8
2	☐	25.000	23.731	29805.33	0.0028	P	1.5
3	☐	50.000	50.741	59691.46	0.0057	P	1.5
4	☐	125.000	129.409	146087.21	0.0144	P	0.8
5	☐	250.000	255.582	283453.71	0.0282	P	0.4
6	☐	500.000	514.509	569276.77	0.0566	P	1.0
7	☐	1000.000	990.794	1090063.78	0.1088	P	1.2
8	☐			28024.12	0.0031	P	9.1

$$y = 1.0958\text{E-}004 * x + 1.7956\text{E-}004$$

$$R = 0.9998$$

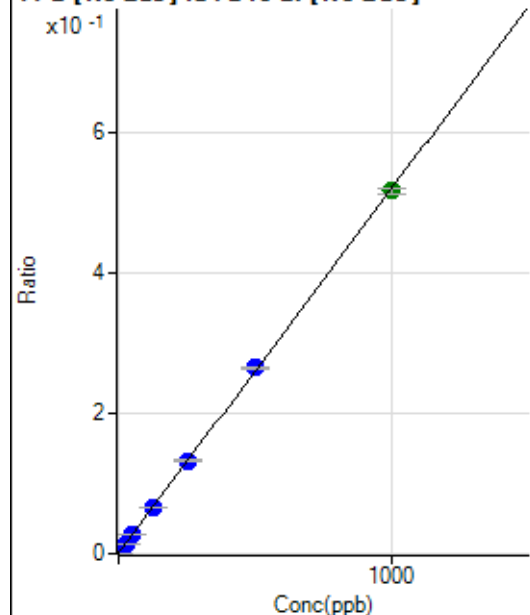
$$DL = 0.137$$

$$BEC = 1.639$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	9280.97	0.0009	P	2.9
2	☐	25.000	23.699	141297.21	0.0132	P	0.6
3	☐	50.000	50.716	283155.70	0.0272	P	0.5
4	☐	125.000	127.317	682112.59	0.0671	P	0.2
5	☐	250.000	254.123	1337350.14	0.1330	P	1.5
6	☐	500.000	508.928	2671950.84	0.2655	P	1.3
7	☐	1000.000	994.213	5189972.21	0.5178	A	1.4
8	☐			132783.30	0.0146	P	5.8

$$y = 5.1995\text{E-}004 * x + 8.5706\text{E-}004$$

$$R = 0.9999$$

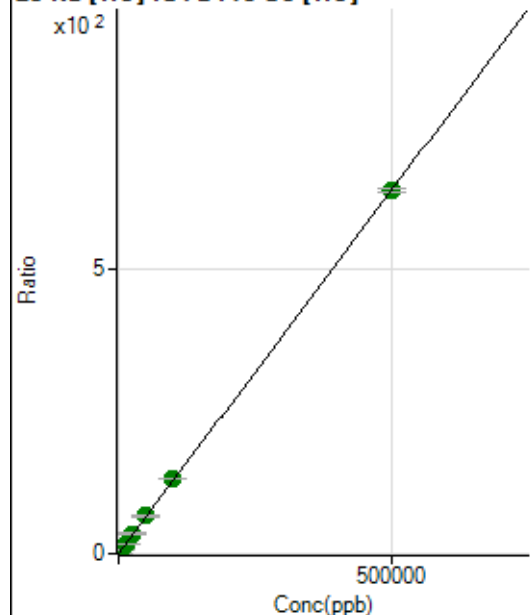
$$DL = 0.1427$$

$$BEC = 1.648$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	10148.27	0.0131	P	0.7
2	☐	500.000	402.485	406840.65	0.5252	P	6.1
3	☐	5000.000	5246.181	4853716.60	6.6879	A	0.6
4	☐	12500.000	13335.567	12165743.33	16.9802	A	1.4
5	☐	25000.000	27361.403	24530440.13	34.8255	A	16.0
6	☐	50000.000	51664.476	49762435.14	65.7468	A	2.8
7	☐	100000.00	102012.83	98257857.75	129.8060	A	0.3
8	☐	500000.00	499289.66	466505521.54	635.2691	A	1.1

$$y = 0.0013 * x + 0.0131$$

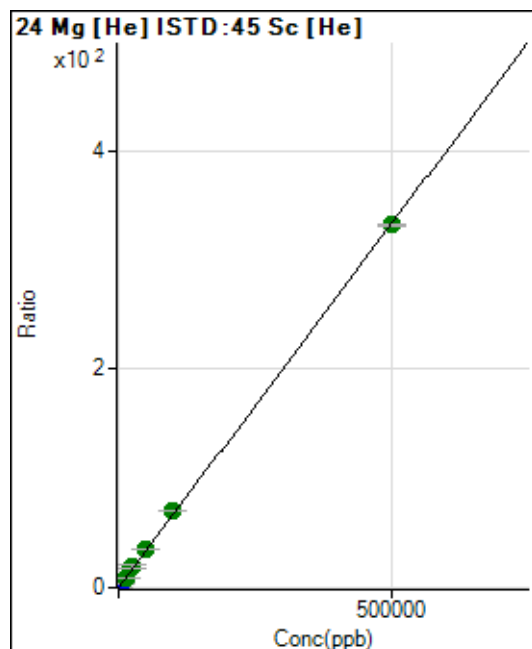
$$R = 1.0000$$

$$DL = 0.2183$$

$$BEC = 10.27$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	416.69	0.0005	P	5.1
2	☐	500.000	395.539	204447.70	0.2639	P	7.1
3	☐	5000.000	5549.094	2682017.42	3.6955	P	0.7
4	☐	12500.000	14019.154	6688704.06	9.3354	A	1.1
5	☐	25000.000	28501.194	13360567.92	18.9785	A	16.5
6	☐	50000.000	53125.418	26773404.77	35.3749	A	3.0
7	☐	100000.00	104906.70	52876423.40	69.8543	A	0.6
8	☐	500000.00	498487.69	243751580.45	331.9265	A	0.8

$$y = 6.6587E-004 * x + 5.3659E-004$$

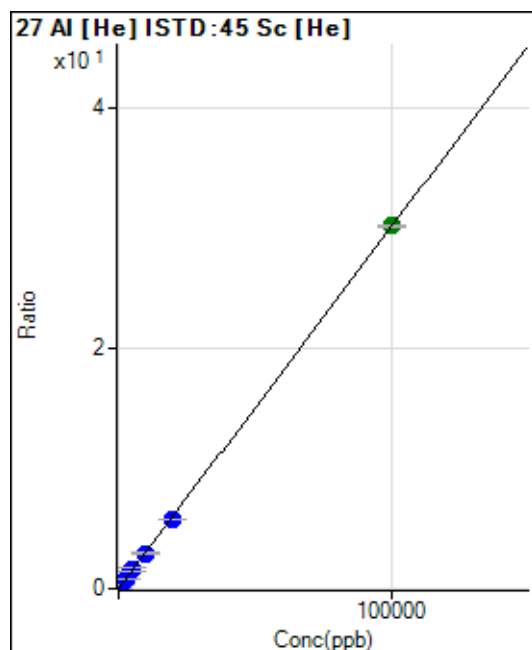
$$R = 0.9999$$

$$DL = 0.123$$

$$BEC = 0.8058$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	225.01	0.0003	P	26.8
2	☐	20.000	14.911	3706.17	0.0048	P	10.9
3	☐	1000.000	1006.275	220367.48	0.3036	P	0.3
4	☐	2500.000	2541.402	549124.01	0.7664	P	0.9
5	☐	5000.000	5215.402	1107228.85	1.5725	P	16.3
6	☐	10000.000	9743.059	2223283.45	2.9374	P	2.7
7	☐	20000.000	19063.851	4350325.88	5.7472	P	0.1
8	☐	100000.00	100201.05	22182660.39	30.2062	A	0.5

$$y = 3.0145E-004 * x + 2.8985E-004$$

$$R = 0.9999$$

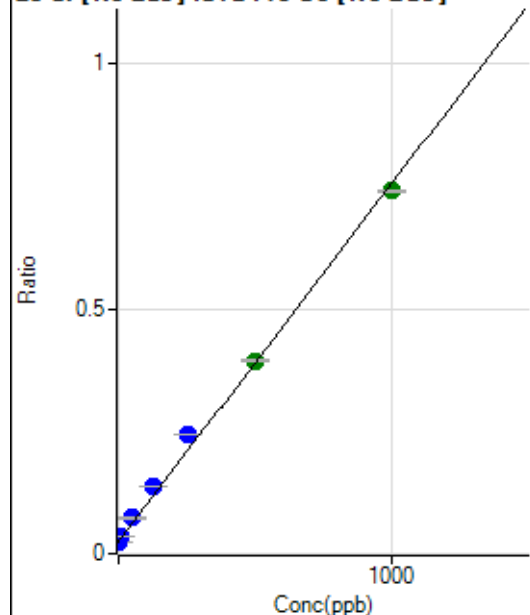
$$DL = 0.7745$$

$$BEC = 0.9615$$

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	449214.20	0.0249	P	0.6
2	☐	10.000	11.899	596263.34	0.0336	P	0.9
3	☐	50.000	65.721	1235033.04	0.0729	P	1.0
4	☐	125.000	153.600	2288562.98	0.1370	P	0.7
5	☐	250.000	300.490	4124991.07	0.2442	P	0.8
6	☐	500.000	505.461	6757433.92	0.3939	A	0.8
7	☐	1000.000	980.267	12946102.81	0.7405	A	0.6
8	☐			774406.98	0.0468	P	0.9

$$y = 7.2999\text{E-}004 * x + 0.0249$$

$$R = 0.9984$$

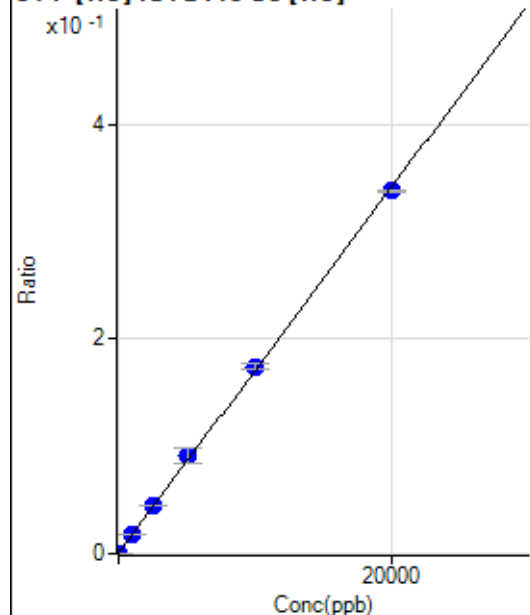
$$DL = 0.6351$$

$$BEC = 34.09$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-0.661	397.25	0.0005	P	21.0
2	☐	0.000	0.661	413.91	0.0005	P	17.9
3	☐	1000.000	1032.349	13139.59	0.0181	P	1.1
4	☐	2500.000	2601.330	32124.53	0.0448	P	2.7
5	☐	5000.000	5348.509	64518.19	0.0916	P	16.1
6	☐	10000.000	10190.283	131741.63	0.1741	P	3.4
7	☐	20000.000	19803.448	255690.09	0.3378	P	0.8
8	☐			563.92	0.0008	P	19.2

$$y = 1.7031\text{E-}005 * x + 5.2285\text{E-}004$$

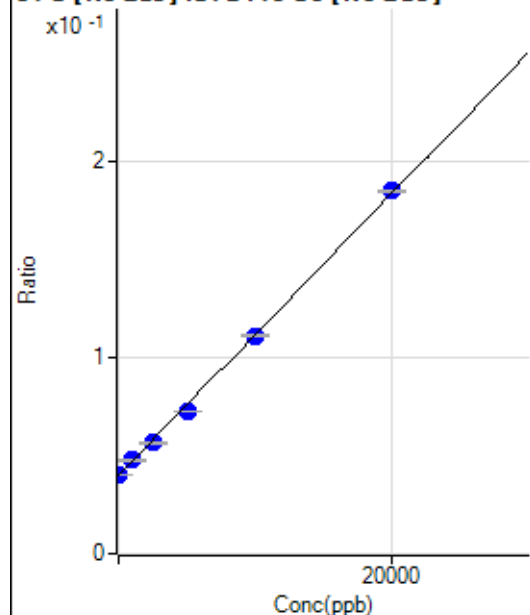
$$R = 0.9998$$

$$DL = 17.91$$

$$BEC = 30.7$$

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	-0.489	719441.08	0.0399	P	0.2
2	☐	0.000	0.489	707996.21	0.0399	P	0.8
3	☐	1000.000	1089.008	808082.58	0.0477	P	1.6
4	☐	2500.000	2326.410	944615.86	0.0566	P	1.3
5	☐	5000.000	4548.603	1224459.89	0.0725	P	0.1
6	☐	10000.000	9902.626	1902961.20	0.1109	P	0.8
7	☐	20000.000	20178.785	3228549.75	0.1847	P	0.3
8	☐			556681.14	0.0337	P	0.4

$$y = 7.1762\text{E-}006 * x + 0.0399$$

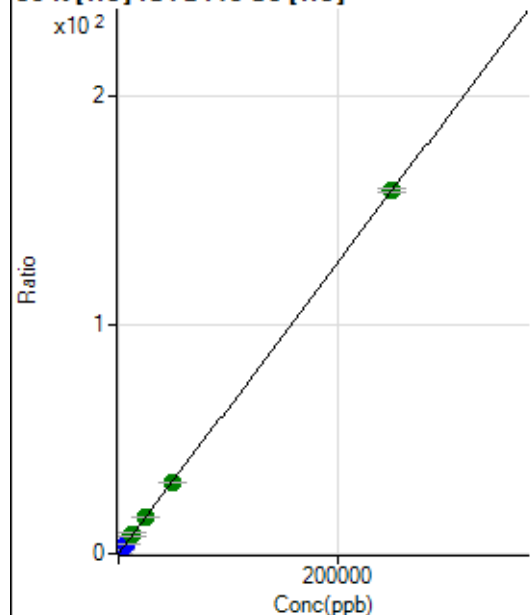
$$R = 0.9996$$

$$DL = 83.57$$

$$BEC = 5554$$

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	27056.08	0.0348	P	2.2
2	☐	500.000	396.116	221354.83	0.2857	P	4.9
3	☐	2500.000	2526.159	1186485.11	1.6348	P	0.2
4	☐	6250.000	6427.963	2942137.78	4.1061	P	0.3
5	☐	12500.000	13064.663	5852363.59	8.3096	A	16.1
6	☐	25000.000	24923.385	11973937.86	15.8205	A	3.1
7	☐	50000.000	49055.404	23545034.56	31.1049	A	0.5
8	☐	250000.00	250163.84	116378199.82	158.4801	A	1.2

$$y = 6.3337\text{E-}004 * x + 0.0348$$

$$R = 1.0000$$

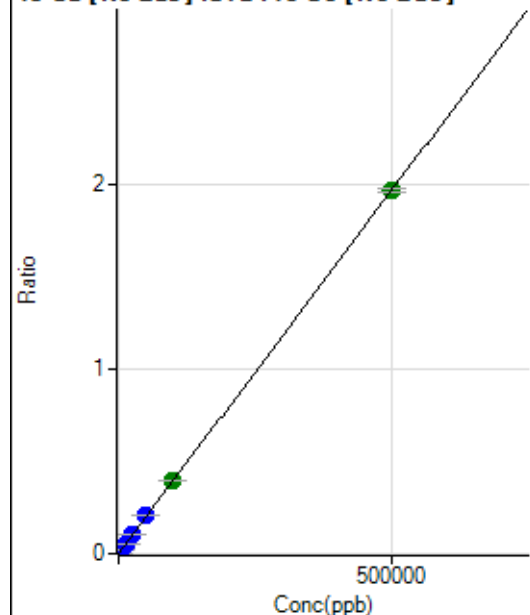
$$DL = 3.592$$

$$BEC = 55.01$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	383.36	0.0000	P	7.8
2	☐	500.000	472.298	33455.60	0.0019	P	1.3
3	☐	5000.000	5178.936	346516.52	0.0204	P	1.2
4	☐	12500.000	13215.659	870799.41	0.0521	P	0.4
5	☐	25000.000	26014.273	1732788.30	0.1026	P	0.2
6	☐	50000.000	52300.142	3538284.97	0.2062	P	0.8
7	☐	100000.00	100829.29	6951357.27	0.3976	A	0.3
8	☐	500000.00	499533.75	32572149.34	1.9697	A	0.9

$$y = 3.9430E-006 * x + 2.1236E-005$$

$$R = 1.0000$$

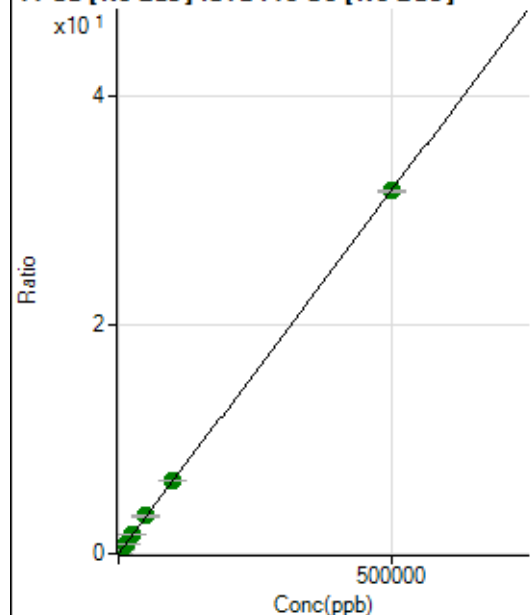
$$DL = 1.261$$

$$BEC = 5.386$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13209.49	0.0007	P	2.3
2	☐	500.000	476.825	550001.91	0.0310	P	1.0
3	☐	5000.000	5111.931	5506722.08	0.3249	A	0.2
4	☐	12500.000	13061.078	13845696.32	0.8289	A	0.5
5	☐	25000.000	25767.059	27606528.05	1.6345	A	0.2
6	☐	50000.000	51747.360	56304461.67	3.2819	A	0.6
7	☐	100000.00	100354.89	111263395.54	6.3639	A	0.1
8	☐	500000.00	499700.81	523977578.38	31.6853	A	0.4

$$y = 6.3407E-005 * x + 7.3175E-004$$

$$R = 1.0000$$

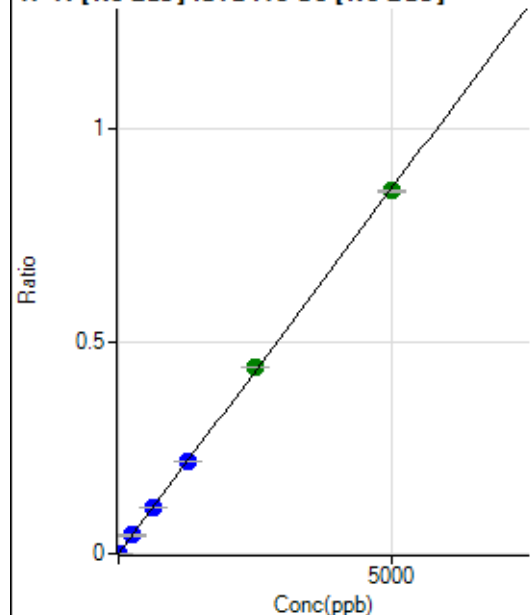
$$DL = 0.8$$

$$BEC = 11.54$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	219.45	0.0000	P	12.1
2	☐	5.000	4.639	14402.04	0.0008	P	2.4
3	☐	250.000	251.342	733787.38	0.0433	P	1.0
4	☐	625.000	638.753	1837316.49	0.1100	P	0.5
5	☐	1250.000	1264.384	3677028.29	0.2177	P	0.8
6	☐	2500.000	2552.619	7540667.10	0.4395	A	0.4
7	☐	5000.000	4968.309	14956345.30	0.8555	A	0.6
8	☐			3014.33	0.0002	P	1.5

$$y = 1.7218\text{E-}004 * x + 1.2155\text{E-}005$$

$$R = 0.9999$$

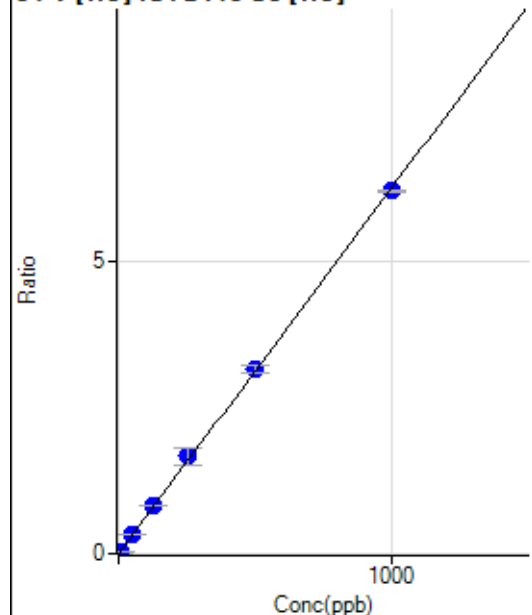
$$DL = 0.02561$$

$$BEC = 0.0706$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.89	0.0000	P	57.4
2	☐	5.000	3.664	17762.04	0.0229	P	8.2
3	☐	50.000	50.607	229720.47	0.3165	P	0.6
4	☐	125.000	130.003	582569.23	0.8131	P	1.1
5	☐	250.000	265.756	1170091.07	1.6621	P	16.5
6	☐	500.000	505.190	2391148.00	3.1596	P	3.5
7	☐	1000.000	992.817	4700175.31	6.2094	P	0.3
8	☐			977.83	0.0013	P	4.1

$$y = 0.0063 * x + 1.1453\text{E-}005$$

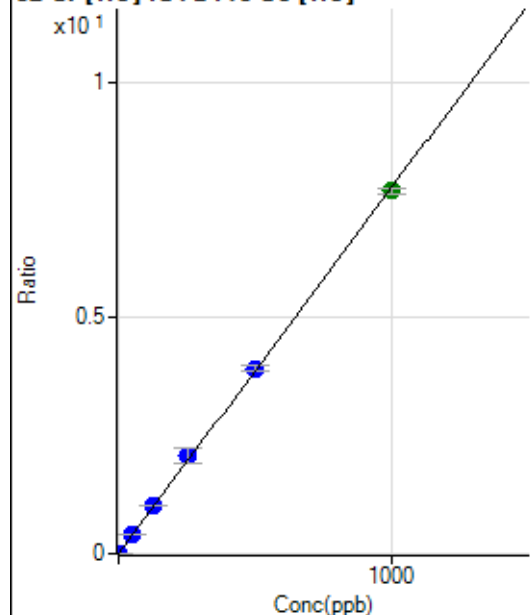
$$R = 0.9998$$

$$DL = 0.003153$$

$$BEC = 0.001831$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1030.06	0.0013	P	11.5
2	☐	2.000	1.484	9956.85	0.0129	P	5.6
3	☐	50.000	51.799	292883.36	0.4036	P	0.2
4	☐	125.000	131.467	732350.22	1.0222	P	1.6
5	☐	250.000	269.164	1472522.84	2.0914	P	16.4
6	☐	500.000	505.751	2973057.01	3.9286	P	3.5
7	☐	1000.000	991.436	5828532.62	7.7000	A	1.3
8	☐			8102.34	0.0110	P	2.3

$$y = 0.0078 * x + 0.0013$$

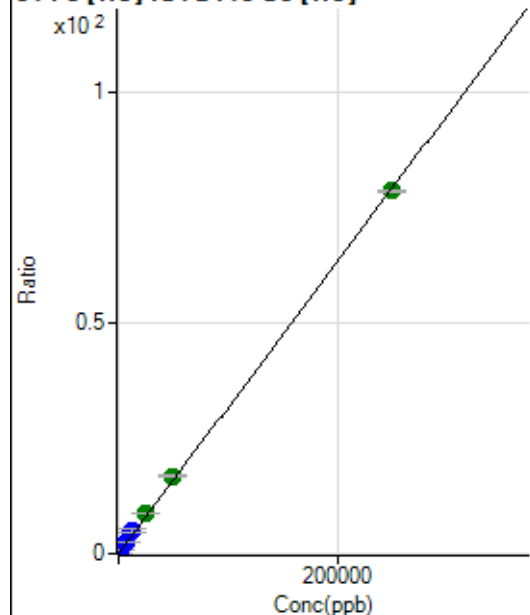
$$R = 0.9998$$

$$DL = 0.05906$$

$$BEC = 0.1708$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1151.26	0.0015	P	8.9
2	☐	50.000	45.361	12254.55	0.0158	P	9.8
3	☐	2500.000	3127.478	718435.63	0.9899	P	0.3
4	☐	6250.000	7972.575	1806269.45	2.5212	P	1.7
5	☐	12500.000	16245.190	3617137.19	5.1356	P	16.0
6	☐	25000.000	27720.947	6632701.84	8.7625	A	2.4
7	☐	50000.000	53339.273	12761500.84	16.8589	A	0.5
8	☐	250000.00	248823.45	57749643.44	78.6402	A	0.8

$$y = 3.1604E-004 * x + 0.0015$$

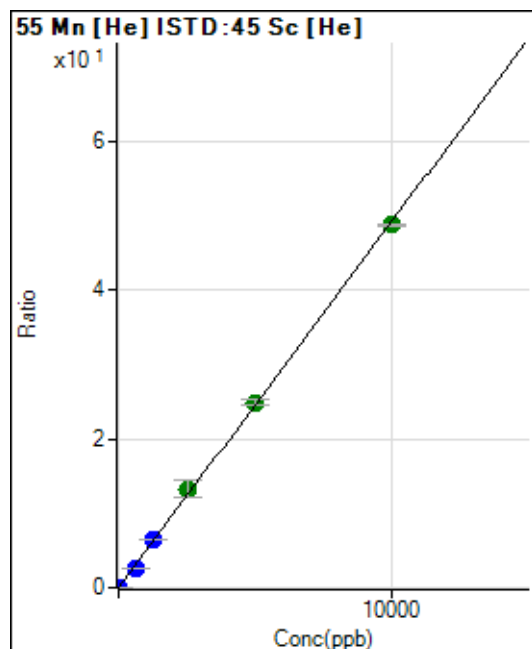
$$R = 0.9998$$

$$DL = 1.258$$

$$BEC = 4.691$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	200.01	0.0003	P	10.2
2	☐	1.000	0.779	3164.84	0.0041	P	6.7
3	☐	625.000	517.806	1848042.49	2.5463	P	0.4
4	☐	1250.000	1317.886	4642941.67	6.4804	P	1.5
5	☐	2500.000	2700.214	9349062.64	13.2773	A	16.3
6	☐	5000.000	5061.314	18835799.86	24.8870	A	3.1
7	☐	10000.000	9917.503	36913204.17	48.7651	A	0.5
8	☐			26043.23	0.0355	P	1.4

$$y = 0.0049 * x + 2.5754E-004$$

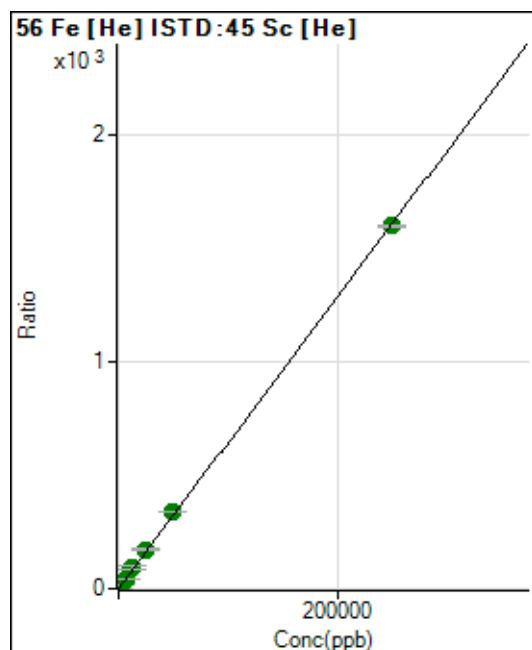
$$R = 0.9996$$

$$DL = 0.01603$$

$$BEC = 0.05238$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8276.64	0.0107	P	5.2
2	☐	50.000	39.466	204722.93	0.2643	P	7.9
3	☐	2500.000	2739.681	12784859.08	17.6157	A	0.9
4	☐	6250.000	7038.281	32412237.99	45.2382	A	1.1
5	☐	12500.000	14387.251	65082820.44	92.4622	A	16.7
6	☐	25000.000	26896.762	130800172.37	172.8476	A	3.8
7	☐	50000.000	52710.727	256402902.03	338.7265	A	0.3
8	☐	250000.00	249151.71	1175736796.6	1,601.043	A	0.7

$$y = 0.0064 * x + 0.0107$$

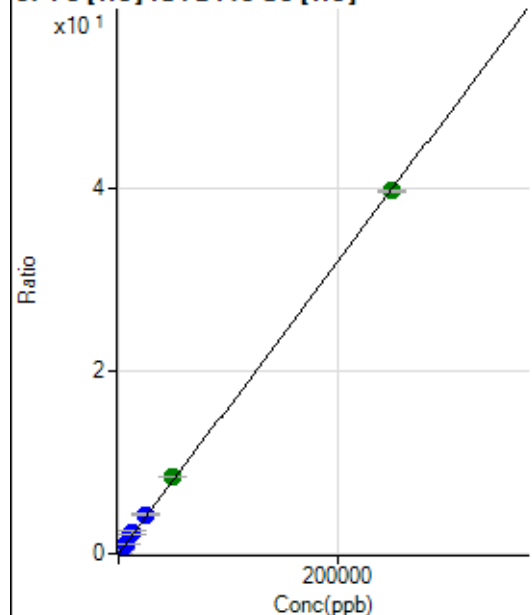
$$R = 0.9999$$

$$DL = 0.2586$$

$$BEC = 1.659$$

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	288.90	0.0004	P	15.1
2	☐	50.000	40.443	5293.72	0.0068	P	8.6
3	☐	2500.000	2775.823	322125.01	0.4438	P	0.7
4	☐	6250.000	7040.137	806082.10	1.1251	P	1.8
5	☐	12500.000	14414.442	1621824.41	2.3033	P	16.3
6	☐	25000.000	26785.181	3238779.62	4.2796	P	3.4
7	☐	50000.000	52405.725	6337789.78	8.3728	A	0.4
8	☐	250000.00	249222.10	29240553.43	39.8166	A	0.2

$$y = 1.5976E-004 * x + 3.7198E-004$$

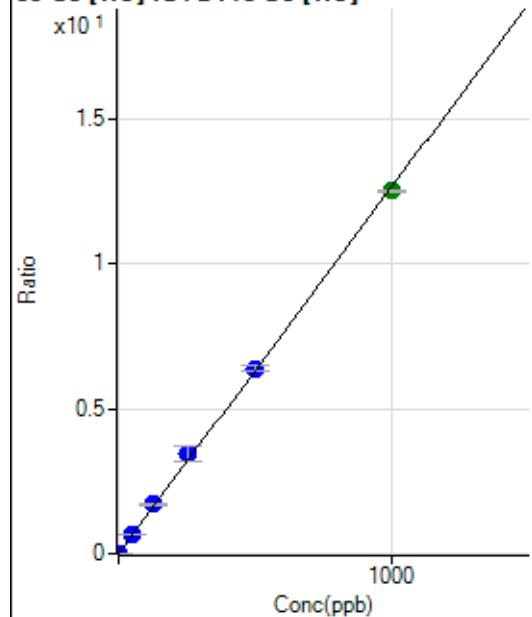
R = 0.9999

DL = 1.051

BEC = 2.328

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	104.45	0.0001	P	24.3
2	☐	1.000	0.760	7540.94	0.0097	P	9.3
3	☐	50.000	52.924	485332.62	0.6687	P	0.2
4	☐	125.000	133.901	1212003.76	1.6917	P	2.0
5	☐	250.000	272.887	2426832.41	3.4475	P	16.6
6	☐	500.000	505.673	4834819.54	6.3884	P	3.2
7	☐	1000.000	990.183	9468876.39	12.5092	A	0.6
8	☐			17304.82	0.0236	P	1.9

$$y = 0.0126 * x + 1.3453E-004$$

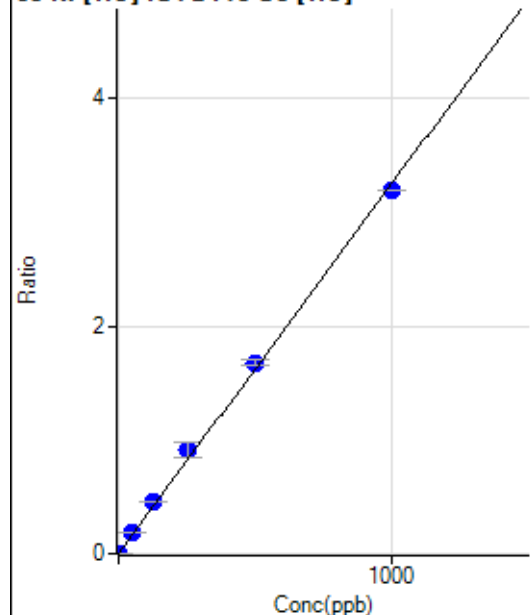
R = 0.9997

DL = 0.007749

BEC = 0.01065

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	252.23	0.0003	P	20.0
2	☐	1.000	0.828	2333.56	0.0030	P	7.2
3	☐	50.000	54.752	129245.09	0.1781	P	0.2
4	☐	125.000	139.496	324733.36	0.4532	P	0.8
5	☐	250.000	280.705	642241.35	0.9117	P	15.8
6	☐	500.000	517.459	1271632.58	1.6803	P	3.4
7	☐	1000.000	981.545	2412418.82	3.1870	P	0.0
8	☐			3618.28	0.0049	P	2.6

$$y = 0.0032 * x + 3.2476E-004$$

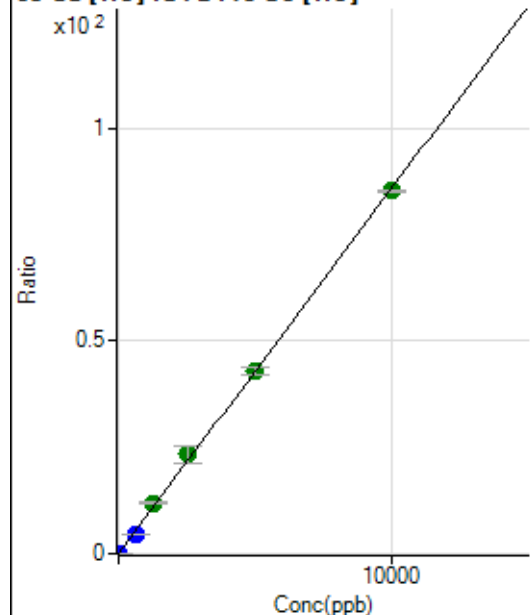
$$R = 0.9992$$

$$DL = 0.06012$$

$$BEC = 0.1$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4165.11	0.0054	P	3.6
2	☐	2.000	1.540	14387.24	0.0186	P	5.4
3	☐	625.000	534.795	3333709.01	4.5934	P	0.2
4	☐	1250.000	1390.273	8552899.66	11.9326	A	4.4
5	☐	2500.000	2712.592	16386412.39	23.2768	A	16.5
6	☐	5000.000	4998.736	32456198.69	42.8897	A	3.8
7	☐	10000.000	9935.588	64524286.82	85.2431	A	0.5
8	☐			15126.89	0.0206	P	1.5

$$y = 0.0086 * x + 0.0054$$

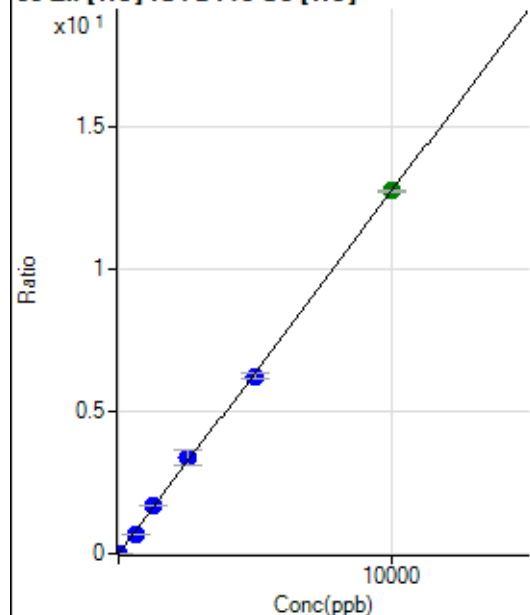
$$R = 0.9996$$

$$DL = 0.06694$$

$$BEC = 0.6253$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	958.94	0.0012	P	6.9
2	☐	2.000	2.733	3648.29	0.0047	P	4.4
3	☐	625.000	514.213	475267.80	0.6548	P	0.5
4	☐	1250.000	1334.716	1216575.88	1.6978	P	0.6
5	☐	2500.000	2664.231	2385019.86	3.3877	P	16.5
6	☐	5000.000	4891.882	4706919.72	6.2193	P	3.2
7	☐	10000.000	10009.336	9631404.37	12.7240	A	0.7
8	☐			10697.41	0.0146	P	0.3

$$y = 0.0013 * x + 0.0012$$

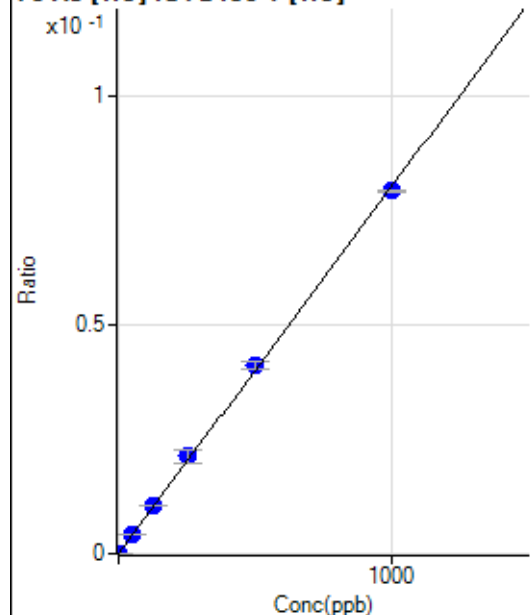
$$R = 0.9996$$

$$DL = 0.2012$$

$$BEC = 0.9716$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12.96	0.0000	P	50.7
2	☐	1.000	0.784	438.28	0.0001	P	5.1
3	☐	50.000	51.614	26652.21	0.0041	P	1.9
4	☐	125.000	130.407	67643.88	0.0105	P	1.2
5	☐	250.000	266.090	136771.67	0.0214	P	14.6
6	☐	500.000	513.013	276389.21	0.0412	P	3.3
7	☐	1000.000	988.714	533826.32	0.0794	P	0.7
8	☐			203.71	0.0000	P	15.1

$$y = 8.0328E-005 * x + 1.8898E-006$$

$$R = 0.9997$$

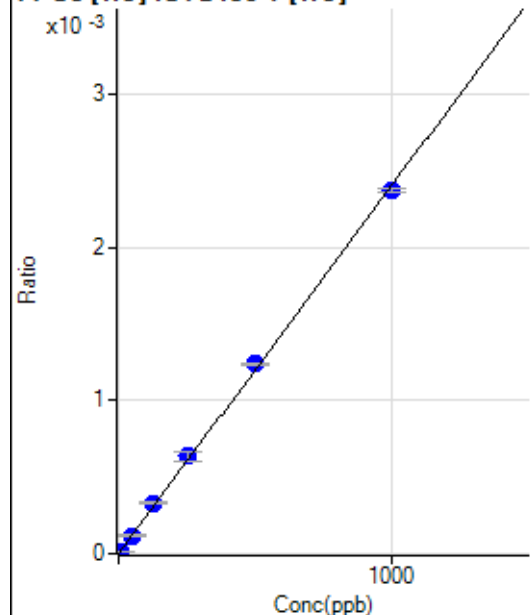
$$DL = 0.0358$$

$$BEC = 0.02353$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	3.625	58.89	0.0000	P	23.6
3	☐	50.000	49.122	758.92	0.0001	P	4.1
4	☐	125.000	137.984	2142.42	0.0003	P	2.9
5	☐	250.000	264.288	4078.41	0.0006	P	11.5
6	☐	500.000	517.091	8342.54	0.0012	P	1.0
7	☐	1000.000	986.310	15941.20	0.0024	P	0.9
8	☐			4.44	0.0000	P	43.4

$$y = 2.4046\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9996$$

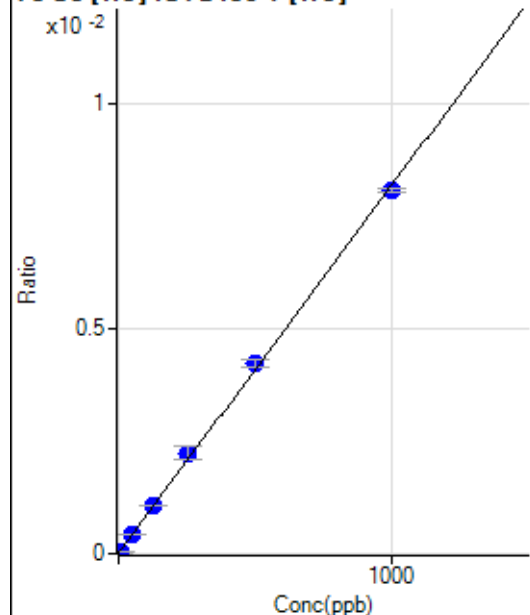
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.84	0.0000	P	6.7
2	☐	5.000	3.959	289.51	0.0000	P	7.9
3	☐	50.000	51.547	2769.43	0.0004	P	3.1
4	☐	125.000	129.581	6891.83	0.0011	P	2.5
5	☐	250.000	272.143	14274.38	0.0022	P	14.2
6	☐	500.000	516.499	28322.73	0.0042	P	3.6
7	☐	1000.000	985.570	54100.40	0.0080	P	1.1
8	☐			88.27	0.0000	P	21.4

$$y = 8.1563\text{E-}006 * x + 1.0574\text{E-}005$$

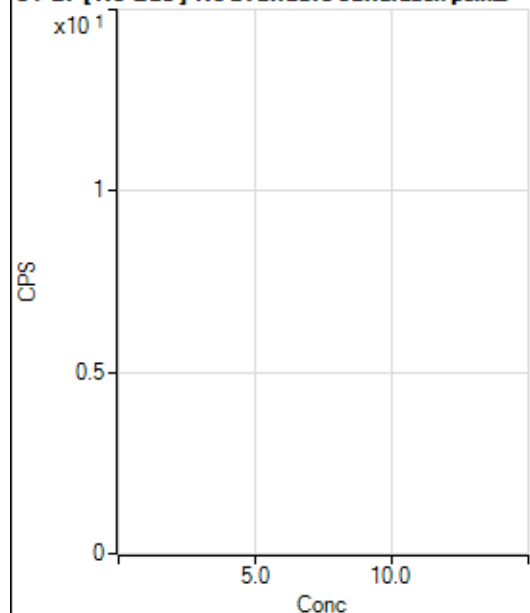
$$R = 0.9995$$

$$DL = 0.2601$$

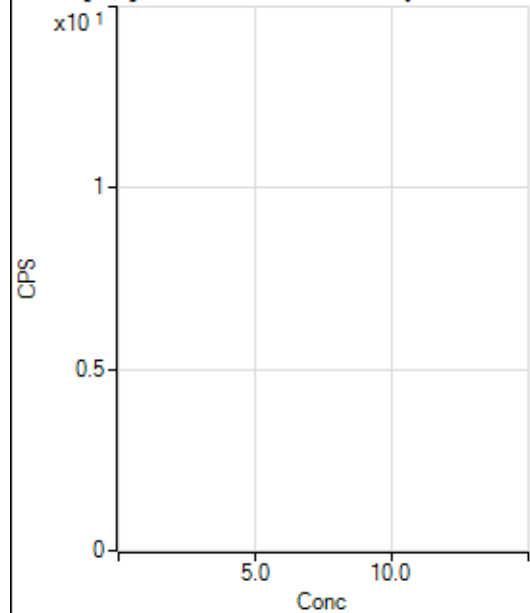
$$BEC = 1.296$$

Weight: <None>

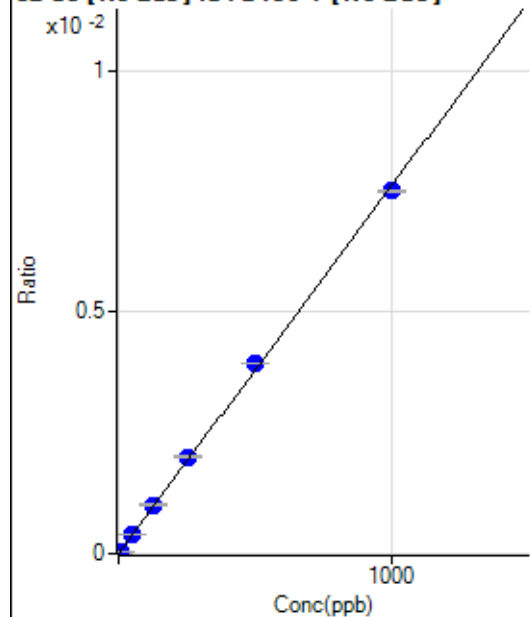
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			69374.07		P	1.4
2	☐			68908.15		P	0.4
3	☐			65956.09		P	0.9
4	☐			62779.95		P	1.7
5	☐			64480.49		P	1.2
6	☐			64490.01		P	1.5
7	☐			68271.42		P	1.1
8	☐			65518.35		P	1.8

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			56.72		P	20.4
2	☐			93.43		P	24.7
3	☐			86.76		P	13.3
4	☐			63.40		P	81.0
5	☐			63.40		P	45.6
6	☐			73.41		P	43.8
7	☐			103.44		P	14.8
8	☐			76.75		P	15.1

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	127.45	0.0000	P	20.8
2	☐	5.000	5.073	2080.15	0.0000	P	5.8
3	☐	50.000	52.192	19694.18	0.0004	P	1.0
4	☐	125.000	132.999	50198.28	0.0010	P	1.2
5	☐	250.000	263.389	100084.74	0.0020	P	0.7
6	☐	500.000	517.864	200736.97	0.0039	P	0.3
7	☐	1000.000	986.611	383110.41	0.0075	P	0.6
8	☐			375.20	0.0000	P	20.3

$$y = 7.6107\text{E-}006 * x + 2.4778\text{E-}006$$

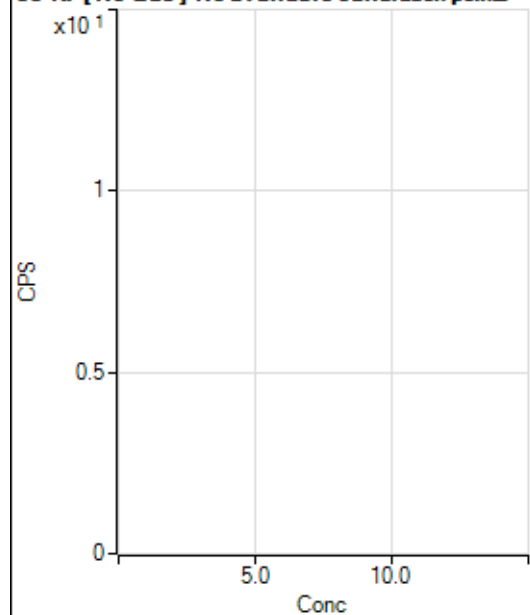
$$R = 0.9996$$

$$DL = 0.2035$$

$$BEC = 0.3256$$

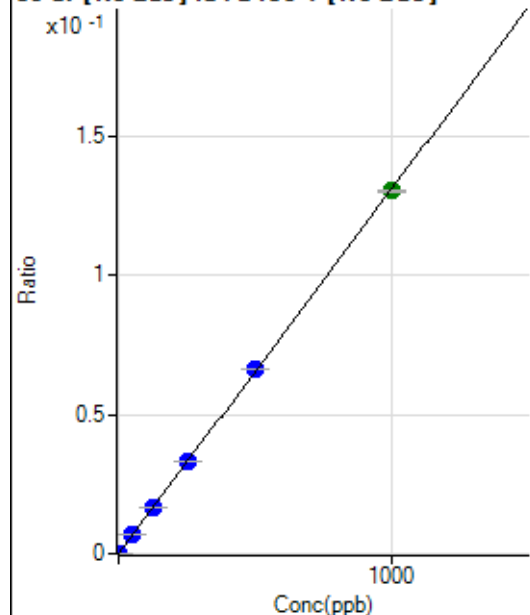
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			510.02		P	8.2
2	☐			548.91		P	9.2
3	☐			553.35		P	8.9
4	☐			523.35		P	4.5
5	☐			530.02		P	4.7
6	☐			577.80		P	3.8
7	☐			670.03		P	5.9
8	☐			721.14		P	10.3

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	908.40	0.0000	P	14.3
2	☐	1.000	0.931	7074.24	0.0001	P	3.7
3	☐	50.000	50.661	328067.06	0.0067	P	1.5
4	☐	125.000	127.679	828841.82	0.0168	P	0.6
5	☐	250.000	254.171	1662199.04	0.0333	P	0.9
6	☐	500.000	505.971	3376601.55	0.0663	P	0.6
7	☐	1000.000	995.604	6657296.42	0.1305	A	0.4
8	☐			34066.31	0.0007	P	0.3

$$y = 1.3108\text{E-}004 * x + 1.7670\text{E-}005$$

$$R = 1.0000$$

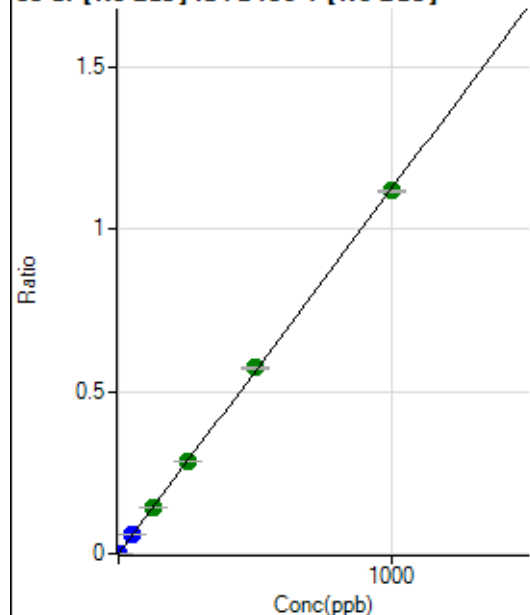
$$DL = 0.05788$$

$$BEC = 0.1348$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	650.05	0.0000	P	5.6
2	☐	1.000	0.947	54493.76	0.0011	P	0.5
3	☐	50.000	50.830	2813651.82	0.0571	P	0.4
4	☐	125.000	127.766	7100416.74	0.1435	A	0.4
5	☐	250.000	254.266	14241498.41	0.2856	A	0.6
6	☐	500.000	508.956	29096254.12	0.5716	A	0.4
7	☐	1000.000	994.068	56948007.52	1.1165	A	0.3
8	☐			288015.02	0.0062	P	1.4

$$y = 0.0011 * x + 1.2647\text{E-}005$$

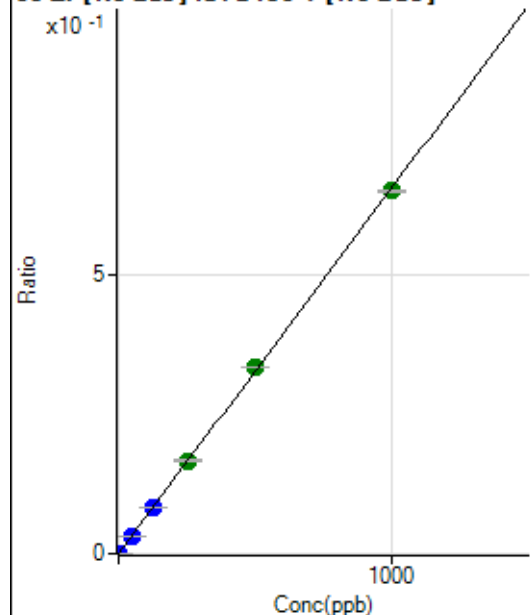
$$R = 0.9999$$

$$DL = 0.001904$$

$$BEC = 0.01126$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2130.80	0.0000	P	8.0
2	☐	1.000	0.856	30511.03	0.0006	P	1.7
3	☐	50.000	49.390	1598456.02	0.0324	P	0.9
4	☐	125.000	127.311	4133556.82	0.0835	P	0.4
5	☐	250.000	254.846	8337912.60	0.1672	A	0.7
6	☐	500.000	510.941	17060904.20	0.3352	A	0.1
7	☐	1000.000	993.060	33227128.17	0.6514	A	0.4
8	☐			12077.78	0.0003	P	1.5

$$y = 6.5594\text{E-}004 * x + 4.1451\text{E-}005$$

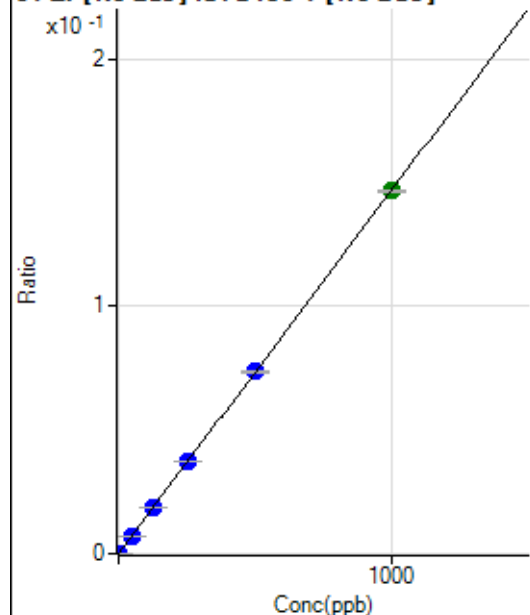
$$R = 0.9999$$

$$DL = 0.01515$$

$$BEC = 0.06319$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	355.58	0.0000	P	16.6
2	☐	1.000	0.855	6701.84	0.0001	P	1.5
3	☐	50.000	48.834	353561.91	0.0072	P	1.0
4	☐	125.000	126.298	917503.86	0.0185	P	0.7
5	☐	250.000	252.285	1846991.10	0.0370	P	0.5
6	☐	500.000	501.609	3747981.38	0.0736	P	0.8
7	☐	1000.000	998.520	7476130.37	0.1466	A	0.5
8	☐			2486.44	0.0001	P	9.7

$$y = 1.4678\text{E-}004 * x + 6.9185\text{E-}006$$

$$R = 1.0000$$

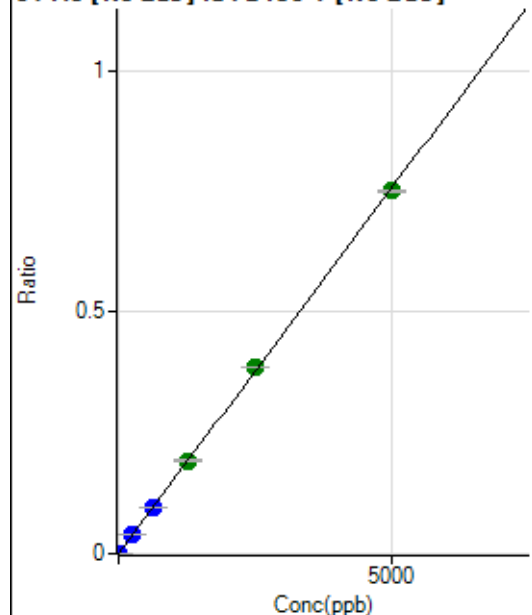
$$DL = 0.02352$$

$$BEC = 0.04713$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	680.60	0.0000	P	23.4
2	☐	5.000	4.586	35793.18	0.0007	P	2.3
3	☐	250.000	250.802	1870423.00	0.0380	P	0.7
4	☐	625.000	640.167	4792151.23	0.0969	P	1.0
5	☐	1250.000	1271.687	9594724.61	0.1924	A	0.8
6	☐	2500.000	2556.834	19690139.85	0.3868	A	0.4
7	☐	5000.000	4964.226	38308280.37	0.7511	A	0.6
8	☐			15030.75	0.0003	P	0.8

$$y = 1.5129E-004 * x + 1.3244E-005$$

$$R = 0.9999$$

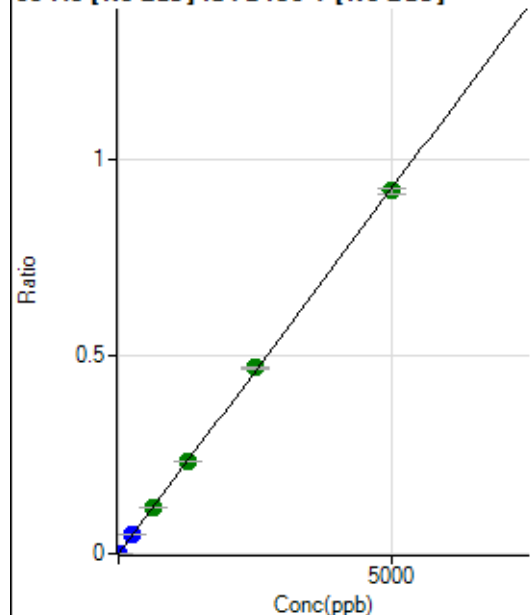
$$DL = 0.06158$$

$$BEC = 0.08754$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	144.45	0.0000	P	21.5
2	☐	5.000	4.746	44601.31	0.0009	P	0.9
3	☐	250.000	251.018	2289230.89	0.0465	P	0.4
4	☐	625.000	638.300	5844406.77	0.1181	A	1.0
5	☐	1250.000	1273.247	11750528.65	0.2356	A	0.5
6	☐	2500.000	2547.102	23993279.70	0.4714	A	0.6
7	☐	5000.000	4968.924	46903520.15	0.9196	A	1.4
8	☐			20176.06	0.0004	P	2.7

$$y = 1.8506E-004 * x + 2.8083E-006$$

$$R = 0.9999$$

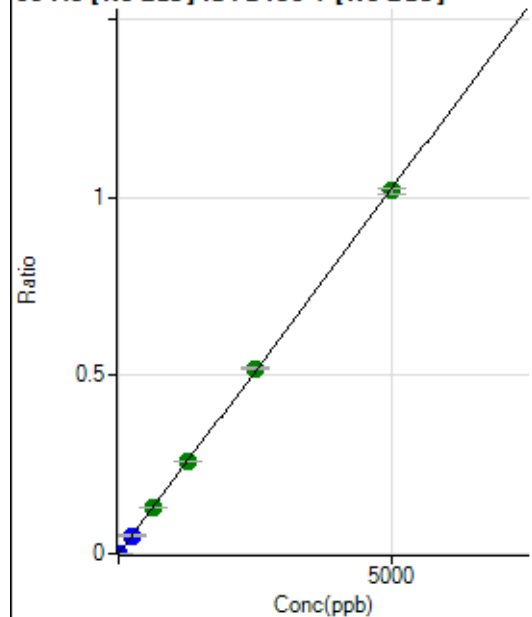
$$DL = 0.009793$$

$$BEC = 0.01517$$

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	405.58	0.0000	P	17.2
2	☐	5.000	4.683	48987.86	0.0010	P	0.3
3	☐	250.000	249.981	2525152.49	0.0512	P	0.5
4	☐	625.000	636.028	6449900.80	0.1304	A	0.4
5	☐	1250.000	1268.271	12962985.19	0.2600	A	0.8
6	☐	2500.000	2542.330	26523228.02	0.5211	A	0.5
7	☐	5000.000	4972.890	51986735.88	1.0193	A	1.7
8	☐			50889.47	0.0011	P	1.9

$$y = 2.0496\text{E-}004 * x + 7.8938\text{E-}006$$

$$R = 0.9999$$

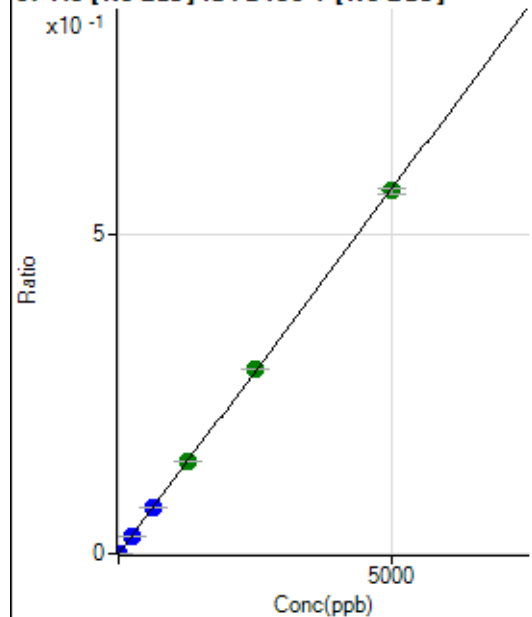
$$DL = 0.01991$$

$$BEC = 0.03851$$

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	69.45	0.0000	P	45.2
2	☐	5.000	4.703	27271.49	0.0005	P	3.0
3	☐	250.000	249.499	1404966.49	0.0285	P	0.7
4	☐	625.000	637.050	3601568.01	0.0728	P	0.4
5	☐	1250.000	1265.798	7212908.06	0.1446	A	0.7
6	☐	2500.000	2538.896	14767087.14	0.2901	A	0.3
7	☐	5000.000	4975.122	28995921.83	0.5685	A	1.5
8	☐			10245.78	0.0002	P	1.4

$$y = 1.1427\text{E-}004 * x + 1.3493\text{E-}006$$

$$R = 0.9999$$

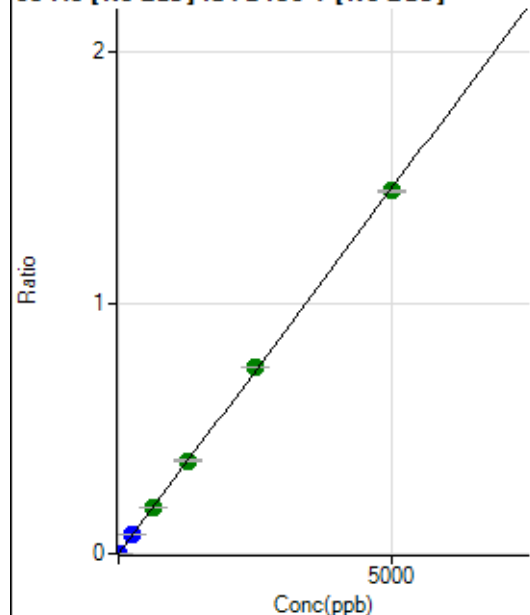
$$DL = 0.01602$$

$$BEC = 0.01181$$

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	222.24	0.0000	P	12.9
2	☐	5.000	4.718	69832.50	0.0014	P	1.7
3	☐	250.000	253.037	3634228.94	0.0738	P	0.4
4	☐	625.000	634.662	9151405.50	0.1850	A	1.0
5	☐	1250.000	1273.396	18507228.54	0.3711	A	1.0
6	☐	2500.000	2548.400	37805883.83	0.7428	A	0.2
7	☐	5000.000	4968.592	73861926.65	1.4481	A	0.6
8	☐			22788.46	0.0005	P	1.5

$$y = 2.9146\text{E-}004 * x + 4.3223\text{E-}006$$

$$R = 0.9999$$

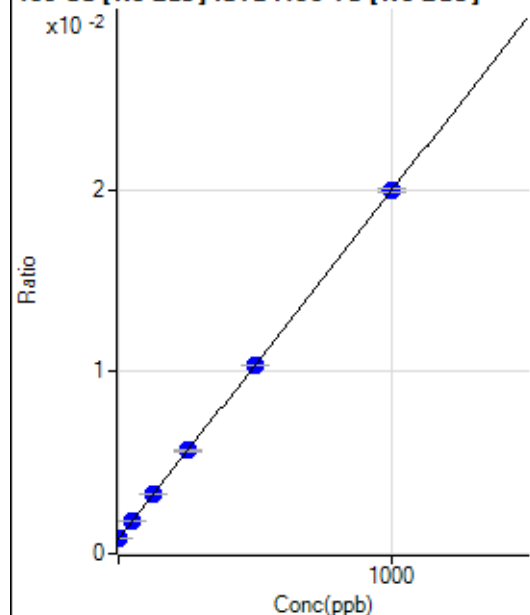
$$DL = 0.005758$$

$$BEC = 0.01483$$

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	24371.81	0.0008	P	1.5
2	☐	1.000	0.046	24296.44	0.0008	P	0.9
3	☐	50.000	50.449	53306.94	0.0018	P	1.3
4	☐	125.000	128.609	99056.32	0.0033	P	1.4
5	☐	250.000	253.761	173920.86	0.0057	P	1.7
6	☐	500.000	498.526	320762.91	0.0103	P	0.8
7	☐	1000.000	999.324	618284.97	0.0199	P	0.9
8	☐			23044.64	0.0008	P	2.2

$$y = 1.9125\text{E-}005 * x + 8.0960\text{E-}004$$

$$R = 1.0000$$

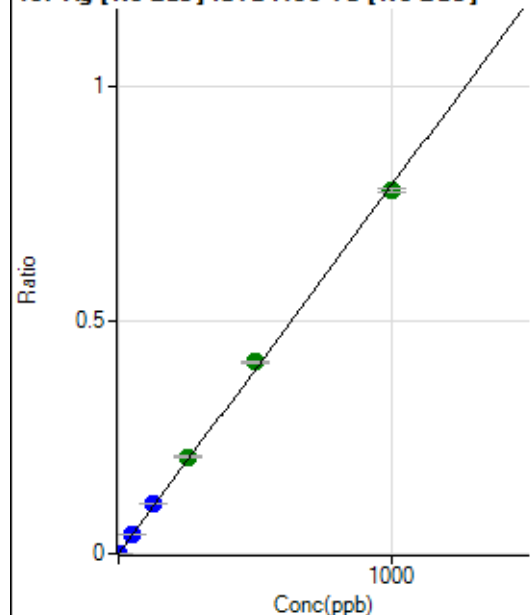
$$DL = 1.869$$

$$BEC = 42.33$$

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	394.47	0.0000	P	19.1
2	☐	1.000	1.038	24950.70	0.0008	P	2.2
3	☐	50.000	53.756	1274733.71	0.0424	P	0.2
4	☐	125.000	136.799	3271213.88	0.1080	P	0.3
5	☐	250.000	262.801	6369666.50	0.2074	A	0.8
6	☐	500.000	519.666	12716271.46	0.4101	A	0.6
7	☐	1000.000	985.304	24130342.03	0.7775	A	1.1
8	☐			11685.83	0.0004	P	4.0

$$y = 7.8910E-004 * x + 1.3089E-005$$

$$R = 0.9996$$

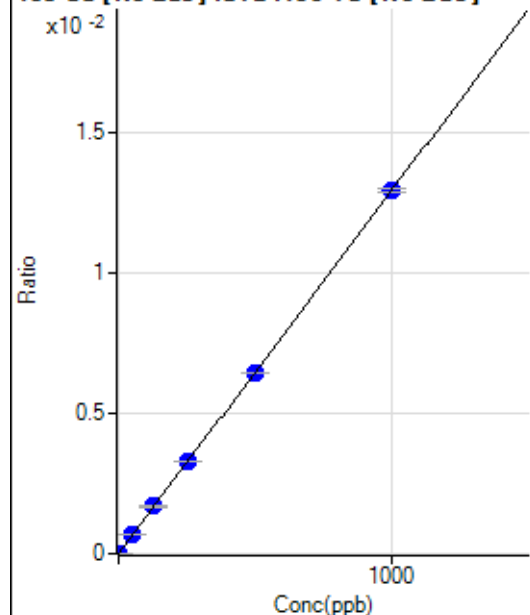
$$DL = 0.009502$$

$$BEC = 0.01659$$

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	51.39	0.0000	P	33.2
2	☐	1.000	1.020	445.85	0.0000	P	6.9
3	☐	50.000	50.989	19826.70	0.0007	P	1.8
4	☐	125.000	130.110	50944.20	0.0017	P	0.9
5	☐	250.000	252.639	100222.06	0.0033	P	0.8
6	☐	500.000	497.815	199331.19	0.0064	P	0.8
7	☐	1000.000	999.744	400594.69	0.0129	P	1.1
8	☐			281.95	0.0000	P	6.0

$$y = 1.2909E-005 * x + 1.7095E-006$$

$$R = 1.0000$$

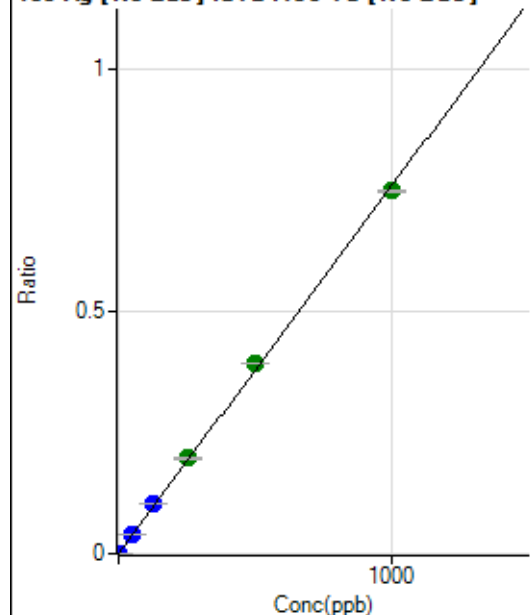
$$DL = 0.1321$$

$$BEC = 0.1324$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	61.11	0.0000	P	30.6
2	☐	1.000	1.020	23242.16	0.0008	P	2.5
3	☐	50.000	53.455	1217223.52	0.0405	P	0.5
4	☐	125.000	136.054	3124588.98	0.1031	P	0.2
5	☐	250.000	259.392	6038373.53	0.1966	A	1.0
6	☐	500.000	518.120	12177358.69	0.3927	A	0.8
7	☐	1000.000	987.038	23218806.77	0.7481	A	0.5
8	☐			10868.50	0.0004	P	0.6

$$y = 7.5794\text{E-}004 * x + 2.0267\text{E-}006$$

$$R = 0.9997$$

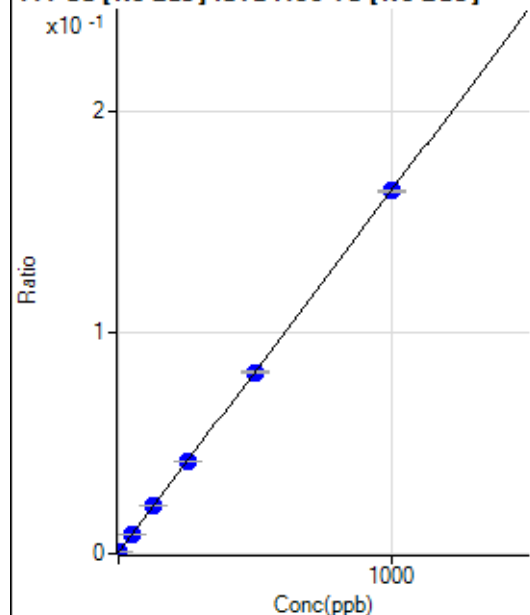
$$DL = 0.002455$$

$$BEC = 0.002674$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	17050.68	0.0006	P	1.4
2	☐	1.000	0.948	21633.89	0.0007	P	0.5
3	☐	50.000	51.517	270499.89	0.0090	P	0.7
4	☐	125.000	128.768	656183.23	0.0217	P	0.6
5	☐	250.000	252.988	1290049.91	0.0420	P	0.4
6	☐	500.000	498.665	2550177.56	0.0822	P	0.4
7	☐	1000.000	999.374	5097671.33	0.1642	P	0.4
8	☐			17670.14	0.0006	P	1.7

$$y = 1.6378\text{E-}004 * x + 5.6640\text{E-}004$$

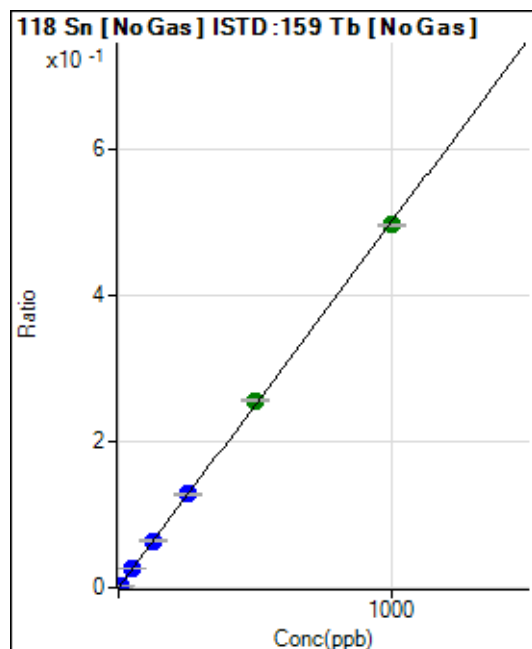
$$R = 1.0000$$

$$DL = 0.1418$$

$$BEC = 3.458$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1100.10	0.0000	P	9.2
2	☐	5.000	4.777	72842.04	0.0024	P	2.5
3	☐	50.000	50.946	767861.87	0.0256	P	0.3
4	☐	125.000	128.686	1954531.81	0.0645	P	0.4
5	☐	250.000	255.130	3926704.56	0.1279	P	1.2
6	☐	500.000	511.752	7951137.42	0.2564	A	0.7
7	☐	1000.000	992.334	15431254.34	0.4972	A	0.3
8	☐			5959.85	0.0002	P	2.1

$$y = 5.0098\text{E-}004 * x + 3.6555\text{E-}005$$

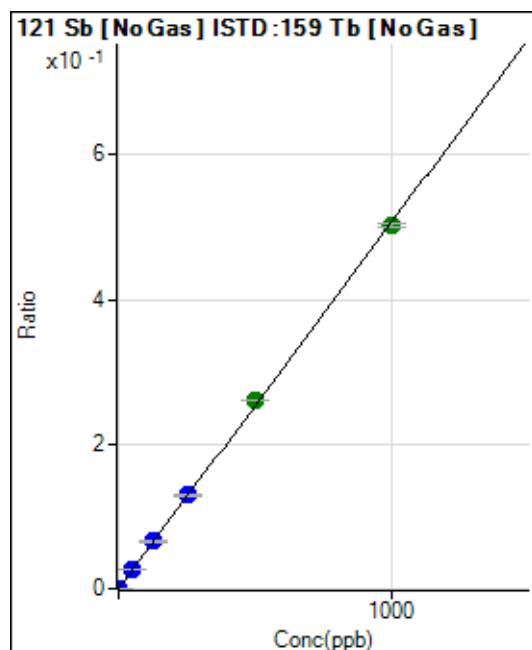
$$R = 0.9999$$

$$DL = 0.02003$$

$$BEC = 0.07297$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	125.01	0.0000	P	64.2
2	☐	2.000	1.855	28310.28	0.0009	P	1.1
3	☐	50.000	50.459	768501.24	0.0256	P	0.3
4	☐	125.000	128.764	1977726.13	0.0653	P	0.5
5	☐	250.000	254.870	3967917.97	0.1292	P	0.9
6	☐	500.000	515.931	8109477.01	0.2615	A	0.2
7	☐	1000.000	990.324	15579067.02	0.5020	A	0.9
8	☐			12750.76	0.0005	P	7.9

$$y = 5.0688\text{E-}004 * x + 4.1624\text{E-}006$$

$$R = 0.9998$$

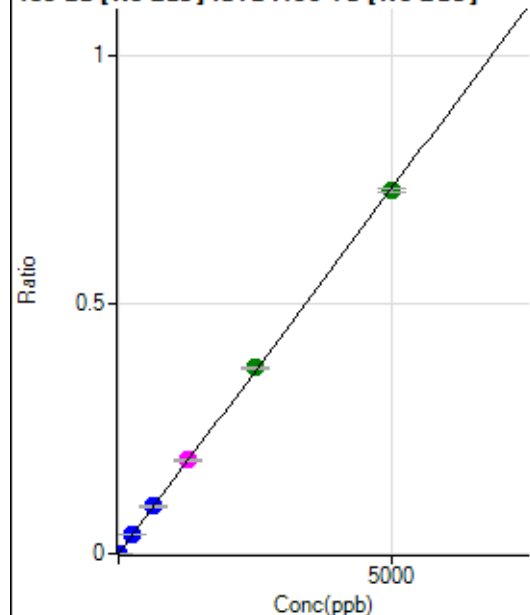
$$DL = 0.01583$$

$$BEC = 0.008212$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	58.34	0.0000	P	28.9
2	☐	10.000	9.606	42262.41	0.0014	P	0.6
3	☐	250.000	255.365	1124506.21	0.0374	P	0.7
4	☐	625.000	645.102	2865081.12	0.0946	P	0.9
5	☐	1250.000	1279.856	5761850.78	0.1876	M	0.6
6	☐	2500.000	2543.924	11562613.28	0.3729	A	0.2
7	☐	5000.000	4967.794	22598533.49	0.7282	A	0.9
8	☐			35927.89	0.0013	P	2.7

$$y = 1.4657E-004 * x + 1.9387E-006$$

$$R = 0.9999$$

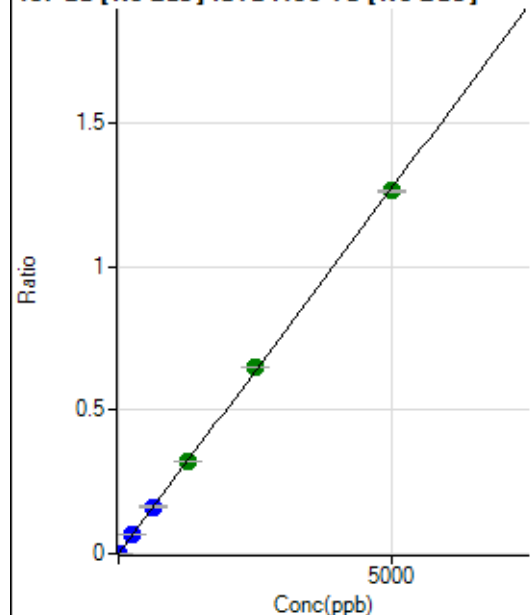
$$DL = 0.01148$$

$$BEC = 0.01323$$

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	83.33	0.0000	P	18.0
2	☐	10.000	9.668	73774.22	0.0025	P	2.1
3	☐	250.000	253.626	1937736.02	0.0645	P	0.4
4	☐	625.000	644.420	4965633.66	0.1639	P	0.6
5	☐	1250.000	1268.842	9910603.95	0.3227	A	1.0
6	☐	2500.000	2550.728	20114665.21	0.6487	A	0.5
7	☐	5000.000	4967.317	39204850.18	1.2632	A	0.8
8	☐			63892.41	0.0023	P	2.1

$$y = 2.5431E-004 * x + 2.7701E-006$$

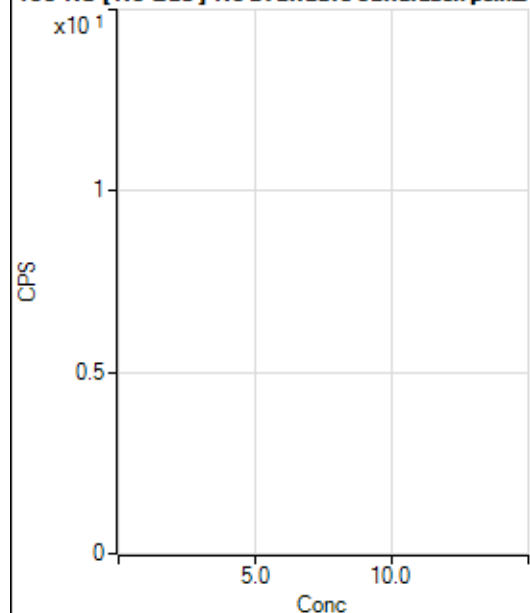
$$R = 0.9999$$

$$DL = 0.005871$$

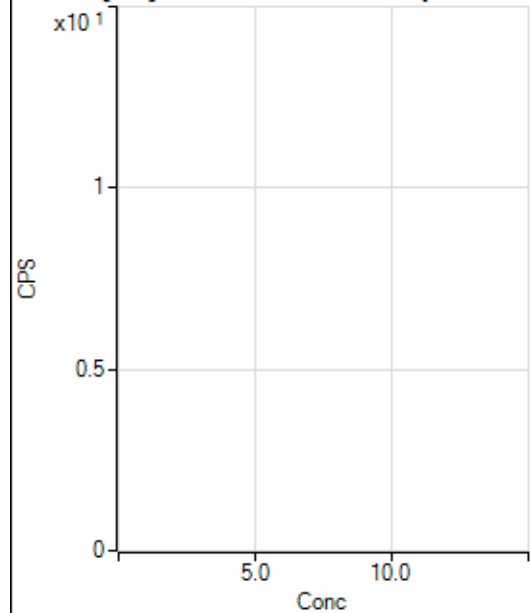
$$BEC = 0.01089$$

Weight: <None>

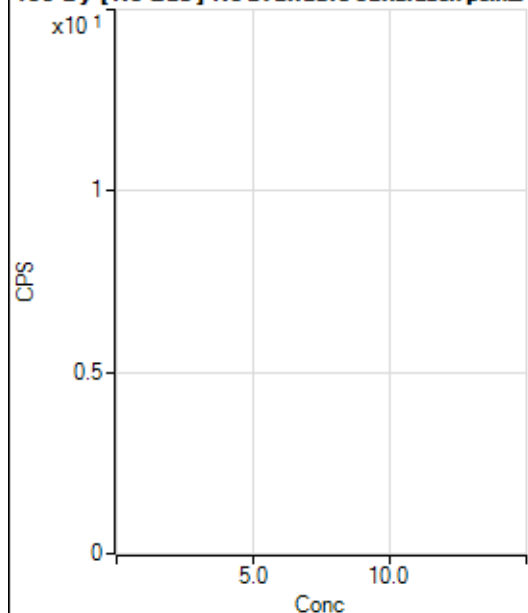
Min Conc: 0

150 Nd [No Gas] No available calibration points

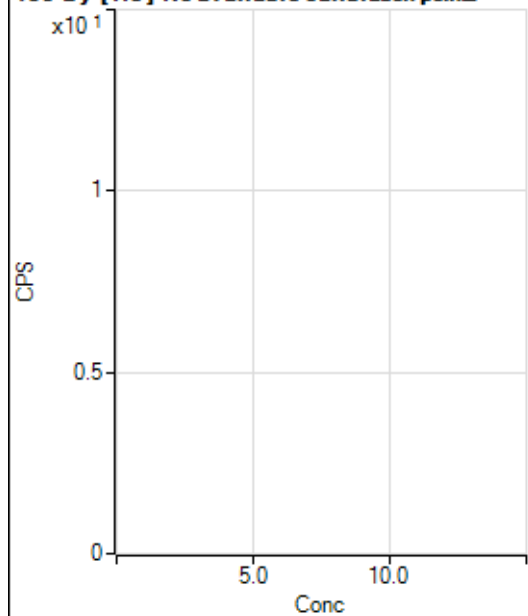
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	124.
2	☐			17.78		P	43.3
3	☐			106.67		P	28.6
4	☐			337.79		P	7.5
5	☐			744.49		P	6.1
6	☐			1395.68		P	7.4
7	☐			2744.82		P	3.2
8	☐			60.00		P	22.2

150 Nd [He] No available calibration points

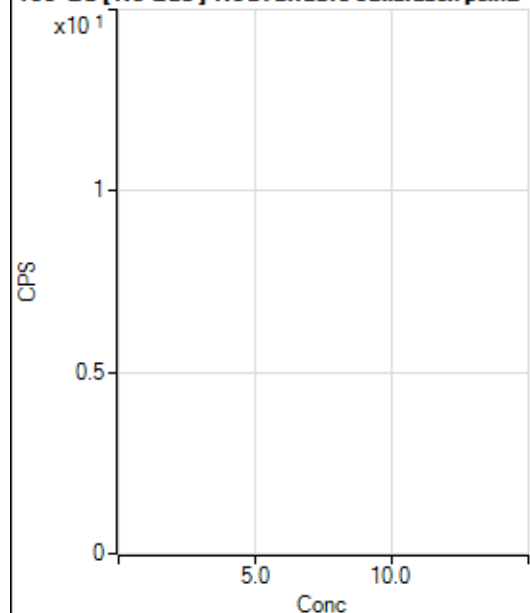
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			1.11		P	173.
3	☐			15.55		P	24.8
4	☐			27.78		P	25.0
5	☐			51.11		P	18.8
6	☐			122.23		P	4.2
7	☐			204.45		P	9.0
8	☐			18.89		P	27.0

156 Dy [No Gas] No available calibration points

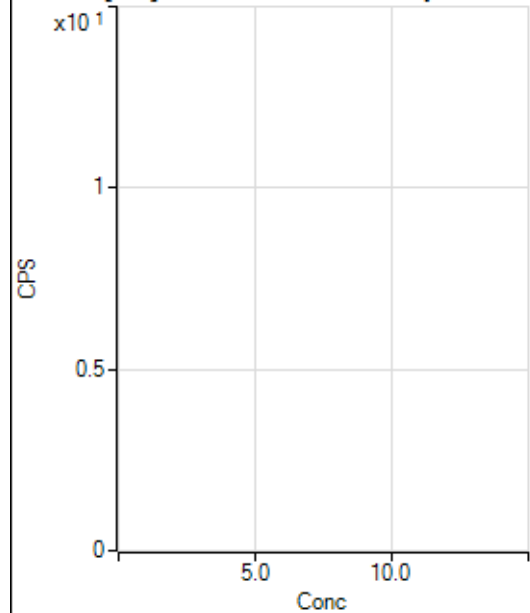
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.00		P	50.0
2	☐			25.00		P	57.7
3	☐			63.89		P	74.2
4	☐			141.67		P	15.6
5	☐			211.12		P	26.3
6	☐			455.59		P	9.2
7	☐			725.05		P	4.1
8	☐			1294.57		P	2.1

156 Dy [He] No available calibration points

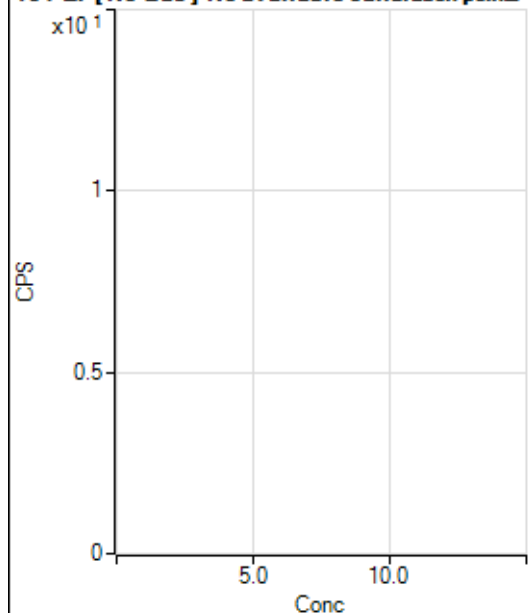
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			20.00		P	44.1
2	☐			23.34		P	24.7
3	☐			47.78		P	52.4
4	☐			86.67		P	17.6
5	☐			178.89		P	15.6
6	☐			348.90		P	15.4
7	☐			574.47		P	10.6
8	☐			637.81		P	5.6

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

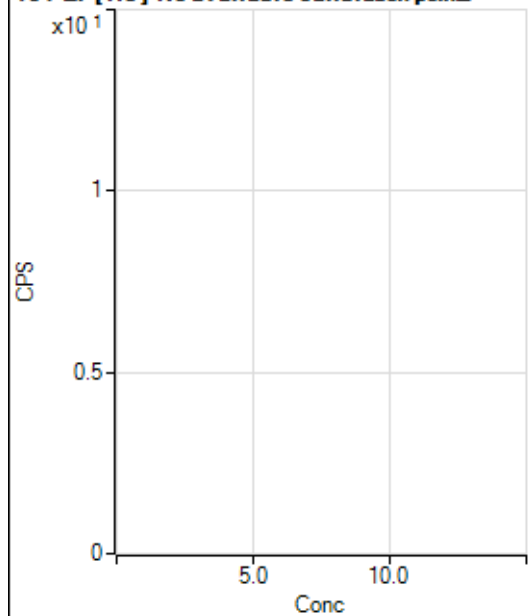
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			272.23		P	14.1
2	☐			283.35		P	5.9
3	☐			255.57		P	32.7
4	☐			244.46		P	16.8
5	☐			333.35		P	22.2
6	☐			552.81		P	2.3
7	☐			630.60		P	18.3
8	☐			1552.94		P	6.4

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			691.14		P	12.8
2	☐			707.81		P	7.7
3	☐			705.59		P	10.6
4	☐			670.03		P	9.8
5	☐			702.26		P	14.8
6	☐			742.26		P	4.8
7	☐			870.04		P	9.2
8	☐			1322.31		P	4.8

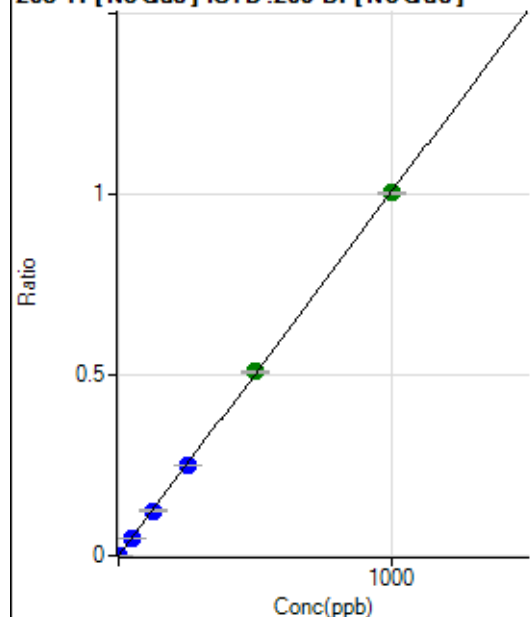
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			138.90		P	22.7
2	☐			155.57		P	25.3
3	☐			180.57		P	25.4
4	☐			152.78		P	6.3
5	☐			202.79		P	2.4
6	☐			236.13		P	26.5
7	☐			225.01		P	17.0
8	☐			280.57		P	32.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			67.78		P	25.2
2	☐			71.11		P	19.5
3	☐			62.22		P	21.7
4	☐			92.23		P	5.5
5	☐			70.00		P	12.6
6	☐			103.34		P	3.2
7	☐			92.23		P	40.6
8	☐			127.78		P	9.9

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	130.56	0.0000	P	31.0
2	☐	1.000	0.889	15887.89	0.0009	P	0.6
3	☐	50.000	48.548	862817.11	0.0489	P	1.4
4	☐	125.000	124.076	2207748.83	0.1249	P	0.8
5	☐	250.000	248.858	4427761.17	0.2506	P	0.1
6	☐	500.000	506.571	8881900.63	0.5100	A	1.0
7	☐	1000.000	997.188	16936909.75	1.0040	A	0.6
8	☐			1419.58	0.0001	P	17.2

$$y = 0.0010 * x + 7.3186E-006$$

$$R = 1.0000$$

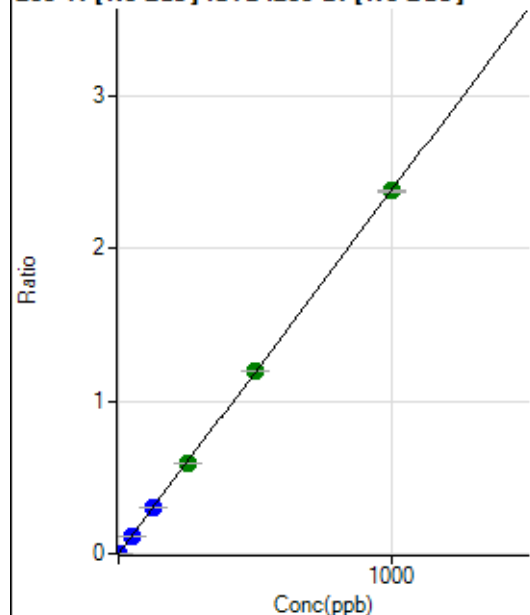
$$DL = 0.00676$$

$$BEC = 0.007269$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	330.58	0.0000	P	8.6
2	☐	1.000	0.906	38322.96	0.0022	P	0.3
3	☐	50.000	48.995	2058923.61	0.1167	P	2.0
4	☐	125.000	125.931	5298520.30	0.2998	P	0.1
5	☐	250.000	249.282	10487801.37	0.5935	A	0.9
6	☐	500.000	502.865	20848812.27	1.1972	A	0.8
7	☐	1000.000	998.681	40109419.65	2.3777	A	0.6
8	☐			3331.13	0.0003	P	17.4

$$y = 0.0024 * x + 1.8512E-005$$

$$R = 1.0000$$

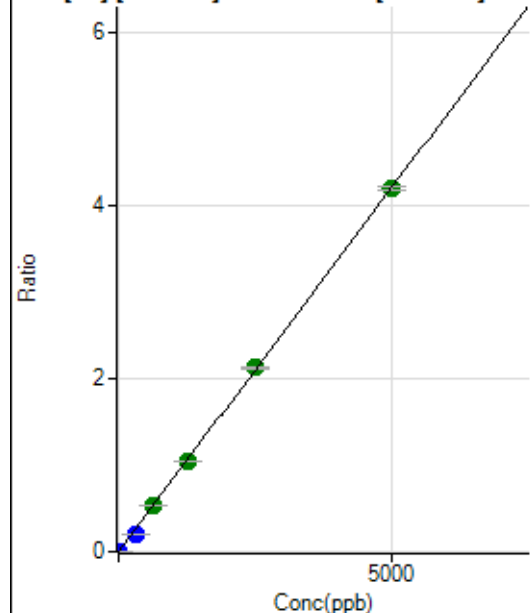
$$DL = 0.002012$$

$$BEC = 0.007776$$

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	674.11	0.0000	P	11.7
2	☐	1.000	0.902	14035.60	0.0008	P	3.7
3	☐	312.500	247.857	3684228.35	0.2088	P	1.7
4	☐	625.000	624.477	9293190.83	0.5259	A	0.5
5	☐	1250.000	1250.319	18605457.59	1.0529	A	0.4
6	☐	2500.000	2533.591	37152687.87	2.1335	A	0.8
7	☐	5000.000	4987.230	70842093.71	4.1996	A	1.2
8	☐			22100.38	0.0017	P	7.3

$$y = 8.4207E-004 * x + 3.7757E-005$$

$$R = 0.9999$$

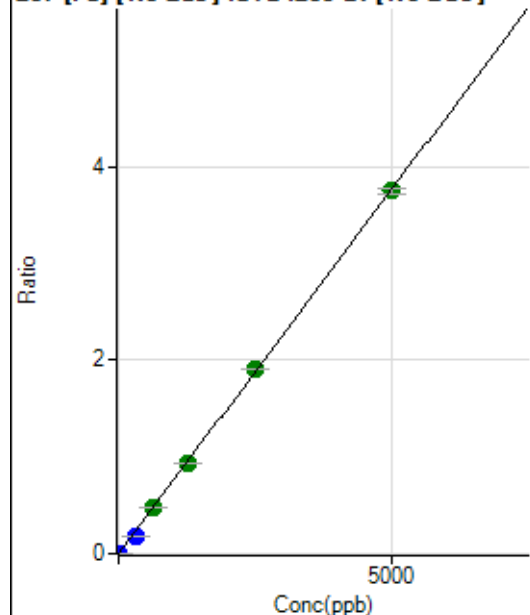
$$DL = 0.01571$$

$$BEC = 0.04484$$

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	592.62	0.0000	P	6.2
2	☐	1.000	0.847	11811.16	0.0007	P	1.7
3	☐	312.500	243.357	3233196.48	0.1832	P	0.9
4	☐	625.000	626.673	8334844.34	0.4717	A	0.6
5	☐	1250.000	1248.028	16597637.52	0.9393	A	0.5
6	☐	2500.000	2542.636	33322869.27	1.9136	A	0.4
7	☐	5000.000	4983.287	63263049.56	3.7504	A	1.3
8	☐			18895.38	0.0015	P	6.8

$$y = 7.5258E-004 * x + 3.3180E-005$$

$$R = 0.9998$$

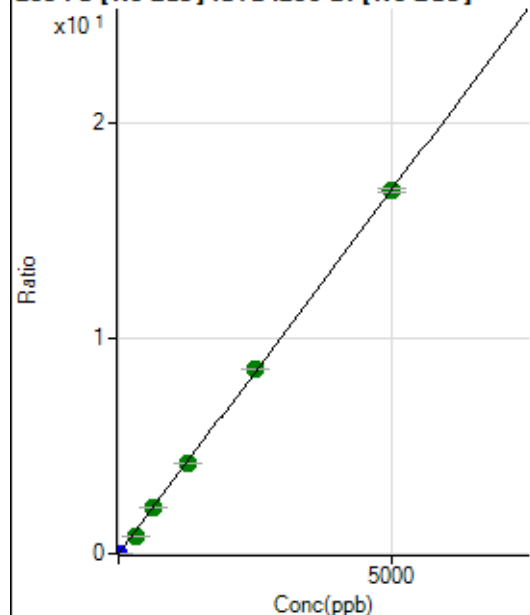
$$DL = 0.008167$$

$$BEC = 0.04409$$

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	2815.02	0.0002	P	7.4
2	☐	1.000	0.870	54481.79	0.0031	P	1.9
3	☐	312.500	245.119	14596652.03	0.8269	A	0.4
4	☐	625.000	624.079	37201335.38	2.1052	A	0.2
5	☐	1250.000	1246.733	74312392.28	4.2054	A	0.4
6	☐	2500.000	2529.525	148580621.84	8.5323	A	0.3
7	☐	5000.000	4990.381	283948139.22	16.8328	A	1.0
8	☐			86176.97	0.0067	P	6.0

$$y = 0.0034 * x + 1.5763E-004$$

$$R = 0.9999$$

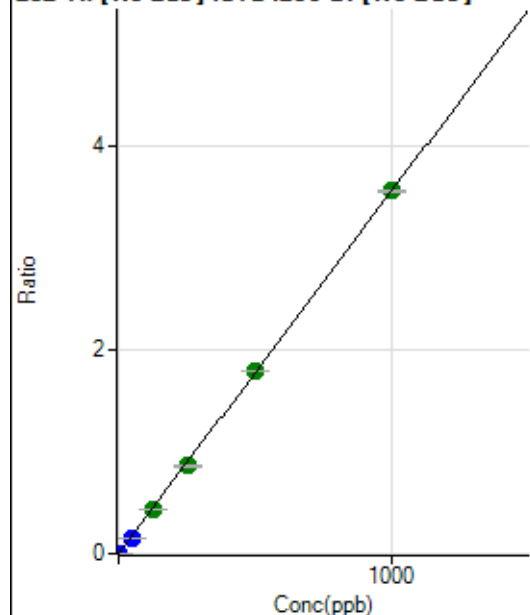
$$DL = 0.01037$$

$$BEC = 0.04673$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1468.65	0.0001	P	5.1
2	☐	1.000	-0.001	1387.15	0.0001	P	8.3
3	☐	50.000	44.489	2798421.36	0.1585	P	1.0
4	☐	125.000	120.266	7571565.10	0.4285	A	0.6
5	☐	250.000	242.788	15282573.83	0.8649	A	1.4
6	☐	500.000	503.479	31230866.67	1.7934	A	0.3
7	☐	1000.000	1000.932	60144131.90	3.5654	A	0.6
8	☐			13687.28	0.0011	P	3.0

$$y = 0.0036 * x + 8.2203E-005$$

$$R = 1.0000$$

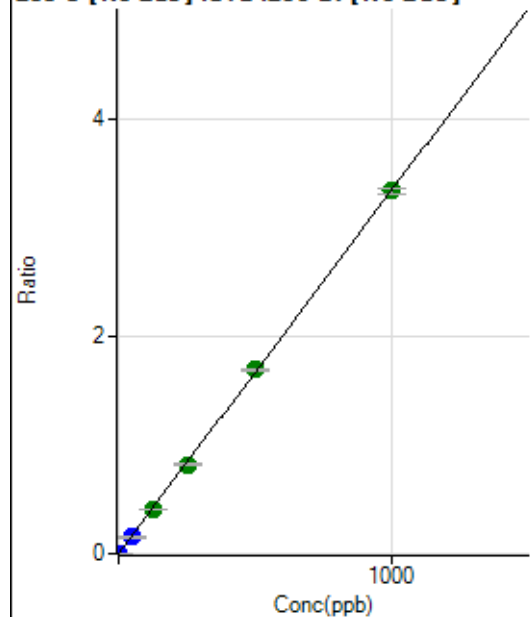
$$DL = 0.003515$$

$$BEC = 0.02308$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	122.23	0.0000	P	33.8
2	☐	1.000	0.800	47219.48	0.0027	P	1.6
3	☐	50.000	45.170	2664258.33	0.1509	P	1.0
4	☐	125.000	122.163	7213925.81	0.4082	A	0.1
5	☐	250.000	245.101	14472780.44	0.8190	A	1.3
6	☐	500.000	505.678	29425776.87	1.6898	A	0.4
7	☐	1000.000	998.982	56311847.79	3.3382	A	1.5
8	☐			7294.06	0.0006	P	7.5

$$y = 0.0033 * x + 6.8437E-006$$

$$R = 1.0000$$

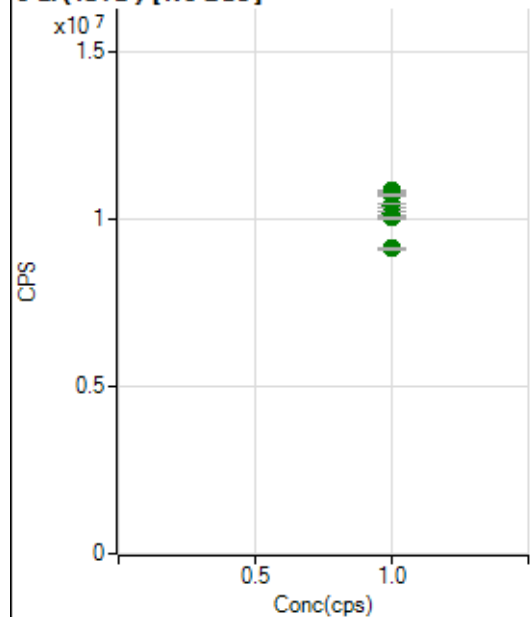
$$DL = 0.002078$$

$$BEC = 0.002048$$

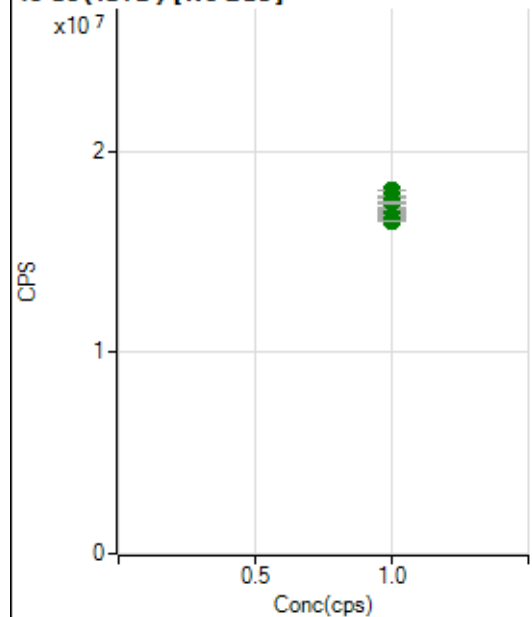
Weight: <None>

Min Conc: 0

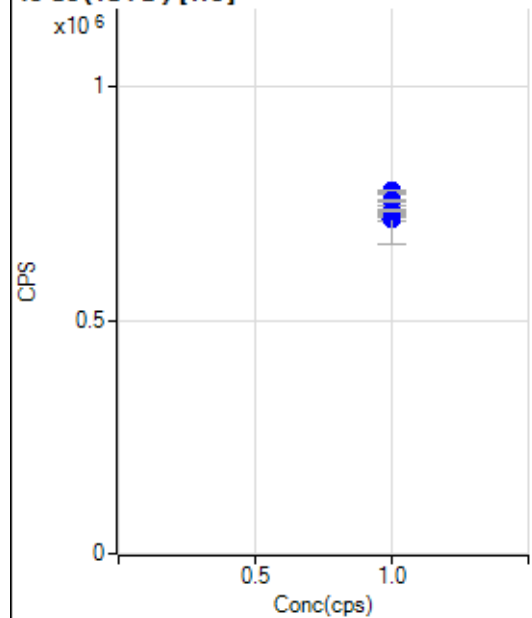
6 Li (ISTD) [No Gas]



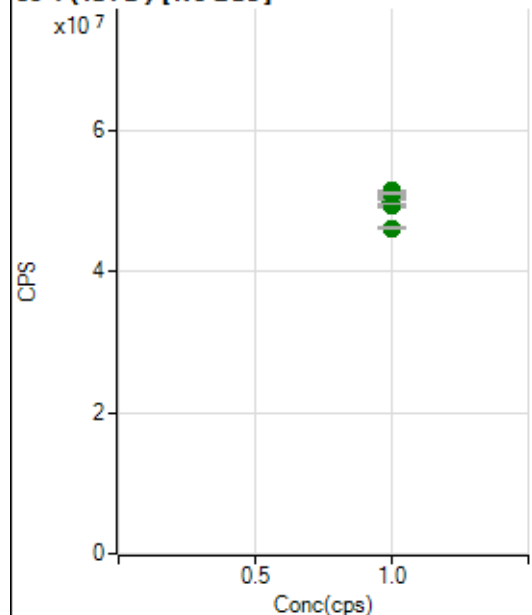
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10829272.76		A	0.7
2	☐	1.000		10721343.17		A	0.5
3	☐	1.000		10400101.30		A	1.0
4	☐	1.000		10172349.43		A	1.0
5	☐	1.000		10056157.35		A	0.5
6	☐	1.000		10064765.82		A	0.2
7	☐	1.000		10023097.70		A	0.2
8	☐	1.000		9112790.70		A	0.7

45 Sc (ISTD) [No Gas]

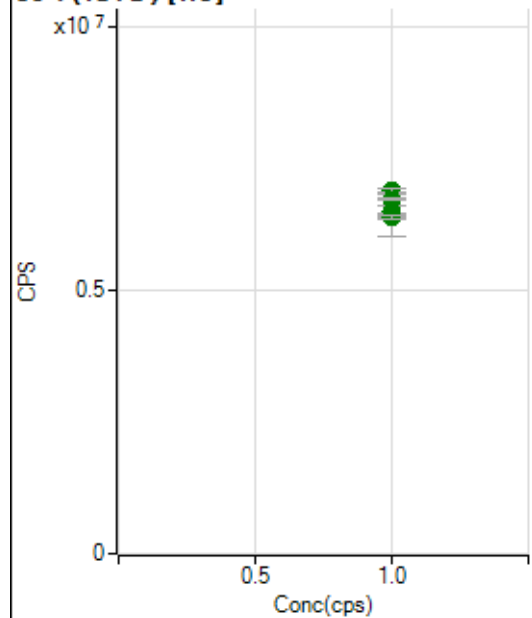
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		18052323.20		A	0.1
2	☐	1.000		17762295.15		A	0.6
3	☐	1.000		16950855.86		A	0.5
4	☐	1.000		16704127.11		A	0.8
5	☐	1.000		16889536.27		A	0.5
6	☐	1.000		17156587.80		A	0.6
7	☐	1.000		17483474.74		A	0.5
8	☐	1.000		16536918.78		A	0.3

45 Sc (ISTD) [He]

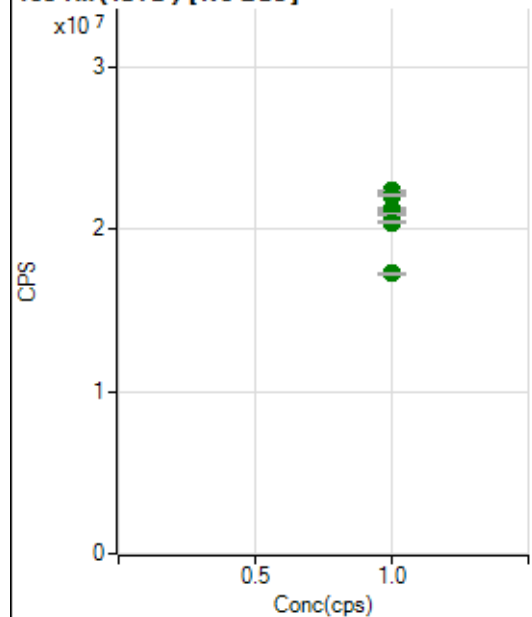
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		776504.79		P	0.2
2	☐	1.000		774718.64		P	0.4
3	☐	1.000		725760.97		P	0.5
4	☐	1.000		716538.76		P	1.1
5	☐	1.000		715796.47		P	15.0
6	☐	1.000		757304.03		P	3.0
7	☐	1.000		756953.60		P	0.5
8	☐	1.000		734388.37		P	0.9

89 Y (ISTD) [No Gas]

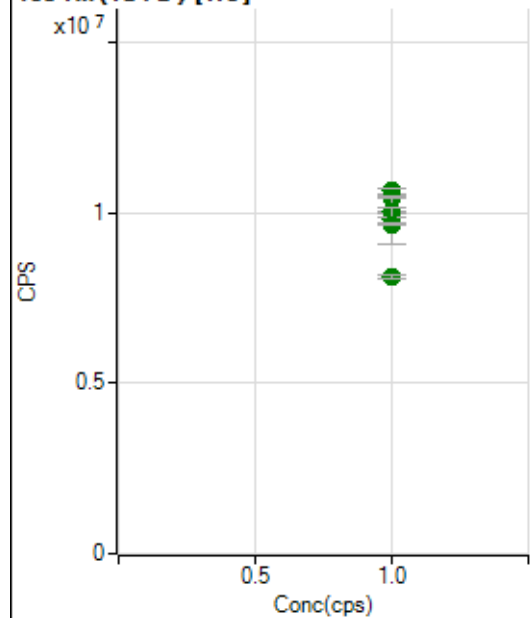
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		51407557.01		A	0.5
2	☐	1.000		50623425.36		A	0.5
3	☐	1.000		49275691.49		A	0.7
4	☐	1.000		49475308.71		A	0.9
5	☐	1.000		49869321.48		A	1.1
6	☐	1.000		50899862.02		A	0.0
7	☐	1.000		51006203.69		A	0.6
8	☐	1.000		46131159.31		A	0.3

89 Y (ISTD) [He]

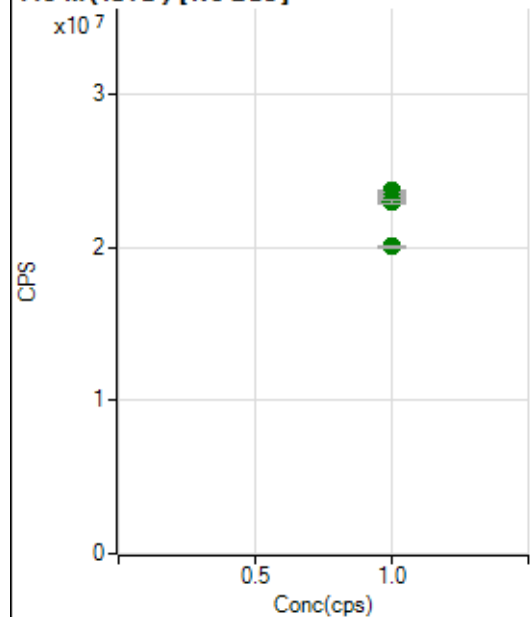
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6885360.52		A	1.1
2	☐	1.000		6754313.86		A	0.4
3	☐	1.000		6425991.99		A	0.8
4	☐	1.000		6456386.50		A	0.6
5	☐	1.000		6485073.30		A	13.8
6	☐	1.000		6710868.44		A	2.9
7	☐	1.000		6721413.37		A	0.5
8	☐	1.000		6394839.63		A	1.3

103 Rh (ISTD) [No Gas]

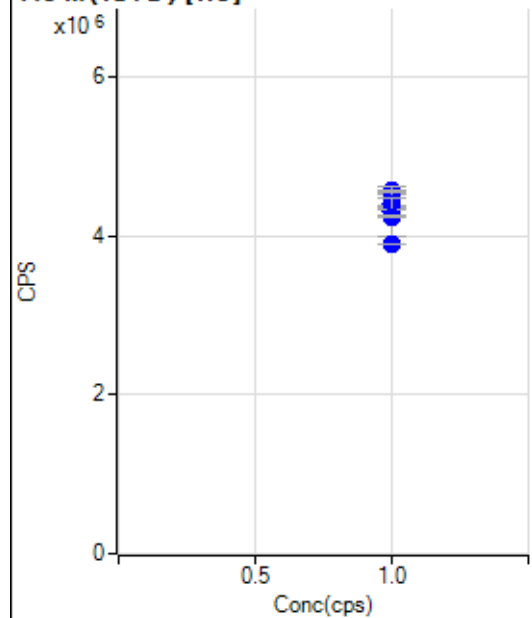
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		22362224.11		A	0.4
2	☐	1.000		22090181.34		A	0.3
3	☐	1.000		21266758.99		A	0.4
4	☐	1.000		21070944.27		A	0.7
5	☐	1.000		20995124.96		A	0.8
6	☐	1.000		20928022.19		A	0.6
7	☐	1.000		20445411.22		A	0.2
8	☐	1.000		17252140.99		A	0.4

103 Rh (ISTD) [He]

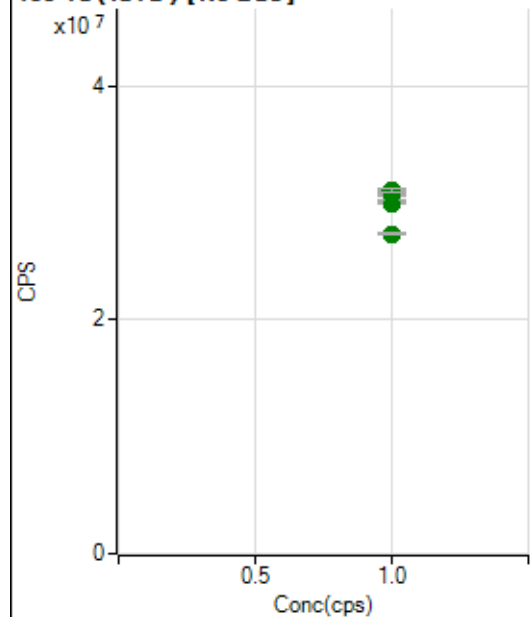
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10640432.27		A	1.3
2	☐	1.000		10457567.07		A	0.3
3	☐	1.000		10030801.03		A	0.6
4	☐	1.000		9974902.63		A	0.3
5	☐	1.000		9788400.69		A	14.7
6	☐	1.000		10032564.43		A	2.8
7	☐	1.000		9657548.88		A	0.6
8	☐	1.000		8118122.10		A	1.1

115 In (ISTD) [No Gas]

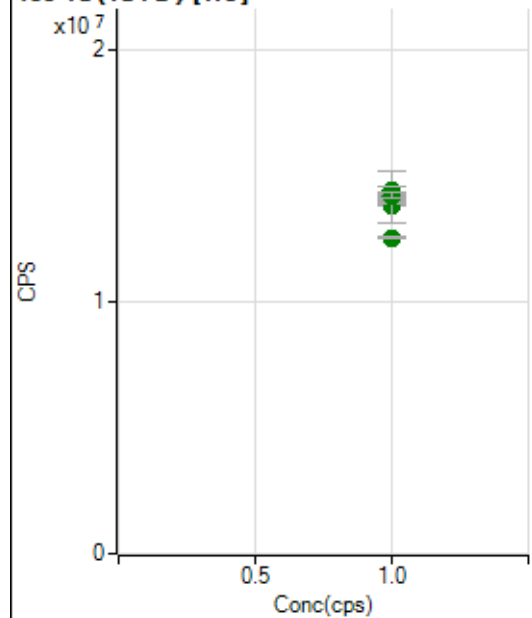
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		23724668.35		A	0.2
2	☐	1.000		23583157.74		A	1.0
3	☐	1.000		23044282.63		A	0.5
4	☐	1.000		23014325.57		A	0.3
5	☐	1.000		23137006.70		A	0.3
6	☐	1.000		23266214.03		A	0.5
7	☐	1.000		23057379.22		A	1.0
8	☐	1.000		20067640.81		A	0.6

115 In (ISTD) [He]

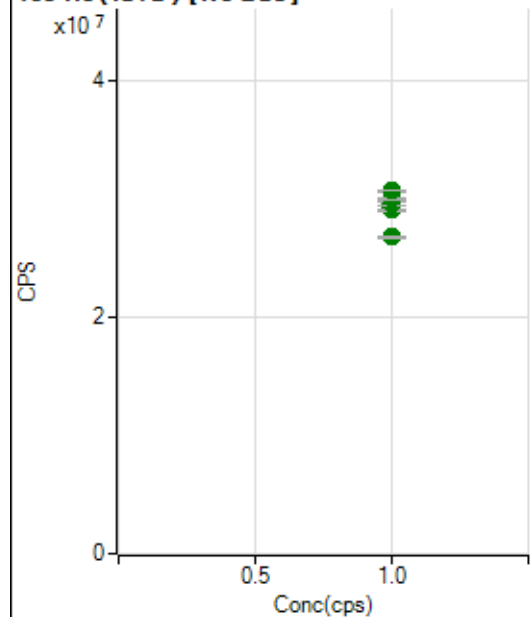
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4552037.04		P	0.7
2	☐	1.000		4566503.20		P	0.2
3	☐	1.000		4368901.40		P	0.5
4	☐	1.000		4357973.54		P	0.3
5	☐	1.000		4303779.29		P	14.6
6	☐	1.000		4408781.53		P	3.0
7	☐	1.000		4245825.98		P	1.0
8	☐	1.000		3897176.44		P	0.6

159 Tb (ISTD) [No Gas]

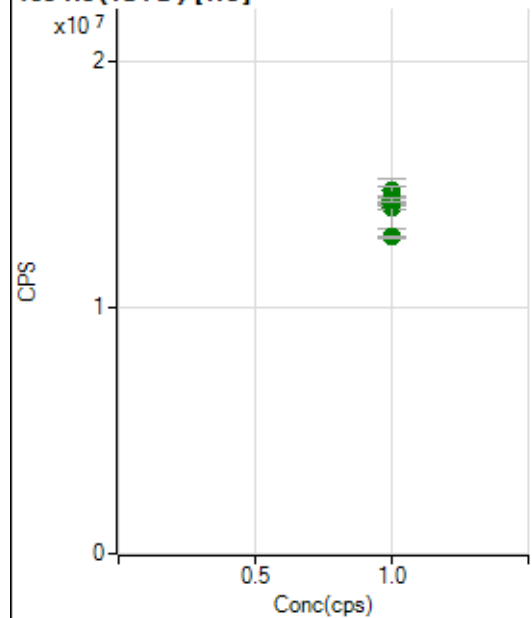
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		30105510.11		A	0.8
2	☐	1.000		29976493.72		A	0.7
3	☐	1.000		30041993.72		A	0.5
4	☐	1.000		30299681.21		A	0.3
5	☐	1.000		30714615.93		A	0.8
6	☐	1.000		31009300.93		A	0.4
7	☐	1.000		31037065.09		A	0.9
8	☐	1.000		27336591.81		A	0.4

159 Tb (ISTD) [He]

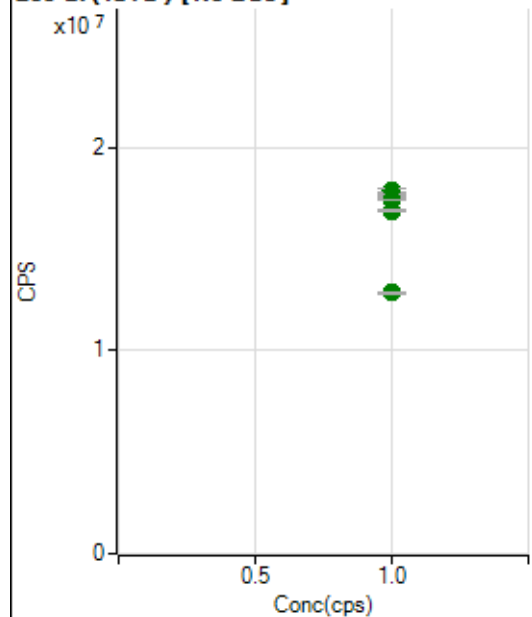
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		14211878.68		A	1.1
2	☐	1.000		14002285.48		A	0.8
3	☐	1.000		13847704.66		A	0.9
4	☐	1.000		13912000.90		A	0.3
5	☐	1.000		14165138.68		A	14.5
6	☐	1.000		14399321.87		A	2.5
7	☐	1.000		14221902.84		A	1.4
8	☐	1.000		12550375.92		A	0.8

165 Ho (ISTD) [No Gas]

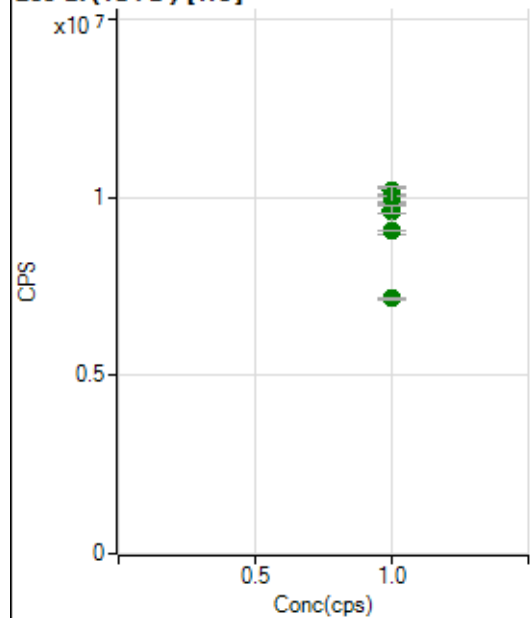
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		29232504.56		A	0.7
2	☐	1.000		29095844.84		A	0.4
3	☐	1.000		29024537.62		A	0.4
4	☐	1.000		29607590.11		A	1.1
5	☐	1.000		30002862.61		A	0.5
6	☐	1.000		30626710.93		A	1.0
7	☐	1.000		30646040.38		A	0.1
8	☐	1.000		26723791.27		A	0.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14309381.45		A	1.6
2	☐	1.000		14198355.90		A	0.6
3	☐	1.000		14080436.46		A	1.3
4	☐	1.000		14198970.76		A	0.8
5	☐	1.000		14200704.79		A	14.7
6	☐	1.000		14732831.87		A	2.4
7	☐	1.000		14377038.67		A	0.7
8	☐	1.000		12867234.95		A	0.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		17866652.37		A	0.9
2	☐	1.000		17613842.51		A	1.3
3	☐	1.000		17651980.01		A	1.8
4	☐	1.000		17671310.15		A	0.2
5	☐	1.000		17670851.96		A	0.4
6	☐	1.000		17413875.71		A	0.1
7	☐	1.000		16869467.39		A	0.7
8	☐	1.000		12833317.59		A	0.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10195201.79		A	1.5
2	☐	1.000		10059318.39		A	0.4
3	☐	1.000		9831340.83		A	0.7
4	☐	1.000		9811318.74		A	0.7
5	☐	1.000		9639917.36		A	14.2
6	☐	1.000		9672532.15		A	2.5
7	☐	1.000		9075648.54		A	0.4
8	☐	1.000		7166541.70		A	0.4

US EPA Tune Check Sample Report

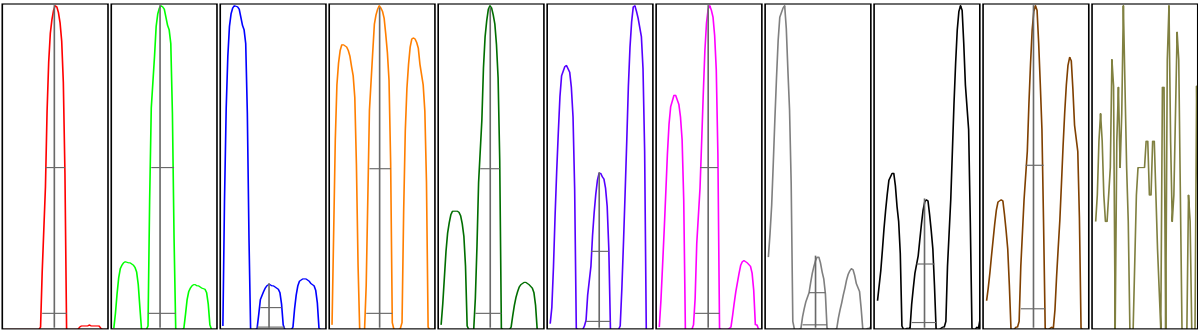
Batch Folder D:\ICP-MS Data\1\DATA\P7090320A.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	20806	0.55	5.00	
24	333434	0.71	5.00	
25	44431	0.69	5.00	
26	50113	0.49	5.00	
59	118783	0.32	5.00	
113	19315	0.28	5.00	
115	55589	1.41	5.00	
206	23129	0.59	5.00	
207	19336	0.30	5.00	
208	47545	0.64	5.00	
220	0	28.08		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	20653	20736	20811	20894	20935
24	331932	330363	333830	334520	336525
25	44255	43981	44552	44691	44674
26	49939	49814	50452	50162	50200
59	118833	118206	118983	119216	118679
113	19387	19314	19341	19286	19246
115	56815	55898	55265	55008	54958
206	23002	23182	22969	23209	23283
207	19276	19270	19379	19367	19386
208	47123	47810	47422	47511	47862
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	37150	9.00	8.9 - 9.1		0.732	0.900	
24	527330	23.90	23.9 - 24.1		0.786	0.900	
25	72547	24.90	24.9 - 25.1		0.768	0.900	
26	82013	25.95	25.9 - 26.1		0.779	0.900	
59	207384	59.00	58.9 - 59.1		0.769	0.900	
113	37591	113.00	112.9 - 113.1		0.709	0.900	
115	107933	115.00	114.9 - 115.1		0.723	0.900	
206	47860	205.95	205.9 - 206.1		0.733	0.900	
207	39663	206.95	206.9 - 207.1		0.730	0.900	
208	99062	207.95	207.9 - 208.1		0.730	0.900	
220			-				

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	9.9	V	Deflect	13.0	V
Extract 2	-140.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-70	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	170	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	27797	0.24	
89	19780	0.62	
205	55284	0.49	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	27782	27887	27757	27836	27721
89	19810	19846	19886	19787	19572
205	55731	55305	55241	55092	55052

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	10.0	V	Deflect	0.8	V
Extract 2	-140.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-75	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 :	LB110850	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 15:26:12	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.29	-0.07	-0.22	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.01	0.00	N/A	ppb
Arsenic	75-2	0.01	-0.01	-0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	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	11-1	0.05	-0.04	-0.01	0.00	N/A	ppb
Boron	10-1	0.03	-0.05	0.02	0.00	N/A	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	-0.69	0.52	0.17	0.00	N/A	ppb
Cadmium	108-1	-0.05	0.04	0.01	0.00	N/A	ppb
Cadmium	111-1	-0.05	0.04	0.01	0.00	N/A	ppb
Calcium	43-1	-0.35	-0.12	0.47	0.00	N/A	ppb
Calcium	44-1	0.17	-0.31	0.14	0.00	N/A	ppb
Chromium	52-2	0.02	-0.02	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.03	-0.01	-0.02	0.00	N/A	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						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	-0.08	0.09	0.00	N/A	ppb
Iron	57-2	-0.13	-0.27	0.40	0.00	N/A	ppb
Iron	54-2	-0.48	0.25	0.23	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 15:26:12	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.03	-0.02	0.05	0.00	N/A	ppb
Manganese	55-2	0.00	0.00	0.01	0.00	N/A	ppb
Molybdenum	94-1	-0.02	0.00	0.02	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	-0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.00	0.02	0.00	N/A	ppb
Phosphorus	31-2	-6.72	5.89	-1.15	-0.66		ppb
Potassium	39-2	-1.17	1.22	-0.06	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.03	-0.08	0.05	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.09	0.08	0.02	0.00	N/A	ppb
Silicon	28-1	0.14	-0.24	0.10	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.08	0.05	0.03	0.00	N/A	ppb
Strontium	86-1	0.01	0.01	-0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	6.94	5.59	-14.00	-0.49		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	0.01	0.00	N/A	ppb
Titanium	47-1	-0.01	0.01	0.00	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 15:26:12	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.01	0.07	-0.06	0.00	N/A	ppb
Zirconium	91-1	-0.01	0.00	0.01	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	N/A	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 15:29:49	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.93	15.88	12.92	14.91	11.56	ppb
Antimony	121-1	1.85	1.88	1.84	1.85	1.13	ppb
Arsenic	75-2	0.83	0.74	0.78	0.78	5.20	ppb
Barium	135-1	9.58	9.56	9.68	9.61	0.64	ppb
Barium	137-1	9.51	9.59	9.90	9.67	2.14	ppb
Beryllium	9-1	1.04	0.98	0.98	1.00	3.33	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	11-1	23.84	23.54	23.72	23.70	0.65	ppb
Boron	10-1	24.17	23.41	23.62	23.73	1.64	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	0.48	-0.13	-0.21	0.05	817.24	ppb
Cadmium	108-1	0.95	1.11	1.01	1.02	7.85	ppb
Cadmium	111-1	0.97	0.95	0.92	0.95	2.31	ppb
Calcium	43-1	467.36	469.99	479.54	472.30	1.36	ppb
Calcium	44-1	473.10	482.30	475.07	476.82	1.02	ppb
Chromium	52-2	1.57	1.50	1.39	1.48	6.27	ppb
Cobalt	59-2	0.84	0.74	0.70	0.76	9.39	ppb
Copper	63-2	1.65	1.55	1.42	1.54	7.58	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	42.55	39.80	36.05	39.47	8.27	ppb
Iron	57-2	44.34	40.00	36.98	40.44	9.14	ppb
Iron	54-2	50.41	45.05	40.63	45.36	10.79	ppb
Krypton	83-1						cps
Lead	206-1	0.86	0.91	0.93	0.90	3.91	ppb
Lead	207-1	0.85	0.86	0.83	0.85	1.78	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 15:29:49	DataFile Name :	004CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.85	0.88	0.88	0.87	1.99	ppb
Lithium	6-1				99		%
Magnesium	24-2	421.11	400.01	365.49	395.54	7.10	ppb
Manganese	55-2	0.82	0.80	0.71	0.78	7.18	ppb
Molybdenum	94-1	4.70	4.58	4.48	4.59	2.39	ppb
Molybdenum	95-1	4.80	4.73	4.71	4.75	0.94	ppb
Molybdenum	96-1	4.69	4.70	4.67	4.68	0.34	ppb
Molybdenum	97-1	4.70	4.56	4.84	4.70	3.02	ppb
Molybdenum	98-1	4.78	4.63	4.75	4.72	1.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.90	0.80	0.78	0.83	8.10	ppb
Phosphorus	31-2	6.51	-4.70	0.17	0.66	850.42	ppb
Potassium	39-2	417.55	397.27	373.53	396.12	5.56	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	82-1	5.29	5.21	4.72	5.07	6.13	ppb
Selenium	77-2	4.32	3.88	2.67	3.63	23.56	ppb
Selenium	78-2	4.40	3.89	3.59	3.96	10.42	ppb
Silicon	28-1	11.50	12.32	11.88	11.90	3.45	ppb
Silver	107-1	1.06	1.03	1.02	1.04	2.19	ppb
Silver	109-1	1.00	1.05	1.01	1.02	2.53	ppb
Sodium	23-2	427.51	402.60	377.34	402.49	6.23	ppb
Strontium	86-1	0.89	0.97	0.93	0.93	4.21	ppb
Strontium	88-1	0.94	0.95	0.94	0.95	0.48	ppb
Sulfur	34-1	-47.94	11.40	38.00	0.49	8990.88	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.88	0.89	0.89	0.89	0.58	ppb
Thallium	205-1	0.91	0.91	0.90	0.91	0.28	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	4.91	4.67	4.75	4.78	2.51	ppb
Titanium	47-1	4.64	4.75	4.52	4.64	2.48	ppb
Uranium	238-1	0.79	0.80	0.81	0.80	1.57	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 15:29:49	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.00	3.55	3.44	3.66	8.19	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	2.59	2.70	2.91	2.73	6.01	ppb
Zirconium	91-1	0.86	0.86	0.84	0.85	1.53	ppb
Zirconium	90-1	0.87	0.84	0.86	0.86	1.86	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 15:35:07	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1007.18	1008.76	1002.88	1006.28	0.30	ppb
Antimony	121-1	50.59	50.52	50.27	50.46	0.33	ppb
Arsenic	75-2	52.26	52.11	50.48	51.61	1.92	ppb
Barium	135-1	253.43	256.54	256.13	255.37	0.66	ppb
Barium	137-1	253.21	254.65	253.01	253.63	0.35	ppb
Beryllium	9-1	52.99	52.64	52.31	52.65	0.64	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	11-1	50.51	50.65	50.98	50.72	0.47	ppb
Boron	10-1	49.86	50.98	51.38	50.74	1.55	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	50.01	51.79	49.54	50.45	2.35	ppb
Cadmium	108-1	51.71	51.30	49.96	50.99	1.80	ppb
Cadmium	111-1	51.52	51.91	51.12	51.52	0.76	ppb
Calcium	43-1	5229.45	5195.71	5111.66	5178.94	1.17	ppb
Calcium	44-1	5126.03	5102.98	5106.79	5111.93	0.24	ppb
Chromium	52-2	51.71	51.92	51.77	51.80	0.21	ppb
Cobalt	59-2	52.82	52.91	53.04	52.92	0.21	ppb
Copper	63-2	534.84	535.95	533.60	534.80	0.22	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	2739.56	2764.95	2714.53	2739.68	0.92	ppb
Iron	57-2	2773.00	2797.55	2756.92	2775.82	0.74	ppb
Iron	54-2	3135.68	3131.52	3115.24	3127.48	0.35	ppb
Krypton	83-1						cps
Lead	206-1	245.99	252.56	245.02	247.86	1.66	ppb
Lead	207-1	241.99	245.92	242.16	243.36	0.91	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 15:35:07	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	244.43	246.39	244.54	245.12	0.45	ppb
Lithium	6-1				96		%
Magnesium	24-2	5522.40	5593.35	5531.53	5549.09	0.70	ppb
Manganese	55-2	518.77	519.02	515.63	517.81	0.36	ppb
Molybdenum	94-1	252.68	250.39	249.34	250.80	0.68	ppb
Molybdenum	95-1	252.23	250.10	250.73	251.02	0.44	ppb
Molybdenum	96-1	251.11	250.13	248.69	249.98	0.49	ppb
Molybdenum	97-1	251.32	249.39	247.78	249.50	0.71	ppb
Molybdenum	98-1	253.86	252.03	253.23	253.04	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.74	54.68	54.85	54.75	0.16	ppb
Phosphorus	31-2	1041.27	1018.54	1037.23	1032.35	1.17	ppb
Potassium	39-2	2520.11	2527.37	2531.00	2526.16	0.22	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	52.02	51.79	52.76	52.19	0.97	ppb
Selenium	77-2	49.60	50.87	46.89	49.12	4.14	ppb
Selenium	78-2	53.04	49.76	51.84	51.55	3.22	ppb
Silicon	28-1	66.81	65.33	65.03	65.72	1.45	ppb
Silver	107-1	53.67	53.88	53.73	53.76	0.20	ppb
Silver	109-1	53.42	53.76	53.19	53.45	0.53	ppb
Sodium	23-2	5215.14	5244.44	5278.96	5246.18	0.61	ppb
Strontium	86-1	49.81	50.82	51.35	50.66	1.55	ppb
Strontium	88-1	50.70	50.72	51.07	50.83	0.42	ppb
Sulfur	34-1	1209.20	1052.57	1005.25	1089.01	9.80	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	48.54	49.23	47.88	48.55	1.40	ppb
Thallium	205-1	48.99	49.95	48.04	49.00	1.95	ppb
Thorium	232-1	44.27	45.01	44.18	44.49	1.02	ppb
Tin	118-1	50.90	51.12	50.82	50.95	0.31	ppb
Titanium	47-1	253.96	251.06	249.01	251.34	0.99	ppb
Uranium	238-1	44.94	45.67	44.90	45.17	0.97	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 15:35:07	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	50.45	50.94	50.43	50.61	0.57	ppb
Yttrium	89-1				96		%
Yttrium	89-2				93		%
Zinc	66-2	515.79	515.81	511.04	514.21	0.53	ppb
Zirconium	91-1	49.40	48.65	48.45	48.83	1.03	ppb
Zirconium	90-1	49.85	49.39	48.93	49.39	0.93	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 15:39:36	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2561.88	2545.45	2516.87	2541.40	0.90	ppb
Antimony	121-1	128.04	128.87	129.39	128.76	0.53	ppb
Arsenic	75-2	130.73	131.80	128.69	130.41	1.21	ppb
Barium	135-1	638.61	646.53	650.17	645.10	0.92	ppb
Barium	137-1	641.56	643.10	648.60	644.42	0.57	ppb
Beryllium	9-1	134.19	134.61	133.08	133.96	0.59	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	11-1	126.95	127.53	127.48	127.32	0.25	ppb
Boron	10-1	128.25	129.52	130.46	129.41	0.86	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	127.52	131.33	126.97	128.61	1.85	ppb
Cadmium	108-1	131.48	129.28	129.57	130.11	0.92	ppb
Cadmium	111-1	129.36	129.06	127.88	128.77	0.61	ppb
Calcium	43-1	13157.73	13231.78	13257.47	13215.66	0.39	ppb
Calcium	44-1	13001.16	13130.59	13051.49	13061.08	0.50	ppb
Chromium	52-2	132.92	132.37	129.11	131.47	1.56	ppb
Cobalt	59-2	135.56	135.29	130.86	133.90	1.97	ppb
Copper	63-2	1363.38	1347.83	1459.61	1390.27	4.36	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						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				97		%
Indium	115-2				96		%
Iron	56-2	7102.97	7063.94	6947.93	7038.28	1.15	ppb
Iron	57-2	7132.26	7095.66	6892.49	7040.14	1.83	ppb
Iron	54-2	8060.12	8044.85	7812.76	7972.57	1.74	ppb
Krypton	83-1						cps
Lead	206-1	621.86	627.73	623.84	624.48	0.48	ppb
Lead	207-1	625.30	623.91	630.81	626.67	0.58	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 15:39:36	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	625.03	624.10	623.10	624.08	0.15	ppb
Lithium	6-1				94		%
Magnesium	24-2	14178.81	14015.59	13863.07	14019.15	1.13	ppb
Manganese	55-2	1334.55	1322.71	1296.40	1317.89	1.48	ppb
Molybdenum	94-1	636.58	647.39	636.53	640.17	0.98	ppb
Molybdenum	95-1	631.23	642.01	641.65	638.30	0.96	ppb
Molybdenum	96-1	634.72	638.74	634.62	636.03	0.37	ppb
Molybdenum	97-1	638.27	639.01	633.87	637.05	0.44	ppb
Molybdenum	98-1	635.44	640.83	627.72	634.66	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	140.84	138.94	138.71	139.50	0.84	ppb
Phosphorus	31-2	2597.83	2530.99	2675.17	2601.33	2.77	ppb
Potassium	39-2	6446.77	6422.80	6414.32	6427.96	0.26	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				93		%
Scandium	45-2				92		%
Selenium	82-1	132.32	134.77	131.91	133.00	1.16	ppb
Selenium	77-2	133.42	140.26	140.27	137.98	2.86	ppb
Selenium	78-2	130.87	125.89	131.98	129.58	2.50	ppb
Silicon	28-1	152.54	154.98	153.28	153.60	0.82	ppb
Silver	107-1	136.33	136.88	137.19	136.80	0.32	ppb
Silver	109-1	136.30	136.12	135.74	136.05	0.21	ppb
Sodium	23-2	13500.46	13375.73	13130.51	13335.57	1.41	ppb
Strontium	86-1	127.46	128.55	127.03	127.68	0.61	ppb
Strontium	88-1	127.79	127.28	128.23	127.77	0.37	ppb
Sulfur	34-1	2415.62	2349.23	2214.38	2326.41	4.41	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	124.10	123.09	125.03	124.08	0.78	ppb
Thallium	205-1	125.86	125.90	126.03	125.93	0.07	ppb
Thorium	232-1	120.67	119.42	120.71	120.27	0.61	ppb
Tin	118-1	128.19	128.56	129.31	128.69	0.44	ppb
Titanium	47-1	634.86	641.68	639.71	638.75	0.55	ppb
Uranium	238-1	122.02	122.22	122.25	122.16	0.10	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 15:39:36	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	131.36	130.03	128.62	130.00	1.05	ppb
Yttrium	89-1				96		%
Yttrium	89-2				94		%
Zinc	66-2	1332.68	1328.19	1343.28	1334.72	0.58	ppb
Zirconium	91-1	125.48	127.18	126.23	126.30	0.68	ppb
Zirconium	90-1	126.82	127.74	127.37	127.31	0.37	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 15:43:19	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6145.93	4476.87	5023.41	5215.40	16.32	ppb
Antimony	121-1	255.71	256.63	252.27	254.87	0.90	ppb
Arsenic	75-2	308.44	232.44	257.39	266.09	14.56	ppb
Barium	135-1	1277.91	1287.68	1273.98	1279.86	0.55	ppb
Barium	137-1	1265.58	1282.67	1258.27	1268.84	0.99	ppb
Beryllium	9-1	262.93	264.81	261.38	263.04	0.65	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Boron	11-1	249.73	256.83	255.80	254.12	1.51	ppb
Boron	10-1	255.66	256.56	254.52	255.58	0.40	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	259.47	251.73	250.08	253.76	1.98	ppb
Cadmium	108-1	253.79	253.74	250.39	252.64	0.77	ppb
Cadmium	111-1	253.96	253.02	251.98	252.99	0.39	ppb
Calcium	43-1	26009.15	25961.41	26072.26	26014.27	0.21	ppb
Calcium	44-1	25803.28	25694.62	25803.28	25767.06	0.24	ppb
Chromium	52-2	317.21	230.55	259.73	269.16	16.38	ppb
Cobalt	59-2	322.40	233.64	262.63	272.89	16.59	ppb
Copper	63-2	3203.07	2324.66	2610.04	2712.59	16.52	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	17037.96	12361.09	13762.71	14387.25	16.68	ppb
Iron	57-2	16997.03	12402.78	13843.51	14414.44	16.30	ppb
Iron	54-2	19093.06	13979.02	15663.49	16245.19	16.04	ppb
Krypton	83-1						cps
Lead	206-1	1244.17	1254.09	1252.70	1250.32	0.43	ppb
Lead	207-1	1248.57	1241.82	1253.69	1248.03	0.48	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 15:43:19	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	1242.82	1245.08	1252.30	1246.73	0.40	ppb
Lithium	6-1				93		%
Magnesium	24-2	33673.81	24462.95	27366.82	28501.19	16.52	ppb
Manganese	55-2	3184.78	2324.07	2591.79	2700.21	16.31	ppb
Molybdenum	94-1	1279.54	1275.16	1260.36	1271.69	0.79	ppb
Molybdenum	95-1	1276.98	1277.58	1265.19	1273.25	0.55	ppb
Molybdenum	96-1	1273.67	1274.07	1257.07	1268.27	0.76	ppb
Molybdenum	97-1	1270.55	1271.08	1255.76	1265.80	0.69	ppb
Molybdenum	98-1	1281.38	1280.28	1258.53	1273.40	1.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	329.72	242.84	269.55	280.70	15.85	ppb
Phosphorus	31-2	6293.46	4591.02	5161.04	5348.51	16.20	ppb
Potassium	39-2	15381.30	11251.00	12561.69	13064.66	16.15	ppb
Rhodium	103-1				94		%
Rhodium	103-2				92		%
Scandium	45-1				94		%
Scandium	45-2				92		%
Selenium	82-1	263.83	264.98	261.36	263.39	0.70	ppb
Selenium	77-2	298.63	240.86	253.38	264.29	11.50	ppb
Selenium	78-2	314.76	238.61	263.06	272.14	14.29	ppb
Silicon	28-1	298.67	299.21	303.59	300.49	0.90	ppb
Silver	107-1	264.88	262.85	260.67	262.80	0.80	ppb
Silver	109-1	261.20	260.67	256.31	259.39	1.03	ppb
Sodium	23-2	32138.88	23575.11	26370.23	27361.40	15.96	ppb
Strontium	86-1	255.72	255.23	251.56	254.17	0.89	ppb
Strontium	88-1	255.74	254.23	252.83	254.27	0.57	ppb
Sulfur	34-1	4562.03	4532.77	4551.01	4548.60	0.32	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	248.71	249.03	248.83	248.86	0.06	ppb
Thallium	205-1	246.93	251.23	249.69	249.28	0.87	ppb
Thorium	232-1	239.84	241.86	246.66	242.79	1.44	ppb
Tin	118-1	258.07	255.45	251.86	255.13	1.22	ppb
Titanium	47-1	1263.91	1255.09	1274.15	1264.38	0.75	ppb
Uranium	238-1	241.33	246.67	247.30	245.10	1.34	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 15:43:19	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	313.81	227.69	255.77	265.76	16.53	ppb
Yttrium	89-1				97		%
Yttrium	89-2				94		%
Zinc	66-2	3145.82	2286.75	2560.12	2664.23	16.47	ppb
Zirconium	91-1	253.38	252.49	250.99	252.28	0.48	ppb
Zirconium	90-1	255.48	256.29	252.77	254.85	0.72	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 15:46:54	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10016.21	9725.22	9487.75	9743.06	2.72	ppb
Antimony	121-1	517.18	515.69	514.92	515.93	0.22	ppb
Arsenic	75-2	521.99	523.59	493.46	513.01	3.31	ppb
Barium	135-1	2537.75	2549.71	2544.32	2543.92	0.24	ppb
Barium	137-1	2538.37	2563.67	2550.15	2550.73	0.50	ppb
Beryllium	9-1	518.59	520.87	522.47	520.64	0.37	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	11-1	501.33	511.77	513.69	508.93	1.31	ppb
Boron	10-1	510.80	512.12	520.61	514.51	1.03	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	493.63	501.56	500.39	498.53	0.86	ppb
Cadmium	108-1	501.82	497.96	493.66	497.82	0.82	ppb
Cadmium	111-1	499.81	499.97	496.22	498.66	0.43	ppb
Calcium	43-1	52767.28	52232.28	51900.87	52300.14	0.84	ppb
Calcium	44-1	52112.41	51539.84	51589.84	51747.36	0.61	ppb
Chromium	52-2	522.82	506.84	487.59	505.75	3.49	ppb
Cobalt	59-2	521.45	506.88	488.69	505.67	3.25	ppb
Copper	63-2	5194.48	4984.61	4817.12	4998.74	3.78	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	27850.27	27020.90	25819.11	26896.76	3.80	ppb
Iron	57-2	27755.96	26675.70	25923.88	26785.18	3.44	ppb
Iron	54-2	28335.64	27820.77	27006.44	27720.95	2.42	ppb
Krypton	83-1						cps
Lead	206-1	2528.54	2517.07	2555.17	2533.59	0.77	ppb
Lead	207-1	2530.76	2547.28	2549.86	2542.64	0.41	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 15:46:54	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	2524.25	2527.33	2536.99	2529.52	0.26	ppb
Lithium	6-1				93		%
Magnesium	24-2	54764.11	53082.28	51529.86	53125.42	3.04	ppb
Manganese	55-2	5230.33	5025.98	4927.63	5061.31	3.05	ppb
Molybdenum	94-1	2545.12	2559.81	2565.57	2556.83	0.41	ppb
Molybdenum	95-1	2535.48	2564.36	2541.47	2547.10	0.60	ppb
Molybdenum	96-1	2540.17	2554.81	2532.02	2542.33	0.45	ppb
Molybdenum	97-1	2531.02	2540.18	2545.48	2538.90	0.29	ppb
Molybdenum	98-1	2542.41	2553.75	2549.04	2548.40	0.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	535.28	517.50	499.60	517.46	3.45	ppb
Phosphorus	31-2	10427.03	10352.98	9790.84	10190.28	3.41	ppb
Potassium	39-2	25497.92	25242.81	24029.43	24923.39	3.15	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				95		%
Scandium	45-2				98		%
Selenium	82-1	519.54	517.76	516.29	517.86	0.31	ppb
Selenium	77-2	521.29	518.67	511.32	517.09	1.00	ppb
Selenium	78-2	532.59	520.64	496.26	516.50	3.58	ppb
Silicon	28-1	503.44	510.38	502.57	505.46	0.85	ppb
Silver	107-1	522.18	520.36	516.46	519.67	0.56	ppb
Silver	109-1	520.45	520.46	513.45	518.12	0.78	ppb
Sodium	23-2	53087.77	51735.62	50170.04	51664.48	2.83	ppb
Strontium	86-1	506.99	508.62	502.31	505.97	0.65	ppb
Strontium	88-1	508.97	510.79	507.10	508.96	0.36	ppb
Sulfur	34-1	9995.37	9950.80	9761.71	9902.63	1.25	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	505.80	502.17	511.73	506.57	0.95	ppb
Thallium	205-1	502.05	499.56	506.98	502.87	0.75	ppb
Thorium	232-1	503.77	504.76	501.91	503.48	0.29	ppb
Tin	118-1	512.99	514.78	507.48	511.75	0.74	ppb
Titanium	47-1	2562.31	2540.46	2555.09	2552.62	0.44	ppb
Uranium	238-1	503.42	507.09	506.52	505.68	0.39	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 15:46:54	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	521.43	507.67	486.47	505.19	3.49	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	5040.62	4903.72	4731.31	4891.88	3.17	ppb
Zirconium	91-1	497.45	502.10	505.27	501.61	0.78	ppb
Zirconium	90-1	510.63	510.48	511.72	510.94	0.13	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 15:50:26	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19086.79	19036.30	19068.46	19063.85	0.13	ppb
Antimony	121-1	983.72	1000.43	986.83	990.32	0.90	ppb
Arsenic	75-2	980.57	992.08	993.49	988.71	0.72	ppb
Barium	135-1	4952.30	5018.96	4932.12	4967.79	0.91	ppb
Barium	137-1	4923.79	5006.74	4971.42	4967.32	0.84	ppb
Beryllium	9-1	982.69	980.27	992.53	985.17	0.66	ppb
Bismuth	209-1				94		%
Bismuth	209-2				89		%
Boron	11-1	978.71	1005.38	998.54	994.21	1.39	ppb
Boron	10-1	979.13	1002.28	990.98	990.79	1.17	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	991.57	1009.76	996.64	999.32	0.94	ppb
Cadmium	108-1	988.41	1011.15	999.67	999.74	1.14	ppb
Cadmium	111-1	998.24	1003.81	996.07	999.37	0.40	ppb
Calcium	43-1	100549.00	101086.88	100852.02	100829.30	0.27	ppb
Calcium	44-1	100487.24	100296.53	100280.91	100354.89	0.11	ppb
Chromium	52-2	980.48	1005.72	988.12	991.44	1.31	ppb
Cobalt	59-2	995.37	984.17	991.01	990.18	0.57	ppb
Copper	63-2	9943.39	9979.50	9883.88	9935.59	0.49	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	56-2	52556.19	52670.94	52905.06	52710.73	0.34	ppb
Iron	57-2	52359.10	52644.10	52213.97	52405.72	0.42	ppb
Iron	54-2	53047.08	53614.92	53355.82	53339.27	0.53	ppb
Krypton	83-1						cps
Lead	206-1	4984.41	4929.59	5047.69	4987.23	1.19	ppb
Lead	207-1	5000.97	4912.82	5036.08	4983.29	1.27	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 15:50:26	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	5006.88	4934.96	5029.30	4990.38	0.99	ppb
Lithium	6-1				93		%
Magnesium	24-2	104389.99	105664.74	104665.38	104906.70	0.64	ppb
Manganese	55-2	9863.40	9952.47	9936.64	9917.50	0.48	ppb
Molybdenum	94-1	4940.94	4951.40	5000.34	4964.23	0.64	ppb
Molybdenum	95-1	4927.32	4930.08	5049.38	4968.92	1.40	ppb
Molybdenum	96-1	4901.10	4954.78	5062.79	4972.89	1.66	ppb
Molybdenum	97-1	4892.51	5006.43	5026.43	4975.12	1.45	ppb
Molybdenum	98-1	4940.37	4999.64	4965.76	4968.59	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	981.78	981.11	981.75	981.54	0.04	ppb
Phosphorus	31-2	19882.86	19621.26	19906.22	19803.45	0.80	ppb
Potassium	39-2	48798.40	49318.42	49049.40	49055.40	0.53	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	979.51	990.87	989.46	986.61	0.63	ppb
Selenium	77-2	992.03	976.19	990.71	986.31	0.89	ppb
Selenium	78-2	972.63	990.38	993.70	985.57	1.15	ppb
Silicon	28-1	973.89	986.88	980.03	980.27	0.66	ppb
Silver	107-1	977.88	997.73	980.30	985.30	1.10	ppb
Silver	109-1	983.39	992.19	985.53	987.04	0.46	ppb
Sodium	23-2	101733.50	102047.49	102257.53	102012.84	0.26	ppb
Strontium	86-1	999.87	991.74	995.20	995.60	0.41	ppb
Strontium	88-1	995.52	990.82	995.87	994.07	0.28	ppb
Sulfur	34-1	20199.48	20233.06	20103.81	20178.78	0.33	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	994.23	993.03	1004.30	997.19	0.62	ppb
Thallium	205-1	1001.63	992.04	1002.38	998.68	0.58	ppb
Thorium	232-1	1005.21	993.89	1003.69	1000.93	0.61	ppb
Tin	118-1	993.75	989.26	993.99	992.33	0.27	ppb
Titanium	47-1	4969.38	4995.26	4940.28	4968.31	0.55	ppb
Uranium	238-1	1015.64	985.33	995.98	998.98	1.54	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 15:50:26	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	993.11	995.19	990.14	992.82	0.26	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	10087.11	9941.80	9999.10	10009.34	0.73	ppb
Zirconium	91-1	998.68	993.56	1003.32	998.52	0.49	ppb
Zirconium	90-1	997.38	990.91	990.89	993.06	0.38	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 15:53:57	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100312.02	99673.37	100617.79	100201.06	0.48	ppb
Antimony	121-1	0.84	0.91	0.98	0.91	7.96	ppb
Arsenic	75-2	0.32	0.36	0.44	0.37	16.05	ppb
Barium	135-1	9.18	8.98	8.70	8.95	2.71	ppb
Barium	137-1	9.39	9.13	9.01	9.18	2.13	ppb
Beryllium	9-1	0.12	0.12	0.11	0.12	3.74	ppb
Bismuth	209-1				72		%
Bismuth	209-2				70		%
Boron	11-1	28.18	25.95	25.01	26.38	6.17	ppb
Boron	10-1	29.31	25.57	24.42	26.43	9.66	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	2.77	0.85	1.63	1.75	55.13	ppb
Cadmium	108-1	0.72	0.64	0.63	0.67	7.22	ppb
Cadmium	111-1	0.56	0.43	0.47	0.49	13.97	ppb
Calcium	43-1	504029.62	494834.00	499737.66	499533.76	0.92	ppb
Calcium	44-1	500465.75	501038.78	497597.91	499700.81	0.37	ppb
Chromium	52-2	1.22	1.28	1.25	1.25	2.57	ppb
Cobalt	59-2	1.88	1.81	1.87	1.85	1.94	ppb
Copper	63-2	1.81	1.74	1.77	1.78	1.99	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				90		%
Indium	115-1				85		%
Indium	115-2				86		%
Iron	56-2	250833.82	247200.25	249421.07	249151.71	0.74	ppb
Iron	57-2	249760.12	248852.69	249053.51	249222.11	0.19	ppb
Iron	54-2	251002.57	246903.42	248564.36	248823.45	0.83	ppb
Krypton	83-1						cps
Lead	206-1	2.16	1.99	1.86	2.00	7.47	ppb
Lead	207-1	2.06	1.87	1.80	1.91	6.98	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 15:53:57	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	2.07	1.94	1.83	1.94	6.19	ppb
Lithium	6-1				84		%
Magnesium	24-2	502438.93	494574.37	498449.78	498487.69	0.79	ppb
Manganese	55-2	7.27	7.12	7.09	7.16	1.38	ppb
Molybdenum	94-1	2.06	2.05	2.08	2.07	0.82	ppb
Molybdenum	95-1	2.28	2.39	2.38	2.35	2.67	ppb
Molybdenum	96-1	5.46	5.28	5.29	5.34	1.95	ppb
Molybdenum	97-1	1.96	1.93	1.90	1.93	1.36	ppb
Molybdenum	98-1	1.71	1.66	1.67	1.68	1.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.37	1.44	1.43	1.42	2.77	ppb
Phosphorus	31-2	23.74	12.88	6.64	14.42	60.02	ppb
Potassium	39-2	253461.10	247724.76	249305.68	250163.84	1.18	ppb
Rhodium	103-1				77		%
Rhodium	103-2				76		%
Scandium	45-1				92		%
Scandium	45-2				95		%
Selenium	82-1	0.84	0.90	0.49	0.74	29.22	ppb
Selenium	77-2	0.22	0.21	0.43	0.29	43.36	ppb
Selenium	78-2	0.39	0.04	0.76	0.40	91.38	ppb
Silicon	28-1	30.75	29.82	29.62	30.06	2.00	ppb
Silver	107-1	0.52	0.55	0.51	0.53	4.13	ppb
Silver	109-1	0.52	0.52	0.53	0.52	0.59	ppb
Sodium	23-2	505684.65	495056.11	497128.22	499289.66	1.13	ppb
Strontium	86-1	5.52	5.48	5.50	5.50	0.35	ppb
Strontium	88-1	5.62	5.47	5.55	5.55	1.40	ppb
Sulfur	34-1	-880.47	-863.04	-845.80	-863.10		ppb
Terbium	159-1				91		%
Terbium	159-2				88		%
Thallium	203-1	0.12	0.10	0.09	0.10	18.46	ppb
Thallium	205-1	0.12	0.09	0.10	0.10	18.74	ppb
Thorium	232-1	0.27	0.28	0.28	0.28	3.27	ppb
Tin	118-1	0.35	0.37	0.37	0.36	2.58	ppb
Titanium	47-1	1.01	0.98	0.98	0.99	1.62	ppb
Uranium	238-1	0.18	0.16	0.16	0.17	7.61	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 15:53:57	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.20	0.21	0.22	0.21	4.09	ppb
Yttrium	89-1				90		%
Yttrium	89-2				93		%
Zinc	66-2	10.45	10.51	10.50	10.49	0.29	ppb
Zirconium	91-1	0.31	0.29	0.36	0.32	11.17	ppb
Zirconium	90-1	0.33	0.33	0.34	0.34	1.74	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 16:15:03	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	489.76	490.60	481.86	487.41	0.99	ppb
Antimony	121-1	193.80	197.57	196.61	195.99	1.00	ppb
Arsenic	75-2	206.08	206.85	208.15	207.02	0.51	ppb
Barium	135-1	99.68	101.05	101.07	100.60	0.79	ppb
Barium	137-1	101.45	100.63	100.72	100.93	0.45	ppb
Beryllium	9-1	100.75	102.23	101.60	101.53	0.73	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	11-1	531.93	542.64	531.53	535.37	1.18	ppb
Boron	10-1	533.00	544.61	535.74	537.78	1.13	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	225.53	205.76	204.21	211.84	5.61	ppb
Cadmium	108-1	174.56	172.28	177.51	174.78	1.50	ppb
Cadmium	111-1	109.64	109.43	108.86	109.31	0.37	ppb
Calcium	43-1	2399.08	2395.71	2423.35	2406.05	0.63	ppb
Calcium	44-1	2188.76	2198.07	2196.05	2194.29	0.22	ppb
Chromium	52-2	100.25	100.67	99.64	100.19	0.52	ppb
Cobalt	59-2	103.18	102.99	102.54	102.90	0.32	ppb
Copper	63-2	107.29	107.50	107.22	107.33	0.14	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	2117.32	2117.30	2107.84	2114.16	0.26	ppb
Iron	57-2	2117.87	2136.55	2128.85	2127.76	0.44	ppb
Iron	54-2	2444.50	2434.79	2461.56	2446.95	0.55	ppb
Krypton	83-1						cps
Lead	206-1	198.43	193.94	192.61	194.99	1.56	ppb
Lead	207-1	182.64	176.81	176.60	178.68	1.92	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 16:15:03	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	190.64	186.75	186.09	187.83	1.31	ppb
Lithium	6-1				100		%
Magnesium	24-2	1220.87	1215.84	1213.14	1216.62	0.32	ppb
Manganese	55-2	100.67	100.25	99.84	100.25	0.41	ppb
Molybdenum	94-1	2479.96	2469.56	2498.19	2482.57	0.58	ppb
Molybdenum	95-1	2478.75	2472.65	2500.44	2483.95	0.59	ppb
Molybdenum	96-1	2477.36	2490.76	2511.35	2493.16	0.69	ppb
Molybdenum	97-1	2488.71	2498.77	2502.71	2496.73	0.29	ppb
Molybdenum	98-1	2484.88	2491.03	2555.07	2510.33	1.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	107.38	106.94	106.86	107.06	0.26	ppb
Phosphorus	31-2	-2.96	0.77	-1.62	-1.27		ppb
Potassium	39-2	1908.28	1904.91	1898.85	1904.02	0.25	ppb
Rhodium	103-1				106		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	207.62	203.74	209.32	206.89	1.38	ppb
Selenium	77-2	206.77	201.21	206.46	204.81	1.53	ppb
Selenium	78-2	210.69	209.51	212.38	210.86	0.68	ppb
Silicon	28-1	512.04	520.17	524.11	518.77	1.19	ppb
Silver	107-1	52.99	52.46	53.26	52.90	0.77	ppb
Silver	109-1	50.50	50.81	51.53	50.94	1.04	ppb
Sodium	23-2	1957.69	1942.21	1939.24	1946.38	0.51	ppb
Strontium	86-1	501.67	499.84	507.46	502.99	0.79	ppb
Strontium	88-1	507.42	508.18	512.43	509.35	0.53	ppb
Sulfur	34-1	-730.12	-653.54	-637.99	-673.88		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	195.33	194.84	191.12	193.77	1.19	ppb
Thallium	205-1	198.86	193.65	193.94	195.48	1.50	ppb
Thorium	232-1	4.17	4.15	4.15	4.16	0.24	ppb
Tin	118-1	525.73	538.34	523.90	529.32	1.49	ppb
Titanium	47-1	2514.22	2524.17	2549.33	2529.24	0.72	ppb
Uranium	238-1	468.07	463.25	467.41	466.24	0.56	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 16:15:03	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	103.65	103.20	101.93	102.93	0.87	ppb
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	197.90	199.11	195.95	197.65	0.81	ppb
Zirconium	91-1	480.63	479.62	483.32	481.19	0.40	ppb
Zirconium	90-1	493.43	492.26	497.65	494.45	0.57	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 16:31:19	DataFile Name :	012LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.60	19.09	20.99	19.89	4.94	ppb
Antimony	121-1	2.03	1.95	2.04	2.01	2.45	ppb
Arsenic	75-2	1.12	0.91	0.88	0.97	13.63	ppb
Barium	135-1	9.64	9.79	10.01	9.81	1.90	ppb
Barium	137-1	9.68	9.75	9.98	9.81	1.59	ppb
Beryllium	9-1	1.03	1.06	1.01	1.03	2.33	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	11-1	26.78	27.28	27.56	27.21	1.46	ppb
Boron	10-1	27.48	26.67	26.79	26.98	1.61	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	-0.21	-0.86	0.82	-0.08		ppb
Cadmium	108-1	0.85	1.07	0.96	0.96	11.24	ppb
Cadmium	111-1	0.90	0.78	0.94	0.88	9.50	ppb
Calcium	43-1	490.49	482.21	481.95	484.88	1.00	ppb
Calcium	44-1	480.82	485.64	488.93	485.13	0.84	ppb
Chromium	52-2	1.96	1.99	2.04	2.00	1.96	ppb
Cobalt	59-2	0.99	1.03	1.01	1.01	2.27	ppb
Copper	63-2	1.95	1.96	1.97	1.96	0.48	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	56-2	54.51	55.64	55.15	55.10	1.03	ppb
Iron	57-2	59.44	58.29	57.54	58.42	1.63	ppb
Iron	54-2	64.45	65.61	62.71	64.26	2.27	ppb
Krypton	83-1						cps
Lead	206-1	0.94	0.92	0.91	0.92	1.72	ppb
Lead	207-1	0.88	0.92	0.88	0.89	2.45	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 16:31:19	DataFile Name :	012LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.90	0.91	0.90	0.90	0.89	ppb
Lithium	6-1				104		%
Magnesium	24-2	508.83	508.97	509.59	509.13	0.08	ppb
Manganese	55-2	0.99	1.08	0.99	1.02	5.04	ppb
Molybdenum	94-1	4.69	4.95	4.86	4.83	2.76	ppb
Molybdenum	95-1	4.81	4.85	4.82	4.83	0.47	ppb
Molybdenum	96-1	4.92	4.88	4.91	4.90	0.35	ppb
Molybdenum	97-1	4.81	4.80	4.75	4.79	0.75	ppb
Molybdenum	98-1	4.82	4.70	4.90	4.81	2.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.09	1.03	1.13	1.08	4.41	ppb
Phosphorus	31-2	-5.13	-2.67	3.16	-1.55		ppb
Potassium	39-2	477.04	467.38	469.78	471.40	1.07	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	82-1	4.48	4.78	4.84	4.70	4.07	ppb
Selenium	77-2	6.54	6.72	6.06	6.44	5.24	ppb
Selenium	78-2	5.98	5.21	5.44	5.54	7.14	ppb
Silicon	28-1	15.00	15.29	15.64	15.31	2.07	ppb
Silver	107-1	1.04	1.07	1.05	1.06	1.36	ppb
Silver	109-1	1.02	1.03	1.06	1.04	2.21	ppb
Sodium	23-2	499.16	496.57	498.35	498.03	0.27	ppb
Strontium	86-1	0.93	0.99	0.98	0.97	3.26	ppb
Strontium	88-1	0.95	0.97	0.96	0.96	0.94	ppb
Sulfur	34-1	-269.85	-253.68	-256.14	-259.89		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.91	0.91	0.91	0.91	0.14	ppb
Thallium	205-1	0.91	0.91	0.90	0.91	0.70	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	5.07	4.95	4.99	5.00	1.24	ppb
Titanium	47-1	4.62	4.84	4.75	4.73	2.35	ppb
Uranium	238-1	0.83	0.81	0.80	0.81	2.06	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 16:31:19	DataFile Name :	012LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.84	4.70	4.81	4.78	1.47	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	2.06	1.95	1.98	2.00	2.87	ppb
Zirconium	91-1	0.93	0.92	1.00	0.95	5.08	ppb
Zirconium	90-1	0.96	0.97	1.00	0.98	2.45	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 16:46:24	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.32	-0.30	-0.39	-0.34		ppb
Antimony	121-1	0.00	0.00	0.01	0.00	150.57	ppb
Arsenic	75-2	-0.01	-0.02	-0.02	-0.02		ppb
Barium	135-1	0.00	-0.01	0.00	0.00		ppb
Barium	137-1	-0.01	0.00	0.00	0.00		ppb
Beryllium	9-1	0.00	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	11-1	1.55	1.44	1.47	1.49	4.08	ppb
Boron	10-1	1.76	1.49	1.70	1.65	8.63	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	-0.25	-1.24	-0.52	-0.67		ppb
Cadmium	108-1	0.01	-0.02	-0.01	-0.01		ppb
Cadmium	111-1	-0.02	-0.10	-0.05	-0.06		ppb
Calcium	43-1	-1.87	-0.41	-0.83	-1.04		ppb
Calcium	44-1	-0.40	-0.01	0.10	-0.10		ppb
Chromium	52-2	0.00	0.02	0.02	0.01	69.81	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.01	0.05	0.04	0.03	113.74	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	56-2	0.20	0.18	0.19	0.19	5.23	ppb
Iron	57-2	0.50	0.63	0.48	0.54	14.94	ppb
Iron	54-2	-0.12	0.24	-0.07	0.02	1162.28	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.02	0.02	14.52	ppb
Lead	207-1	0.02	0.01	0.02	0.02	38.22	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 16:46:24	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.02	0.01	0.02	0.02	27.54	ppb
Lithium	6-1				107		%
Magnesium	24-2	-0.05	-0.27	0.05	-0.09		ppb
Manganese	55-2	-0.01	-0.01	0.00	0.00		ppb
Molybdenum	94-1	0.03	0.00	0.03	0.02	77.79	ppb
Molybdenum	95-1	0.02	0.02	0.03	0.02	12.62	ppb
Molybdenum	96-1	0.01	0.04	0.02	0.02	58.97	ppb
Molybdenum	97-1	0.02	0.03	0.02	0.02	18.16	ppb
Molybdenum	98-1	0.02	0.02	0.04	0.03	35.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	0.03	0.01	216.09	ppb
Phosphorus	31-2	-8.14	6.79	-5.33	-2.23		ppb
Potassium	39-2	0.96	0.72	1.02	0.90	17.75	ppb
Rhodium	103-1				109		%
Rhodium	103-2				106		%
Scandium	45-1				109		%
Scandium	45-2				107		%
Selenium	82-1	-0.09	0.03	-0.13	-0.06		ppb
Selenium	77-2	0.00	0.19	0.19	0.13	86.60	ppb
Selenium	78-2	0.27	-0.14	0.14	0.09	233.78	ppb
Silicon	28-1	2.13	3.83	4.04	3.33	31.45	ppb
Silver	107-1	0.00	0.00	0.00	0.00	127.71	ppb
Silver	109-1	0.00	0.00	0.00	0.00	132.34	ppb
Sodium	23-2	2.93	2.73	3.50	3.05	13.02	ppb
Strontium	86-1	0.00	0.00	0.01	0.00	224.75	ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-349.33	-300.62	-248.21	-299.39		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.00	0.00	0.00	0.00	2316.09	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Thorium	232-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.02	0.02	0.03	0.02	17.40	ppb
Titanium	47-1	0.01	-0.01	0.00	0.00		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 16:46:24	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	13.57	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	-0.07	-0.01	-0.08	-0.05		ppb
Zirconium	91-1	0.01	0.02	0.01	0.01	55.04	ppb
Zirconium	90-1	0.00	0.00	0.01	0.01	114.35	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 16:50:02	DataFile Name :	015SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91072.49	90573.69	89405.02	90350.40	0.95	ppb
Antimony	121-1	1.06	1.06	1.04	1.06	1.23	ppb
Arsenic	75-2	0.33	0.35	0.30	0.33	6.37	ppb
Barium	135-1	1.29	1.34	1.44	1.36	5.76	ppb
Barium	137-1	1.33	1.36	1.38	1.36	2.04	ppb
Beryllium	9-1	0.28	0.26	0.24	0.26	6.83	ppb
Bismuth	209-1				94		%
Bismuth	209-2				89		%
Boron	11-1	1.81	1.79	1.86	1.82	1.97	ppb
Boron	10-1	2.05	1.96	2.08	2.03	3.06	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	-4.31	-5.18	-4.96	-4.82		ppb
Cadmium	108-1	14.93	14.38	14.38	14.56	2.19	ppb
Cadmium	111-1	0.19	0.13	0.15	0.15	19.39	ppb
Calcium	43-1	96474.78	96650.53	96138.36	96421.23	0.27	ppb
Calcium	44-1	94783.94	95324.86	95605.51	95238.10	0.44	ppb
Chromium	52-2	19.10	19.02	18.85	18.99	0.68	ppb
Cobalt	59-2	1.17	1.14	1.19	1.17	1.86	ppb
Copper	63-2	7.93	7.83	7.80	7.85	0.86	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	100852.65	100905.87	99601.65	100453.39	0.73	ppb
Iron	57-2	101317.32	100295.21	99383.17	100331.90	0.96	ppb
Iron	54-2	100554.48	100696.20	99561.08	100270.59	0.62	ppb
Krypton	83-1						cps
Lead	206-1	6.64	6.46	6.23	6.44	3.17	ppb
Lead	207-1	5.78	5.68	5.54	5.66	2.12	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 16:50:02	DataFile Name :	015SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	6.18	5.97	5.85	6.00	2.80	ppb
Lithium	6-1				97		%
Magnesium	24-2	97721.24	97658.88	97020.96	97467.03	0.40	ppb
Manganese	55-2	7.32	7.42	7.30	7.35	0.91	ppb
Molybdenum	94-1	1275.27	1269.28	1265.08	1269.88	0.40	ppb
Molybdenum	95-1	1839.59	1841.37	1822.12	1834.36	0.58	ppb
Molybdenum	96-1	1767.67	1767.71	1741.57	1758.98	0.86	ppb
Molybdenum	97-1	1852.92	1820.45	1827.32	1833.56	0.93	ppb
Molybdenum	98-1	1851.42	1843.60	1828.79	1841.27	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.09	5.11	5.24	5.15	1.56	ppb
Phosphorus	31-2	91643.13	91227.47	90939.53	91270.04	0.39	ppb
Potassium	39-2	93319.31	94433.12	93725.17	93825.87	0.60	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	82-1	0.15	-0.12	0.14	0.06	272.21	ppb
Selenium	77-2	0.60	0.60	0.00	0.40	86.60	ppb
Selenium	78-2	-0.02	0.11	0.49	0.19	138.21	ppb
Silicon	28-1	27.95	30.38	28.44	28.92	4.45	ppb
Silver	107-1	0.08	0.06	0.07	0.07	18.15	ppb
Silver	109-1	0.08	0.08	0.07	0.08	6.35	ppb
Sodium	23-2	101139.09	100413.08	99547.10	100366.42	0.79	ppb
Strontium	86-1	32.20	32.24	31.56	32.00	1.19	ppb
Strontium	88-1	32.37	32.31	32.11	32.26	0.43	ppb
Sulfur	34-1	79198.45	79955.47	79176.37	79443.43	0.56	ppb
Terbium	159-1				108		%
Terbium	159-2				101		%
Thallium	203-1	0.14	0.12	0.13	0.13	7.39	ppb
Thallium	205-1	0.13	0.13	0.11	0.12	8.18	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.15	0.17	0.18	0.17	8.21	ppb
Titanium	47-1	1889.27	1928.42	1910.15	1909.28	1.03	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	3.50	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 16:50:02	DataFile Name :	015SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.19	0.16	0.19	0.18	8.79	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	10.45	9.74	9.98	10.06	3.58	ppb
Zirconium	91-1	0.08	0.13	0.21	0.14	43.66	ppb
Zirconium	90-1	0.06	0.12	0.19	0.12	50.32	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 16:53:35	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92440.43	93408.06	91587.64	92478.71	0.98	ppb
Antimony	121-1	20.08	19.91	19.89	19.96	0.53	ppb
Arsenic	75-2	19.34	18.91	19.40	19.22	1.39	ppb
Barium	135-1	21.10	20.39	20.65	20.71	1.74	ppb
Barium	137-1	21.21	20.63	21.17	21.00	1.56	ppb
Beryllium	9-1	19.21	19.68	19.33	19.41	1.27	ppb
Bismuth	209-1				97		%
Bismuth	209-2				89		%
Boron	11-1	56.31	57.67	55.88	56.62	1.65	ppb
Boron	10-1	54.95	57.99	56.19	56.38	2.71	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	21.86	20.59	20.86	21.11	3.17	ppb
Cadmium	108-1	35.93	35.98	35.40	35.77	0.89	ppb
Cadmium	111-1	18.91	18.36	18.44	18.57	1.58	ppb
Calcium	43-1	95685.78	96767.74	96718.03	96390.52	0.63	ppb
Calcium	44-1	94649.60	96385.48	97346.10	96127.06	1.42	ppb
Chromium	52-2	38.50	38.53	38.48	38.50	0.06	ppb
Cobalt	59-2	20.43	20.47	20.34	20.41	0.31	ppb
Copper	63-2	26.97	27.14	27.25	27.12	0.51	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	56-2	101418.78	102384.65	101777.17	101860.20	0.48	ppb
Iron	57-2	100668.70	101608.60	101705.75	101327.68	0.57	ppb
Iron	54-2	101296.62	101798.63	101673.96	101589.74	0.26	ppb
Krypton	83-1						cps
Lead	206-1	25.16	25.20	24.85	25.07	0.77	ppb
Lead	207-1	22.88	22.76	22.47	22.70	0.93	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 16:53:35	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	23.89	23.77	23.69	23.78	0.43	ppb
Lithium	6-1				99		%
Magnesium	24-2	100720.93	102339.37	100045.28	101035.19	1.17	ppb
Manganese	55-2	25.86	25.85	25.69	25.80	0.36	ppb
Molybdenum	94-1	1417.25	1393.40	1393.01	1401.22	0.99	ppb
Molybdenum	95-1	1948.09	1897.25	1902.91	1916.09	1.45	ppb
Molybdenum	96-1	1859.87	1846.32	1836.52	1847.57	0.63	ppb
Molybdenum	97-1	1925.05	1922.47	1894.19	1913.90	0.89	ppb
Molybdenum	98-1	1956.10	1940.37	1910.24	1935.57	1.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.19	24.45	24.99	24.54	1.66	ppb
Phosphorus	31-2	94170.70	93703.82	93464.15	93779.56	0.38	ppb
Potassium	39-2	95591.15	96050.06	96358.58	95999.93	0.40	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Selenium	82-1	19.05	18.76	18.61	18.81	1.18	ppb
Selenium	77-2	19.10	16.07	17.23	17.46	8.75	ppb
Selenium	78-2	20.31	17.82	19.61	19.25	6.66	ppb
Silicon	28-1	88.32	89.29	90.09	89.23	0.99	ppb
Silver	107-1	17.97	17.55	17.61	17.71	1.28	ppb
Silver	109-1	17.56	17.54	17.60	17.57	0.18	ppb
Sodium	23-2	103054.81	103031.64	102904.58	102997.01	0.08	ppb
Strontium	86-1	84.06	84.07	84.37	84.17	0.21	ppb
Strontium	88-1	84.66	84.73	84.38	84.59	0.22	ppb
Sulfur	34-1	79012.74	80116.52	80725.60	79951.62	1.09	ppb
Terbium	159-1				111		%
Terbium	159-2				102		%
Thallium	203-1	19.80	19.89	19.80	19.83	0.25	ppb
Thallium	205-1	19.96	20.07	19.95	19.99	0.34	ppb
Thorium	232-1	0.47	0.47	0.47	0.47	0.40	ppb
Tin	118-1	52.25	52.15	52.18	52.19	0.10	ppb
Titanium	47-1	1958.75	1994.82	1961.44	1971.67	1.02	ppb
Uranium	238-1	50.48	50.01	49.86	50.12	0.65	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 16:53:35	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	19.28	19.11	19.28	19.22	0.52	ppb
Yttrium	89-1				108		%
Yttrium	89-2				103		%
Zinc	66-2	28.21	28.14	28.47	28.27	0.61	ppb
Zirconium	91-1	50.30	49.64	49.38	49.77	0.95	ppb
Zirconium	90-1	50.55	50.41	49.94	50.30	0.63	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 16:57:11	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50488.68	50477.83	50796.52	50587.68	0.36	ppb
Antimony	121-1	552.94	547.42	536.79	545.72	1.50	ppb
Arsenic	75-2	467.46	463.40	461.73	464.20	0.63	ppb
Barium	135-1	2522.97	2463.90	2423.98	2470.28	2.02	ppb
Barium	137-1	2499.82	2487.22	2432.31	2473.12	1.45	ppb
Beryllium	9-1	474.23	482.33	480.22	478.92	0.88	ppb
Bismuth	209-1				87		%
Bismuth	209-2				80		%
Boron	11-1	473.48	493.37	492.46	486.43	2.31	ppb
Boron	10-1	477.96	485.87	487.57	483.80	1.06	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	502.70	494.74	488.94	495.46	1.39	ppb
Cadmium	108-1	489.95	497.74	480.54	489.41	1.76	ppb
Cadmium	111-1	490.99	487.12	473.08	483.73	1.95	ppb
Calcium	43-1	238386.81	237524.20	237875.32	237928.78	0.18	ppb
Calcium	44-1	237129.09	234545.97	235786.71	235820.59	0.55	ppb
Chromium	52-2	480.53	478.08	478.56	479.06	0.27	ppb
Cobalt	59-2	526.64	527.69	524.73	526.35	0.29	ppb
Copper	63-2	4796.56	4778.37	4785.84	4786.92	0.19	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				92		%
Iron	56-2	123903.25	124307.22	123224.85	123811.77	0.44	ppb
Iron	57-2	125638.86	124449.34	123138.24	124408.81	1.01	ppb
Iron	54-2	124706.20	124312.60	124718.06	124578.95	0.19	ppb
Krypton	83-1						cps
Lead	206-1	2538.29	2495.02	2504.24	2512.52	0.91	ppb
Lead	207-1	2525.35	2496.34	2505.57	2509.09	0.59	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 16:57:11	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	2524.74	2500.21	2494.56	2506.50	0.64	ppb
Lithium	6-1				94		%
Magnesium	24-2	254145.70	255400.13	253832.37	254459.40	0.33	ppb
Manganese	55-2	4752.73	4790.81	4746.46	4763.34	0.50	ppb
Molybdenum	94-1	2448.31	2429.82	2429.88	2436.00	0.44	ppb
Molybdenum	95-1	2439.76	2426.08	2419.57	2428.47	0.42	ppb
Molybdenum	96-1	2413.43	2445.47	2413.47	2424.13	0.76	ppb
Molybdenum	97-1	2419.42	2431.77	2410.78	2420.66	0.44	ppb
Molybdenum	98-1	2446.51	2440.87	2423.90	2437.09	0.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	520.66	515.58	517.35	517.86	0.50	ppb
Phosphorus	31-2	9468.68	9592.25	9603.28	9554.74	0.78	ppb
Potassium	39-2	122419.69	121770.47	121540.10	121910.09	0.37	ppb
Rhodium	103-1				91		%
Rhodium	103-2				88		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	522.04	526.90	523.34	524.09	0.48	ppb
Selenium	77-2	548.52	539.59	519.92	536.01	2.73	ppb
Selenium	78-2	526.43	528.14	519.57	524.71	0.86	ppb
Silicon	28-1	517.27	520.70	527.03	521.67	0.95	ppb
Silver	107-1	488.33	485.01	478.11	483.82	1.08	ppb
Silver	109-1	482.93	483.03	468.90	478.29	1.70	ppb
Sodium	23-2	252868.70	250227.66	249054.66	250717.01	0.78	ppb
Strontium	86-1	479.00	482.83	480.15	480.66	0.41	ppb
Strontium	88-1	487.02	492.30	487.83	489.05	0.58	ppb
Sulfur	34-1	9073.56	8998.89	9073.99	9048.81	0.48	ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	513.05	510.21	504.60	509.29	0.84	ppb
Thallium	205-1	511.08	507.64	504.42	507.71	0.66	ppb
Thorium	232-1	497.62	495.82	499.86	497.77	0.41	ppb
Tin	118-1	490.16	482.20	476.19	482.85	1.45	ppb
Titanium	47-1	2417.61	2386.01	2399.66	2401.09	0.66	ppb
Uranium	238-1	504.40	509.47	506.21	506.69	0.51	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 16:57:11	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	492.55	489.88	484.18	488.87	0.87	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	4816.76	4762.48	4752.37	4777.20	0.72	ppb
Zirconium	91-1	472.34	473.08	471.59	472.34	0.16	ppb
Zirconium	90-1	487.48	487.16	483.81	486.15	0.42	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 17:05:24	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.40	1.87	1.74	1.67	14.35	ppb
Antimony	121-1	0.09	0.11	0.14	0.11	23.39	ppb
Arsenic	75-2	0.01	0.01	0.02	0.01	43.24	ppb
Barium	135-1	0.05	0.06	0.04	0.05	18.03	ppb
Barium	137-1	0.05	0.05	0.05	0.05	7.65	ppb
Beryllium	9-1	0.01	0.02	0.01	0.01	54.70	ppb
Bismuth	209-1				109		%
Bismuth	209-2				104		%
Boron	11-1	4.45	4.56	4.29	4.43	3.11	ppb
Boron	10-1	4.53	4.44	4.15	4.37	4.50	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	-0.78	-1.70	-0.08	-0.85		ppb
Cadmium	108-1	-0.02	0.11	0.01	0.04	201.19	ppb
Cadmium	111-1	-0.06	-0.14	0.00	-0.06		ppb
Calcium	43-1	4.37	6.77	5.34	5.49	21.96	ppb
Calcium	44-1	5.10	5.10	5.29	5.16	2.07	ppb
Chromium	52-2	0.02	0.03	0.01	0.02	54.28	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	14.10	ppb
Copper	63-2	0.21	0.26	0.24	0.24	8.77	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				107		%
Indium	115-1				115		%
Indium	115-2				110		%
Iron	56-2	3.55	3.64	3.70	3.63	2.01	ppb
Iron	57-2	3.42	3.01	3.96	3.46	13.80	ppb
Iron	54-2	3.94	4.17	3.60	3.90	7.37	ppb
Krypton	83-1						cps
Lead	206-1	0.37	0.42	0.38	0.39	6.55	ppb
Lead	207-1	0.35	0.37	0.36	0.36	3.67	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 17:05:24	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.37	0.38	0.37	0.37	1.49	ppb
Lithium	6-1				108		%
Magnesium	24-2	5.33	5.91	6.07	5.77	6.72	ppb
Manganese	55-2	0.08	0.09	0.09	0.09	4.70	ppb
Molybdenum	94-1	0.12	0.15	0.18	0.15	21.14	ppb
Molybdenum	95-1	0.13	0.13	0.15	0.14	8.14	ppb
Molybdenum	96-1	0.12	0.12	0.16	0.13	13.47	ppb
Molybdenum	97-1	0.16	0.11	0.15	0.14	18.46	ppb
Molybdenum	98-1	0.15	0.14	0.15	0.15	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.01	0.03	0.02	59.46	ppb
Phosphorus	31-2	1.67	-10.68	-1.20	-3.40		ppb
Potassium	39-2	11.99	12.02	11.24	11.75	3.77	ppb
Rhodium	103-1				115		%
Rhodium	103-2				112		%
Scandium	45-1				113		%
Scandium	45-2				113		%
Selenium	82-1	0.04	-0.26	-0.21	-0.14		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.01	0.12	0.13	0.08	78.55	ppb
Silicon	28-1	-1.16	-1.13	-0.60	-0.96		ppb
Silver	107-1	0.01	0.01	0.01	0.01	15.33	ppb
Silver	109-1	0.01	0.01	0.02	0.01	18.09	ppb
Sodium	23-2	18.33	18.31	18.42	18.36	0.31	ppb
Strontium	86-1	0.02	0.00	0.01	0.01	79.27	ppb
Strontium	88-1	0.00	0.01	0.01	0.01	32.49	ppb
Sulfur	34-1	-797.82	-754.59	-755.87	-769.43		ppb
Terbium	159-1				113		%
Terbium	159-2				107		%
Thallium	203-1	0.04	0.05	0.05	0.05	12.47	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	6.85	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	25.41	ppb
Tin	118-1	0.01	0.02	0.03	0.02	43.18	ppb
Titanium	47-1	0.06	0.04	0.07	0.06	19.42	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	4.07	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 17:05:24	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.01	0.01	0.01	14.33	ppb
Yttrium	89-1				115		%
Yttrium	89-2				111		%
Zinc	66-2	0.74	0.77	0.93	0.82	12.76	ppb
Zirconium	91-1	0.03	0.04	0.06	0.04	36.22	ppb
Zirconium	90-1	0.02	0.04	0.05	0.04	39.76	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 17:13:33	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.82	20.17	22.04	21.01	4.51	ppb
Antimony	121-1	1.94	1.95	1.93	1.94	0.59	ppb
Arsenic	75-2	1.02	1.01	1.03	1.02	0.85	ppb
Barium	135-1	9.99	9.70	9.73	9.81	1.64	ppb
Barium	137-1	9.73	9.70	9.87	9.77	0.89	ppb
Beryllium	9-1	1.02	0.94	0.95	0.97	4.52	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Boron	11-1	26.15	27.12	27.05	26.78	2.03	ppb
Boron	10-1	25.78	25.92	26.01	25.90	0.44	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	-0.53	-0.75	-0.52	-0.60		ppb
Cadmium	108-1	1.22	1.07	0.93	1.07	13.36	ppb
Cadmium	111-1	0.85	0.79	0.82	0.82	3.55	ppb
Calcium	43-1	478.90	503.01	504.71	495.54	2.91	ppb
Calcium	44-1	485.52	485.95	489.03	486.83	0.39	ppb
Chromium	52-2	2.02	1.98	1.88	1.96	3.54	ppb
Cobalt	59-2	1.06	1.02	1.01	1.03	2.41	ppb
Copper	63-2	2.23	2.14	2.14	2.17	2.30	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				109		%
Indium	115-1				118		%
Indium	115-2				113		%
Iron	56-2	56.50	56.56	55.68	56.25	0.87	ppb
Iron	57-2	56.23	58.56	59.57	58.12	2.94	ppb
Iron	54-2	68.93	67.02	66.06	67.34	2.17	ppb
Krypton	83-1						cps
Lead	206-1	1.09	1.11	1.12	1.11	1.55	ppb
Lead	207-1	1.09	1.06	1.09	1.08	1.47	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 17:13:33	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	1.08	1.08	1.09	1.08	0.39	ppb
Lithium	6-1				110		%
Magnesium	24-2	520.67	522.16	515.14	519.33	0.71	ppb
Manganese	55-2	1.09	1.10	1.05	1.08	2.13	ppb
Molybdenum	94-1	4.77	4.87	4.74	4.79	1.49	ppb
Molybdenum	95-1	4.80	4.70	4.84	4.78	1.50	ppb
Molybdenum	96-1	4.84	4.75	4.81	4.80	0.97	ppb
Molybdenum	97-1	4.66	4.69	4.98	4.78	3.78	ppb
Molybdenum	98-1	4.89	4.75	4.84	4.83	1.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.07	1.09	1.08	0.75	ppb
Phosphorus	31-2	-5.57	2.43	2.16	-0.33		ppb
Potassium	39-2	480.68	482.17	483.10	481.98	0.25	ppb
Rhodium	103-1				117		%
Rhodium	103-2				115		%
Scandium	45-1				118		%
Scandium	45-2				118		%
Selenium	82-1	4.48	5.03	4.94	4.82	6.12	ppb
Selenium	77-2	2.61	7.27	5.39	5.09	46.08	ppb
Selenium	78-2	5.08	4.62	4.85	4.85	4.69	ppb
Silicon	28-1	14.31	14.68	15.44	14.81	3.91	ppb
Silver	107-1	1.08	1.08	1.05	1.07	1.70	ppb
Silver	109-1	1.06	1.05	1.04	1.05	1.04	ppb
Sodium	23-2	508.75	509.77	499.68	506.06	1.10	ppb
Strontium	86-1	0.93	0.99	1.01	0.98	4.18	ppb
Strontium	88-1	0.96	0.98	0.97	0.97	0.72	ppb
Sulfur	34-1	-636.87	-594.24	-605.84	-612.31		ppb
Terbium	159-1				115		%
Terbium	159-2				108		%
Thallium	203-1	0.92	0.96	0.92	0.93	2.01	ppb
Thallium	205-1	0.94	1.00	0.95	0.96	3.07	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	295.68	ppb
Tin	118-1	4.97	4.96	4.89	4.94	0.90	ppb
Titanium	47-1	4.72	4.84	4.83	4.80	1.42	ppb
Uranium	238-1	0.79	0.81	0.80	0.80	1.39	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 17:13:33	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.91	4.90	4.76	4.85	1.70	ppb
Yttrium	89-1				118		%
Yttrium	89-2				115		%
Zinc	66-2	2.07	2.04	2.01	2.04	1.62	ppb
Zirconium	91-1	0.92	0.96	0.97	0.95	2.76	ppb
Zirconium	90-1	0.91	0.97	0.98	0.95	3.71	ppb

LB Number : LB110850 Operator : JASWAL
 Lab Sample ID : L3216-01 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-SOIL-01-QT3- Dilution Factor : 1
 Date & Time Acquired :: 2020-09-03 17:17:10 DataFile Name : 020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.82	14.73	13.92	14.49	3.42	ppb
Antimony	121-1	0.74	0.72	0.77	0.74	3.18	ppb
Arsenic	75-2	0.74	0.82	0.77	0.78	5.19	ppb
Barium	135-1	3.52	3.44	3.51	3.49	1.18	ppb
Barium	137-1	3.56	3.61	3.54	3.57	0.97	ppb
Beryllium	9-1	0.70	0.71	0.76	0.72	3.94	ppb
Bismuth	209-1				109		%
Bismuth	209-2				104		%
Boron	11-1	2.97	2.98	2.84	2.93	2.64	ppb
Boron	10-1	2.77	2.65	2.52	2.65	4.69	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	2.20	2.12	0.77	1.70	47.22	ppb
Cadmium	108-1	0.63	0.74	0.68	0.68	8.14	ppb
Cadmium	111-1	0.87	0.82	0.72	0.80	9.93	ppb
Calcium	43-1	68.01	73.85	68.33	70.07	4.69	ppb
Calcium	44-1	70.28	71.15	71.01	70.81	0.66	ppb
Chromium	52-2	0.71	0.71	0.73	0.72	1.53	ppb
Cobalt	59-2	0.74	0.72	0.74	0.73	1.85	ppb
Copper	63-2	1.53	1.64	1.57	1.58	3.68	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				109		%
Indium	115-1				118		%
Indium	115-2				114		%
Iron	56-2	38.08	38.78	38.62	38.49	0.95	ppb
Iron	57-2	40.73	38.99	36.42	38.71	5.59	ppb
Iron	54-2	43.29	43.69	44.86	43.95	1.86	ppb
Krypton	83-1						cps
Lead	206-1	0.79	0.75	0.75	0.76	2.89	ppb
Lead	207-1	0.76	0.74	0.71	0.74	3.26	ppb

LB Number : LB110850 Operator : JASWAL
 Lab Sample ID : L3216-01 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-SOIL-01-QT3- Dilution Factor : 1
 Date & Time Acquired :: 2020-09-03 17:17:10 DataFile Name : 020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.75	0.74	0.74	0.74	0.98	ppb
Lithium	6-1				111		%
Magnesium	24-2	78.60	77.49	75.78	77.29	1.84	ppb
Manganese	55-2	1.38	1.32	1.37	1.36	2.41	ppb
Molybdenum	94-1	3.06	2.97	3.03	3.02	1.63	ppb
Molybdenum	95-1	2.85	2.84	3.01	2.90	3.33	ppb
Molybdenum	96-1	2.82	2.85	2.94	2.87	2.07	ppb
Molybdenum	97-1	2.94	2.93	2.83	2.90	2.04	ppb
Molybdenum	98-1	2.84	2.93	2.98	2.92	2.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.78	0.80	0.80	0.79	1.44	ppb
Phosphorus	31-2	-1.02	7.98	6.84	4.60	106.58	ppb
Potassium	39-2	40.11	40.24	39.67	40.01	0.74	ppb
Rhodium	103-1				118		%
Rhodium	103-2				115		%
Scandium	45-1				119		%
Scandium	45-2				119		%
Selenium	82-1	0.72	0.47	0.61	0.60	20.84	ppb
Selenium	77-2	0.88	0.70	0.51	0.70	26.00	ppb
Selenium	78-2	0.71	0.54	0.42	0.56	26.85	ppb
Silicon	28-1	0.12	-0.10	0.69	0.24	170.05	ppb
Silver	107-1	1.02	0.98	0.97	0.99	2.67	ppb
Silver	109-1	0.98	0.95	0.99	0.97	1.90	ppb
Sodium	23-2	78.55	80.31	79.36	79.41	1.11	ppb
Strontium	86-1	0.81	0.74	0.76	0.77	4.38	ppb
Strontium	88-1	0.76	0.79	0.77	0.77	1.90	ppb
Sulfur	34-1	-578.27	-471.01	-353.71	-467.66		ppb
Terbium	159-1				114		%
Terbium	159-2				108		%
Thallium	203-1	0.68	0.67	0.67	0.67	0.34	ppb
Thallium	205-1	0.69	0.70	0.68	0.69	1.42	ppb
Thorium	232-1	0.55	0.54	0.54	0.54	1.84	ppb
Tin	118-1	0.75	0.72	0.72	0.73	2.00	ppb
Titanium	47-1	2.81	2.65	2.82	2.76	3.45	ppb
Uranium	238-1	0.56	0.55	0.56	0.56	1.01	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	L3216-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT3-	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 17:17:10	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.68	0.68	0.72	0.69	2.95	ppb
Yttrium	89-1				118		%
Yttrium	89-2				116		%
Zinc	66-2	1.56	1.28	1.72	1.52	14.57	ppb
Zirconium	91-1	0.63	0.64	0.58	0.62	5.66	ppb
Zirconium	90-1	0.63	0.65	0.68	0.65	3.60	ppb

LB Number : LB110850 Operator : JASWAL
 Lab Sample ID : L3216-03 Instrumnet Name : P7
 Client Sample ID : MDL-SOIL-03-QT3-2020 Dilution Factor : 1
 Date & Time Acquired :: 2020-09-03 17:20:48 DataFile Name : 021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.05	5.30	4.00	4.45	16.56	ppb
Antimony	121-1	0.26	0.26	0.28	0.26	3.97	ppb
Arsenic	75-2	0.24	0.25	0.24	0.24	3.65	ppb
Barium	135-1	1.24	1.27	1.23	1.25	1.42	ppb
Barium	137-1	1.18	1.19	1.23	1.20	2.19	ppb
Beryllium	9-1	0.23	0.25	0.25	0.25	5.13	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Boron	11-1	3.98	4.02	4.26	4.09	3.78	ppb
Boron	10-1	4.16	3.90	4.33	4.13	5.24	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	-0.68	0.99	2.62	0.98	169.20	ppb
Cadmium	108-1	0.17	0.15	0.25	0.19	27.40	ppb
Cadmium	111-1	0.19	0.31	0.44	0.31	39.54	ppb
Calcium	43-1	27.01	23.74	24.55	25.10	6.79	ppb
Calcium	44-1	24.49	23.78	23.33	23.87	2.46	ppb
Chromium	52-2	0.23	0.23	0.23	0.23	0.74	ppb
Cobalt	59-2	0.24	0.23	0.26	0.24	7.21	ppb
Copper	63-2	0.57	0.56	0.54	0.55	2.63	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				109		%
Indium	115-1				119		%
Indium	115-2				114		%
Iron	56-2	13.02	13.04	13.06	13.04	0.17	ppb
Iron	57-2	12.63	13.47	14.88	13.66	8.34	ppb
Iron	54-2	16.13	14.24	14.26	14.88	7.32	ppb
Krypton	83-1						cps
Lead	206-1	0.31	0.30	0.30	0.30	2.36	ppb
Lead	207-1	0.30	0.29	0.28	0.29	3.23	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	L3216-03	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-03-QT3-2020	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 17:20:48	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.29	0.29	0.29	0.29	0.11	ppb
Lithium	6-1				111		%
Magnesium	24-2	25.16	25.24	26.51	25.64	2.95	ppb
Manganese	55-2	0.46	0.48	0.45	0.46	2.96	ppb
Molybdenum	94-1	1.02	0.99	1.03	1.02	2.05	ppb
Molybdenum	95-1	0.98	0.94	0.96	0.96	1.85	ppb
Molybdenum	96-1	1.00	0.96	0.98	0.98	1.88	ppb
Molybdenum	97-1	0.99	0.98	0.95	0.97	1.99	ppb
Molybdenum	98-1	1.01	0.95	1.03	0.99	4.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.28	0.30	0.26	0.28	6.93	ppb
Phosphorus	31-2	-3.42	-2.98	9.83	1.14	657.20	ppb
Potassium	39-2	14.55	16.45	14.97	15.32	6.50	ppb
Rhodium	103-1				120		%
Rhodium	103-2				116		%
Scandium	45-1				120		%
Scandium	45-2				120		%
Selenium	82-1	2.52	2.34	2.55	2.47	4.64	ppb
Selenium	77-2	2.25	2.25	2.60	2.37	8.49	ppb
Selenium	78-2	2.57	2.75	2.45	2.59	5.89	ppb
Silicon	28-1	-0.28	-0.22	-0.28	-0.26		ppb
Silver	107-1	0.26	0.27	0.26	0.26	0.95	ppb
Silver	109-1	0.26	0.28	0.25	0.26	4.93	ppb
Sodium	23-2	31.35	30.55	30.68	30.86	1.38	ppb
Strontium	86-1	0.27	0.27	0.29	0.28	3.64	ppb
Strontium	88-1	0.26	0.25	0.26	0.26	2.61	ppb
Sulfur	34-1	-515.87	-581.77	-494.15	-530.60		ppb
Terbium	159-1				114		%
Terbium	159-2				108		%
Thallium	203-1	0.24	0.24	0.25	0.24	3.74	ppb
Thallium	205-1	0.26	0.25	0.24	0.25	3.66	ppb
Thorium	232-1	0.18	0.18	0.18	0.18	2.04	ppb
Tin	118-1	0.25	0.21	0.25	0.24	9.77	ppb
Titanium	47-1	0.93	0.86	1.04	0.94	9.68	ppb
Uranium	238-1	0.20	0.19	0.20	0.20	4.04	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	L3216-03	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-03-QT3-2020	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 17:20:48	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.24	0.23	0.25	0.24	3.31	ppb
Yttrium	89-1				119		%
Yttrium	89-2				116		%
Zinc	66-2	0.67	0.74	0.73	0.71	5.06	ppb
Zirconium	91-1	0.22	0.22	0.24	0.23	6.00	ppb
Zirconium	90-1	0.22	0.22	0.21	0.22	2.22	ppb

LB Number : LB110850 Operator : JASWAL
 Lab Sample ID : L3216-07 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2020-09-03 17:24:25 DataFile Name : 022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.94	15.36	15.15	15.15	1.37	ppb
Antimony	121-1	0.77	0.77	0.75	0.76	1.89	ppb
Arsenic	75-2	0.79	0.85	0.72	0.79	8.69	ppb
Barium	135-1	3.67	3.69	3.66	3.67	0.33	ppb
Barium	137-1	3.69	3.51	3.72	3.64	3.11	ppb
Beryllium	9-1	0.74	0.71	0.68	0.71	3.95	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	11-1	2.16	2.11	2.09	2.12	1.91	ppb
Boron	10-1	2.38	1.98	1.97	2.11	11.03	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	1.96	1.91	1.57	1.81	11.64	ppb
Cadmium	108-1	0.79	0.65	0.68	0.71	10.78	ppb
Cadmium	111-1	0.90	0.85	0.85	0.87	3.21	ppb
Calcium	43-1	71.98	71.12	71.80	71.63	0.63	ppb
Calcium	44-1	72.26	71.67	72.23	72.05	0.46	ppb
Chromium	52-2	0.73	0.69	0.76	0.73	4.91	ppb
Cobalt	59-2	0.74	0.74	0.76	0.75	1.56	ppb
Copper	63-2	1.63	1.60	1.60	1.61	1.03	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				108		%
Indium	115-1				118		%
Indium	115-2				113		%
Iron	56-2	38.95	39.14	38.37	38.82	1.04	ppb
Iron	57-2	38.75	38.77	38.54	38.69	0.32	ppb
Iron	54-2	43.31	44.04	45.41	44.25	2.41	ppb
Krypton	83-1						cps
Lead	206-1	0.74	0.72	0.73	0.73	1.04	ppb
Lead	207-1	0.69	0.73	0.71	0.71	2.97	ppb

LB Number : LB110850 Operator : JASWAL
 Lab Sample ID : L3216-07 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2020-09-03 17:24:25 DataFile Name : 022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.70	0.72	0.72	0.71	1.12	ppb
Lithium	6-1				111		%
Magnesium	24-2	75.61	77.93	77.15	76.90	1.54	ppb
Manganese	55-2	1.42	1.45	1.40	1.42	2.00	ppb
Molybdenum	94-1	3.07	2.99	3.04	3.03	1.32	ppb
Molybdenum	95-1	3.00	2.96	2.93	2.97	1.16	ppb
Molybdenum	96-1	2.93	3.02	2.96	2.97	1.58	ppb
Molybdenum	97-1	2.88	3.05	2.90	2.94	3.32	ppb
Molybdenum	98-1	2.87	3.11	2.94	2.97	4.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.87	0.81	0.81	0.83	3.99	ppb
Phosphorus	31-2	13.72	10.11	6.14	9.99	37.95	ppb
Potassium	39-2	38.86	41.70	40.97	40.51	3.63	ppb
Rhodium	103-1				119		%
Rhodium	103-2				115		%
Scandium	45-1				120		%
Scandium	45-2				118		%
Selenium	82-1	0.59	0.61	0.61	0.61	1.86	ppb
Selenium	77-2	0.35	1.04	0.70	0.70	49.50	ppb
Selenium	78-2	0.64	1.11	0.63	0.79	34.32	ppb
Silicon	28-1	0.58	0.48	0.64	0.56	14.58	ppb
Silver	107-1	0.97	1.01	1.02	1.00	2.43	ppb
Silver	109-1	1.03	0.98	0.99	1.00	2.42	ppb
Sodium	23-2	79.56	79.94	78.90	79.47	0.66	ppb
Strontium	86-1	0.79	0.83	0.81	0.81	2.60	ppb
Strontium	88-1	0.79	0.80	0.81	0.80	1.42	ppb
Sulfur	34-1	-503.18	-472.46	-425.04	-466.89		ppb
Terbium	159-1				113		%
Terbium	159-2				108		%
Thallium	203-1	0.69	0.69	0.65	0.68	3.12	ppb
Thallium	205-1	0.70	0.70	0.70	0.70	0.09	ppb
Thorium	232-1	0.56	0.55	0.55	0.55	1.20	ppb
Tin	118-1	0.77	0.72	0.74	0.74	2.98	ppb
Titanium	47-1	2.95	2.96	2.94	2.95	0.32	ppb
Uranium	238-1	0.56	0.58	0.58	0.58	1.94	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	L3216-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 17:24:25	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.71	0.70	0.73	0.71	2.41	ppb
Yttrium	89-1				117		%
Yttrium	89-2				116		%
Zinc	66-2	1.71	1.64	1.49	1.61	6.99	ppb
Zirconium	91-1	0.62	0.63	0.67	0.64	4.00	ppb
Zirconium	90-1	0.64	0.62	0.65	0.64	2.27	ppb

LB Number : LB110850 Operator : JASWAL
 Lab Sample ID : L3216-09 Instrumnet Name : P7
 Client Sample ID : MDL-WATER-03-QT3-20 Dilution Factor : 1
 Date & Time Acquired :: 2020-09-03 17:28:03 DataFile Name : 023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.09	4.48	5.31	4.63	13.41	ppb
Antimony	121-1	0.24	0.26	0.27	0.26	6.28	ppb
Arsenic	75-2	0.26	0.25	0.26	0.26	2.43	ppb
Barium	135-1	1.20	1.29	1.24	1.24	3.72	ppb
Barium	137-1	1.22	1.27	1.17	1.22	3.81	ppb
Beryllium	9-1	0.25	0.24	0.26	0.25	3.76	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	11-1	3.44	3.36	3.57	3.46	3.07	ppb
Boron	10-1	3.56	3.52	3.91	3.66	5.87	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	1.51	3.07	0.34	1.64	83.62	ppb
Cadmium	108-1	0.18	0.24	0.24	0.22	15.88	ppb
Cadmium	111-1	0.36	0.48	0.26	0.37	29.57	ppb
Calcium	43-1	22.68	24.50	25.81	24.33	6.45	ppb
Calcium	44-1	23.62	24.15	24.10	23.96	1.22	ppb
Chromium	52-2	0.25	0.25	0.24	0.25	2.88	ppb
Cobalt	59-2	0.24	0.26	0.24	0.25	4.71	ppb
Copper	63-2	0.54	0.55	0.57	0.55	2.21	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				108		%
Indium	115-1				117		%
Indium	115-2				112		%
Iron	56-2	13.00	13.04	13.02	13.02	0.14	ppb
Iron	57-2	14.08	13.09	13.78	13.65	3.72	ppb
Iron	54-2	16.35	14.04	15.24	15.21	7.60	ppb
Krypton	83-1						cps
Lead	206-1	0.25	0.24	0.26	0.25	3.62	ppb
Lead	207-1	0.25	0.24	0.25	0.25	2.91	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	L3216-09	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-03-QT3-20	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 17:28:03	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.25	0.24	0.25	0.25	2.92	ppb
Lithium	6-1				110		%
Magnesium	24-2	27.32	26.81	26.40	26.84	1.71	ppb
Manganese	55-2	0.44	0.48	0.45	0.45	4.93	ppb
Molybdenum	94-1	1.01	0.99	1.01	1.01	1.24	ppb
Molybdenum	95-1	0.97	0.99	0.94	0.97	2.83	ppb
Molybdenum	96-1	1.00	1.00	0.98	0.99	1.06	ppb
Molybdenum	97-1	1.04	0.90	0.95	0.96	7.20	ppb
Molybdenum	98-1	1.00	0.97	1.02	1.00	2.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.29	0.26	0.31	0.29	8.54	ppb
Phosphorus	31-2	-2.64	2.63	-3.50	-1.17		ppb
Potassium	39-2	15.33	16.25	14.93	15.50	4.35	ppb
Rhodium	103-1				118		%
Rhodium	103-2				115		%
Scandium	45-1				119		%
Scandium	45-2				119		%
Selenium	82-1	2.27	2.55	2.47	2.43	5.94	ppb
Selenium	77-2	2.79	3.18	2.28	2.75	16.37	ppb
Selenium	78-2	2.85	2.52	2.90	2.75	7.47	ppb
Silicon	28-1	0.16	0.33	1.36	0.62	105.16	ppb
Silver	107-1	0.26	0.27	0.25	0.26	3.68	ppb
Silver	109-1	0.27	0.26	0.26	0.26	1.23	ppb
Sodium	23-2	29.08	29.94	29.76	29.59	1.53	ppb
Strontium	86-1	0.30	0.25	0.29	0.28	9.66	ppb
Strontium	88-1	0.25	0.26	0.25	0.26	0.90	ppb
Sulfur	34-1	-411.80	-475.51	-422.01	-436.44		ppb
Terbium	159-1				112		%
Terbium	159-2				108		%
Thallium	203-1	0.24	0.24	0.24	0.24	0.92	ppb
Thallium	205-1	0.23	0.24	0.25	0.24	4.09	ppb
Thorium	232-1	0.18	0.17	0.18	0.18	3.18	ppb
Tin	118-1	0.25	0.26	0.24	0.25	2.55	ppb
Titanium	47-1	0.96	1.01	1.01	0.99	3.12	ppb
Uranium	238-1	0.19	0.19	0.20	0.19	2.09	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	L3216-09	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-03-QT3-20	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 17:28:03	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.23	0.27	0.25	0.25	8.56	ppb
Yttrium	89-1				117		%
Yttrium	89-2				115		%
Zinc	66-2	0.76	0.72	0.60	0.69	12.46	ppb
Zirconium	91-1	0.23	0.21	0.22	0.22	4.62	ppb
Zirconium	90-1	0.21	0.22	0.23	0.22	5.32	ppb

LB Number : LB110850 Operator : JASWAL
 Lab Sample ID : L3216-07RE Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2020-09-03 17:31:40 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.64	14.10	14.54	14.43	1.99	ppb
Antimony	121-1	0.76	0.76	0.73	0.75	2.15	ppb
Arsenic	75-2	0.75	0.76	0.74	0.75	0.97	ppb
Barium	135-1	3.53	3.55	3.54	3.54	0.28	ppb
Barium	137-1	3.68	3.67	3.73	3.69	0.87	ppb
Beryllium	9-1	0.74	0.72	0.74	0.73	1.31	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	11-1	1.71	1.69	1.87	1.76	5.68	ppb
Boron	10-1	1.81	1.68	1.66	1.72	4.88	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	1.71	1.19	2.08	1.66	27.10	ppb
Cadmium	108-1	0.65	0.65	0.76	0.69	9.60	ppb
Cadmium	111-1	0.86	0.79	0.88	0.84	6.00	ppb
Calcium	43-1	70.68	67.34	64.21	67.41	4.80	ppb
Calcium	44-1	71.36	71.02	70.54	70.97	0.58	ppb
Chromium	52-2	0.75	0.71	0.70	0.72	4.11	ppb
Cobalt	59-2	0.75	0.74	0.76	0.75	1.13	ppb
Copper	63-2	1.61	1.62	1.59	1.61	0.98	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				107		%
Indium	115-1				117		%
Indium	115-2				113		%
Iron	56-2	38.46	38.11	37.76	38.11	0.92	ppb
Iron	57-2	39.05	35.72	40.01	38.26	5.89	ppb
Iron	54-2	43.53	43.75	45.24	44.18	2.11	ppb
Krypton	83-1						cps
Lead	206-1	0.68	0.73	0.68	0.70	4.20	ppb
Lead	207-1	0.66	0.67	0.69	0.67	2.50	ppb

LB Number : LB110850 Operator : JASWAL
 Lab Sample ID : L3216-07RE Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2020-09-03 17:31:40 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.67	0.70	0.68	0.68	2.00	ppb
Lithium	6-1				111		%
Magnesium	24-2	77.71	77.46	78.13	77.76	0.44	ppb
Manganese	55-2	1.39	1.47	1.39	1.42	3.17	ppb
Molybdenum	94-1	2.82	2.92	3.03	2.92	3.59	ppb
Molybdenum	95-1	2.85	2.79	2.85	2.83	1.20	ppb
Molybdenum	96-1	2.83	2.89	2.89	2.87	1.14	ppb
Molybdenum	97-1	2.98	2.82	2.87	2.89	2.84	ppb
Molybdenum	98-1	2.91	2.86	2.88	2.88	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.72	0.83	0.78	0.78	6.77	ppb
Phosphorus	31-2	1.88	14.09	5.64	7.20	86.77	ppb
Potassium	39-2	37.53	39.35	37.01	37.96	3.24	ppb
Rhodium	103-1				119		%
Rhodium	103-2				115		%
Scandium	45-1				120		%
Scandium	45-2				119		%
Selenium	82-1	0.53	0.48	0.54	0.52	6.19	ppb
Selenium	77-2	0.87	1.06	0.35	0.76	48.74	ppb
Selenium	78-2	0.82	0.55	0.71	0.70	19.35	ppb
Silicon	28-1	0.79	0.79	0.12	0.56	68.13	ppb
Silver	107-1	1.02	1.03	1.01	1.02	0.80	ppb
Silver	109-1	0.99	0.97	0.98	0.98	0.75	ppb
Sodium	23-2	75.77	79.36	76.64	77.26	2.42	ppb
Strontium	86-1	0.76	0.82	0.84	0.81	5.06	ppb
Strontium	88-1	0.78	0.77	0.79	0.78	1.01	ppb
Sulfur	34-1	-318.13	-335.44	-342.83	-332.14		ppb
Terbium	159-1				112		%
Terbium	159-2				107		%
Thallium	203-1	0.65	0.65	0.67	0.66	1.89	ppb
Thallium	205-1	0.67	0.69	0.68	0.68	1.54	ppb
Thorium	232-1	0.55	0.55	0.55	0.55	0.62	ppb
Tin	118-1	0.68	0.74	0.74	0.72	4.50	ppb
Titanium	47-1	2.78	2.92	2.64	2.78	5.09	ppb
Uranium	238-1	0.58	0.58	0.57	0.58	0.37	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	L3216-07RE	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 17:31:40	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.71	0.69	0.72	0.71	2.52	ppb
Yttrium	89-1				118		%
Yttrium	89-2				115		%
Zinc	66-2	1.42	1.54	1.46	1.47	4.31	ppb
Zirconium	91-1	0.67	0.63	0.60	0.63	5.17	ppb
Zirconium	90-1	0.65	0.64	0.63	0.64	0.91	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	L3216-09RE	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-03-QT3-20	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 17:35:18	DataFile Name :	025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.83	5.19	4.80	4.94	4.39	ppb
Antimony	121-1	0.25	0.26	0.27	0.26	3.96	ppb
Arsenic	75-2	0.22	0.20	0.23	0.22	7.37	ppb
Barium	135-1	1.23	1.17	1.19	1.20	2.78	ppb
Barium	137-1	1.25	1.23	1.28	1.25	2.08	ppb
Beryllium	9-1	0.24	0.25	0.28	0.26	8.84	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	11-1	3.25	3.22	3.21	3.23	0.60	ppb
Boron	10-1	2.89	3.37	3.20	3.15	7.83	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	4.02	1.82	1.55	2.46	55.05	ppb
Cadmium	108-1	0.28	0.31	0.20	0.27	21.46	ppb
Cadmium	111-1	0.58	0.37	0.36	0.44	27.59	ppb
Calcium	43-1	21.44	24.64	24.65	23.58	7.84	ppb
Calcium	44-1	25.86	24.43	25.50	25.27	2.95	ppb
Chromium	52-2	0.25	0.23	0.25	0.24	4.33	ppb
Cobalt	59-2	0.25	0.24	0.25	0.25	2.49	ppb
Copper	63-2	0.59	0.54	0.55	0.56	4.60	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				108		%
Indium	115-1				118		%
Indium	115-2				112		%
Iron	56-2	13.07	12.89	13.49	13.15	2.35	ppb
Iron	57-2	14.36	14.13	12.93	13.80	5.56	ppb
Iron	54-2	14.97	13.84	15.05	14.62	4.62	ppb
Krypton	83-1						cps
Lead	206-1	0.24	0.24	0.25	0.24	3.74	ppb
Lead	207-1	0.24	0.24	0.25	0.24	1.53	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	L3216-09RE	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-03-QT3-20	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 17:35:18	DataFile Name :	025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.23	0.24	0.24	0.24	1.44	ppb
Lithium	6-1				111		%
Magnesium	24-2	25.30	25.35	26.63	25.76	2.93	ppb
Manganese	55-2	0.47	0.48	0.47	0.48	0.91	ppb
Molybdenum	94-1	0.94	1.02	1.00	0.99	4.14	ppb
Molybdenum	95-1	0.96	0.93	0.98	0.96	3.15	ppb
Molybdenum	96-1	1.01	1.01	1.00	1.00	0.75	ppb
Molybdenum	97-1	0.99	1.03	0.95	0.99	3.93	ppb
Molybdenum	98-1	0.92	0.96	0.99	0.96	3.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.27	0.28	0.33	0.29	10.08	ppb
Phosphorus	31-2	-2.95	-0.43	1.34	-0.68		ppb
Potassium	39-2	14.05	15.25	16.28	15.19	7.34	ppb
Rhodium	103-1				119		%
Rhodium	103-2				115		%
Scandium	45-1				120		%
Scandium	45-2				118		%
Selenium	82-1	2.71	2.66	2.46	2.61	5.02	ppb
Selenium	77-2	3.32	2.83	2.95	3.04	8.31	ppb
Selenium	78-2	2.94	3.00	2.35	2.76	13.06	ppb
Silicon	28-1	0.25	-0.05	0.26	0.15	113.83	ppb
Silver	107-1	0.26	0.27	0.26	0.26	2.17	ppb
Silver	109-1	0.26	0.28	0.25	0.26	5.78	ppb
Sodium	23-2	28.98	28.69	28.96	28.87	0.56	ppb
Strontium	86-1	0.28	0.27	0.25	0.27	5.89	ppb
Strontium	88-1	0.27	0.26	0.26	0.26	2.56	ppb
Sulfur	34-1	-376.59	-359.66	-312.55	-349.60		ppb
Terbium	159-1				112		%
Terbium	159-2				107		%
Thallium	203-1	0.26	0.23	0.24	0.24	5.49	ppb
Thallium	205-1	0.23	0.24	0.24	0.23	1.24	ppb
Thorium	232-1	0.17	0.18	0.18	0.18	3.64	ppb
Tin	118-1	0.24	0.23	0.26	0.24	6.69	ppb
Titanium	47-1	0.97	0.93	1.09	1.00	7.99	ppb
Uranium	238-1	0.18	0.19	0.20	0.19	3.15	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	L3216-09RE	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-03-QT3-20	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 17:35:18	DataFile Name :	025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.25	0.25	0.24	0.25	2.17	ppb
Yttrium	89-1				118		%
Yttrium	89-2				115		%
Zinc	66-2	4.64	4.79	4.64	4.69	1.85	ppb
Zirconium	91-1	0.24	0.20	0.23	0.23	8.44	ppb
Zirconium	90-1	0.21	0.22	0.22	0.22	3.83	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	PB131414BL	Instrumnet Name :	P7
Client Sample ID :	PB131414BL	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 17:42:35	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.57	-0.42	-0.32	-0.44		ppb
Antimony	121-1	0.00	0.00	0.00	0.00		ppb
Arsenic	75-2	-0.02	-0.01	-0.01	-0.01		ppb
Barium	135-1	-0.01	0.00	-0.01	-0.01		ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.00	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	11-1	0.39	0.40	0.24	0.35	25.77	ppb
Boron	10-1	0.17	0.28	0.41	0.29	41.99	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	0.30	0.65	1.42	0.79	72.90	ppb
Cadmium	108-1	-0.02	-0.05	0.01	-0.02		ppb
Cadmium	111-1	0.02	0.06	0.11	0.06	73.04	ppb
Calcium	43-1	-0.54	-0.79	-0.39	-0.57		ppb
Calcium	44-1	-0.87	-1.32	-0.66	-0.95		ppb
Chromium	52-2	0.02	0.00	0.00	0.01	169.26	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.05	0.03	0.03	0.04	43.29	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				106		%
Indium	115-1				117		%
Indium	115-2				112		%
Iron	56-2	0.01	-0.01	0.04	0.02	162.06	ppb
Iron	57-2	0.02	0.06	0.06	0.05	44.04	ppb
Iron	54-2	0.01	0.32	0.36	0.23	84.14	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.00	0.01	0.01	47.93	ppb
Lead	207-1	0.01	0.01	0.01	0.01	37.65	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	PB131414BL	Instrumnet Name :	P7
Client Sample ID :	PB131414BL	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 17:42:35	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.01	0.01	0.01	0.01	14.58	ppb
Lithium	6-1				110		%
Magnesium	24-2	-0.29	-0.26	-0.31	-0.28		ppb
Manganese	55-2	-0.02	-0.02	-0.03	-0.02		ppb
Molybdenum	94-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	95-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	96-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	97-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	98-1	-0.01	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	0.01	0.01	61.09	ppb
Phosphorus	31-2	-1.88	-4.02	-3.07	-2.99		ppb
Potassium	39-2	4.10	4.56	4.00	4.22	7.14	ppb
Rhodium	103-1				116		%
Rhodium	103-2				114		%
Scandium	45-1				118		%
Scandium	45-2				118		%
Selenium	82-1	-0.08	-0.17	-0.25	-0.17		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.44	0.26	0.13	0.28	55.27	ppb
Silicon	28-1	-0.09	-0.27	0.63	0.09	510.32	ppb
Silver	107-1	0.00	0.00	0.00	0.00	252.79	ppb
Silver	109-1	0.00	0.00	0.00	0.00	50.80	ppb
Sodium	23-2	3.34	2.34	3.45	3.04	20.13	ppb
Strontium	86-1	-0.01	-0.02	-0.01	-0.01		ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-415.57	-417.03	-253.52	-362.04		ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	0.01	0.00	0.00	0.00	28.96	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	47.87	ppb
Thorium	232-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.00	0.00	0.00	0.00	2369.89	ppb
Titanium	47-1	-0.02	0.01	-0.01	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	PB131414BL	Instrumnet Name :	P7
Client Sample ID :	PB131414BL	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 17:42:35	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	208.86	ppb
Yttrium	89-1				117		%
Yttrium	89-2				115		%
Zinc	66-2	0.04	-0.03	-0.14	-0.04		ppb
Zirconium	91-1	0.00	0.01	0.02	0.01	101.00	ppb
Zirconium	90-1	-0.01	0.01	0.01	0.00	545.95	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	PB131414BS	Instrumnet Name :	P7
Client Sample ID :	PB131414BS	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 17:46:11	DataFile Name :	028LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9667.05	9630.26	9760.00	9685.77	0.69	ppb
Antimony	121-1	500.96	506.75	500.05	502.58	0.72	ppb
Arsenic	75-2	500.54	501.13	504.53	502.07	0.43	ppb
Barium	135-1	2487.26	2508.55	2463.37	2486.39	0.91	ppb
Barium	137-1	2477.66	2491.06	2489.75	2486.16	0.30	ppb
Beryllium	9-1	488.69	488.86	483.04	486.86	0.68	ppb
Bismuth	209-1				100		%
Bismuth	209-2				92		%
Boron	11-1	482.75	488.11	490.26	487.04	0.79	ppb
Boron	10-1	483.02	486.80	490.47	486.77	0.77	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	482.26	483.11	483.37	482.91	0.12	ppb
Cadmium	108-1	481.62	487.46	483.36	484.14	0.62	ppb
Cadmium	111-1	484.02	488.21	482.54	484.92	0.61	ppb
Calcium	43-1	50023.95	49995.69	49584.83	49868.16	0.49	ppb
Calcium	44-1	50396.21	50259.91	49815.27	50157.13	0.61	ppb
Chromium	52-2	503.33	504.55	506.66	504.85	0.33	ppb
Cobalt	59-2	503.13	505.11	508.45	505.56	0.53	ppb
Copper	63-2	5064.17	5095.33	5097.09	5085.53	0.36	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				97		%
Iron	56-2	27430.39	27289.00	27303.16	27340.85	0.28	ppb
Iron	57-2	26793.62	26582.63	26821.75	26732.67	0.49	ppb
Iron	54-2	27813.27	28066.05	28379.00	28086.10	1.01	ppb
Krypton	83-1						cps
Lead	206-1	2466.80	2473.18	2453.54	2464.51	0.41	ppb
Lead	207-1	2486.65	2471.39	2434.62	2464.22	1.09	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	PB131414BS	Instrumnet Name :	P7
Client Sample ID :	PB131414BS	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 17:46:11	DataFile Name :	028LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	2471.82	2475.20	2437.01	2461.34	0.86	ppb
Lithium	6-1				101		%
Magnesium	24-2	54057.85	54538.36	54636.44	54410.88	0.57	ppb
Manganese	55-2	5136.65	5147.17	5153.37	5145.73	0.16	ppb
Molybdenum	94-1	2462.73	2463.42	2448.37	2458.18	0.35	ppb
Molybdenum	95-1	2472.33	2462.57	2442.14	2459.01	0.63	ppb
Molybdenum	96-1	2456.54	2481.26	2432.67	2456.83	0.99	ppb
Molybdenum	97-1	2465.49	2475.94	2461.37	2467.60	0.30	ppb
Molybdenum	98-1	2452.93	2480.49	2471.81	2468.41	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	514.15	517.19	516.42	515.92	0.31	ppb
Phosphorus	31-2	10176.45	10170.61	10089.98	10145.68	0.48	ppb
Potassium	39-2	25034.09	25167.25	25184.82	25128.72	0.33	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	494.68	501.74	494.45	496.96	0.83	ppb
Selenium	77-2	504.32	492.22	490.49	495.68	1.52	ppb
Selenium	78-2	501.44	494.99	501.63	499.35	0.76	ppb
Silicon	28-1	501.98	500.11	502.06	501.38	0.22	ppb
Silver	107-1	497.72	509.29	501.26	502.76	1.18	ppb
Silver	109-1	497.39	505.99	491.60	498.33	1.45	ppb
Sodium	23-2	52678.26	53016.43	52784.13	52826.27	0.33	ppb
Strontium	86-1	484.37	491.40	482.43	486.07	0.97	ppb
Strontium	88-1	493.70	497.58	497.94	496.41	0.47	ppb
Sulfur	34-1	9808.67	9731.16	9542.74	9694.19	1.41	ppb
Terbium	159-1				109		%
Terbium	159-2				102		%
Thallium	203-1	494.38	495.84	486.54	492.25	1.02	ppb
Thallium	205-1	491.71	489.15	487.98	489.61	0.39	ppb
Thorium	232-1	477.72	479.88	474.08	477.22	0.61	ppb
Tin	118-1	503.53	506.39	499.16	503.02	0.72	ppb
Titanium	47-1	2478.43	2461.62	2471.43	2470.49	0.34	ppb
Uranium	238-1	476.75	479.68	466.47	474.30	1.46	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	PB131414BS	Instrumnet Name :	P7
Client Sample ID :	PB131414BS	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 17:46:11	DataFile Name :	028LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	500.34	503.62	502.12	502.03	0.33	ppb
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	4817.04	4815.62	4864.23	4832.30	0.57	ppb
Zirconium	91-1	478.34	481.24	474.89	478.16	0.66	ppb
Zirconium	90-1	491.32	495.99	491.10	492.80	0.56	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 17:52:16	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50878.23	50513.11	49885.49	50425.61	1.00	ppb
Antimony	121-1	540.08	531.48	541.38	537.65	1.00	ppb
Arsenic	75-2	474.26	459.66	459.49	464.47	1.83	ppb
Barium	135-1	2429.80	2403.65	2439.63	2424.36	0.77	ppb
Barium	137-1	2412.82	2436.03	2416.00	2421.62	0.52	ppb
Beryllium	9-1	471.30	472.52	473.44	472.42	0.23	ppb
Bismuth	209-1				86		%
Bismuth	209-2				77		%
Boron	11-1	478.85	475.18	483.30	479.11	0.85	ppb
Boron	10-1	477.91	472.82	478.94	476.56	0.69	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	485.85	476.56	489.25	483.89	1.36	ppb
Cadmium	108-1	486.74	479.69	484.84	483.76	0.75	ppb
Cadmium	111-1	477.81	475.92	479.31	477.68	0.36	ppb
Calcium	43-1	234948.04	234150.15	235761.99	234953.39	0.34	ppb
Calcium	44-1	232218.97	234592.08	235488.58	234099.88	0.72	ppb
Chromium	52-2	479.13	475.16	471.54	475.28	0.80	ppb
Cobalt	59-2	528.66	525.52	525.43	526.54	0.35	ppb
Copper	63-2	4858.40	4767.42	4794.10	4806.64	0.97	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				95		%
Indium	115-1				97		%
Indium	115-2				90		%
Iron	56-2	124800.06	123360.65	123363.93	123841.55	0.67	ppb
Iron	57-2	124595.70	123220.76	123214.41	123676.96	0.64	ppb
Iron	54-2	124644.37	124847.01	123092.78	124194.72	0.77	ppb
Krypton	83-1						cps
Lead	206-1	2514.42	2482.65	2520.78	2505.95	0.82	ppb
Lead	207-1	2516.76	2467.88	2541.07	2508.57	1.49	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 17:52:16	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	2508.20	2482.92	2530.43	2507.18	0.95	ppb
Lithium	6-1				94		%
Magnesium	24-2	253786.02	252132.71	249781.08	251899.94	0.80	ppb
Manganese	55-2	4787.48	4783.78	4726.74	4766.00	0.71	ppb
Molybdenum	94-1	2410.90	2446.60	2452.95	2436.82	0.93	ppb
Molybdenum	95-1	2395.47	2434.00	2426.68	2418.71	0.85	ppb
Molybdenum	96-1	2393.21	2418.14	2438.21	2416.52	0.93	ppb
Molybdenum	97-1	2396.44	2446.64	2447.99	2430.36	1.21	ppb
Molybdenum	98-1	2425.60	2439.41	2441.17	2435.39	0.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	536.58	514.96	513.10	521.55	2.50	ppb
Phosphorus	31-2	9539.31	9437.78	9426.20	9467.77	0.66	ppb
Potassium	39-2	121659.33	122077.32	121750.77	121829.14	0.18	ppb
Rhodium	103-1				90		%
Rhodium	103-2				86		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	515.60	515.87	518.18	516.55	0.27	ppb
Selenium	77-2	558.23	533.12	527.86	539.74	3.01	ppb
Selenium	78-2	527.02	515.10	511.08	517.73	1.60	ppb
Silicon	28-1	516.96	522.09	525.97	521.67	0.87	ppb
Silver	107-1	482.64	476.36	480.93	479.98	0.68	ppb
Silver	109-1	476.19	473.10	475.84	475.04	0.36	ppb
Sodium	23-2	247928.95	247406.54	243897.21	246410.90	0.89	ppb
Strontium	86-1	473.40	472.96	473.50	473.29	0.06	ppb
Strontium	88-1	483.56	484.49	480.47	482.84	0.44	ppb
Sulfur	34-1	8981.39	9062.61	9001.89	9015.30	0.47	ppb
Terbium	159-1				103		%
Terbium	159-2				94		%
Thallium	203-1	510.07	506.67	512.18	509.64	0.55	ppb
Thallium	205-1	509.40	508.20	505.20	507.60	0.43	ppb
Thorium	232-1	498.47	493.54	498.52	496.84	0.58	ppb
Tin	118-1	474.77	470.55	484.50	476.61	1.50	ppb
Titanium	47-1	2413.72	2410.46	2405.09	2409.76	0.18	ppb
Uranium	238-1	505.01	493.69	502.60	500.43	1.19	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 17:52:16	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	489.81	484.69	481.94	485.48	0.82	ppb
Yttrium	89-1				102		%
Yttrium	89-2				97		%
Zinc	66-2	4993.24	4793.61	4810.22	4865.69	2.28	ppb
Zirconium	91-1	469.17	469.97	470.26	469.80	0.12	ppb
Zirconium	90-1	485.32	483.25	490.39	486.32	0.76	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 18:02:19	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.72	0.72	0.58	0.67	12.50	ppb
Antimony	121-1	0.08	0.10	0.12	0.10	21.29	ppb
Arsenic	75-2	0.00	0.01	0.02	0.01	93.47	ppb
Barium	135-1	0.08	0.06	0.09	0.08	16.68	ppb
Barium	137-1	0.06	0.07	0.06	0.06	13.53	ppb
Beryllium	9-1	0.02	0.01	0.03	0.02	40.74	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	11-1	5.05	5.25	5.04	5.12	2.34	ppb
Boron	10-1	4.99	5.03	4.82	4.95	2.20	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	-0.48	-2.41	-2.08	-1.65		ppb
Cadmium	108-1	-0.06	0.04	0.02	0.00		ppb
Cadmium	111-1	-0.02	-0.18	-0.16	-0.12		ppb
Calcium	43-1	2.27	3.45	3.88	3.20	26.06	ppb
Calcium	44-1	3.75	3.47	4.50	3.91	13.55	ppb
Chromium	52-2	0.02	0.03	0.03	0.03	19.07	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	4.08	ppb
Copper	63-2	0.24	0.28	0.29	0.27	10.46	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				105		%
Indium	115-1				115		%
Indium	115-2				110		%
Iron	56-2	3.16	3.30	3.51	3.32	5.30	ppb
Iron	57-2	3.13	3.00	3.16	3.10	2.63	ppb
Iron	54-2	2.89	3.74	4.41	3.68	20.74	ppb
Krypton	83-1						cps
Lead	206-1	0.15	0.16	0.15	0.15	3.87	ppb
Lead	207-1	0.15	0.15	0.14	0.15	3.33	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 18:02:19	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.14	0.15	0.15	0.15	1.19	ppb
Lithium	6-1				105		%
Magnesium	24-2	5.66	6.17	6.70	6.18	8.38	ppb
Manganese	55-2	0.15	0.15	0.16	0.15	3.08	ppb
Molybdenum	94-1	0.13	0.16	0.19	0.16	20.21	ppb
Molybdenum	95-1	0.13	0.12	0.13	0.13	5.71	ppb
Molybdenum	96-1	0.13	0.14	0.13	0.14	5.28	ppb
Molybdenum	97-1	0.14	0.12	0.14	0.14	7.73	ppb
Molybdenum	98-1	0.11	0.12	0.12	0.12	5.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.07	0.04	0.06	32.55	ppb
Phosphorus	31-2	-8.61	-1.45	-7.92	-6.00		ppb
Potassium	39-2	8.67	5.77	9.29	7.91	23.74	ppb
Rhodium	103-1				115		%
Rhodium	103-2				113		%
Scandium	45-1				115		%
Scandium	45-2				114		%
Selenium	82-1	-0.22	-0.20	-0.05	-0.16		ppb
Selenium	77-2	0.18	0.18	0.18	0.18	0.49	ppb
Selenium	78-2	-0.42	-0.03	0.27	-0.06		ppb
Silicon	28-1	-1.63	-1.67	-1.95	-1.75		ppb
Silver	107-1	0.02	0.02	0.02	0.02	11.74	ppb
Silver	109-1	0.02	0.02	0.02	0.02	4.12	ppb
Sodium	23-2	15.35	16.29	16.15	15.93	3.17	ppb
Strontium	86-1	0.01	0.01	0.03	0.02	66.97	ppb
Strontium	88-1	0.00	0.01	0.01	0.01	21.87	ppb
Sulfur	34-1	-609.39	-543.89	-654.29	-602.52		ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	203-1	0.03	0.02	0.02	0.02	22.56	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	4.97	ppb
Thorium	232-1	0.02	0.02	0.03	0.02	34.21	ppb
Tin	118-1	0.05	0.02	0.04	0.03	30.75	ppb
Titanium	47-1	0.09	0.03	0.07	0.06	52.79	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	6.91	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 18:02:19	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.02	0.02	0.02	0.02	1.70	ppb
Yttrium	89-1				115		%
Yttrium	89-2				112		%
Zinc	66-2	0.40	0.23	0.34	0.33	26.77	ppb
Zirconium	91-1	0.01	0.05	0.04	0.03	53.57	ppb
Zirconium	90-1	0.02	0.03	0.05	0.03	33.55	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	PB131415BL	Instrumnet Name :	P7
Client Sample ID :	PB131415BL	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 18:07:00	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.18	-0.36	-0.44	-0.33		ppb
Antimony	121-1	0.02	0.02	0.05	0.03	45.14	ppb
Arsenic	75-2	-0.01	0.00	-0.01	-0.01		ppb
Barium	135-1	0.00	0.01	0.00	0.01	62.24	ppb
Barium	137-1	0.00	0.01	0.01	0.01	54.36	ppb
Beryllium	9-1	0.01	-0.01	0.01	0.01	217.21	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	11-1	3.40	3.17	3.00	3.19	6.32	ppb
Boron	10-1	3.15	3.10	3.34	3.20	3.92	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	0.51	-0.61	0.93	0.28	286.55	ppb
Cadmium	108-1	-0.01	0.00	0.00	0.00		ppb
Cadmium	111-1	0.04	-0.05	0.08	0.02	264.91	ppb
Calcium	43-1	0.16	0.18	-0.59	-0.08		ppb
Calcium	44-1	0.08	-0.17	-0.39	-0.16		ppb
Chromium	52-2	0.01	0.01	0.01	0.01	33.59	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.05	0.05	0.05	0.05	7.59	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				108		%
Indium	115-1				117		%
Indium	115-2				113		%
Iron	56-2	0.60	0.63	0.64	0.62	2.76	ppb
Iron	57-2	0.75	0.61	0.62	0.66	11.97	ppb
Iron	54-2	-0.02	1.28	1.48	0.91	89.00	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.07	0.06	0.06	8.13	ppb
Lead	207-1	0.08	0.05	0.06	0.06	18.76	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	PB131415BL	Instrumnet Name :	P7
Client Sample ID :	PB131415BL	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 18:07:00	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.06	0.06	0.06	0.06	4.13	ppb
Lithium	6-1				108		%
Magnesium	24-2	0.67	0.87	1.04	0.86	21.48	ppb
Manganese	55-2	0.02	0.00	0.01	0.01	85.45	ppb
Molybdenum	94-1	0.06	0.04	0.06	0.05	23.07	ppb
Molybdenum	95-1	0.04	0.04	0.05	0.04	18.15	ppb
Molybdenum	96-1	0.04	0.04	0.06	0.05	23.89	ppb
Molybdenum	97-1	0.03	0.03	0.06	0.04	45.88	ppb
Molybdenum	98-1	0.04	0.05	0.06	0.05	17.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.06	0.03	0.05	32.04	ppb
Phosphorus	31-2	-11.45	-3.34	-17.24	-10.67		ppb
Potassium	39-2	2.82	3.39	4.35	3.52	21.93	ppb
Rhodium	103-1				117		%
Rhodium	103-2				115		%
Scandium	45-1				117		%
Scandium	45-2				117		%
Selenium	82-1	-0.20	-0.15	-0.22	-0.19		ppb
Selenium	77-2	0.17	0.17	0.00	0.12	86.60	ppb
Selenium	78-2	-0.16	0.19	0.43	0.16	189.61	ppb
Silicon	28-1	-0.48	-0.61	0.65	-0.15		ppb
Silver	107-1	0.00	0.01	0.00	0.01	23.05	ppb
Silver	109-1	0.01	0.01	0.01	0.01	14.04	ppb
Sodium	23-2	8.04	7.99	8.31	8.11	2.14	ppb
Strontium	86-1	0.01	-0.03	0.00	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-542.43	-637.45	-602.57	-594.15		ppb
Terbium	159-1				112		%
Terbium	159-2				108		%
Thallium	203-1	0.00	0.01	0.00	0.00	89.66	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	9.67	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	1004.24	ppb
Tin	118-1	0.01	0.02	0.02	0.02	21.13	ppb
Titanium	47-1	0.05	0.01	0.01	0.02	106.59	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	41.79	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	PB131415BL	Instrumnet Name :	P7
Client Sample ID :	PB131415BL	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 18:07:00	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	63.13	ppb
Yttrium	89-1				116		%
Yttrium	89-2				115		%
Zinc	66-2	0.02	0.42	0.13	0.19	108.83	ppb
Zirconium	91-1	0.01	0.01	0.04	0.02	76.59	ppb
Zirconium	90-1	0.00	0.01	0.02	0.01	83.96	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	PB131413BL	Instrumnet Name :	P7
Client Sample ID :	PB131413BL	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 18:10:37	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.13	-0.38	-0.08	-0.20		ppb
Antimony	121-1	0.01	0.02	0.03	0.02	41.25	ppb
Arsenic	75-2	-0.02	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.00	-0.01	0.00	0.00		ppb
Barium	137-1	0.00	0.01	0.00	0.00	55.54	ppb
Beryllium	9-1	0.01	0.00	-0.01	0.00	1485.08	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	11-1	2.62	2.30	2.30	2.41	7.85	ppb
Boron	10-1	2.42	2.56	1.96	2.31	13.40	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	0.35	0.15	0.51	0.34	53.12	ppb
Cadmium	108-1	0.02	-0.04	-0.01	-0.01		ppb
Cadmium	111-1	0.03	0.01	0.04	0.03	48.30	ppb
Calcium	43-1	-1.20	-0.27	-1.48	-0.98		ppb
Calcium	44-1	-0.79	-0.98	-0.14	-0.64		ppb
Chromium	52-2	0.00	-0.02	-0.01	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.03	0.00	0.01	0.01	114.59	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				106		%
Indium	115-1				116		%
Indium	115-2				112		%
Iron	56-2	0.33	0.34	0.41	0.36	12.41	ppb
Iron	57-2	0.23	0.17	0.59	0.33	69.15	ppb
Iron	54-2	-0.14	0.28	0.10	0.08	273.98	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.04	0.04	0.05	9.47	ppb
Lead	207-1	0.04	0.05	0.03	0.04	17.11	ppb

LB Number : LB110850 Operator : JASWAL
 Lab Sample ID : PB131413BL Instrumnet Name : P7
 Client Sample ID : PB131413BL Dilution Factor : 1
 Date & Time Acquired :: 2020-09-03 18:10:37 DataFile Name : 032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.04	0.04	0.03	0.04	13.87	ppb
Lithium	6-1				108		%
Magnesium	24-2	-0.01	0.43	0.27	0.23	97.26	ppb
Manganese	55-2	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	94-1	0.01	0.02	0.03	0.02	33.87	ppb
Molybdenum	95-1	0.01	0.02	0.02	0.02	42.23	ppb
Molybdenum	96-1	0.02	0.02	0.01	0.02	23.30	ppb
Molybdenum	97-1	0.02	0.02	0.02	0.02	18.16	ppb
Molybdenum	98-1	0.02	0.03	0.03	0.03	11.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.01	0.04	0.03	50.34	ppb
Phosphorus	31-2	-7.29	-0.95	-10.72	-6.32		ppb
Potassium	39-2	4.71	4.57	3.78	4.35	11.60	ppb
Rhodium	103-1				117		%
Rhodium	103-2				114		%
Scandium	45-1				117		%
Scandium	45-2				116		%
Selenium	82-1	-0.30	0.11	-0.11	-0.10		ppb
Selenium	77-2	0.00	0.18	0.00	0.06	173.21	ppb
Selenium	78-2	0.26	0.17	0.16	0.20	27.48	ppb
Silicon	28-1	-0.66	0.06	0.02	-0.19		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00	11.40	ppb
Sodium	23-2	7.14	6.41	6.23	6.59	7.26	ppb
Strontium	86-1	-0.02	0.01	0.00	0.00		ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-477.43	-501.23	-528.67	-502.44		ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	0.00	0.00	0.00	0.00	27.61	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	57.42	ppb
Thorium	232-1	-0.01	0.00	-0.01	-0.01		ppb
Tin	118-1	0.00	0.00	0.00	0.00		ppb
Titanium	47-1	0.01	-0.02	0.00	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	PB131413BL	Instrumnet Name :	P7
Client Sample ID :	PB131413BL	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 18:10:37	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				116		%
Yttrium	89-2				115		%
Zinc	66-2	0.04	0.07	-0.04	0.03	215.41	ppb
Zirconium	91-1	0.00	0.02	0.00	0.01	104.00	ppb
Zirconium	90-1	0.00	0.00	0.02	0.01	114.30	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	PB131413BS	Instrumnet Name :	P7
Client Sample ID :	PB131413BS	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 18:14:15	DataFile Name :	033LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9661.27	9735.51	9738.57	9711.79	0.45	ppb
Antimony	121-1	514.76	514.52	507.05	512.11	0.86	ppb
Arsenic	75-2	501.66	500.59	496.83	499.69	0.51	ppb
Barium	135-1	2544.06	2518.49	2519.23	2527.26	0.58	ppb
Barium	137-1	2539.74	2544.45	2487.25	2523.81	1.26	ppb
Beryllium	9-1	486.40	489.94	487.97	488.10	0.36	ppb
Bismuth	209-1				99		%
Bismuth	209-2				92		%
Boron	11-1	484.35	492.48	488.14	488.32	0.83	ppb
Boron	10-1	480.72	493.99	491.25	488.65	1.43	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	492.87	491.37	484.71	489.65	0.89	ppb
Cadmium	108-1	498.23	485.67	487.53	490.48	1.38	ppb
Cadmium	111-1	493.25	490.77	483.70	489.24	1.01	ppb
Calcium	43-1	49481.13	49976.18	50282.28	49913.20	0.81	ppb
Calcium	44-1	50266.04	50398.76	50658.66	50441.15	0.40	ppb
Chromium	52-2	500.47	500.89	501.67	501.01	0.12	ppb
Cobalt	59-2	504.10	509.68	504.90	506.23	0.60	ppb
Copper	63-2	5099.11	5071.65	5095.15	5088.63	0.29	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				98		%
Iron	56-2	27141.42	27253.89	27418.03	27271.11	0.51	ppb
Iron	57-2	26904.61	26525.73	26936.63	26788.99	0.85	ppb
Iron	54-2	27912.22	27716.46	27972.79	27867.16	0.48	ppb
Krypton	83-1						cps
Lead	206-1	2495.98	2481.47	2479.62	2485.69	0.36	ppb
Lead	207-1	2489.31	2486.52	2479.82	2485.22	0.20	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	PB131413BS	Instrumnet Name :	P7
Client Sample ID :	PB131413BS	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 18:14:15	DataFile Name :	033LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	2480.25	2486.17	2466.78	2477.73	0.40	ppb
Lithium	6-1				100		%
Magnesium	24-2	54740.42	54615.18	54412.40	54589.33	0.30	ppb
Manganese	55-2	5124.87	5086.55	5151.27	5120.90	0.64	ppb
Molybdenum	94-1	2483.55	2459.32	2441.01	2461.29	0.87	ppb
Molybdenum	95-1	2457.86	2476.12	2416.15	2450.05	1.25	ppb
Molybdenum	96-1	2452.16	2466.33	2395.83	2438.11	1.53	ppb
Molybdenum	97-1	2474.79	2479.32	2412.69	2455.60	1.52	ppb
Molybdenum	98-1	2471.53	2487.42	2472.02	2476.99	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	514.70	517.92	516.84	516.49	0.32	ppb
Phosphorus	31-2	9988.76	9957.49	10071.84	10006.03	0.59	ppb
Potassium	39-2	25217.72	25267.05	25110.86	25198.55	0.32	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	82-1	498.32	497.34	498.08	497.92	0.10	ppb
Selenium	77-2	496.07	506.97	517.50	506.84	2.11	ppb
Selenium	78-2	494.19	493.64	478.95	488.93	1.77	ppb
Silicon	28-1	496.80	497.78	499.53	498.04	0.28	ppb
Silver	107-1	513.35	512.27	510.13	511.92	0.32	ppb
Silver	109-1	510.27	506.41	505.08	507.26	0.53	ppb
Sodium	23-2	52888.63	52882.84	53062.79	52944.75	0.19	ppb
Strontium	86-1	482.52	483.91	489.60	485.34	0.77	ppb
Strontium	88-1	495.05	496.41	493.59	495.01	0.29	ppb
Sulfur	34-1	9541.51	9274.29	9540.09	9451.97	1.63	ppb
Terbium	159-1				108		%
Terbium	159-2				101		%
Thallium	203-1	499.87	496.84	498.67	498.46	0.31	ppb
Thallium	205-1	503.26	499.43	495.74	499.48	0.75	ppb
Thorium	232-1	472.97	477.52	475.52	475.34	0.48	ppb
Tin	118-1	523.60	517.71	512.13	517.81	1.11	ppb
Titanium	47-1	2487.49	2467.06	2491.87	2482.14	0.53	ppb
Uranium	238-1	473.18	473.02	476.86	474.35	0.46	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	PB131413BS	Instrumnet Name :	P7
Client Sample ID :	PB131413BS	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 18:14:15	DataFile Name :	033LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	500.83	499.30	502.32	500.82	0.30	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	4864.65	4828.24	4868.45	4853.78	0.46	ppb
Zirconium	91-1	478.27	477.21	469.94	475.14	0.95	ppb
Zirconium	90-1	488.16	493.03	490.29	490.50	0.50	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	PB131415BS	Instrumnet Name :	P7
Client Sample ID :	PB131415BS	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 18:17:40	DataFile Name :	034DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9644.57	9768.71	9680.05	9697.78	0.66	ppb
Antimony	121-1	500.91	504.34	506.41	503.89	0.55	ppb
Arsenic	75-2	503.25	499.82	499.95	501.01	0.39	ppb
Barium	135-1	2481.05	2475.39	2524.98	2493.81	1.09	ppb
Barium	137-1	2490.55	2493.75	2524.51	2502.94	0.75	ppb
Beryllium	9-1	488.23	485.82	482.34	485.46	0.61	ppb
Bismuth	209-1				100		%
Bismuth	209-2				92		%
Boron	11-1	497.68	497.01	495.79	496.83	0.19	ppb
Boron	10-1	501.29	495.03	495.08	497.14	0.72	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	484.76	485.88	483.50	484.71	0.25	ppb
Cadmium	108-1	479.67	477.37	486.73	481.26	1.01	ppb
Cadmium	111-1	480.92	480.00	486.11	482.34	0.68	ppb
Calcium	43-1	49769.30	49888.73	49623.74	49760.59	0.27	ppb
Calcium	44-1	50756.44	50179.17	50117.80	50351.14	0.70	ppb
Chromium	52-2	501.01	502.08	506.17	503.09	0.54	ppb
Cobalt	59-2	501.86	502.54	507.71	504.04	0.63	ppb
Copper	63-2	5030.23	5086.71	5140.16	5085.70	1.08	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				99		%
Iron	56-2	27213.21	27325.92	27643.49	27394.21	0.81	ppb
Iron	57-2	26713.88	26774.59	26801.17	26763.21	0.17	ppb
Iron	54-2	27664.79	27700.91	28050.49	27805.40	0.77	ppb
Krypton	83-1						cps
Lead	206-1	2499.26	2465.81	2475.87	2480.31	0.69	ppb
Lead	207-1	2500.90	2462.74	2483.54	2482.39	0.77	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	PB131415BS	Instrumnet Name :	P7
Client Sample ID :	PB131415BS	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 18:17:40	DataFile Name :	034DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	2487.10	2461.67	2485.67	2478.15	0.58	ppb
Lithium	6-1				100		%
Magnesium	24-2	54263.09	54507.90	54355.61	54375.53	0.23	ppb
Manganese	55-2	5137.05	5161.71	5199.94	5166.23	0.61	ppb
Molybdenum	94-1	2440.40	2490.74	2458.09	2463.07	1.04	ppb
Molybdenum	95-1	2460.02	2469.17	2457.91	2462.37	0.24	ppb
Molybdenum	96-1	2444.89	2447.45	2442.26	2444.87	0.11	ppb
Molybdenum	97-1	2456.61	2482.19	2446.64	2461.81	0.74	ppb
Molybdenum	98-1	2457.73	2470.42	2474.17	2467.44	0.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	511.96	514.41	516.37	514.25	0.43	ppb
Phosphorus	31-2	9814.99	9983.39	10048.42	9948.93	1.21	ppb
Potassium	39-2	25014.70	25306.35	25225.40	25182.15	0.60	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	82-1	491.30	499.22	497.10	495.87	0.83	ppb
Selenium	77-2	516.36	503.94	511.04	510.45	1.22	ppb
Selenium	78-2	499.95	494.39	496.77	497.04	0.56	ppb
Silicon	28-1	495.46	499.68	497.96	497.70	0.43	ppb
Silver	107-1	500.11	500.14	503.90	501.38	0.43	ppb
Silver	109-1	490.24	497.64	504.03	497.30	1.39	ppb
Sodium	23-2	52807.86	53584.53	52984.52	53125.64	0.77	ppb
Strontium	86-1	483.79	482.15	482.28	482.74	0.19	ppb
Strontium	88-1	494.27	491.13	492.75	492.71	0.32	ppb
Sulfur	34-1	8955.93	9045.93	8964.26	8988.71	0.55	ppb
Terbium	159-1				111		%
Terbium	159-2				102		%
Thallium	203-1	503.11	490.25	494.27	495.88	1.33	ppb
Thallium	205-1	497.83	496.36	497.65	497.28	0.16	ppb
Thorium	232-1	479.63	476.71	477.82	478.05	0.31	ppb
Tin	118-1	501.90	502.68	507.36	503.98	0.59	ppb
Titanium	47-1	2482.96	2445.04	2446.70	2458.23	0.87	ppb
Uranium	238-1	480.19	472.08	471.34	474.54	1.03	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	PB131415BS	Instrumnet Name :	P7
Client Sample ID :	PB131415BS	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 18:17:40	DataFile Name :	034DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	500.87	502.69	505.28	502.95	0.44	ppb
Yttrium	89-1				109		%
Yttrium	89-2				102		%
Zinc	66-2	4786.01	4836.59	4896.41	4839.67	1.14	ppb
Zirconium	91-1	473.76	477.12	477.88	476.26	0.46	ppb
Zirconium	90-1	492.22	492.80	493.94	492.98	0.18	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 18:40:01	DataFile Name :	039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52441.86	52335.62	52483.91	52420.46	0.15	ppb
Antimony	121-1	461.90	479.89	510.30	484.03	5.05	ppb
Arsenic	75-2	451.79	455.35	459.80	455.65	0.88	ppb
Barium	135-1	2357.04	2470.90	2635.18	2487.71	5.62	ppb
Barium	137-1	2380.48	2483.50	2603.20	2489.06	4.48	ppb
Beryllium	9-1	448.58	452.43	488.54	463.18	4.76	ppb
Bismuth	209-1				79		%
Bismuth	209-2				72		%
Boron	11-1	455.02	459.51	501.35	471.96	5.41	ppb
Boron	10-1	458.13	462.65	500.96	473.91	4.97	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	460.74	474.97	498.97	478.22	4.04	ppb
Cadmium	108-1	460.85	477.32	494.46	477.54	3.52	ppb
Cadmium	111-1	451.41	469.79	497.74	472.98	4.93	ppb
Calcium	43-1	225392.70	232988.07	255526.76	237969.18	6.59	ppb
Calcium	44-1	225554.92	229535.50	253819.77	236303.40	6.47	ppb
Chromium	52-2	484.36	488.77	485.23	486.12	0.48	ppb
Cobalt	59-2	476.23	480.73	475.40	477.46	0.60	ppb
Copper	63-2	4791.32	4844.77	4757.98	4798.02	0.91	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						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				92		%
Indium	115-2				85		%
Iron	56-2	127435.97	128777.64	128307.42	128173.68	0.53	ppb
Iron	57-2	127672.72	129911.00	128885.58	128823.10	0.87	ppb
Iron	54-2	127975.28	130155.44	128497.80	128876.18	0.88	ppb
Krypton	83-1						cps
Lead	206-1	2452.33	2475.95	2727.18	2551.82	5.97	ppb
Lead	207-1	2456.09	2488.42	2724.61	2556.37	5.73	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 18:40:01	DataFile Name :	039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	2440.75	2499.87	2709.17	2549.93	5.53	ppb
Lithium	6-1				90		%
Magnesium	24-2	260920.74	263217.45	264592.31	262910.16	0.71	ppb
Manganese	55-2	4948.15	4994.10	4969.25	4970.50	0.46	ppb
Molybdenum	94-1	2384.09	2423.26	2620.40	2475.91	5.12	ppb
Molybdenum	95-1	2393.97	2436.65	2634.09	2488.24	5.15	ppb
Molybdenum	96-1	2369.64	2419.72	2637.00	2475.45	5.74	ppb
Molybdenum	97-1	2368.76	2425.56	2651.43	2481.92	6.02	ppb
Molybdenum	98-1	2367.10	2425.35	2647.20	2479.88	5.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	472.27	475.57	469.62	472.49	0.63	ppb
Phosphorus	31-2	9679.62	9548.15	9622.16	9616.64	0.69	ppb
Potassium	39-2	126335.40	126145.33	126470.65	126317.13	0.13	ppb
Rhodium	103-1				86		%
Rhodium	103-2				81		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	82-1	465.20	475.10	513.18	484.49	5.23	ppb
Selenium	77-2	496.93	506.34	494.83	499.36	1.23	ppb
Selenium	78-2	491.99	494.98	495.72	494.23	0.40	ppb
Silicon	28-1	498.18	509.65	558.32	522.05	6.12	ppb
Silver	107-1	458.09	469.53	493.92	473.85	3.86	ppb
Silver	109-1	444.13	469.32	493.95	469.13	5.31	ppb
Sodium	23-2	254895.99	258422.70	256919.92	256746.20	0.69	ppb
Strontium	86-1	464.19	467.26	514.46	481.97	5.85	ppb
Strontium	88-1	475.31	486.92	524.06	495.43	5.14	ppb
Sulfur	34-1	8307.42	8447.74	9593.86	8783.01	8.04	ppb
Terbium	159-1				96		%
Terbium	159-2				88		%
Thallium	203-1	496.09	509.11	551.09	518.76	5.54	ppb
Thallium	205-1	497.33	506.23	547.47	517.01	5.17	ppb
Thorium	232-1	477.30	495.06	532.65	501.67	5.63	ppb
Tin	118-1	463.86	485.38	518.13	489.12	5.59	ppb
Titanium	47-1	2331.45	2347.70	2567.42	2415.52	5.46	ppb
Uranium	238-1	488.04	497.21	545.20	510.15	6.02	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 18:40:01	DataFile Name :	039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	496.86	500.18	495.21	497.42	0.51	ppb
Yttrium	89-1				96		%
Yttrium	89-2				93		%
Zinc	66-2	4622.21	4673.44	4651.77	4649.14	0.55	ppb
Zirconium	91-1	453.18	463.44	504.77	473.80	5.76	ppb
Zirconium	90-1	471.21	484.27	517.09	490.85	4.82	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 18:52:52	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.11	0.18	0.57	0.62	75.30	ppb
Antimony	121-1	0.09	0.10	0.11	0.10	12.18	ppb
Arsenic	75-2	-0.01	0.01	0.00	0.00	478.60	ppb
Barium	135-1	0.03	0.03	0.03	0.03	14.64	ppb
Barium	137-1	0.04	0.04	0.02	0.03	24.96	ppb
Beryllium	9-1	0.03	0.04	0.03	0.03	10.80	ppb
Bismuth	209-1				98		%
Bismuth	209-2				92		%
Boron	11-1	7.29	7.11	7.16	7.19	1.31	ppb
Boron	10-1	7.28	7.58	7.01	7.29	3.93	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	-3.89	-1.10	-1.88	-2.29		ppb
Cadmium	108-1	-0.05	0.00	-0.02	-0.02		ppb
Cadmium	111-1	-0.30	-0.08	-0.15	-0.17		ppb
Calcium	43-1	1.29	3.30	3.44	2.68	44.99	ppb
Calcium	44-1	4.74	5.04	4.91	4.90	3.01	ppb
Chromium	52-2	0.00	0.01	0.00	0.01	126.16	ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	66.08	ppb
Copper	63-2	0.10	0.08	0.12	0.10	19.72	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				97		%
Indium	115-1				109		%
Indium	115-2				102		%
Iron	56-2	2.16	2.12	2.16	2.15	1.15	ppb
Iron	57-2	2.18	1.98	2.08	2.08	4.74	ppb
Iron	54-2	1.83	2.00	2.04	1.96	5.80	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.11	0.12	0.12	5.44	ppb
Lead	207-1	0.12	0.11	0.12	0.12	3.45	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 18:52:52	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.12	0.11	0.11	0.11	0.68	ppb
Lithium	6-1				101		%
Magnesium	24-2	4.22	3.62	3.41	3.75	11.28	ppb
Manganese	55-2	0.06	0.06	0.07	0.06	14.29	ppb
Molybdenum	94-1	0.06	0.09	0.12	0.09	31.20	ppb
Molybdenum	95-1	0.08	0.07	0.08	0.08	4.59	ppb
Molybdenum	96-1	0.07	0.06	0.09	0.08	18.91	ppb
Molybdenum	97-1	0.07	0.10	0.11	0.09	20.39	ppb
Molybdenum	98-1	0.09	0.08	0.07	0.08	8.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.09	0.08	0.08	15.39	ppb
Phosphorus	31-2	-1.08	-13.47	-11.20	-8.59		ppb
Potassium	39-2	16.43	14.05	13.38	14.62	10.95	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Selenium	82-1	0.00	-0.13	-0.17	-0.10		ppb
Selenium	77-2	0.19	0.00	0.00	0.06	173.21	ppb
Selenium	78-2	0.28	0.06	0.47	0.27	75.70	ppb
Silicon	28-1	1.10	1.63	1.55	1.42	20.12	ppb
Silver	107-1	0.01	0.02	0.01	0.01	31.94	ppb
Silver	109-1	0.02	0.02	0.02	0.02	10.30	ppb
Sodium	23-2	25.92	26.70	25.28	25.97	2.74	ppb
Strontium	86-1	0.04	-0.01	0.02	0.01	154.36	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	380.02	ppb
Sulfur	34-1	-661.75	-611.49	-537.75	-603.66		ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	0.01	0.01	0.01	0.01	26.75	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	18.13	ppb
Thorium	232-1	0.01	0.01	0.02	0.01	9.76	ppb
Tin	118-1	0.03	0.02	0.04	0.03	24.54	ppb
Titanium	47-1	0.03	0.01	0.00	0.02	99.92	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	29.82	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 18:52:52	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.01	0.00	0.00	33.95	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	1.09	0.78	1.06	0.98	17.15	ppb
Zirconium	91-1	0.03	0.03	0.05	0.04	30.07	ppb
Zirconium	90-1	0.01	0.03	0.05	0.03	63.31	ppb

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 15:26:12	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	292	208	175	225	26.71	cps
Antimony	121-1	83	75	217	125	63.60	cps
Arsenic	75-2	20	9	9	13	49.48	cps
Barium	135-1	58	42	75	58	28.57	cps
Barium	137-1	75	75	100	83	17.32	cps
Beryllium	9-1	283	200	228	237	17.90	cps
Bismuth	209-1	17877184	17697773	18025000	17866652	0.92	cps
Bismuth	209-2	10171307	10060762	10353537	10195202	1.45	cps
Boron	11-1	9537	9020	9287	9281	2.79	cps
Boron	10-1	1975	1875	1984	1945	3.10	cps
Bromine	81-1	68402	69427	70293	69374	1.36	cps
Bromine	81-2	50	70	50	57	20.38	cps
Cadmium	106-1	24197	24614	24305	24372	0.89	cps
Cadmium	108-1	33	67	54	51	32.77	cps
Cadmium	111-1	16948	17204	17001	17051	0.79	cps
Calcium	43-1	358	375	417	383	7.84	cps
Calcium	44-1	13390	12873	13365	13209	2.21	cps
Chromium	52-2	1133	900	1057	1030	11.55	cps
Cobalt	59-2	87	133	93	104	24.17	cps
Copper	63-2	4331	4091	4074	4165	3.45	cps
Dysprosium	156-2	27	23	10	20	44.10	cps
Dysprosium	156-1	50	25	75	50	50.00	cps
Erbium	164-1	117	175	125	139	22.72	cps
Erbium	164-2	53	87	63	68	25.24	cps
Gadolinium	160-1	250	317	250	272	14.14	cps
Gadolinium	160-2	640	640	793	691	12.81	cps
Holmium	165-1	29433232	29013443	29250839	29232505	0.72	cps
Holmium	165-2	14089287	14301933	14536924	14309381	1.56	cps
Indium	115-1	23749241	23676649	23748115	23724668	0.18	cps
Indium	115-2	4515369	4559916	4580826	4552037	0.73	cps
Iron	56-2	8208	7869	8753	8277	5.39	cps
Iron	57-2	272	256	339	289	15.26	cps
Iron	54-2	1031	1211	1211	1151	9.04	cps
Krypton	83-1	497	557	477	510	8.16	cps
Lead	206-1	650	756	617	674	10.76	cps
Lead	207-1	611	611	556	593	5.41	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 15:26:12	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	2745	3022	2678	2815	6.49	cps
Lithium	6-1	10783289	10786104	10918425	10829273	0.71	cps
Magnesium	24-2	400	408	442	417	5.29	cps
Manganese	55-2	193	183	223	200	10.41	cps
Molybdenum	94-1	525	675	842	681	23.28	cps
Molybdenum	95-1	158	108	167	144	21.84	cps
Molybdenum	96-1	358	483	375	406	16.74	cps
Molybdenum	97-1	83	33	92	69	45.44	cps
Molybdenum	98-1	250	225	192	222	13.17	cps
Neodymium	150-1	0	7	27	11	124.89	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	197	263	297	252	20.19	cps
Phosphorus	31-2	317	483	392	397	21.02	cps
Potassium	39-2	26449	27627	27092	27056	2.18	cps
Rhodium	103-1	22433932	22391847	22260893	22362224	0.40	cps
Rhodium	103-2	10534620	10585302	10801375	10640432	1.33	cps
Scandium	45-1	18031078	18073213	18052678	18052323	0.12	cps
Scandium	45-2	775568	775621	778326	776505	0.20	cps
Selenium	82-1	140	96	146	127	21.18	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	67	78	74	73	7.77	cps
Silicon	28-1	450534	446523	450585	449214	0.52	cps
Silver	107-1	483	367	333	394	19.97	cps
Silver	109-1	83	50	50	61	31.50	cps
Sodium	23-2	10054	10187	10204	10148	0.81	cps
Strontium	86-1	992	975	758	908	14.33	cps
Strontium	88-1	617	683	650	650	5.13	cps
Sulfur	34-1	719556	721062	717705	719441	0.23	cps
Terbium	159-1	30382765	30034140	29899626	30105510	0.83	cps
Terbium	159-2	14042669	14231770	14361197	14211879	1.13	cps
Thallium	203-1	100	175	117	131	30.16	cps
Thallium	205-1	325	358	308	331	7.70	cps
Thorium	232-1	1383	1500	1522	1469	5.08	cps
Tin	118-1	1050	1042	1208	1100	8.54	cps
Titanium	47-1	200	250	208	219	12.21	cps
Uranium	238-1	75	150	142	122	33.64	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 15:26:12	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	10	13	3	9	57.30	cps
Yttrium	89-1	51666663	51144299	51411709	51407557	0.51	cps
Yttrium	89-2	6797644	6943493	6914945	6885361	1.12	cps
Zinc	66-2	943	1030	903	959	6.75	cps
Zirconium	91-1	300	350	417	356	16.46	cps
Zirconium	90-1	2017	2050	2325	2131	7.94	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 15:29:49	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3951	3917	3251	3706	10.66	cps
Antimony	121-1	28439	28664	27829	28310	1.53	cps
Arsenic	75-2	459	419	437	438	4.65	cps
Barium	135-1	42457	42073	42257	42262	0.45	cps
Barium	137-1	73101	73219	75002	73774	1.44	cps
Beryllium	9-1	5957	5701	5657	5772	2.81	cps
Bismuth	209-1	17865868	17404614	17571046	17613843	1.33	cps
Bismuth	209-2	10083951	10075102	10018902	10059318	0.35	cps
Boron	11-1	141433	141187	141271	141297	0.09	cps
Boron	10-1	30173	29597	29647	29805	1.07	cps
Bromine	81-1	69046	69086	68592	68908	0.40	cps
Bromine	81-2	80	120	80	93	24.75	cps
Cadmium	106-1	24722	24196	23971	24296	1.59	cps
Cadmium	108-1	421	479	438	446	6.74	cps
Cadmium	111-1	21878	21670	21354	21634	1.22	cps
Calcium	43-1	33280	33072	34015	33456	1.48	cps
Calcium	44-1	548634	552473	548899	550002	0.39	cps
Chromium	52-2	10487	9997	9386	9957	5.54	cps
Cobalt	59-2	8319	7345	6958	7541	9.30	cps
Copper	63-2	15131	14427	13603	14387	5.32	cps
Dysprosium	156-2	27	27	17	23	24.74	cps
Dysprosium	156-1	33	33	8	25	57.74	cps
Erbium	164-1	125	142	200	156	25.31	cps
Erbium	164-2	60	87	67	71	19.52	cps
Gadolinium	160-1	300	267	283	283	5.88	cps
Gadolinium	160-2	767	697	660	708	7.66	cps
Holmium	165-1	29198593	29122609	28966333	29095845	0.41	cps
Holmium	165-2	14108228	14276371	14210469	14198356	0.60	cps
Indium	115-1	23844606	23532106	23372762	23583158	1.02	cps
Indium	115-2	4569264	4554011	4576234	4566503	0.25	cps
Iron	56-2	220415	205536	188217	204723	7.87	cps
Iron	57-2	5785	5218	4879	5294	8.65	cps
Iron	54-2	13510	12128	11126	12255	9.77	cps
Krypton	83-1	540	503	603	549	9.22	cps
Lead	206-1	13657	13997	14453	14036	2.84	cps
Lead	207-1	11961	11878	11594	11811	1.63	cps

LB Number : LB110850 Operator : JASWAL
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2020-09-03 15:29:49 DataFile Name : 004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	54111	54684	54651	54482	0.59	cps
Lithium	6-1	10670449	10781742	10711839	10721343	0.52	cps
Magnesium	24-2	217971	205913	189459	204448	7.00	cps
Manganese	55-2	3327	3237	2930	3165	6.57	cps
Molybdenum	94-1	36615	35938	34827	35793	2.52	cps
Molybdenum	95-1	45030	44671	44103	44601	1.05	cps
Molybdenum	96-1	48968	49403	48592	48988	0.83	cps
Molybdenum	97-1	27252	26592	27970	27271	2.53	cps
Molybdenum	98-1	70626	68858	70014	69832	1.29	cps
Neodymium	150-1	13	13	27	18	43.33	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	2527	2267	2207	2334	7.29	cps
Phosphorus	31-2	492	342	408	414	18.16	cps
Potassium	39-2	232216	221015	210834	221355	4.83	cps
Rhodium	103-1	22176223	22053230	22041091	22090181	0.34	cps
Rhodium	103-2	10491337	10461923	10419440	10457567	0.35	cps
Scandium	45-1	17853456	17643646	17789784	17762295	0.61	cps
Scandium	45-2	775857	771528	776771	774719	0.36	cps
Selenium	82-1	2160	2146	1934	2080	6.10	cps
Selenium	77-2	70	63	43	59	23.57	cps
Selenium	78-2	313	287	269	290	7.71	cps
Silicon	28-1	594152	597719	596920	596263	0.31	cps
Silver	107-1	25733	24798	24322	24951	2.88	cps
Silver	109-1	23020	23921	22786	23242	2.58	cps
Sodium	23-2	432151	405292	383078	406841	6.04	cps
Strontium	86-1	6802	7369	7052	7074	4.02	cps
Strontium	88-1	54296	55091	54095	54494	0.97	cps
Sulfur	34-1	705437	704660	713892	707996	0.72	cps
Terbium	159-1	30194164	29981200	29754118	29976494	0.73	cps
Terbium	159-2	14069172	14063260	13874425	14002285	0.79	cps
Thallium	203-1	16044	15802	15818	15888	0.85	cps
Thallium	205-1	38942	37922	38106	38323	1.42	cps
Thorium	232-1	1272	1433	1456	1387	7.21	cps
Tin	118-1	75352	71298	71876	72842	3.01	cps
Titanium	47-1	14474	14658	14074	14402	2.07	cps
Uranium	238-1	47231	46520	47908	47219	1.47	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 15:29:49	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	19436	17150	16700	17762	8.26	cps
Yttrium	89-1	50569678	50899416	50401183	50623425	0.50	cps
Yttrium	89-2	6732977	6788072	6741892	6754314	0.44	cps
Zinc	66-2	3510	3601	3834	3648	4.58	cps
Zirconium	91-1	6752	6794	6560	6702	1.86	cps
Zirconium	90-1	30801	30066	30667	30511	1.28	cps

LB Number : LB110850 Operator : JASWAL
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2020-09-03 15:35:07 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	221787	220554	218762	220367	0.69	cps
Antimony	121-1	774875	766591	764037	768501	0.74	cps
Arsenic	75-2	26764	26930	26263	26652	1.30	cps
Barium	135-1	1122347	1125669	1125503	1124506	0.17	cps
Barium	137-1	1945613	1938608	1928987	1937736	0.43	cps
Beryllium	9-1	287070	284848	278226	283381	1.62	cps
Bismuth	209-1	17624384	17354392	17977164	17651980	1.77	cps
Bismuth	209-2	9794567	9783485	9915970	9831341	0.75	cps
Boron	11-1	283923	284329	281215	283156	0.60	cps
Boron	10-1	59083	60287	59704	59691	1.01	cps
Bromine	81-1	66029	65336	66504	65956	0.89	cps
Bromine	81-2	80	80	100	87	13.33	cps
Cadmium	106-1	53360	53886	52675	53307	1.14	cps
Cadmium	108-1	20219	19877	19384	19827	2.12	cps
Cadmium	111-1	272073	271441	267986	270500	0.81	cps
Calcium	43-1	349844	349365	340341	346517	1.55	cps
Calcium	44-1	5521258	5524569	5474339	5506722	0.51	cps
Chromium	52-2	293994	293090	291566	292883	0.42	cps
Cobalt	59-2	487072	484452	484474	485333	0.31	cps
Copper	63-2	3352455	3335499	3313172	3333709	0.59	cps
Dysprosium	156-2	33	77	33	48	52.37	cps
Dysprosium	156-1	50	25	117	64	74.17	cps
Erbium	164-1	233	150	158	181	25.42	cps
Erbium	164-2	77	60	50	62	21.65	cps
Gadolinium	160-1	250	175	342	256	32.66	cps
Gadolinium	160-2	680	647	790	706	10.63	cps
Holmium	165-1	29046147	28904982	29122484	29024538	0.38	cps
Holmium	165-2	13879111	14126381	14235817	14080436	1.30	cps
Indium	115-1	23139084	23092822	22900942	23044283	0.55	cps
Indium	115-2	4367341	4346211	4393151	4368901	0.54	cps
Iron	56-2	12855061	12881775	12617741	12784859	1.14	cps
Iron	57-2	323580	324119	318676	322125	0.93	cps
Iron	54-2	724302	718193	712811	718436	0.80	cps
Krypton	83-1	527	610	523	553	8.87	cps
Lead	206-1	3651326	3691490	3709870	3684228	0.81	cps
Lead	207-1	3210222	3212485	3276882	3233196	1.17	cps

LB Number : LB110850 Operator : JASWAL
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2020-09-03 15:35:07 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	14533339	14425581	14831036	14596652	1.44	cps
Lithium	6-1	10468430	10455276	10276598	10400101	1.03	cps
Magnesium	24-2	2683931	2699064	2663057	2682017	0.67	cps
Manganese	55-2	1861711	1849383	1833034	1848042	0.78	cps
Molybdenum	94-1	1891316	1876390	1843563	1870423	1.31	cps
Molybdenum	95-1	2308766	2291886	2267041	2289231	0.92	cps
Molybdenum	96-1	2545911	2538925	2490621	2525152	1.19	cps
Molybdenum	97-1	1420427	1411149	1383324	1404966	1.37	cps
Molybdenum	98-1	3659467	3637351	3605869	3634229	0.74	cps
Neodymium	150-1	113	73	133	107	28.64	cps
Neodymium	150-2	20	13	13	16	24.76	cps
Nickel	60-2	129922	128856	128957	129245	0.46	cps
Phosphorus	31-2	13323	12948	13148	13140	1.43	cps
Potassium	39-2	1190273	1185132	1184050	1186485	0.28	cps
Rhodium	103-1	21261589	21360689	21177999	21266759	0.43	cps
Rhodium	103-2	10071605	9959976	10060823	10030801	0.61	cps
Scandium	45-1	16948953	17035534	16868080	16950856	0.49	cps
Scandium	45-2	729782	724589	722912	725761	0.49	cps
Selenium	82-1	19702	19641	19739	19694	0.25	cps
Selenium	77-2	760	787	730	759	3.74	cps
Selenium	78-2	2824	2678	2806	2769	2.88	cps
Silicon	28-1	1248338	1236309	1220452	1235033	1.13	cps
Silver	107-1	1279858	1273010	1271333	1274734	0.35	cps
Silver	109-1	1223403	1219686	1208581	1217224	0.63	cps
Sodium	23-2	4851883	4844362	4864906	4853717	0.21	cps
Strontium	86-1	323751	330734	329717	328067	1.15	cps
Strontium	88-1	2816908	2821003	2803045	2813652	0.33	cps
Sulfur	34-1	822602	807657	793989	808083	1.77	cps
Terbium	159-1	30213038	29934276	29978667	30041994	0.50	cps
Terbium	159-2	13885249	13714461	13943403	13847705	0.86	cps
Thallium	203-1	861420	860338	866694	862817	0.39	cps
Thallium	205-1	2056087	2064218	2056466	2058924	0.22	cps
Thorium	232-1	2780642	2783872	2830750	2798421	1.00	cps
Tin	118-1	771507	767745	764333	767862	0.47	cps
Titanium	47-1	741341	736613	723408	733787	1.27	cps
Uranium	238-1	2646564	2648762	2697449	2664258	1.08	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 15:35:07	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	230274	230853	228034	229720	0.65	cps
Yttrium	89-1	49457658	49515048	48854369	49275691	0.74	cps
Yttrium	89-2	6372618	6431170	6474188	6425992	0.79	cps
Zinc	66-2	479358	475969	470477	475268	0.94	cps
Zirconium	91-1	358989	353943	347754	353562	1.59	cps
Zirconium	90-1	1619168	1606154	1570046	1598456	1.59	cps

LB Number : LB110850 Operator : JASWAL
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2020-09-03 15:39:36 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	550001	546478	550893	549124	0.43	cps
Antimony	121-1	1965162	1975056	1992961	1977726	0.71	cps
Arsenic	75-2	67338	68557	67037	67644	1.19	cps
Barium	135-1	2834190	2865276	2895778	2865081	1.07	cps
Barium	137-1	4940005	4944860	5012036	4965634	0.81	cps
Beryllium	9-1	704779	701774	708063	704872	0.45	cps
Bismuth	209-1	17650339	17648608	17714983	17671310	0.21	cps
Bismuth	209-2	9808527	9883887	9741542	9811319	0.73	cps
Boron	11-1	678895	676899	690544	682113	1.08	cps
Boron	10-1	144518	144858	148886	146087	1.66	cps
Bromine	81-1	63072	61624	63644	62780	1.66	cps
Bromine	81-2	50	120	20	63	81.03	cps
Cadmium	106-1	98357	100421	98391	99056	1.19	cps
Cadmium	108-1	51443	50511	50879	50944	0.92	cps
Cadmium	111-1	658642	656246	653662	656183	0.38	cps
Calcium	43-1	869327	864056	879016	870799	0.87	cps
Calcium	44-1	13819755	13794987	13922347	13845696	0.49	cps
Chromium	52-2	735709	732693	728648	732350	0.48	cps
Cobalt	59-2	1219261	1216811	1199940	1212004	0.87	cps
Copper	63-2	8330563	8235667	9092469	8552900	5.49	cps
Dysprosium	156-2	70	90	100	87	17.63	cps
Dysprosium	156-1	158	117	150	142	15.56	cps
Erbium	164-1	158	142	158	153	6.30	cps
Erbium	164-2	87	97	93	92	5.52	cps
Gadolinium	160-1	292	217	225	244	16.82	cps
Gadolinium	160-2	597	690	723	670	9.80	cps
Holmium	165-1	29420869	29431497	29970405	29607590	1.06	cps
Holmium	165-2	14218187	14302348	14076377	14198971	0.80	cps
Indium	115-1	23052274	22939929	23050774	23014326	0.28	cps
Indium	115-2	4350695	4347924	4375302	4357974	0.35	cps
Iron	56-2	32501163	32322831	32412720	32412238	0.28	cps
Iron	57-2	811454	807296	799496	806082	0.75	cps
Iron	54-2	1814513	1811090	1793206	1806269	0.63	cps
Krypton	83-1	513	550	507	523	4.46	cps
Lead	206-1	9243220	9329626	9306727	9293191	0.48	cps
Lead	207-1	8306635	8287363	8410535	8334844	0.79	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 15:39:36	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	37214066	37155004	37234936	37201335	0.11	cps
Lithium	6-1	10153302	10078329	10285418	10172349	1.03	cps
Magnesium	24-2	6721593	6644266	6700254	6688704	0.60	cps
Manganese	55-2	4671707	4630312	4626806	4642942	0.54	cps
Molybdenum	94-1	4778117	4797001	4801336	4792151	0.26	cps
Molybdenum	95-1	5794964	5818524	5919732	5844407	1.13	cps
Molybdenum	96-1	6453698	6411441	6484564	6449901	0.57	cps
Molybdenum	97-1	3618039	3575855	3610810	3601568	0.63	cps
Molybdenum	98-1	9187159	9146576	9120481	9151406	0.37	cps
Neodymium	150-1	320	367	327	338	7.47	cps
Neodymium	150-2	33	20	30	28	24.98	cps
Nickel	60-2	325750	321359	327091	324733	0.92	cps
Phosphorus	31-2	31868	31058	33447	32125	3.78	cps
Potassium	39-2	2931625	2920836	2973953	2942138	0.95	cps
Rhodium	103-1	20924972	21057255	21230606	21070944	0.73	cps
Rhodium	103-2	9941868	9981560	10001280	9974903	0.30	cps
Scandium	45-1	16749247	16554569	16808565	16704127	0.80	cps
Scandium	45-2	711903	711908	725805	716539	1.12	cps
Selenium	82-1	50078	50349	50168	50198	0.27	cps
Selenium	77-2	2057	2184	2187	2142	3.46	cps
Selenium	78-2	6911	6716	7048	6892	2.42	cps
Silicon	28-1	2281858	2284842	2298990	2288563	0.40	cps
Silver	107-1	3257603	3266175	3289864	3271214	0.51	cps
Silver	109-1	3128112	3119395	3126260	3124589	0.15	cps
Sodium	23-2	12237596	12124701	12134933	12165743	0.51	cps
Strontium	86-1	829626	825979	830920	828842	0.31	cps
Strontium	88-1	7120135	7001282	7179833	7100417	1.28	cps
Sulfur	34-1	957917	938895	937035	944616	1.22	cps
Terbium	159-1	30277982	30235043	30386019	30299681	0.26	cps
Terbium	159-2	13936975	13941339	13857689	13912001	0.34	cps
Thallium	203-1	2205523	2187446	2230277	2207749	0.97	cps
Thallium	205-1	5289192	5290413	5315956	5298520	0.29	cps
Thorium	232-1	7587746	7508677	7618272	7571565	0.75	cps
Tin	118-1	1945577	1948463	1969555	1954532	0.67	cps
Titanium	47-1	1831096	1829240	1851614	1837316	0.68	cps
Uranium	238-1	7197012	7207857	7236908	7213926	0.29	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 15:39:36	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	584875	578951	583882	582569	0.54	cps
Yttrium	89-1	49605201	48970384	49850341	49475309	0.92	cps
Yttrium	89-2	6411169	6474420	6483571	6456387	0.61	cps
Zinc	66-2	1206815	1202755	1240158	1216576	1.69	cps
Zirconium	91-1	913981	914529	924001	917504	0.61	cps
Zirconium	90-1	4128445	4105349	4166877	4133557	0.75	cps

LB Number : LB110850 Operator : JASWAL
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2020-09-03 15:43:19 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1112695	1097661	1111330	1107229	0.75	cps
Antimony	121-1	3957599	3984771	3961384	3967918	0.37	cps
Arsenic	75-2	137128	136621	136566	136772	0.23	cps
Barium	135-1	5719169	5781553	5784831	5761851	0.64	cps
Barium	137-1	9826978	9991930	9912904	9910604	0.83	cps
Beryllium	9-1	1366668	1371212	1366358	1368079	0.20	cps
Bismuth	209-1	17718976	17704932	17588648	17670852	0.40	cps
Bismuth	209-2	8199868	10912697	9807187	9639917	14.15	cps
Boron	11-1	1313564	1345523	1352963	1337350	1.57	cps
Boron	10-1	283367	283274	283721	283454	0.08	cps
Bromine	81-1	65346	63775	64320	64480	1.24	cps
Bromine	81-2	80	30	80	63	45.58	cps
Cadmium	106-1	176240	172276	173247	173921	1.19	cps
Cadmium	108-1	100087	100391	100188	100222	0.15	cps
Cadmium	111-1	1287311	1286760	1296079	1290050	0.41	cps
Calcium	43-1	1731283	1737873	1729210	1732788	0.26	cps
Calcium	44-1	27626752	27665944	27526888	27606528	0.26	cps
Chromium	52-2	1479897	1456856	1480815	1472523	0.92	cps
Cobalt	59-2	2445765	2400254	2434478	2426832	0.98	cps
Copper	63-2	16504046	16221651	16433541	16386412	0.90	cps
Dysprosium	156-2	147	193	197	179	15.63	cps
Dysprosium	156-1	150	225	258	211	26.28	cps
Erbium	164-1	200	208	200	203	2.37	cps
Erbium	164-2	73	60	77	70	12.60	cps
Gadolinium	160-1	392	358	250	333	22.22	cps
Gadolinium	160-2	603	810	693	702	14.76	cps
Holmium	165-1	30111932	30075470	29821186	30002863	0.53	cps
Holmium	165-2	11981011	16107342	14513762	14200705	14.65	cps
Indium	115-1	23128403	23073754	23208864	23137007	0.29	cps
Indium	115-2	3626012	4869326	4416000	4303779	14.62	cps
Iron	56-2	65750204	64599904	64898353	65082820	0.92	cps
Iron	57-2	1630824	1611591	1623058	1621824	0.60	cps
Iron	54-2	3624334	3593750	3633328	3617137	0.57	cps
Krypton	83-1	507	527	557	530	4.75	cps
Lead	206-1	18564407	18697637	18554329	18605458	0.43	cps
Lead	207-1	16650259	16547142	16595512	16597638	0.31	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 15:43:19	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	74281554	74357928	74297694	74312392	0.05	cps
Lithium	6-1	10049801	10011556	10107115	10056157	0.48	cps
Magnesium	24-2	13464501	13246176	13371027	13360568	0.82	cps
Manganese	55-2	9403555	9292719	9350914	9349063	0.59	cps
Molybdenum	94-1	9588986	9560559	9634629	9594725	0.39	cps
Molybdenum	95-1	11705400	11716302	11829884	11750529	0.59	cps
Molybdenum	96-1	12930505	12940531	13017920	12962985	0.37	cps
Molybdenum	97-1	7191216	7197498	7250011	7212908	0.45	cps
Molybdenum	98-1	18498245	18490757	18532684	18507229	0.12	cps
Neodymium	150-1	693	760	780	744	6.10	cps
Neodymium	150-2	57	40	57	51	18.83	cps
Nickel	60-2	642994	641383	642348	642241	0.13	cps
Phosphorus	31-2	64674	64005	64876	64518	0.71	cps
Potassium	39-2	5870827	5822973	5863291	5852364	0.44	cps
Rhodium	103-1	21023205	20818486	21143684	20995125	0.78	cps
Rhodium	103-2	8252841	11094182	10018178	9788401	14.66	cps
Scandium	45-1	16878077	16973465	16817067	16889536	0.47	cps
Scandium	45-2	600483	813168	733738	715796	15.01	cps
Selenium	82-1	99575	100055	100624	100085	0.52	cps
Selenium	77-2	3974	4237	4024	4078	3.43	cps
Selenium	78-2	14266	14316	14240	14274	0.27	cps
Silicon	28-1	4099874	4129696	4145404	4124991	0.56	cps
Silver	107-1	6382333	6354008	6372659	6369667	0.23	cps
Silver	109-1	6044780	6052024	6018316	6038374	0.29	cps
Sodium	23-2	24562160	24401673	24627487	24530440	0.47	cps
Strontium	86-1	1661096	1658637	1666865	1662199	0.25	cps
Strontium	88-1	14227414	14149563	14347518	14241498	0.70	cps
Sulfur	34-1	1225259	1228620	1219500	1224460	0.38	cps
Terbium	159-1	30533020	30631934	30978894	30714616	0.76	cps
Terbium	159-2	11961090	16008809	14525518	14165139	14.46	cps
Thallium	203-1	4437243	4439288	4406752	4427761	0.41	cps
Thallium	205-1	10417334	10590075	10455995	10487801	0.86	cps
Thorium	232-1	15138733	15254424	15454564	15282574	1.05	cps
Tin	118-1	3948757	3921308	3910049	3926705	0.51	cps
Titanium	47-1	3673252	3668222	3689611	3677028	0.30	cps
Uranium	238-1	14289446	14593726	14535169	14472780	1.12	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 15:43:19	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1178536	1157978	1173759	1170091	0.92	cps
Yttrium	89-1	49530694	49553384	50523886	49869321	1.14	cps
Yttrium	89-2	5534227	7316387	6604606	6485073	13.83	cps
Zinc	66-2	2401850	2364616	2388593	2385020	0.79	cps
Zirconium	91-1	1842461	1836846	1861666	1846991	0.70	cps
Zirconium	90-1	8302181	8332462	8379095	8337913	0.46	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 15:46:54	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2218494	2220969	2230387	2223283	0.28	cps
Antimony	121-1	8119180	8082479	8126773	8109477	0.29	cps
Arsenic	75-2	275623	278768	274777	276389	0.76	cps
Barium	135-1	11520463	11555608	11611769	11562613	0.40	cps
Barium	137-1	19992789	20158734	20192472	20114665	0.53	cps
Beryllium	9-1	2696912	2717408	2715717	2710013	0.42	cps
Bismuth	209-1	17385854	17418301	17437472	17413876	0.15	cps
Bismuth	209-2	9542029	9523295	9952272	9672532	2.51	cps
Boron	11-1	2629788	2692970	2693094	2671951	1.37	cps
Boron	10-1	564685	567939	575206	569277	0.95	cps
Bromine	81-1	63625	65485	64360	64490	1.45	cps
Bromine	81-2	110	60	50	73	43.84	cps
Cadmium	106-1	317471	321635	323183	320763	0.92	cps
Cadmium	108-1	200693	198819	198481	199331	0.60	cps
Cadmium	111-1	2552886	2549474	2548173	2550178	0.10	cps
Calcium	43-1	3544272	3543737	3526847	3538285	0.28	cps
Calcium	44-1	56294249	56237597	56381539	56304462	0.13	cps
Chromium	52-2	2983579	2982254	2953339	2973057	0.57	cps
Cobalt	59-2	4839783	4850685	4813991	4834820	0.39	cps
Copper	63-2	32743540	32396957	32228099	32456199	0.81	cps
Dysprosium	156-2	340	300	407	349	15.45	cps
Dysprosium	156-1	450	500	417	456	9.21	cps
Erbium	164-1	175	300	233	236	26.49	cps
Erbium	164-2	100	103	107	103	3.23	cps
Gadolinium	160-1	542	567	550	553	2.30	cps
Gadolinium	160-2	727	783	717	742	4.84	cps
Holmium	165-1	30290066	30770912	30819155	30626711	0.96	cps
Holmium	165-2	14472222	14582947	15143327	14732832	2.44	cps
Indium	115-1	23303487	23129969	23365186	23266214	0.52	cps
Indium	115-2	4318486	4345595	4562264	4408782	3.03	cps
Iron	56-2	131487639	131535470	129377408	130800172	0.94	cps
Iron	57-2	3258064	3228549	3229726	3238780	0.52	cps
Iron	54-2	6580260	6661427	6656418	6632702	0.69	cps
Krypton	83-1	577	600	557	578	3.75	cps
Lead	206-1	37018740	36919586	37519738	37152688	0.87	cps
Lead	207-1	33113767	33392102	33462738	33322869	0.55	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 15:46:54	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	148031820	148489145	149220901	148580622	0.40	cps
Lithium	6-1	10055715	10087822	10050761	10064766	0.20	cps
Magnesium	24-2	26790595	26774592	26755027	26773405	0.07	cps
Manganese	55-2	18894302	18720148	18892949	18835800	0.53	cps
Molybdenum	94-1	19591979	19711356	19767085	19690140	0.45	cps
Molybdenum	95-1	23874127	24153745	23951967	23993280	0.60	cps
Molybdenum	96-1	26490003	26651093	26428589	26523228	0.43	cps
Molybdenum	97-1	14715346	14773278	14812637	14767087	0.33	cps
Molybdenum	98-1	37701785	37881983	37833883	37805884	0.25	cps
Neodymium	150-1	1320	1513	1353	1396	7.41	cps
Neodymium	150-2	123	117	127	122	4.17	cps
Nickel	60-2	1276975	1272927	1264996	1271633	0.48	cps
Phosphorus	31-2	130845	133955	130425	131742	1.46	cps
Potassium	39-2	11890190	12137179	11894445	11973938	1.18	cps
Rhodium	103-1	20789692	20960846	21033529	20928022	0.60	cps
Rhodium	103-2	9797772	9949365	10350557	10032564	2.85	cps
Scandium	45-1	17032914	17204763	17232086	17156588	0.63	cps
Scandium	45-2	734671	757495	779745	757304	2.98	cps
Selenium	82-1	201304	200681	200226	200737	0.27	cps
Selenium	77-2	8239	8266	8523	8343	1.88	cps
Selenium	78-2	28623	28215	28131	28323	0.93	cps
Silicon	28-1	6683462	6838141	6750699	6757434	1.15	cps
Silver	107-1	12762250	12696767	12689797	12716271	0.31	cps
Silver	109-1	12217443	12197443	12117190	12177359	0.44	cps
Sodium	23-2	49632700	49871451	49783154	49762435	0.24	cps
Strontium	86-1	3382024	3393989	3353792	3376602	0.61	cps
Strontium	88-1	29085426	29198757	29004580	29096254	0.34	cps
Sulfur	34-1	1900626	1914301	1893957	1902961	0.54	cps
Terbium	159-1	30971429	30920220	31136254	31009301	0.36	cps
Terbium	159-2	14193775	14190133	14814058	14399322	2.49	cps
Thallium	203-1	8854122	8807022	8984557	8881901	1.04	cps
Thallium	205-1	20781455	20717030	21047952	20848812	0.84	cps
Thorium	232-1	31198563	31318308	31175729	31230867	0.25	cps
Tin	118-1	7960772	7975407	7917234	7951137	0.38	cps
Titanium	47-1	7514824	7525916	7581261	7540667	0.47	cps
Uranium	238-1	29246903	29515512	29514916	29425777	0.53	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 15:46:54	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2395903	2405121	2372420	2391148	0.71	cps
Yttrium	89-1	50879351	50895426	50924809	50899862	0.05	cps
Yttrium	89-2	6573064	6627726	6931816	6710868	2.88	cps
Zinc	66-2	4708011	4722454	4690294	4706920	0.34	cps
Zirconium	91-1	3715412	3751323	3777209	3747981	0.83	cps
Zirconium	90-1	17043584	17043999	17095129	17060904	0.17	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 15:50:26	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4339117	4337793	4374068	4350326	0.47	cps
Antimony	121-1	15575918	15571658	15589625	15579067	0.06	cps
Arsenic	75-2	531502	532988	536989	533826	0.53	cps
Barium	135-1	22674729	22589909	22530962	22598533	0.32	cps
Barium	137-1	39114083	39097906	39402561	39204850	0.44	cps
Beryllium	9-1	5088352	5075953	5155287	5106531	0.84	cps
Bismuth	209-1	16843112	16992124	16773166	16869467	0.66	cps
Bismuth	209-2	9038750	9074402	9113794	9075649	0.41	cps
Boron	11-1	5103832	5242809	5223275	5189972	1.45	cps
Boron	10-1	1076123	1101550	1092518	1090064	1.18	cps
Bromine	81-1	67426	68543	68846	68271	1.10	cps
Bromine	81-2	90	120	100	103	14.79	cps
Cadmium	106-1	617677	617879	619299	618285	0.14	cps
Cadmium	108-1	398638	400885	402262	400595	0.46	cps
Cadmium	111-1	5124914	5065942	5102158	5097671	0.58	cps
Calcium	43-1	6891742	6976888	6985442	6951357	0.75	cps
Calcium	44-1	110763723	111323915	111702548	111263396	0.42	cps
Chromium	52-2	5742338	5903959	5839301	5828533	1.40	cps
Cobalt	59-2	9482525	9397887	9526217	9468876	0.69	cps
Copper	63-2	64331924	64716972	64523964	64524287	0.30	cps
Dysprosium	156-2	527	643	553	574	10.64	cps
Dysprosium	156-1	700	717	758	725	4.14	cps
Erbium	164-1	233	258	183	225	16.97	cps
Erbium	164-2	83	60	133	92	40.63	cps
Gadolinium	160-1	758	600	533	631	18.33	cps
Gadolinium	160-2	783	940	887	870	9.16	cps
Holmium	165-1	30680595	30594959	30662567	30646040	0.15	cps
Holmium	165-2	14320711	14309762	14500642	14377039	0.75	cps
Indium	115-1	23189943	22802355	23179840	23057379	0.96	cps
Indium	115-2	4219129	4221511	4296838	4245826	1.04	cps
Iron	56-2	254683300	255838111	258687295	256402902	0.80	cps
Iron	57-2	6308291	6357506	6347573	6337790	0.41	cps
Iron	54-2	12643620	12808927	12831956	12761501	0.81	cps
Krypton	83-1	703	627	680	670	5.87	cps
Lead	206-1	70695004	70536025	71295252	70842094	0.57	cps
Lead	207-1	63391882	62825429	63571838	63263050	0.62	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 15:50:26	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	284454212	282848802	284541404	283948139	0.34	cps
Lithium	6-1	10012618	10012876	10043799	10023098	0.18	cps
Magnesium	24-2	52417395	53181947	53029928	52876423	0.77	cps
Manganese	55-2	36572904	36989760	37176949	36913204	0.84	cps
Molybdenum	94-1	38370384	38019474	38534983	38308280	0.69	cps
Molybdenum	95-1	46805867	46305753	47598941	46903520	1.39	cps
Molybdenum	96-1	51562406	51541288	52856514	51986736	1.45	cps
Molybdenum	97-1	28696438	29034624	29256704	28995922	0.97	cps
Molybdenum	98-1	73909158	73955164	73721458	73861927	0.17	cps
Neodymium	150-1	2660	2834	2740	2745	3.16	cps
Neodymium	150-2	183	217	213	204	8.98	cps
Nickel	60-2	2403880	2407879	2425497	2412419	0.48	cps
Phosphorus	31-2	255742	252975	258353	255690	1.05	cps
Potassium	39-2	23333297	23636989	23664817	23545035	0.78	cps
Rhodium	103-1	20483931	20433907	20418396	20445411	0.17	cps
Rhodium	103-2	9590627	9712826	9669194	9657549	0.64	cps
Scandium	45-1	17381969	17503094	17565361	17483475	0.53	cps
Scandium	45-2	754096	755865	760900	756954	0.47	cps
Selenium	82-1	382772	382856	383703	383110	0.13	cps
Selenium	77-2	16096	15699	16029	15941	1.33	cps
Selenium	78-2	53600	54095	54606	54100	0.93	cps
Silicon	28-1	12789870	13044883	13003556	12946103	1.06	cps
Silver	107-1	24104908	24176630	24109488	24130342	0.17	cps
Silver	109-1	23283088	23092704	23280629	23218807	0.47	cps
Sodium	23-2	97618133	98149102	99006338	98257858	0.71	cps
Strontium	86-1	6728031	6598358	6645500	6657296	0.99	cps
Strontium	88-1	57391662	56479151	56973210	56948008	0.80	cps
Sulfur	34-1	3212404	3239007	3234238	3228550	0.44	cps
Terbium	159-1	31237484	30707277	31166435	31037065	0.93	cps
Terbium	159-2	14043160	14186955	14435594	14221903	1.40	cps
Thallium	203-1	16860683	16989286	16960760	16936910	0.40	cps
Thallium	205-1	40165964	40133287	40029007	40109420	0.18	cps
Thorium	232-1	60308525	60156771	59967100	60144132	0.28	cps
Tin	118-1	15552783	15219806	15521174	15431254	1.19	cps
Titanium	47-1	14872828	15054467	14941740	14956345	0.61	cps
Uranium	238-1	57163495	55948187	55823862	56311848	1.31	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 15:50:26	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	4683862	4704675	4711989	4700175	0.31	cps
Yttrium	89-1	51329204	50752341	50937066	51006204	0.58	cps
Yttrium	89-2	6747639	6687967	6728634	6721413	0.45	cps
Zinc	66-2	9669668	9552739	9671806	9631404	0.71	cps
Zirconium	91-1	7524620	7401955	7501817	7476130	0.87	cps
Zirconium	90-1	33582496	32989865	33109024	33227128	0.94	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 15:53:57	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22017821	22269690	22260471	22182660	0.64	cps
Antimony	121-1	11680	12806	13766	12751	8.19	cps
Arsenic	75-2	174	200	237	204	15.53	cps
Barium	135-1	36657	36181	34945	35928	2.46	cps
Barium	137-1	65061	63814	62802	63892	1.77	cps
Beryllium	9-1	756	756	722	744	2.59	cps
Bismuth	209-1	12822231	12902444	12775277	12833318	0.50	cps
Bismuth	209-2	7138078	7190057	7171491	7166542	0.37	cps
Boron	11-1	140329	131628	126392	132783	5.30	cps
Boron	10-1	30682	27350	26040	28024	8.54	cps
Bromine	81-1	64610	65113	66832	65518	1.78	cps
Bromine	81-2	70	90	70	77	15.07	cps
Cadmium	106-1	23462	22661	23011	23045	1.74	cps
Cadmium	108-1	300	275	271	282	5.60	cps
Cadmium	111-1	17918	17474	17618	17670	1.28	cps
Calcium	43-1	32779700	32344687	32592061	32572149	0.67	cps
Calcium	44-1	523404445	526658145	521870145	523977578	0.47	cps
Chromium	52-2	7846	8356	8106	8102	3.15	cps
Cobalt	59-2	17357	17077	17481	17305	1.20	cps
Copper	63-2	15235	15061	15085	15127	0.62	cps
Dysprosium	156-2	607	677	630	638	5.59	cps
Dysprosium	156-1	1283	1275	1325	1295	2.07	cps
Erbium	164-1	383	242	217	281	32.04	cps
Erbium	164-2	137	133	113	128	9.88	cps
Gadolinium	160-1	1583	1634	1442	1553	6.40	cps
Gadolinium	160-2	1337	1377	1253	1322	4.76	cps
Holmium	165-1	26838469	26761570	26571335	26723791	0.51	cps
Holmium	165-2	12844159	12917885	12839660	12867235	0.34	cps
Indium	115-1	20188500	20049456	19964967	20067641	0.56	cps
Indium	115-2	3894129	3920788	3876612	3897176	0.57	cps
Iron	56-2	1173606382	1177332026	1176271982	1175736797	0.16	cps
Iron	57-2	29053465	29466655	29201540	29240553	0.72	cps
Iron	54-2	57760159	57835046	57653725	57749643	0.16	cps
Krypton	83-1	677	680	807	721	10.28	cps
Lead	206-1	23766	22058	20477	22100	7.44	cps
Lead	207-1	20310	18625	17751	18895	6.88	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 15:53:57	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	91478	86256	80797	86177	6.20	cps
Lithium	6-1	9047933	9171406	9119033	9112791	0.68	cps
Magnesium	24-2	243594680	244078639	243581422	243751580	0.12	cps
Manganese	55-2	26227	26133	25769	26043	0.93	cps
Molybdenum	94-1	15034	14942	15117	15031	0.58	cps
Molybdenum	95-1	19597	20515	20415	20176	2.50	cps
Molybdenum	96-1	52122	50290	50257	50889	2.10	cps
Molybdenum	97-1	10396	10271	10071	10246	1.60	cps
Molybdenum	98-1	23220	22510	22636	22788	1.66	cps
Neodymium	150-1	60	47	73	60	22.22	cps
Neodymium	150-2	20	23	13	19	26.96	cps
Nickel	60-2	3480	3717	3657	3618	3.40	cps
Phosphorus	31-2	675	550	467	564	18.60	cps
Potassium	39-2	116911544	116313819	115909236	116378200	0.43	cps
Rhodium	103-1	17309705	17277194	17169524	17252141	0.43	cps
Rhodium	103-2	8025281	8211436	8117649	8118122	1.15	cps
Scandium	45-1	16493592	16577143	16540021	16536919	0.25	cps
Scandium	45-2	728110	741158	733897	734388	0.89	cps
Selenium	82-1	409	430	287	375	20.52	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	87	70	107	88	21.02	cps
Silicon	28-1	780602	773422	769196	774407	0.74	cps
Silver	107-1	11555	12231	11272	11686	4.22	cps
Silver	109-1	10788	10863	10955	10869	0.77	cps
Sodium	23-2	468470094	466842460	464204010	466505522	0.46	cps
Strontium	86-1	34259	33991	33949	34066	0.49	cps
Strontium	88-1	292413	284104	287528	288015	1.45	cps
Sulfur	34-1	553165	558041	558838	556681	0.55	cps
Terbium	159-1	27201485	27438584	27369707	27336592	0.45	cps
Terbium	159-2	12489591	12673421	12488116	12550376	0.85	cps
Thallium	203-1	1692	1350	1217	1420	17.26	cps
Thallium	205-1	3976	2875	3142	3331	17.23	cps
Thorium	232-1	13229	13841	13991	13687	2.95	cps
Tin	118-1	5785	6035	6060	5960	2.55	cps
Titanium	47-1	3059	3000	2984	3014	1.31	cps
Uranium	238-1	7903	6894	7086	7294	7.35	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 15:53:57	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	930	987	1017	978	4.50	cps
Yttrium	89-1	46221064	46173056	45999358	46131159	0.25	cps
Yttrium	89-2	6310663	6476689	6397167	6394840	1.30	cps
Zinc	66-2	10574	10818	10701	10697	1.14	cps
Zirconium	91-1	2442	2275	2742	2486	9.51	cps
Zirconium	90-1	11989	11997	12247	12078	1.22	cps

LB Number : LB110850 Operator : JASWAL
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2020-09-03 16:15:03 DataFile Name : 011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117424	117501	115098	116674	1.17	cps
Antimony	121-1	3150682	3165750	3186023	3167485	0.56	cps
Arsenic	75-2	116779	117139	116450	116789	0.30	cps
Barium	135-1	468637	468251	473653	470180	0.64	cps
Barium	137-1	827535	808987	818887	818470	1.13	cps
Beryllium	9-1	564203	567825	566118	566049	0.32	cps
Bismuth	209-1	18259922	18576566	18714013	18516834	1.26	cps
Bismuth	209-2	10296037	10402357	10312176	10336857	0.55	cps
Boron	11-1	3003032	3038431	2986020	3009161	0.89	cps
Boron	10-1	634174	642687	634292	637051	0.77	cps
Bromine	81-1	76209	74951	74941	75367	0.97	cps
Bromine	81-2	0	80	110	63	89.78	cps
Cadmium	106-1	164304	149988	150738	155010	5.20	cps
Cadmium	108-1	72326	70356	73313	71999	2.09	cps
Cadmium	111-1	594074	584446	588116	588879	0.83	cps
Calcium	43-1	177941	176602	175967	176837	0.57	cps
Calcium	44-1	2618464	2613424	2572048	2601312	0.98	cps
Chromium	52-2	618953	620911	612898	617588	0.68	cps
Cobalt	59-2	1034775	1031754	1024554	1030361	0.51	cps
Copper	63-2	734857	735525	731637	734006	0.28	cps
Dysprosium	156-2	30	37	33	33	10.01	cps
Dysprosium	156-1	42	50	50	47	10.18	cps
Erbium	164-1	175	142	242	186	27.36	cps
Erbium	164-2	50	50	67	56	17.32	cps
Gadolinium	160-1	242	267	367	292	22.68	cps
Gadolinium	160-2	673	757	710	713	5.86	cps
Holmium	165-1	30677377	31501530	31066745	31081884	1.33	cps
Holmium	165-2	14916318	14888610	14767702	14857543	0.53	cps
Indium	115-1	24645098	24504000	25146348	24765149	1.36	cps
Indium	115-2	4666967	4672818	4676121	4671968	0.10	cps
Iron	56-2	10808431	10796985	10719678	10775031	0.45	cps
Iron	57-2	268875	270958	269252	269695	0.41	cps
Iron	54-2	614423	611343	616380	614049	0.41	cps
Krypton	83-1	563	653	630	616	7.59	cps
Lead	206-1	3051790	3034468	3035998	3040752	0.32	cps
Lead	207-1	2510398	2472436	2487784	2490206	0.77	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 16:15:03	DataFile Name :	011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	11744815	11704419	11749646	11732960	0.21	cps
Lithium	6-1	10824213	10736474	10771099	10777262	0.41	cps
Magnesium	24-2	645718	642380	639224	642441	0.51	cps
Manganese	55-2	393128	391077	388430	390878	0.60	cps
Molybdenum	94-1	20524375	20514117	20528679	20522390	0.04	cps
Molybdenum	95-1	25093153	25124158	25133313	25116875	0.08	cps
Molybdenum	96-1	27775603	28029375	27957053	27920677	0.47	cps
Molybdenum	97-1	15556153	15676968	15532822	15588648	0.50	cps
Molybdenum	98-1	39616457	39861826	40446813	39975032	1.07	cps
Neodymium	150-1	53	60	100	71	35.49	cps
Neodymium	150-2	10	23	20	18	39.03	cps
Nickel	60-2	276986	275570	274614	275723	0.43	cps
Phosphorus	31-2	375	425	392	397	6.41	cps
Potassium	39-2	987053	984320	978622	983332	0.44	cps
Rhodium	103-1	23868861	23405386	23692471	23655573	0.99	cps
Rhodium	103-2	10947910	10903321	10754398	10868543	0.93	cps
Scandium	45-1	18768423	18653320	18374796	18598846	1.09	cps
Scandium	45-2	793779	792944	790798	792507	0.19	cps
Selenium	82-1	86570	85269	86659	86166	0.90	cps
Selenium	77-2	3507	3410	3457	3458	1.40	cps
Selenium	78-2	12196	12120	12137	12151	0.33	cps
Silicon	28-1	7482334	7547171	7487274	7505593	0.48	cps
Silver	107-1	1341522	1308929	1343926	1331459	1.47	cps
Silver	109-1	1227542	1217300	1248686	1231176	1.30	cps
Sodium	23-2	1987526	1969817	1961495	1972946	0.67	cps
Strontium	86-1	3597961	3598128	3613637	3603242	0.25	cps
Strontium	88-1	31174798	31337579	31259459	31257278	0.26	cps
Sulfur	34-1	649709	655975	648230	651305	0.63	cps
Terbium	159-1	32071929	31610362	31968433	31883575	0.76	cps
Terbium	159-2	14719624	14701568	14527602	14649598	0.72	cps
Thallium	203-1	3591307	3644375	3601323	3612335	0.78	cps
Thallium	205-1	8645301	8564757	8641357	8617138	0.53	cps
Thorium	232-1	272733	276220	278495	275816	1.05	cps
Tin	118-1	8448347	8526468	8391725	8455513	0.80	cps
Titanium	47-1	8125099	8107248	8065781	8099376	0.38	cps
Uranium	238-1	28560514	28756533	29229644	28848897	1.19	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 16:15:03	DataFile Name :	011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	514573	511811	504142	510175	1.06	cps
Yttrium	89-1	54700998	54903869	54313288	54639385	0.55	cps
Yttrium	89-2	7053761	7049111	6963928	7022266	0.72	cps
Zinc	66-2	200652	201664	197945	200087	0.96	cps
Zirconium	91-1	3859451	3865632	3853516	3859533	0.16	cps
Zirconium	90-1	17706760	17730043	17731534	17722779	0.08	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 16:31:19	DataFile Name :	012LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5101	4959	5451	5171	4.90	cps
Antimony	121-1	32923	31311	32656	32296	2.67	cps
Arsenic	75-2	665	541	533	580	12.74	cps
Barium	135-1	45091	45316	46194	45534	1.28	cps
Barium	137-1	78573	78321	79898	78930	1.07	cps
Beryllium	9-1	6251	6402	6068	6240	2.68	cps
Bismuth	209-1	18109255	18119554	18396481	18208430	0.89	cps
Bismuth	209-2	10178785	10195710	10253981	10209492	0.39	cps
Boron	11-1	166400	169314	169491	168401	1.03	cps
Boron	10-1	35919	34925	34758	35200	1.78	cps
Bromine	81-1	80103	78654	78674	79144	1.05	cps
Bromine	81-2	110	50	50	70	49.49	cps
Cadmium	106-1	25674	25015	25950	25546	1.88	cps
Cadmium	108-1	404	488	442	444	9.39	cps
Cadmium	111-1	22740	21907	22673	22440	2.06	cps
Calcium	43-1	37775	36855	36705	37112	1.56	cps
Calcium	44-1	603139	604318	606162	604540	0.25	cps
Chromium	52-2	13643	13750	14147	13847	1.92	cps
Cobalt	59-2	10387	10834	10634	10618	2.11	cps
Copper	63-2	18211	18188	18362	18254	0.52	cps
Dysprosium	156-2	10	17	33	20	60.08	cps
Dysprosium	156-1	42	33	33	36	13.33	cps
Erbium	164-1	150	175	200	175	14.28	cps
Erbium	164-2	70	73	47	63	22.94	cps
Gadolinium	160-1	308	233	267	269	13.95	cps
Gadolinium	160-2	770	700	753	741	4.93	cps
Holmium	165-1	30888995	30857785	30828174	30858318	0.10	cps
Holmium	165-2	14771110	14744641	14934031	14816594	0.69	cps
Indium	115-1	25565495	25425714	25257390	25416200	0.61	cps
Indium	115-2	4811369	4811610	4796510	4806496	0.18	cps
Iron	56-2	296991	302105	300722	299939	0.88	cps
Iron	57-2	8119	7947	7880	7982	1.55	cps
Iron	54-2	17980	18230	17549	17920	1.92	cps
Krypton	83-1	613	607	520	580	8.98	cps
Lead	206-1	15026	14675	14797	14833	1.20	cps
Lead	207-1	12656	13146	12790	12864	1.97	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 16:31:19	DataFile Name :	012LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	57739	58524	58485	58249	0.76	cps
Lithium	6-1	11257712	11256929	11158811	11224484	0.51	cps
Magnesium	24-2	279222	278520	279990	279244	0.26	cps
Manganese	55-2	4197	4557	4231	4328	4.60	cps
Molybdenum	94-1	39639	41778	40751	40723	2.63	cps
Molybdenum	95-1	48985	49378	48742	49035	0.65	cps
Molybdenum	96-1	55726	55292	55200	55406	0.51	cps
Molybdenum	97-1	30258	30107	29607	29991	1.14	cps
Molybdenum	98-1	77302	75341	78047	76897	1.82	cps
Neodymium	150-1	13	7	20	13	49.99	cps
Neodymium	150-2	7	10	0	6	91.64	cps
Nickel	60-2	3167	3014	3280	3154	4.24	cps
Phosphorus	31-2	358	392	475	408	14.72	cps
Potassium	39-2	277278	271481	273833	274197	1.06	cps
Rhodium	103-1	23679840	23959895	23828195	23822643	0.59	cps
Rhodium	103-2	11103050	11144223	11083774	11110349	0.28	cps
Scandium	45-1	19319623	19169683	19101526	19196944	0.58	cps
Scandium	45-2	822816	820514	823847	822392	0.21	cps
Selenium	82-1	2008	2131	2141	2093	3.53	cps
Selenium	77-2	113	117	107	112	4.54	cps
Selenium	78-2	428	383	402	404	5.52	cps
Silicon	28-1	692321	690976	693346	692215	0.17	cps
Silver	107-1	26659	27085	26551	26765	1.06	cps
Silver	109-1	24722	24589	25391	24901	1.73	cps
Sodium	23-2	533313	529124	533136	531858	0.45	cps
Strontium	86-1	7661	8061	7978	7900	2.67	cps
Strontium	88-1	59265	60269	59617	59717	0.85	cps
Sulfur	34-1	732603	729141	726212	729319	0.44	cps
Terbium	159-1	31871979	31537778	31442983	31617580	0.71	cps
Terbium	159-2	14684667	14630929	14589006	14634867	0.33	cps
Thallium	203-1	16719	16769	16986	16825	0.84	cps
Thallium	205-1	39719	39443	39794	39652	0.47	cps
Thorium	232-1	1183	1567	1667	1472	17.33	cps
Tin	118-1	82106	79332	79692	80377	1.88	cps
Titanium	47-1	15592	16201	15851	15881	1.92	cps
Uranium	238-1	50301	49130	49055	49495	1.41	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 16:31:19	DataFile Name :	012LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	24905	24153	24798	24619	1.65	cps
Yttrium	89-1	54860979	54800678	54464516	54708724	0.39	cps
Yttrium	89-2	7206648	7223468	7314361	7248159	0.80	cps
Zinc	66-2	3170	3047	3087	3101	2.03	cps
Zirconium	91-1	7836	7761	8411	8003	4.45	cps
Zirconium	90-1	36665	37082	38051	37266	1.91	cps

LB Number : LB110850 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-09-03 16:46:24 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	167	142	156	8.19	cps
Antimony	121-1	150	133	300	194	47.21	cps
Arsenic	75-2	6	2	4	4	50.09	cps
Barium	135-1	50	25	42	39	32.73	cps
Barium	137-1	42	83	75	67	33.07	cps
Beryllium	9-1	256	194	200	217	15.60	cps
Bismuth	209-1	18414354	18323052	18413348	18383585	0.29	cps
Bismuth	209-2	10297704	10340206	10280834	10306248	0.30	cps
Boron	11-1	19413	18645	18687	18915	2.28	cps
Boron	10-1	4343	3984	4217	4181	4.35	cps
Bromine	81-1	77646	76551	76822	77007	0.74	cps
Bromine	81-2	120	130	90	113	18.37	cps
Cadmium	106-1	25966	24973	25265	25401	2.01	cps
Cadmium	108-1	58	46	50	51	12.39	cps
Cadmium	111-1	18157	17470	17663	17763	1.99	cps
Calcium	43-1	275	383	350	336	16.51	cps
Calcium	44-1	14024	14291	14383	14233	1.31	cps
Chromium	52-2	1113	1227	1247	1196	6.01	cps
Cobalt	59-2	107	100	60	89	28.40	cps
Copper	63-2	4371	4818	4701	4630	5.01	cps
Dysprosium	156-2	10	17	17	14	26.66	cps
Dysprosium	156-1	25	50	0	25	100.00	cps
Erbium	164-1	183	150	200	178	14.32	cps
Erbium	164-2	57	77	77	70	16.49	cps
Gadolinium	160-1	258	367	267	297	20.28	cps
Gadolinium	160-2	643	683	750	692	7.78	cps
Holmium	165-1	31332737	31347278	30543095	31074370	1.48	cps
Holmium	165-2	14968136	14852209	14737519	14852621	0.78	cps
Indium	115-1	25671627	25438352	25441767	25517249	0.52	cps
Indium	115-2	4790632	4830542	4795305	4805493	0.45	cps
Iron	56-2	9859	9887	9854	9867	0.18	cps
Iron	57-2	372	394	372	380	3.38	cps
Iron	54-2	1191	1301	1211	1235	4.75	cps
Krypton	83-1	607	523	553	561	7.52	cps
Lead	206-1	1045	1000	956	1000	4.44	cps
Lead	207-1	945	761	950	885	12.14	cps

LB Number : LB110850 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-09-03 16:46:24 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	4173	3606	4050	3943	7.56	cps
Lithium	6-1	11656040	11621436	11526292	11601256	0.58	cps
Magnesium	24-2	417	300	475	397	22.43	cps
Manganese	55-2	190	183	207	193	6.22	cps
Molybdenum	94-1	992	750	950	897	14.40	cps
Molybdenum	95-1	408	375	433	406	7.22	cps
Molybdenum	96-1	583	842	617	681	20.65	cps
Molybdenum	97-1	208	242	192	214	11.90	cps
Molybdenum	98-1	608	533	800	647	21.25	cps
Neodymium	150-1	7	27	7	13	86.58	cps
Neodymium	150-2	10	0	3	4	114.60	cps
Nickel	60-2	290	243	350	294	18.16	cps
Phosphorus	31-2	317	533	358	403	28.54	cps
Potassium	39-2	29222	29489	29438	29383	0.48	cps
Rhodium	103-1	24753262	24367135	23879599	24333332	1.80	cps
Rhodium	103-2	11297066	11393449	11253162	11314559	0.63	cps
Scandium	45-1	19855331	19546635	19490611	19630859	1.00	cps
Scandium	45-2	824233	835432	829556	829740	0.68	cps
Selenium	82-1	102	148	81	111	31.06	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	93	69	85	82	15.02	cps
Silicon	28-1	524928	541087	542444	536153	1.82	cps
Silver	107-1	500	442	408	450	10.31	cps
Silver	109-1	75	67	125	89	35.50	cps
Sodium	23-2	13840	13824	14533	14065	2.88	cps
Strontium	86-1	975	983	1067	1008	5.03	cps
Strontium	88-1	308	292	258	286	8.90	cps
Sulfur	34-1	741591	736894	742113	740199	0.39	cps
Terbium	159-1	32266965	31779429	31597717	31881370	1.09	cps
Terbium	159-2	14640834	14834147	14613501	14696161	0.82	cps
Thallium	203-1	133	175	100	136	27.61	cps
Thallium	205-1	275	283	292	283	2.94	cps
Thorium	232-1	895	883	967	915	4.95	cps
Tin	118-1	1558	1458	1575	1531	4.12	cps
Titanium	47-1	275	200	225	233	16.37	cps
Uranium	238-1	67	50	33	50	33.34	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 16:46:24	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	10	10	10	10	0.00	cps
Yttrium	89-1	56338526	55372338	54832419	55514428	1.37	cps
Yttrium	89-2	7237457	7283083	7254184	7258241	0.32	cps
Zinc	66-2	943	1020	940	968	4.68	cps
Zirconium	91-1	442	542	467	483	10.77	cps
Zirconium	90-1	2350	2417	2700	2489	7.47	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 16:50:02	DataFile Name :	015SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21979422	21950946	22106226	22012198	0.38	cps
Antimony	121-1	17537	17553	17403	17498	0.47	cps
Arsenic	75-2	198	206	187	197	4.73	cps
Barium	135-1	6152	6393	6969	6505	6.45	cps
Barium	137-1	10988	11222	11597	11269	2.73	cps
Beryllium	9-1	1750	1628	1533	1637	6.64	cps
Bismuth	209-1	16588992	16939716	16897684	16808797	1.14	cps
Bismuth	209-2	9109323	9056408	9190361	9118698	0.74	cps
Boron	11-1	19021	18929	18963	18971	0.24	cps
Boron	10-1	4267	4167	4226	4220	1.19	cps
Bromine	81-1	77456	77678	76702	77279	0.66	cps
Bromine	81-2	300	210	220	244	20.27	cps
Cadmium	106-1	23470	22944	23379	23264	1.21	cps
Cadmium	108-1	6277	6051	6126	6151	1.86	cps
Cadmium	111-1	19258	18952	19354	19188	1.09	cps
Calcium	43-1	7027397	7061021	7123995	7070804	0.69	cps
Calcium	44-1	111033194	111997036	113932253	112320828	1.31	cps
Chromium	52-2	119808	119802	121129	120246	0.64	cps
Cobalt	59-2	11985	11732	12405	12041	2.83	cps
Copper	63-2	58754	58312	59286	58784	0.83	cps
Dysprosium	156-2	50	80	50	60	28.87	cps
Dysprosium	156-1	125	100	133	119	14.53	cps
Erbium	164-1	175	208	225	203	12.55	cps
Erbium	164-2	93	137	67	99	35.72	cps
Gadolinium	160-1	233	367	358	319	23.38	cps
Gadolinium	160-2	660	687	680	676	2.05	cps
Holmium	165-1	31471120	31502050	31916916	31630028	0.79	cps
Holmium	165-2	14769328	14707829	14824649	14767269	0.40	cps
Indium	115-1	24101482	24318383	24319269	24246378	0.52	cps
Indium	115-2	4450105	4448039	4508267	4468804	0.77	cps
Iron	56-2	518842078	521298478	524974378	521704978	0.59	cps
Iron	57-2	12959007	12882212	13023408	12954876	0.55	cps
Iron	54-2	25443160	25586140	25809703	25613001	0.72	cps
Krypton	83-1	620	673	603	632	5.78	cps
Lead	206-1	93320	92743	89259	91774	2.39	cps
Lead	207-1	72681	72962	70989	72211	1.48	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 16:50:02	DataFile Name :	015SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	348420	343657	335988	342688	1.83	cps
Lithium	6-1	10563009	10577068	10383801	10507959	1.03	cps
Magnesium	24-2	52093510	52279153	52988768	52453810	0.90	cps
Manganese	55-2	29009	29557	29657	29407	1.19	cps
Molybdenum	94-1	10273381	10355839	10462906	10364042	0.92	cps
Molybdenum	95-1	18126504	18376095	18432976	18311858	0.89	cps
Molybdenum	96-1	19290659	19537793	19512473	19446975	0.70	cps
Molybdenum	97-1	11273441	11217516	11414007	11301655	0.90	cps
Molybdenum	98-1	28730760	28975196	29135974	28947310	0.70	cps
Neodymium	150-1	147	67	67	93	49.49	cps
Neodymium	150-2	23	33	23	27	21.65	cps
Nickel	60-2	13480	13606	14210	13766	2.84	cps
Phosphorus	31-2	1249905	1249469	1270734	1256703	0.97	cps
Potassium	39-2	47346354	48112560	48718481	48059132	1.43	cps
Rhodium	103-1	21351322	21534141	21674429	21519964	0.75	cps
Rhodium	103-2	10093209	10009875	10188947	10097344	0.89	cps
Scandium	45-1	18472575	18527210	18792024	18597270	0.92	cps
Scandium	45-2	800579	803945	820215	808247	1.30	cps
Selenium	82-1	194	83	194	157	40.59	cps
Selenium	77-2	10	10	0	7	86.60	cps
Selenium	78-2	72	80	104	85	19.33	cps
Silicon	28-1	836550	871969	857751	855423	2.08	cps
Silver	107-1	2525	1892	2167	2195	14.47	cps
Silver	109-1	2100	1967	1884	1984	5.51	cps
Sodium	23-2	103029994	102720552	103895690	103215412	0.59	cps
Strontium	86-1	225647	228829	227112	227196	0.70	cps
Strontium	88-1	1936414	1957754	1972023	1955397	0.92	cps
Sulfur	34-1	11235052	11368931	11426364	11343449	0.87	cps
Terbium	159-1	32272083	32291092	32710090	32424421	0.76	cps
Terbium	159-2	14359373	14289137	14409613	14352708	0.42	cps
Thallium	203-1	2434	2167	2392	2331	6.16	cps
Thallium	205-1	5560	5401	4859	5274	6.96	cps
Thorium	232-1	1167	1189	1372	1243	9.08	cps
Tin	118-1	3626	3959	4101	3895	6.26	cps
Titanium	47-1	6009283	6151952	6180767	6114001	1.50	cps
Uranium	238-1	858	825	850	845	2.05	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 16:50:02	DataFile Name :	015SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	963	820	963	916	9.04	cps
Yttrium	89-1	53243403	53924309	54662574	53943429	1.32	cps
Yttrium	89-2	6953978	6934231	7098563	6995591	1.28	cps
Zinc	66-2	11625	10951	11421	11332	3.05	cps
Zirconium	91-1	1025	1408	2025	1486	33.95	cps
Zirconium	90-1	4376	6560	8953	6630	34.53	cps

LB Number : LB110850 Operator : JASWAL
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-09-03 16:53:35 DataFile Name : 016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22860608	23170806	22697851	22909755	1.05	cps
Antimony	121-1	337599	337836	339016	338151	0.22	cps
Arsenic	75-2	11067	10893	11049	11003	0.87	cps
Barium	135-1	102585	100067	101797	101483	1.27	cps
Barium	137-1	178931	175648	181042	178540	1.52	cps
Beryllium	9-1	106448	108580	107483	107504	0.99	cps
Bismuth	209-1	17321372	17291641	17523626	17378880	0.73	cps
Bismuth	209-2	9033683	9047970	9083956	9055203	0.29	cps
Boron	11-1	322224	328325	320888	323812	1.22	cps
Boron	10-1	66313	69560	67987	67953	2.39	cps
Bromine	81-1	81644	79470	82842	81319	2.10	cps
Bromine	81-2	180	190	150	174	12.01	cps
Cadmium	106-1	40701	40275	40618	40531	0.56	cps
Cadmium	108-1	15434	15601	15417	15484	0.66	cps
Cadmium	111-1	121426	119614	120515	120518	0.75	cps
Calcium	43-1	7392067	7396012	7401586	7396555	0.06	cps
Calcium	44-1	117591123	118471857	119804178	118622386	0.94	cps
Chromium	52-2	246311	247272	246744	246775	0.20	cps
Cobalt	59-2	211823	212901	211393	212039	0.37	cps
Copper	63-2	194243	196037	196594	195625	0.63	cps
Dysprosium	156-2	60	57	50	56	9.17	cps
Dysprosium	156-1	75	58	125	86	40.29	cps
Erbium	164-1	242	242	267	250	5.77	cps
Erbium	164-2	110	70	90	90	22.22	cps
Gadolinium	160-1	325	267	367	319	15.73	cps
Gadolinium	160-2	660	700	633	664	5.05	cps
Holmium	165-1	32484823	32931481	33001176	32805827	0.85	cps
Holmium	165-2	14667412	14532996	14715622	14638676	0.65	cps
Indium	115-1	24905404	24914045	25122834	24980761	0.49	cps
Indium	115-2	4422693	4466444	4468087	4452408	0.58	cps
Iron	56-2	534642034	541390345	537671523	537901301	0.63	cps
Iron	57-2	13194089	13358151	13358336	13303525	0.71	cps
Iron	54-2	26264022	26475195	26417881	26385700	0.41	cps
Krypton	83-1	693	620	703	672	6.77	cps
Lead	206-1	367665	367613	367353	367544	0.05	cps
Lead	207-1	298797	296716	296878	297464	0.39	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 16:53:35	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	1398532	1389101	1402822	1396818	0.50	cps
Lithium	6-1	10692750	10644971	10728348	10688690	0.39	cps
Magnesium	24-2	55018799	56074462	54765874	55286378	1.26	cps
Manganese	55-2	104521	104807	104071	104466	0.35	cps
Molybdenum	94-1	11898255	11673336	11821246	11797613	0.97	cps
Molybdenum	95-1	20004706	19441447	19752080	19732744	1.43	cps
Molybdenum	96-1	21152367	20953877	21112599	21072948	0.50	cps
Molybdenum	97-1	12205952	12163815	12140146	12169971	0.27	cps
Molybdenum	98-1	31634537	31313918	31227060	31391839	0.68	cps
Neodymium	150-1	113	107	113	111	3.47	cps
Neodymium	150-2	40	20	40	33	34.64	cps
Nickel	60-2	64696	65576	66966	65746	1.74	cps
Phosphorus	31-2	1316091	1313588	1308996	1312892	0.27	cps
Potassium	39-2	49696232	50087950	50201446	49995209	0.53	cps
Rhodium	103-1	22244085	21994755	22170051	22136297	0.58	cps
Rhodium	103-2	10261036	10191114	10352189	10268113	0.79	cps
Scandium	45-1	19591380	19382679	19407257	19460439	0.59	cps
Scandium	45-2	820354	822872	822097	821774	0.16	cps
Selenium	82-1	8181	8042	8083	8102	0.88	cps
Selenium	77-2	327	277	293	299	8.52	cps
Selenium	78-2	1254	1117	1207	1193	5.85	cps
Silicon	28-1	1750663	1745742	1759211	1751872	0.39	cps
Silver	107-1	470505	463829	467496	467276	0.72	cps
Silver	109-1	441351	444916	448386	444885	0.79	cps
Sodium	23-2	107574402	107880336	107645882	107700207	0.15	cps
Strontium	86-1	612360	611145	621281	614929	0.90	cps
Strontium	88-1	5276877	5269640	5315958	5287492	0.47	cps
Sulfur	34-1	11889402	11916277	12016215	11940631	0.56	cps
Terbium	159-1	33151258	33467326	33606090	33408225	0.70	cps
Terbium	159-2	14485369	14355390	14583558	14474772	0.79	cps
Thallium	203-1	345474	346366	349451	347097	0.60	cps
Thallium	205-1	823566	826605	832454	827542	0.55	cps
Thorium	232-1	30431	30598	30965	30665	0.89	cps
Tin	118-1	869027	875629	879701	874786	0.62	cps
Titanium	47-1	6607620	6657611	6554520	6606583	0.78	cps
Uranium	238-1	2922125	2889698	2919982	2910602	0.62	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 16:53:35	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	98929	98335	99123	98795	0.42	cps
Yttrium	89-1	55487559	55370239	56087524	55648441	0.69	cps
Yttrium	89-2	7114723	7161094	7080871	7118896	0.57	cps
Zinc	66-2	30429	30445	30763	30545	0.62	cps
Zirconium	91-1	410043	403854	406911	406936	0.76	cps
Zirconium	90-1	1842249	1832999	1839680	1838309	0.26	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 16:57:11	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11896401	12060291	12185273	12047321	1.20	cps
Antimony	121-1	8640787	8566330	8579974	8595697	0.46	cps
Arsenic	75-2	256608	255624	257115	256449	0.30	cps
Barium	135-1	11400785	11149328	11203582	11251232	1.18	cps
Barium	137-1	19598797	19527164	19504956	19543639	0.25	cps
Beryllium	9-1	2519946	2515423	2527016	2520795	0.23	cps
Bismuth	209-1	15595621	15628404	15620257	15614761	0.11	cps
Bismuth	209-2	8143542	8197499	8203812	8181618	0.40	cps
Boron	11-1	2538300	2595480	2614106	2582628	1.53	cps
Boron	10-1	540007	538722	545491	541407	0.66	cps
Bromine	81-1	76500	76542	76420	76487	0.08	cps
Bromine	81-2	90	40	140	90	55.56	cps
Cadmium	106-1	321357	317110	320400	319622	0.70	cps
Cadmium	108-1	195047	198422	195671	196380	0.91	cps
Cadmium	111-1	2496662	2480532	2461174	2479456	0.72	cps
Calcium	43-1	17581859	17640708	17443909	17555492	0.58	cps
Calcium	44-1	281246748	280127931	278057065	279810581	0.58	cps
Chromium	52-2	2917572	2943296	2958117	2939662	0.70	cps
Cobalt	59-2	5200288	5283575	5275063	5252975	0.87	cps
Copper	63-2	32167549	32494045	32675794	32445796	0.79	cps
Dysprosium	156-2	523	557	543	541	3.10	cps
Dysprosium	156-1	883	933	908	908	2.75	cps
Erbium	164-1	300	250	242	264	11.96	cps
Erbium	164-2	90	133	100	108	21.06	cps
Gadolinium	160-1	892	900	917	903	1.41	cps
Gadolinium	160-2	963	993	940	966	2.77	cps
Holmium	165-1	31179906	30926577	30509945	30872143	1.10	cps
Holmium	165-2	13842563	13957305	13996685	13932184	0.57	cps
Indium	115-1	23364327	23154529	23486443	23335099	0.72	cps
Indium	115-2	4156761	4196385	4211772	4188306	0.68	cps
Iron	56-2	622326214	633092592	630105814	628508207	0.88	cps
Iron	57-2	15689132	15758073	15654810	15700672	0.33	cps
Iron	54-2	30806515	31139039	31366324	31103959	0.91	cps
Krypton	83-1	683	713	597	664	9.12	cps
Lead	206-1	33335051	32835606	32939794	33036817	0.80	cps
Lead	207-1	29640432	29361625	29454736	29485598	0.48	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 16:57:11	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	132814545	131800798	131434443	132016595	0.54	cps
Lithium	6-1	10274775	10084072	10175160	10178002	0.94	cps
Magnesium	24-2	132270824	134783866	134495591	133850093	1.03	cps
Manganese	55-2	18266081	18670095	18571717	18502631	1.14	cps
Molybdenum	94-1	19772581	19313774	19519140	19535165	1.18	cps
Molybdenum	95-1	24101396	23588170	23774521	23821362	1.09	cps
Molybdenum	96-1	26404698	26333201	26264400	26334099	0.27	cps
Molybdenum	97-1	14757493	14598865	14626412	14660923	0.58	cps
Molybdenum	98-1	38061807	37375147	37509030	37648661	0.97	cps
Neodymium	150-1	1347	1387	1380	1371	1.56	cps
Neodymium	150-2	110	97	107	104	6.64	cps
Nickel	60-2	1321469	1326889	1336804	1328387	0.59	cps
Phosphorus	31-2	126449	129887	130559	128965	1.71	cps
Potassium	39-2	60630941	61153535	61283533	61022669	0.57	cps
Rhodium	103-1	20485045	20341324	20492075	20439481	0.42	cps
Rhodium	103-2	9318547	9379078	9417258	9371627	0.53	cps
Scandium	45-1	18704399	18835159	18597543	18712367	0.64	cps
Scandium	45-2	781615	792554	795743	789971	0.94	cps
Selenium	82-1	212210	210804	211604	211540	0.33	cps
Selenium	77-2	9013	8910	8666	8863	2.01	cps
Selenium	78-2	29413	29652	29448	29505	0.44	cps
Silicon	28-1	7528232	7627954	7617754	7591314	0.72	cps
Silver	107-1	11880280	11815935	11897267	11864494	0.36	cps
Silver	109-1	11284674	11302654	11207049	11264793	0.45	cps
Sodium	23-2	251479206	252335306	252163197	251992570	0.18	cps
Strontium	86-1	3352355	3325814	3342482	3340217	0.40	cps
Strontium	88-1	29197996	29049088	29090850	29112645	0.26	cps
Sulfur	34-1	1963409	1967041	1952249	1960900	0.39	cps
Terbium	159-1	30829175	30872093	31533155	31078141	1.27	cps
Terbium	159-2	13743662	13740402	13829366	13771143	0.37	cps
Thallium	203-1	8056200	8028472	7936073	8006915	0.79	cps
Thallium	205-1	18976909	18888623	18759292	18874941	0.58	cps
Thorium	232-1	27644753	27602378	27812605	27686579	0.40	cps
Tin	118-1	7571577	7458989	7523737	7518101	0.75	cps
Titanium	47-1	7786263	7738206	7684300	7736256	0.66	cps
Uranium	238-1	26286625	26606738	26422757	26438706	0.61	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 16:57:11	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2407824	2428278	2409685	2415262	0.47	cps
Yttrium	89-1	53378689	52536714	53094113	53003172	0.81	cps
Yttrium	89-2	6833434	6866836	6931824	6877365	0.73	cps
Zinc	66-2	4786438	4798737	4807819	4797665	0.22	cps
Zirconium	91-1	3701212	3648533	3675561	3675102	0.72	cps
Zirconium	90-1	17070375	16790083	16851445	16903967	0.87	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 17:05:24	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	625	750	717	697	9.28	cps
Antimony	121-1	1617	2109	2517	2081	21.66	cps
Arsenic	75-2	20	22	28	23	16.44	cps
Barium	135-1	308	342	258	303	13.85	cps
Barium	137-1	517	492	558	522	6.45	cps
Beryllium	9-1	306	383	311	333	13.02	cps
Bismuth	209-1	19538734	19422763	19403808	19455102	0.38	cps
Bismuth	209-2	10670022	10492886	10494227	10552378	0.97	cps
Boron	11-1	37029	37740	35810	36860	2.65	cps
Boron	10-1	7894	7786	7360	7680	3.67	cps
Bromine	81-1	88651	85419	85298	86456	2.20	cps
Bromine	81-2	100	80	80	87	13.33	cps
Cadmium	106-1	27185	26359	27553	27032	2.26	cps
Cadmium	108-1	50	108	63	74	41.73	cps
Cadmium	111-1	19066	18451	19322	18946	2.36	cps
Calcium	43-1	792	983	858	878	11.09	cps
Calcium	44-1	21717	21658	21659	21678	0.16	cps
Chromium	52-2	1273	1363	1230	1289	5.28	cps
Cobalt	59-2	233	207	230	223	6.51	cps
Copper	63-2	6318	6652	6492	6487	2.57	cps
Dysprosium	156-2	33	3	13	17	91.67	cps
Dysprosium	156-1	33	42	25	33	25.01	cps
Erbium	164-1	117	150	108	125	17.64	cps
Erbium	164-2	77	67	73	72	7.05	cps
Gadolinium	160-1	267	267	192	242	17.92	cps
Gadolinium	160-2	690	650	700	680	3.89	cps
Holmium	165-1	33369132	32916410	33289909	33191817	0.73	cps
Holmium	165-2	15533444	15348049	15205914	15362469	1.07	cps
Indium	115-1	27470203	27520225	27005467	27331965	1.04	cps
Indium	115-2	5020746	5028143	5005697	5018195	0.23	cps
Iron	56-2	29357	29964	30254	29859	1.53	cps
Iron	57-2	806	750	883	813	8.24	cps
Iron	54-2	2393	2463	2303	2386	3.37	cps
Krypton	83-1	590	707	587	628	10.89	cps
Lead	206-1	6746	7530	7013	7097	5.62	cps
Lead	207-1	5768	6118	5968	5952	2.95	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 17:05:24	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	27434	27962	27390	27595	1.15	cps
Lithium	6-1	11684180	11686017	11601394	11657197	0.41	cps
Magnesium	24-2	3584	3934	4026	3848	6.06	cps
Manganese	55-2	590	603	627	607	3.06	cps
Molybdenum	94-1	1850	2092	2417	2120	13.42	cps
Molybdenum	95-1	1600	1642	1834	1692	7.36	cps
Molybdenum	96-1	1967	1975	2350	2097	10.44	cps
Molybdenum	97-1	1158	833	1092	1028	16.70	cps
Molybdenum	98-1	2767	2759	2775	2767	0.30	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	347	303	363	338	9.17	cps
Phosphorus	31-2	483	300	442	408	23.54	cps
Potassium	39-2	37206	37348	36889	37148	0.63	cps
Rhodium	103-1	25804388	25602036	25535782	25647402	0.55	cps
Rhodium	103-2	11950143	11921021	11845860	11905675	0.45	cps
Scandium	45-1	20582276	20521963	20298978	20467739	0.73	cps
Scandium	45-2	876713	879731	879117	878520	0.18	cps
Selenium	82-1	162	28	54	81	87.37	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	81	89	89	86	4.95	cps
Silicon	28-1	494803	493684	496187	494891	0.25	cps
Silver	107-1	658	667	725	683	5.32	cps
Silver	109-1	375	408	500	428	15.13	cps
Sodium	23-2	31910	31993	32094	31999	0.29	cps
Strontium	86-1	1167	1067	1108	1114	4.51	cps
Strontium	88-1	1050	1350	1192	1197	12.54	cps
Sulfur	34-1	702500	706807	698941	702749	0.56	cps
Terbium	159-1	34209992	33921736	34095870	34075866	0.43	cps
Terbium	159-2	15242812	15262159	15192820	15232597	0.23	cps
Thallium	203-1	983	1192	1183	1120	10.54	cps
Thallium	205-1	2784	2834	2525	2714	6.10	cps
Thorium	232-1	2284	2245	2595	2374	8.08	cps
Tin	118-1	1492	1567	1800	1620	9.93	cps
Titanium	47-1	475	408	475	453	8.50	cps
Uranium	238-1	500	525	500	508	2.84	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 17:05:24	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	50	63	60	58	12.01	cps
Yttrium	89-1	58976271	59402852	59158522	59179215	0.36	cps
Yttrium	89-2	7659121	7698751	7664547	7674139	0.28	cps
Zinc	66-2	1910	1947	2130	1996	5.91	cps
Zirconium	91-1	658	742	917	772	17.07	cps
Zirconium	90-1	3192	4076	4217	3828	14.51	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 17:13:33	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6010	5835	6402	6082	4.77	cps
Antimony	121-1	34092	34376	33950	34140	0.64	cps
Arsenic	75-2	670	652	676	666	1.89	cps
Barium	135-1	50752	49230	49348	49777	1.70	cps
Barium	137-1	85781	85480	86804	86022	0.81	cps
Beryllium	9-1	6557	5985	6046	6196	5.07	cps
Bismuth	209-1	19523306	19001931	19391972	19305736	1.40	cps
Bismuth	209-2	10648029	10571144	10567570	10595581	0.43	cps
Boron	11-1	172996	176773	176462	175411	1.20	cps
Boron	10-1	35969	35685	35827	35827	0.40	cps
Bromine	81-1	94757	94283	93224	94088	0.83	cps
Bromine	81-2	100	120	70	97	26.04	cps
Cadmium	106-1	27670	27511	27628	27603	0.30	cps
Cadmium	108-1	604	538	475	539	11.99	cps
Cadmium	111-1	24401	24062	24212	24225	0.70	cps
Calcium	43-1	41041	43014	42596	42217	2.46	cps
Calcium	44-1	677395	676860	672183	675479	0.42	cps
Chromium	52-2	15572	15275	14734	15194	2.79	cps
Cobalt	59-2	12345	11878	11932	12052	2.12	cps
Copper	63-2	22401	21730	21917	22016	1.57	cps
Dysprosium	156-2	40	37	13	30	48.44	cps
Dysprosium	156-1	50	58	75	61	20.83	cps
Erbium	164-1	183	167	158	169	7.51	cps
Erbium	164-2	57	83	60	67	21.79	cps
Gadolinium	160-1	258	283	258	267	5.41	cps
Gadolinium	160-2	810	680	673	721	10.69	cps
Holmium	165-1	33643593	33564920	33694917	33634476	0.19	cps
Holmium	165-2	15731875	15378242	15527760	15545959	1.14	cps
Indium	115-1	28062908	27921305	27671082	27885099	0.71	cps
Indium	115-2	5149313	5157167	5178648	5161709	0.29	cps
Iron	56-2	342096	342603	340239	341646	0.36	cps
Iron	57-2	8564	8908	9131	8868	3.22	cps
Iron	54-2	21298	20756	20646	20900	1.67	cps
Krypton	83-1	693	587	610	630	8.90	cps
Lead	206-1	18641	18435	19075	18717	1.74	cps
Lead	207-1	16661	15810	16522	16331	2.80	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 17:13:33	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	74321	72390	74326	73679	1.52	cps
Lithium	6-1	11969256	11816296	11824666	11870073	0.72	cps
Magnesium	24-2	317846	318913	317226	317995	0.27	cps
Manganese	55-2	5138	5184	5028	5117	1.57	cps
Molybdenum	94-1	44729	45524	43985	44746	1.72	cps
Molybdenum	95-1	54271	52974	54187	53811	1.35	cps
Molybdenum	96-1	60914	59525	59868	60102	1.20	cps
Molybdenum	97-1	32496	32597	34401	33165	3.23	cps
Molybdenum	98-1	87074	84290	85306	85557	1.65	cps
Neodymium	150-1	33	47	20	33	40.01	cps
Neodymium	150-2	3	10	0	4	114.60	cps
Nickel	60-2	3504	3487	3564	3518	1.15	cps
Phosphorus	31-2	392	517	517	475	15.19	cps
Potassium	39-2	310572	311594	314703	312290	0.69	cps
Rhodium	103-1	26414700	26031729	26331090	26259173	0.77	cps
Rhodium	103-2	12315572	12091024	12281181	12229259	0.99	cps
Scandium	45-1	21492799	21457221	21178106	21376042	0.81	cps
Scandium	45-2	915359	915822	923370	918184	0.49	cps
Selenium	82-1	2228	2473	2414	2372	5.39	cps
Selenium	77-2	50	137	103	97	45.22	cps
Selenium	78-2	415	378	400	398	4.69	cps
Silicon	28-1	759271	763818	765696	762929	0.43	cps
Silver	107-1	29991	30033	29106	29710	1.76	cps
Silver	109-1	27912	27545	27294	27583	1.13	cps
Sodium	23-2	604463	605958	599103	603175	0.60	cps
Strontium	86-1	8536	8978	9062	8859	3.19	cps
Strontium	88-1	66723	67343	66178	66748	0.87	cps
Sulfur	34-1	758402	763711	752013	758042	0.77	cps
Terbium	159-1	34611568	34596050	34548714	34585444	0.09	cps
Terbium	159-2	15547686	15386432	15202984	15379034	1.12	cps
Thallium	203-1	18322	18413	18121	18285	0.82	cps
Thallium	205-1	44149	45437	44191	44592	1.64	cps
Thorium	232-1	1572	1572	1672	1606	3.60	cps
Tin	118-1	87396	87305	85879	86860	0.98	cps
Titanium	47-1	17720	18128	17886	17911	1.15	cps
Uranium	238-1	51514	51514	52149	51726	0.71	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 17:13:33	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	28097	28067	27496	27887	1.21	cps
Yttrium	89-1	60922181	60668754	60258869	60616601	0.55	cps
Yttrium	89-2	7976039	7822410	7978364	7925604	1.13	cps
Zinc	66-2	3544	3507	3497	3516	0.70	cps
Zirconium	91-1	8645	8978	8978	8867	2.17	cps
Zirconium	90-1	39012	41035	41202	40416	3.02	cps

LB Number : LB110850 Operator : JASWAL
 Lab Sample ID : L3216-01 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-SOIL-01-QT3- Dilution Factor : 1
 Date & Time Acquired :: 2020-09-03 17:17:10 DataFile Name : 020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4393	4368	4151	4304	3.09	cps
Antimony	121-1	13098	12740	13507	13115	2.93	cps
Arsenic	75-2	487	539	517	514	5.06	cps
Barium	135-1	17779	17453	17729	17654	0.99	cps
Barium	137-1	31202	31720	31002	31308	1.18	cps
Beryllium	9-1	4762	4645	4906	4771	2.74	cps
Bismuth	209-1	19452321	19543408	19352569	19449433	0.49	cps
Bismuth	209-2	10515456	10669804	10660192	10615150	0.81	cps
Boron	11-1	29588	28720	27718	28675	3.26	cps
Boron	10-1	5960	5618	5418	5665	4.84	cps
Bromine	81-1	93509	93115	92731	93118	0.42	cps
Bromine	81-2	80	200	100	127	50.75	cps
Cadmium	106-1	29265	29282	28271	28939	2.00	cps
Cadmium	108-1	338	388	358	361	6.96	cps
Cadmium	111-1	24371	24143	23444	23986	2.01	cps
Calcium	43-1	6302	6719	6160	6393	4.54	cps
Calcium	44-1	112962	112746	110923	112210	1.00	cps
Chromium	52-2	6341	6295	6462	6366	1.35	cps
Cobalt	59-2	8749	8503	8816	8689	1.90	cps
Copper	63-2	17053	17961	17401	17472	2.62	cps
Dysprosium	156-2	43	13	7	21	92.51	cps
Dysprosium	156-1	25	50	58	44	39.04	cps
Erbium	164-1	83	167	108	119	35.80	cps
Erbium	164-2	73	80	80	78	4.94	cps
Gadolinium	160-1	300	317	317	311	3.09	cps
Gadolinium	160-2	683	733	787	734	7.04	cps
Holmium	165-1	33638777	33606737	33312265	33519260	0.54	cps
Holmium	165-2	15447658	15672276	15737685	15619206	0.97	cps
Indium	115-1	28426105	28073171	27712619	28070631	1.27	cps
Indium	115-2	5154163	5174548	5191151	5173287	0.36	cps
Iron	56-2	235780	239941	239500	238407	0.96	cps
Iron	57-2	6352	6096	5729	6059	5.16	cps
Iron	54-2	14001	14121	14492	14205	1.80	cps
Krypton	83-1	593	653	647	631	5.21	cps
Lead	206-1	13641	13146	12896	13227	2.87	cps
Lead	207-1	11739	11500	10983	11407	3.39	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	L3216-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT3-	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 17:17:10	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	52435	51718	51641	51932	0.84	cps
Lithium	6-1	12333852	11940409	11881687	12051983	2.04	cps
Magnesium	24-2	48822	48145	47192	48053	1.70	cps
Manganese	55-2	6492	6221	6475	6396	2.37	cps
Molybdenum	94-1	29206	28062	28379	28549	2.07	cps
Molybdenum	95-1	32530	32070	33716	32772	2.59	cps
Molybdenum	96-1	35938	35921	36681	36180	1.20	cps
Molybdenum	97-1	20649	20432	19556	20212	2.86	cps
Molybdenum	98-1	51009	52071	52539	51873	1.51	cps
Neodymium	150-1	20	13	13	16	24.76	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	2640	2694	2710	2681	1.36	cps
Phosphorus	31-2	467	608	592	556	13.94	cps
Potassium	39-2	55630	55713	55496	55613	0.20	cps
Rhodium	103-1	26577758	26462605	26156260	26398874	0.83	cps
Rhodium	103-2	12271457	12281594	12314968	12289340	0.19	cps
Scandium	45-1	21774520	21503388	21191249	21489719	1.36	cps
Scandium	45-2	923384	923476	925411	924090	0.12	cps
Selenium	82-1	487	368	426	427	13.97	cps
Selenium	77-2	17	13	10	13	25.01	cps
Selenium	78-2	130	119	113	120	7.05	cps
Silicon	28-1	543815	533559	538018	538464	0.96	cps
Silver	107-1	28154	27152	26735	27347	2.67	cps
Silver	109-1	25574	24989	25824	25463	1.68	cps
Sodium	23-2	104354	106434	105537	105441	0.99	cps
Strontium	86-1	7577	7002	7044	7208	4.45	cps
Strontium	88-1	53343	54747	52664	53585	1.98	cps
Sulfur	34-1	777499	784370	790823	784231	0.85	cps
Terbium	159-1	34363481	34443880	34294161	34367174	0.22	cps
Terbium	159-2	15435371	15170780	15474818	15360323	1.08	cps
Thallium	203-1	13366	13416	13215	13332	0.78	cps
Thallium	205-1	32474	33126	31898	32499	1.89	cps
Thorium	232-1	39968	38971	38553	39164	1.86	cps
Tin	118-1	14158	13741	13707	13869	1.81	cps
Titanium	47-1	10804	10079	10554	10479	3.52	cps
Uranium	238-1	36261	36153	36520	36311	0.52	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	L3216-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT3-	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 17:17:10	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3954	3947	4164	4022	3.06	cps
Yttrium	89-1	61272319	60743299	60175914	60730511	0.90	cps
Yttrium	89-2	7906772	7922817	8083994	7971194	1.23	cps
Zinc	66-2	2967	2644	3164	2925	8.98	cps
Zirconium	91-1	6110	6135	5510	5918	5.98	cps
Zirconium	90-1	27995	28337	29314	28549	2.40	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	L3216-03	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-03-QT3-2020	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 17:20:48	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1408	1767	1392	1522	13.92	cps
Antimony	121-1	4668	4609	4959	4745	3.95	cps
Arsenic	75-2	169	178	167	171	3.48	cps
Barium	135-1	6352	6418	6302	6357	0.92	cps
Barium	137-1	10521	10479	10905	10635	2.20	cps
Beryllium	9-1	1717	1828	1845	1796	3.87	cps
Bismuth	209-1	19673292	19210276	19316876	19400148	1.25	cps
Bismuth	209-2	10688526	10591305	10776920	10685584	0.87	cps
Boron	11-1	35509	35367	37022	35966	2.55	cps
Boron	10-1	7711	7285	7877	7624	4.00	cps
Bromine	81-1	90406	90526	92399	91110	1.23	cps
Bromine	81-2	170	130	110	137	22.35	cps
Cadmium	106-1	27611	28371	29649	28544	3.61	cps
Cadmium	108-1	138	125	171	144	16.40	cps
Cadmium	111-1	20723	21118	22014	21285	3.11	cps
Calcium	43-1	2775	2492	2567	2611	5.62	cps
Calcium	44-1	49643	48606	48079	48776	1.63	cps
Chromium	52-2	2917	2910	2884	2904	0.61	cps
Cobalt	59-2	2954	2837	3224	3005	6.60	cps
Copper	63-2	9537	9477	9276	9430	1.44	cps
Dysprosium	156-2	13	20	17	17	20.01	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Erbium	164-1	200	192	175	189	6.74	cps
Erbium	164-2	77	47	70	64	24.44	cps
Gadolinium	160-1	250	267	308	275	10.93	cps
Gadolinium	160-2	773	650	703	709	8.73	cps
Holmium	165-1	33716183	33372899	33246244	33445108	0.73	cps
Holmium	165-2	15687514	15545851	15673859	15635741	0.50	cps
Indium	115-1	28467431	28084989	28045874	28199431	0.83	cps
Indium	115-2	5180022	5156283	5200526	5178944	0.43	cps
Iron	56-2	87945	88376	87929	88083	0.29	cps
Iron	57-2	2228	2361	2556	2382	6.92	cps
Iron	54-2	6138	5597	5567	5767	5.57	cps
Krypton	83-1	563	667	573	601	9.48	cps
Lead	206-1	5924	5607	5596	5709	3.26	cps
Lead	207-1	5096	4773	4745	4871	4.00	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	L3216-03	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-03-QT3-2020	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 17:20:48	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	22391	21830	21991	22071	1.31	cps
Lithium	6-1	12138495	12004752	12044672	12062640	0.57	cps
Magnesium	24-2	16126	16226	16910	16421	2.60	cps
Manganese	55-2	2340	2434	2297	2357	2.96	cps
Molybdenum	94-1	10329	9971	10404	10235	2.26	cps
Molybdenum	95-1	11313	10846	11080	11080	2.11	cps
Molybdenum	96-1	13090	12548	12873	12837	2.13	cps
Molybdenum	97-1	7002	6910	6752	6888	1.84	cps
Molybdenum	98-1	18296	17103	18730	18043	4.67	cps
Neodymium	150-1	13	13	20	16	24.76	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	1150	1203	1080	1145	5.40	cps
Phosphorus	31-2	433	442	642	506	23.33	cps
Potassium	39-2	41091	42345	41208	41548	1.67	cps
Rhodium	103-1	26925527	26680645	26642355	26749509	0.57	cps
Rhodium	103-2	12294925	12337539	12313456	12315307	0.17	cps
Scandium	45-1	21727359	21702831	21746475	21725555	0.10	cps
Scandium	45-2	932600	935576	929706	932627	0.31	cps
Selenium	82-1	1328	1238	1348	1305	4.47	cps
Selenium	77-2	43	43	50	46	8.45	cps
Selenium	78-2	252	265	244	254	4.06	cps
Silicon	28-1	536174	536550	536765	536497	0.06	cps
Silver	107-1	7669	7677	7602	7650	0.54	cps
Silver	109-1	6835	7286	6710	6944	4.36	cps
Sodium	23-2	49382	48596	48437	48805	1.04	cps
Strontium	86-1	3251	3267	3409	3309	2.63	cps
Strontium	88-1	18805	17970	18963	18579	2.87	cps
Sulfur	34-1	785544	774395	789625	783188	1.01	cps
Terbium	159-1	34663671	34241449	34486695	34463939	0.62	cps
Terbium	159-2	15484806	15390631	15375773	15417070	0.38	cps
Thallium	203-1	4893	4743	5093	4909	3.58	cps
Thallium	205-1	12506	12006	11464	11992	4.35	cps
Thorium	232-1	14520	13674	14014	14069	3.02	cps
Tin	118-1	5651	4851	5518	5340	8.03	cps
Titanium	47-1	3734	3476	4159	3790	9.11	cps
Uranium	238-1	13441	12123	12824	12796	5.15	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	L3216-03	Instrumnet Name :	P7
Client Sample ID :	MDL-SOIL-03-QT3-2020	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 17:20:48	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1400	1383	1463	1416	2.98	cps
Yttrium	89-1	61433291	61063356	61488116	61328254	0.38	cps
Yttrium	89-2	7996725	8024544	8005934	8009068	0.18	cps
Zinc	66-2	1950	2037	2010	1999	2.22	cps
Zirconium	91-1	2442	2384	2634	2486	5.26	cps
Zirconium	90-1	11522	11463	11197	11394	1.52	cps

LB Number : LB110850 Operator : JASWAL
 Lab Sample ID : L3216-07 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2020-09-03 17:24:25 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4384	4543	4451	4459	1.78	cps
Antimony	121-1	13382	13499	13040	13307	1.79	cps
Arsenic	75-2	519	565	469	517	9.31	cps
Barium	135-1	18296	18455	18329	18360	0.46	cps
Barium	137-1	31905	30476	32255	31545	2.99	cps
Beryllium	9-1	4823	4662	4517	4668	3.28	cps
Bismuth	209-1	19184191	18978378	19048767	19070445	0.55	cps
Bismuth	209-2	10506127	10630244	10271102	10469158	1.74	cps
Boron	11-1	23786	23427	23511	23575	0.80	cps
Boron	10-1	5284	4759	4793	4945	5.95	cps
Bromine	81-1	90969	91583	92127	91559	0.63	cps
Bromine	81-2	120	90	70	93	26.97	cps
Cadmium	106-1	28688	28797	28571	28685	0.39	cps
Cadmium	108-1	404	342	358	368	8.79	cps
Cadmium	111-1	24175	24032	24016	24074	0.36	cps
Calcium	43-1	6652	6552	6518	6574	1.06	cps
Calcium	44-1	115869	114592	113769	114743	0.92	cps
Chromium	52-2	6388	6191	6655	6411	3.63	cps
Cobalt	59-2	8639	8756	8906	8767	1.53	cps
Copper	63-2	17681	17604	17531	17605	0.43	cps
Dysprosium	156-2	13	7	30	17	72.11	cps
Dysprosium	156-1	58	58	42	53	18.23	cps
Erbium	164-1	142	175	142	153	12.60	cps
Erbium	164-2	50	93	103	82	34.48	cps
Gadolinium	160-1	292	292	158	247	31.14	cps
Gadolinium	160-2	713	733	737	728	1.73	cps
Holmium	165-1	33231465	32759689	33083336	33024830	0.73	cps
Holmium	165-2	15399668	15640163	15308281	15449371	1.11	cps
Indium	115-1	28035750	27965114	27794633	27931832	0.44	cps
Indium	115-2	5161741	5183320	5091824	5145628	0.93	cps
Iron	56-2	238603	242091	235730	238808	1.33	cps
Iron	57-2	6001	6063	5985	6016	0.68	cps
Iron	54-2	13871	14222	14512	14202	2.26	cps
Krypton	83-1	627	703	610	647	7.70	cps
Lead	206-1	12623	12245	12412	12427	1.52	cps
Lead	207-1	10538	11022	10816	10792	2.25	cps

LB Number : LB110850 Operator : JASWAL
 Lab Sample ID : L3216-07 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2020-09-03 17:24:25 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	48608	48814	49254	48892	0.67	cps
Lithium	6-1	11997866	11998614	12107232	12034571	0.52	cps
Magnesium	24-2	46524	48413	47576	47504	1.99	cps
Manganese	55-2	6632	6835	6528	6665	2.34	cps
Molybdenum	94-1	29198	27761	28454	28471	2.52	cps
Molybdenum	95-1	34142	32847	32764	33251	2.32	cps
Molybdenum	96-1	37149	37367	36966	37161	0.54	cps
Molybdenum	97-1	20182	20891	19956	20343	2.40	cps
Molybdenum	98-1	51377	54237	51745	52453	2.97	cps
Neodymium	150-1	0	27	27	18	86.60	cps
Neodymium	150-2	3	7	10	7	50.03	cps
Nickel	60-2	2870	2720	2714	2768	3.20	cps
Phosphorus	31-2	692	642	575	636	9.20	cps
Potassium	39-2	54367	56559	55714	55547	1.99	cps
Rhodium	103-1	26678969	26528523	26324455	26510649	0.67	cps
Rhodium	103-2	12376415	12277120	12127099	12260211	1.02	cps
Scandium	45-1	21806146	21719695	21417882	21647908	0.94	cps
Scandium	45-2	914362	923378	916506	918082	0.51	cps
Selenium	82-1	428	425	430	427	0.52	cps
Selenium	77-2	7	20	13	13	49.99	cps
Selenium	78-2	126	157	124	136	13.79	cps
Silicon	28-1	551867	548019	542943	547610	0.82	cps
Silver	107-1	26476	27520	27870	27288	2.66	cps
Silver	109-1	26484	25424	25691	25866	2.13	cps
Sodium	23-2	104511	105980	103984	104825	0.99	cps
Strontium	86-1	7402	7544	7402	7449	1.10	cps
Strontium	88-1	54705	54537	55131	54791	0.56	cps
Sulfur	34-1	790379	792033	788316	790243	0.24	cps
Terbium	159-1	33864916	34035838	34026499	33975751	0.28	cps
Terbium	159-2	15421401	15402559	15191901	15338620	0.83	cps
Thallium	203-1	13524	13324	12698	13182	3.27	cps
Thallium	205-1	32190	31789	31939	31973	0.63	cps
Thorium	232-1	39728	38831	38547	39036	1.58	cps
Tin	118-1	14266	13582	13907	13919	2.46	cps
Titanium	47-1	11338	11338	11113	11263	1.15	cps
Uranium	238-1	36279	37189	37172	36880	1.41	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	L3216-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 17:24:25	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	4064	4054	4214	4111	2.18	cps
Yttrium	89-1	61156602	59628091	60053649	60279447	1.31	cps
Yttrium	89-2	7970762	8019824	7879550	7956712	0.89	cps
Zinc	66-2	3117	3064	2867	3016	4.37	cps
Zirconium	91-1	5976	5935	6302	6071	3.31	cps
Zirconium	90-1	28179	26709	28012	27633	2.91	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	L3216-09	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-03-QT3-20	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 17:28:03	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1408	1517	1734	1553	10.66	cps
Antimony	121-1	4284	4601	4801	4562	5.71	cps
Arsenic	75-2	181	172	180	178	2.75	cps
Barium	135-1	6018	6377	6193	6196	2.89	cps
Barium	137-1	10621	10863	10179	10554	3.29	cps
Beryllium	9-1	1800	1795	1867	1821	2.21	cps
Bismuth	209-1	19134346	18882380	18834029	18950252	0.85	cps
Bismuth	209-2	10366078	10415565	10440870	10407504	0.37	cps
Boron	11-1	31400	31609	32144	31718	1.21	cps
Boron	10-1	6760	6860	7202	6941	3.34	cps
Bromine	81-1	90928	88873	87635	89145	1.87	cps
Bromine	81-2	140	110	90	113	22.21	cps
Cadmium	106-1	28471	29031	27569	28357	2.60	cps
Cadmium	108-1	138	163	163	154	9.36	cps
Cadmium	111-1	21255	21558	20581	21131	2.37	cps
Calcium	43-1	2392	2534	2625	2517	4.67	cps
Calcium	44-1	48188	48656	48238	48361	0.53	cps
Chromium	52-2	3040	3004	2917	2987	2.12	cps
Cobalt	59-2	2910	3164	2924	2999	4.75	cps
Copper	63-2	9266	9290	9370	9309	0.58	cps
Dysprosium	156-2	10	20	7	12	56.76	cps
Dysprosium	156-1	42	67	42	50	28.87	cps
Erbium	164-1	108	125	175	136	25.49	cps
Erbium	164-2	73	87	47	69	29.56	cps
Gadolinium	160-1	300	300	292	297	1.62	cps
Gadolinium	160-2	727	867	730	774	10.32	cps
Holmium	165-1	32980646	32681047	32038610	32566768	1.48	cps
Holmium	165-2	15384377	15449325	15545221	15459641	0.52	cps
Indium	115-1	27876829	27860367	27280225	27672474	1.23	cps
Indium	115-2	5115498	5109200	5133319	5119339	0.24	cps
Iron	56-2	87079	87353	86509	86981	0.50	cps
Iron	57-2	2422	2278	2361	2354	3.08	cps
Iron	54-2	6148	5477	5777	5801	5.79	cps
Krypton	83-1	757	650	690	699	7.71	cps
Lead	206-1	4695	4606	4857	4719	2.69	cps
Lead	207-1	4306	4045	4134	4162	3.19	cps

LB Number : LB110850 Operator : JASWAL
 Lab Sample ID : L3216-09 Instrumnet Name : P7
 Client Sample ID : MDL-WATER-03-QT3-20 Dilution Factor : 1
 Date & Time Acquired :: 2020-09-03 17:28:03 DataFile Name : 023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	19395	18367	19150	18971	2.83	cps
Lithium	6-1	11870513	12139475	11846974	11952321	1.36	cps
Magnesium	24-2	17311	17010	16618	16980	2.04	cps
Manganese	55-2	2220	2417	2250	2296	4.62	cps
Molybdenum	94-1	9962	9929	10012	9968	0.42	cps
Molybdenum	95-1	10905	11330	10604	10946	3.33	cps
Molybdenum	96-1	12681	12906	12539	12709	1.46	cps
Molybdenum	97-1	7177	6352	6610	6713	6.29	cps
Molybdenum	98-1	17687	17470	18054	17737	1.66	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	10	10	3	8	49.52	cps
Nickel	60-2	1157	1090	1227	1158	5.90	cps
Phosphorus	31-2	442	525	425	464	11.55	cps
Potassium	39-2	41183	41751	40640	41191	1.35	cps
Rhodium	103-1	26506661	26210030	26262983	26326558	0.60	cps
Rhodium	103-2	12268142	12169451	12237186	12224926	0.41	cps
Scandium	45-1	21613044	21498065	21344057	21485055	0.63	cps
Scandium	45-2	924368	925028	917337	922245	0.46	cps
Selenium	82-1	1178	1328	1277	1261	6.04	cps
Selenium	77-2	53	60	43	52	16.07	cps
Selenium	78-2	269	244	270	261	5.54	cps
Silicon	28-1	540423	540075	552335	544278	1.28	cps
Silver	107-1	7494	7519	7102	7372	3.17	cps
Silver	109-1	6894	6652	6710	6752	1.87	cps
Sodium	23-2	46281	47325	46724	46777	1.12	cps
Strontium	86-1	3376	3042	3351	3256	5.70	cps
Strontium	88-1	17845	18421	17945	18070	1.70	cps
Sulfur	34-1	797553	783481	786063	789033	0.95	cps
Terbium	159-1	33958363	33431337	33781757	33723819	0.80	cps
Terbium	159-2	15379106	15339246	15191819	15303391	0.64	cps
Thallium	203-1	4784	4684	4626	4698	1.70	cps
Thallium	205-1	10730	11272	11380	11127	3.13	cps
Thorium	232-1	13952	13168	13847	13656	3.12	cps
Tin	118-1	5426	5510	5368	5435	1.31	cps
Titanium	47-1	3817	3984	3976	3926	2.39	cps
Uranium	238-1	12140	12398	12407	12315	1.23	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	L3216-09	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-03-QT3-20	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 17:28:03	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1330	1577	1427	1445	8.60	cps
Yttrium	89-1	59735644	60769256	60114457	60206452	0.87	cps
Yttrium	89-2	7943004	7856253	7905898	7901718	0.55	cps
Zinc	66-2	2037	1984	1827	1949	5.60	cps
Zirconium	91-1	2467	2325	2392	2395	2.96	cps
Zirconium	90-1	10588	11288	11572	11149	4.54	cps

LB Number : LB110850 Operator : JASWAL
 Lab Sample ID : L3216-07RE Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2020-09-03 17:31:40 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4309	4167	4342	4273	2.17	cps
Antimony	121-1	13107	13140	12731	12993	1.75	cps
Arsenic	75-2	491	493	494	493	0.38	cps
Barium	135-1	17512	17562	17620	17565	0.31	cps
Barium	137-1	31620	31479	32230	31776	1.26	cps
Beryllium	9-1	4779	4762	4884	4808	1.38	cps
Bismuth	209-1	18887606	18714802	18774599	18792336	0.47	cps
Bismuth	209-2	10326137	10578555	10510290	10471661	1.25	cps
Boron	11-1	20732	20982	22159	21291	3.58	cps
Boron	10-1	4493	4393	4368	4418	1.50	cps
Bromine	81-1	89769	90727	92418	90971	1.47	cps
Bromine	81-2	110	100	90	100	10.00	cps
Cadmium	106-1	28379	27979	28772	28377	1.40	cps
Cadmium	108-1	342	338	392	357	8.44	cps
Cadmium	111-1	23856	23366	24067	23763	1.51	cps
Calcium	43-1	6460	6152	6002	6204	3.77	cps
Calcium	44-1	113207	112308	113818	113111	0.67	cps
Chromium	52-2	6578	6301	6255	6378	2.74	cps
Cobalt	59-2	8756	8699	9003	8819	1.83	cps
Copper	63-2	17547	17714	17681	17647	0.50	cps
Dysprosium	156-2	17	10	7	11	45.82	cps
Dysprosium	156-1	42	58	42	47	20.38	cps
Erbium	164-1	192	117	208	172	28.35	cps
Erbium	164-2	90	67	37	64	41.48	cps
Gadolinium	160-1	233	375	233	281	29.15	cps
Gadolinium	160-2	727	740	670	712	5.22	cps
Holmium	165-1	32571445	32913515	32449587	32644849	0.74	cps
Holmium	165-2	15135408	15274554	15356712	15255558	0.73	cps
Indium	115-1	27701503	27752139	27878644	27777429	0.33	cps
Indium	115-2	5119832	5123637	5173910	5139126	0.59	cps
Iron	56-2	236169	234527	235323	235340	0.35	cps
Iron	57-2	6057	5579	6285	5974	6.03	cps
Iron	54-2	13961	14052	14663	14225	2.68	cps
Krypton	83-1	670	687	687	681	1.41	cps
Lead	206-1	11489	12217	11494	11733	3.57	cps
Lead	207-1	10015	9998	10399	10137	2.23	cps

LB Number : LB110850 Operator : JASWAL
 Lab Sample ID : L3216-07RE Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2020-09-03 17:31:40 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	45693	46961	45949	46201	1.45	cps
Lithium	6-1	11881654	12071974	12099971	12017866	0.99	cps
Magnesium	24-2	47894	47827	48831	48184	1.16	cps
Manganese	55-2	6482	6858	6605	6648	2.89	cps
Molybdenum	94-1	26659	27686	28571	27639	3.46	cps
Molybdenum	95-1	32095	31653	32170	31973	0.87	cps
Molybdenum	96-1	35662	36565	36364	36197	1.31	cps
Molybdenum	97-1	20691	19689	19923	20101	2.61	cps
Molybdenum	98-1	51586	50992	51168	51249	0.60	cps
Neodymium	150-1	7	7	27	13	86.58	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	2444	2760	2654	2619	6.15	cps
Phosphorus	31-2	508	700	575	594	16.37	cps
Potassium	39-2	53698	54852	54150	54233	1.07	cps
Rhodium	103-1	26646615	26460750	26707664	26605010	0.48	cps
Rhodium	103-2	12161631	12282451	12214494	12219525	0.50	cps
Scandium	45-1	21537782	21453295	21869784	21620287	1.02	cps
Scandium	45-2	916134	917785	929088	921002	0.77	cps
Selenium	82-1	395	375	401	391	3.50	cps
Selenium	77-2	17	20	7	14	48.02	cps
Selenium	78-2	137	119	131	129	7.37	cps
Silicon	28-1	548311	546179	546133	546874	0.23	cps
Silver	107-1	27644	27720	27503	27622	0.40	cps
Silver	109-1	25332	24898	25282	25171	0.94	cps
Sodium	23-2	100292	104664	102743	102566	2.14	cps
Strontium	86-1	7144	7627	7777	7516	4.41	cps
Strontium	88-1	53709	53509	54279	53832	0.74	cps
Sulfur	34-1	809253	803413	817851	810172	0.90	cps
Terbium	159-1	33693171	33614935	33870425	33726177	0.39	cps
Terbium	159-2	15251469	15182027	15238303	15223933	0.24	cps
Thallium	203-1	12557	12440	12890	12629	1.85	cps
Thallium	205-1	30519	31163	30946	30876	1.06	cps
Thorium	232-1	38508	38430	38101	38346	0.56	cps
Tin	118-1	12765	13707	13757	13410	4.17	cps
Titanium	47-1	10554	11063	10212	10610	4.03	cps
Uranium	238-1	36436	36278	36127	36280	0.43	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	L3216-07RE	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 17:31:40	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	4084	3951	4201	4078	3.07	cps
Yttrium	89-1	60609627	60941512	60595937	60715692	0.32	cps
Yttrium	89-2	7931389	7852772	8025068	7936410	1.09	cps
Zinc	66-2	2780	2930	2867	2859	2.63	cps
Zirconium	91-1	6352	6077	5768	6065	4.81	cps
Zirconium	90-1	28187	28128	27720	28012	0.91	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	L3216-09RE	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-03-QT3-20	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 17:35:18	DataFile Name :	025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1600	1708	1592	1633	3.98	cps
Antimony	121-1	4318	4551	4701	4523	4.27	cps
Arsenic	75-2	156	139	161	152	7.62	cps
Barium	135-1	6118	5901	5977	5999	1.83	cps
Barium	137-1	10696	10746	11080	10841	1.92	cps
Beryllium	9-1	1745	1822	2039	1869	8.17	cps
Bismuth	209-1	19219796	19082610	18954262	19085556	0.70	cps
Bismuth	209-2	10589824	10409223	10513717	10504255	0.86	cps
Boron	11-1	30373	30465	30515	30451	0.24	cps
Boron	10-1	5918	6610	6410	6313	5.64	cps
Bromine	81-1	92589	91301	93023	92304	0.97	cps
Bromine	81-2	140	120	100	120	16.67	cps
Cadmium	106-1	29682	28797	28346	28942	2.35	cps
Cadmium	108-1	179	196	146	174	14.66	cps
Cadmium	111-1	22123	21392	21140	21552	2.37	cps
Calcium	43-1	2292	2567	2559	2473	6.33	cps
Calcium	44-1	51382	49451	50746	50526	1.95	cps
Chromium	52-2	2990	2877	2994	2954	2.25	cps
Cobalt	59-2	3057	2934	3020	3004	2.11	cps
Copper	63-2	9550	9213	9233	9332	2.03	cps
Dysprosium	156-2	20	13	27	20	33.35	cps
Dysprosium	156-1	25	8	100	44	109.87	cps
Erbium	164-1	183	225	142	183	22.73	cps
Erbium	164-2	80	67	67	71	10.82	cps
Gadolinium	160-1	258	258	342	286	16.82	cps
Gadolinium	160-2	693	677	670	680	1.77	cps
Holmium	165-1	32643164	32984020	32838361	32821848	0.52	cps
Holmium	165-2	15382395	15376396	15430522	15396438	0.19	cps
Indium	115-1	28070284	27755973	27928648	27918302	0.56	cps
Indium	115-2	5099811	5118670	5111641	5110041	0.19	cps
Iron	56-2	86812	86152	89219	87394	1.85	cps
Iron	57-2	2445	2422	2234	2367	4.90	cps
Iron	54-2	5697	5397	5717	5604	3.20	cps
Krypton	83-1	600	597	643	613	4.24	cps
Lead	206-1	4540	4634	4768	4647	2.46	cps
Lead	207-1	4084	4079	4129	4097	0.67	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	L3216-09RE	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-03-QT3-20	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 17:35:18	DataFile Name :	025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	18155	18311	18333	18267	0.53	cps
Lithium	6-1	11932903	12032701	12082223	12015942	0.63	cps
Magnesium	24-2	15942	16051	16743	16245	2.67	cps
Manganese	55-2	2360	2410	2374	2381	1.09	cps
Molybdenum	94-1	9404	10079	9996	9826	3.75	cps
Molybdenum	95-1	10971	10488	11247	10902	3.52	cps
Molybdenum	96-1	12965	12940	12881	12929	0.33	cps
Molybdenum	97-1	6894	7169	6694	6919	3.45	cps
Molybdenum	98-1	16544	17136	17828	17169	3.75	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1113	1137	1273	1175	7.36	cps
Phosphorus	31-2	433	475	500	469	7.17	cps
Potassium	39-2	40113	41008	41375	40832	1.59	cps
Rhodium	103-1	26572049	26508772	26611846	26564222	0.20	cps
Rhodium	103-2	12276052	12273462	12238416	12262643	0.17	cps
Scandium	45-1	21665429	21680586	21604066	21650027	0.19	cps
Scandium	45-2	917069	921468	916358	918298	0.30	cps
Selenium	82-1	1398	1370	1290	1353	4.13	cps
Selenium	77-2	63	53	57	58	8.81	cps
Selenium	78-2	274	274	237	262	8.17	cps
Silicon	28-1	543155	538732	541677	541188	0.42	cps
Silver	107-1	7277	7661	7310	7416	2.86	cps
Silver	109-1	6577	7302	6502	6794	6.51	cps
Sodium	23-2	45796	45679	45737	45737	0.13	cps
Strontium	86-1	3301	3167	3067	3178	3.68	cps
Strontium	88-1	19047	18212	18329	18529	2.44	cps
Sulfur	34-1	804960	808157	812609	808575	0.48	cps
Terbium	159-1	33480455	34105435	33773150	33786346	0.93	cps
Terbium	159-2	15114969	15300274	15098212	15171152	0.74	cps
Thallium	203-1	5110	4559	4793	4821	5.73	cps
Thallium	205-1	10947	11130	10963	11013	0.92	cps
Thorium	232-1	13302	13702	13991	13665	2.53	cps
Tin	118-1	5318	5118	5618	5351	4.70	cps
Titanium	47-1	3892	3742	4301	3978	7.27	cps
Uranium	238-1	11931	12131	12515	12192	2.43	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	L3216-09RE	Instrumnet Name :	P7
Client Sample ID :	MDL-WATER-03-QT3-20	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 17:35:18	DataFile Name :	025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1447	1480	1410	1446	2.42	cps
Yttrium	89-1	60500689	60262412	60797692	60520265	0.44	cps
Yttrium	89-2	7937296	7826128	7980774	7914733	1.01	cps
Zinc	66-2	6545	6752	6538	6612	1.84	cps
Zirconium	91-1	2559	2225	2492	2425	7.27	cps
Zirconium	90-1	10688	11138	11363	11063	3.11	cps

LB Number : LB110850 Operator : JASWAL
 Lab Sample ID : PB131414BL Instrumnet Name : P7
 Client Sample ID : PB131414BL Dilution Factor : 1
 Date & Time Acquired :: 2020-09-03 17:42:35 DataFile Name : 027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	150	175	144	23.32	cps
Antimony	121-1	67	83	133	94	36.73	cps
Arsenic	75-2	4	7	6	6	33.38	cps
Barium	135-1	33	42	25	33	25.01	cps
Barium	137-1	125	67	83	92	32.78	cps
Beryllium	9-1	244	228	189	220	12.94	cps
Bismuth	209-1	18798910	18889012	18680906	18789609	0.56	cps
Bismuth	209-2	10342570	10279799	10467243	10363204	0.92	cps
Boron	11-1	12664	12697	11655	12339	4.80	cps
Boron	10-1	2367	2500	2659	2509	5.82	cps
Bromine	81-1	87624	91190	90444	89753	2.10	cps
Bromine	81-2	120	70	60	83	38.58	cps
Cadmium	106-1	27244	27361	28129	27578	1.74	cps
Cadmium	108-1	50	33	63	49	30.11	cps
Cadmium	111-1	19044	19154	19659	19286	1.70	cps
Calcium	43-1	408	392	417	406	3.14	cps
Calcium	44-1	14450	13999	14591	14347	2.15	cps
Chromium	52-2	1340	1220	1197	1252	6.14	cps
Cobalt	59-2	100	60	67	76	28.36	cps
Copper	63-2	5331	5124	5051	5169	2.81	cps
Dysprosium	156-2	10	27	20	19	44.42	cps
Dysprosium	156-1	17	17	33	22	43.28	cps
Erbium	164-1	158	175	167	167	5.00	cps
Erbium	164-2	67	77	70	71	7.16	cps
Gadolinium	160-1	283	283	283	283	0.00	cps
Gadolinium	160-2	580	743	730	684	13.25	cps
Holmium	165-1	32300108	32733047	32520246	32517800	0.67	cps
Holmium	165-2	15181322	15159529	15238426	15193092	0.27	cps
Indium	115-1	27739961	27664186	27609997	27671382	0.24	cps
Indium	115-2	5108473	5130475	5090167	5109705	0.39	cps
Iron	56-2	9831	9737	9881	9817	0.75	cps
Iron	57-2	344	350	344	346	0.93	cps
Iron	54-2	1361	1452	1442	1418	3.48	cps
Krypton	83-1	587	643	650	627	5.55	cps
Lead	206-1	933	789	906	876	8.75	cps
Lead	207-1	789	711	717	739	5.87	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	PB131414BL	Instrumnet Name :	P7
Client Sample ID :	PB131414BL	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 17:42:35	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	3684	3545	3506	3578	2.61	cps
Lithium	6-1	11948174	11896366	11849267	11897936	0.42	cps
Magnesium	24-2	317	333	300	317	5.26	cps
Manganese	55-2	127	127	120	124	3.09	cps
Molybdenum	94-1	692	808	675	725	10.02	cps
Molybdenum	95-1	125	133	100	119	14.53	cps
Molybdenum	96-1	492	408	483	461	9.95	cps
Molybdenum	97-1	83	75	42	67	33.07	cps
Molybdenum	98-1	108	108	125	114	8.45	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	320	370	327	339	8.01	cps
Phosphorus	31-2	450	417	425	431	4.03	cps
Potassium	39-2	34324	34608	33764	34232	1.25	cps
Rhodium	103-1	25613800	26135157	26188672	25979210	1.22	cps
Rhodium	103-2	12172666	12167506	12081744	12140639	0.42	cps
Scandium	45-1	21362269	21599401	21143998	21368556	1.07	cps
Scandium	45-2	916834	917142	903309	912429	0.87	cps
Selenium	82-1	112	71	34	73	53.91	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	113	100	93	102	10.12	cps
Silicon	28-1	530237	533268	535929	533145	0.53	cps
Silver	107-1	483	408	467	453	8.70	cps
Silver	109-1	108	117	83	103	16.88	cps
Sodium	23-2	15876	14716	15776	15456	4.16	cps
Strontium	86-1	967	925	992	961	3.50	cps
Strontium	88-1	208	258	325	264	22.18	cps
Sulfur	34-1	787721	796239	804261	796074	1.04	cps
Terbium	159-1	33415923	33283729	33613730	33437794	0.50	cps
Terbium	159-2	15115794	15054896	15105043	15091911	0.22	cps
Thallium	203-1	233	192	208	211	9.93	cps
Thallium	205-1	475	417	533	475	12.28	cps
Thorium	232-1	611	722	728	687	9.58	cps
Tin	118-1	1300	1200	1175	1225	5.40	cps
Titanium	47-1	183	283	225	231	21.79	cps
Uranium	238-1	33	17	17	22	43.28	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	PB131414BL	Instrumnet Name :	P7
Client Sample ID :	PB131414BL	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 17:42:35	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	7	23	13	14	58.06	cps
Yttrium	89-1	60071969	59847561	60453179	60124236	0.51	cps
Yttrium	89-2	7980145	7865586	7942410	7929380	0.74	cps
Zinc	66-2	1177	1103	960	1080	10.20	cps
Zirconium	91-1	425	467	567	486	14.98	cps
Zirconium	90-1	2125	2800	2759	2561	14.77	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	PB131414BS	Instrumnet Name :	P7
Client Sample ID :	PB131414BS	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 17:46:11	DataFile Name :	028LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2287440	2261813	2281515	2276923	0.59	cps
Antimony	121-1	8333403	8325623	8386104	8348377	0.39	cps
Arsenic	75-2	280819	281480	281303	281201	0.12	cps
Barium	135-1	11964481	11917829	11946181	11942830	0.20	cps
Barium	137-1	20678155	20533190	20948509	20719951	1.02	cps
Beryllium	9-1	2769043	2744970	2743321	2752445	0.52	cps
Bismuth	209-1	17809553	17646585	18125689	17860609	1.36	cps
Bismuth	209-2	9408111	9350743	9306717	9355191	0.54	cps
Boron	11-1	2759496	2764871	2808675	2777681	0.97	cps
Boron	10-1	581910	581145	592205	585087	1.06	cps
Bromine	81-1	71400	72143	73824	72456	1.71	cps
Bromine	81-2	80	90	50	73	28.39	cps
Cadmium	106-1	329262	325722	332651	329211	1.05	cps
Cadmium	108-1	204100	204020	206506	204875	0.69	cps
Cadmium	111-1	2620224	2610090	2633583	2621299	0.45	cps
Calcium	43-1	3669604	3684657	3651588	3668616	0.45	cps
Calcium	44-1	59456668	59572783	59000766	59343405	0.51	cps
Chromium	52-2	3068592	3053234	3051593	3057806	0.31	cps
Cobalt	59-2	4988790	4971205	4980536	4980177	0.18	cps
Copper	63-2	34103014	34058033	33909689	34023578	0.30	cps
Dysprosium	156-2	300	297	350	316	9.47	cps
Dysprosium	156-1	375	392	550	439	22.01	cps
Erbium	164-1	275	225	192	231	18.19	cps
Erbium	164-2	90	73	67	77	15.68	cps
Gadolinium	160-1	433	467	408	436	6.71	cps
Gadolinium	160-2	803	760	743	769	4.03	cps
Holmium	165-1	31722020	31911832	31934603	31856152	0.37	cps
Holmium	165-2	14627277	14673778	14501995	14601017	0.61	cps
Indium	115-1	24785102	24892587	25234469	24970720	0.94	cps
Indium	115-2	4434680	4433750	4445907	4438112	0.15	cps
Iron	56-2	138352578	136617334	136046100	137005337	0.88	cps
Iron	57-2	3359970	3308758	3322836	3330521	0.79	cps
Iron	54-2	6900218	6911211	6955433	6922287	0.42	cps
Krypton	83-1	680	587	587	618	8.72	cps
Lead	206-1	36995092	36751262	37449322	37065225	0.96	cps
Lead	207-1	33329438	32821876	33211366	33120893	0.80	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	PB131414BS	Instrumnet Name :	P7
Client Sample ID :	PB131414BS	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 17:46:11	DataFile Name :	028LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	148489835	147332504	148997606	148273315	0.58	cps
Lithium	6-1	10956370	10857436	10981433	10931746	0.60	cps
Magnesium	24-2	28251694	28291150	28208882	28250575	0.15	cps
Manganese	55-2	19823522	19716601	19647621	19729248	0.45	cps
Molybdenum	94-1	20304953	20211722	20474047	20330241	0.65	cps
Molybdenum	95-1	24933755	24714381	24980138	24876091	0.57	cps
Molybdenum	96-1	27438317	27579472	27558700	27525496	0.28	cps
Molybdenum	97-1	15352919	15342941	15545569	15413809	0.74	cps
Molybdenum	98-1	38959695	39205592	39818679	39327988	1.12	cps
Neodymium	150-1	1293	1400	1640	1445	12.29	cps
Neodymium	150-2	143	143	107	131	16.15	cps
Nickel	60-2	1310384	1308333	1300238	1306319	0.41	cps
Phosphorus	31-2	136435	135344	133643	135141	1.04	cps
Potassium	39-2	12471893	12444976	12395145	12437338	0.31	cps
Rhodium	103-1	22354288	22480801	22760345	22531811	0.92	cps
Rhodium	103-2	10320327	10358074	10381028	10353143	0.30	cps
Scandium	45-1	18602250	18689111	18674834	18655398	0.25	cps
Scandium	45-2	784861	779032	775372	779755	0.61	cps
Selenium	82-1	205297	207212	208128	206879	0.70	cps
Selenium	77-2	8469	8276	8186	8310	1.74	cps
Selenium	78-2	28638	28303	28471	28471	0.59	cps
Silicon	28-1	7279468	7288018	7308954	7292147	0.21	cps
Silver	107-1	12889688	13026538	13087357	13001194	0.78	cps
Silver	109-1	12372296	12430632	12327868	12376932	0.42	cps
Sodium	23-2	52614425	52558885	52082813	52418707	0.56	cps
Strontium	86-1	3460799	3493875	3496055	3483576	0.57	cps
Strontium	88-1	30217519	30306950	30911026	30478498	1.24	cps
Sulfur	34-1	2050818	2050000	2023183	2041334	0.77	cps
Terbium	159-1	32817961	32412617	33085604	32772061	1.03	cps
Terbium	159-2	14550931	14447749	14327923	14442201	0.77	cps
Thallium	203-1	8865034	8809846	8879375	8851418	0.41	cps
Thallium	205-1	20849272	20551059	21058444	20819592	1.22	cps
Thorium	232-1	30306333	30164621	30609169	30360041	0.75	cps
Tin	118-1	8279868	8224008	8274906	8259594	0.37	cps
Titanium	47-1	7938537	7921528	7947004	7935689	0.16	cps
Uranium	238-1	28372751	28285981	28253591	28304108	0.22	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	PB131414BS	Instrumnet Name :	P7
Client Sample ID :	PB131414BS	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 17:46:11	DataFile Name :	028LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2456025	2453784	2435006	2448271	0.47	cps
Yttrium	89-1	54494768	54229389	55270923	54665026	0.99	cps
Yttrium	89-2	6984023	6992178	6940647	6972283	0.40	cps
Zinc	66-2	4806593	4769487	4794990	4790356	0.40	cps
Zirconium	91-1	3826521	3831018	3853092	3836877	0.37	cps
Zirconium	90-1	17564365	17645106	17806560	17672010	0.70	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 17:52:16	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11589716	11702115	11609359	11633730	0.52	cps
Antimony	121-1	8484685	8378966	8506784	8456812	0.81	cps
Arsenic	75-2	248995	249812	250170	249659	0.24	cps
Barium	135-1	11038216	10957751	11085134	11027033	0.58	cps
Barium	137-1	19017337	19267714	19046324	19110459	0.72	cps
Beryllium	9-1	2469878	2483956	2469349	2474394	0.33	cps
Bismuth	209-1	15308698	15330564	15324364	15321209	0.07	cps
Bismuth	209-2	7805504	7907342	7939695	7884180	0.89	cps
Boron	11-1	2531621	2520077	2542987	2531562	0.45	cps
Boron	10-1	532508	528498	531128	530711	0.38	cps
Bromine	81-1	71300	71893	72043	71745	0.55	cps
Bromine	81-2	80	30	40	50	52.92	cps
Cadmium	106-1	313083	308657	315162	312301	1.06	cps
Cadmium	108-1	194801	192655	194079	193845	0.56	cps
Cadmium	111-1	2443041	2441995	2451135	2445390	0.20	cps
Calcium	43-1	16935130	16800046	16950315	16895164	0.49	cps
Calcium	44-1	269175039	270675856	272266356	270705750	0.57	cps
Chromium	52-2	2812381	2836492	2827675	2825516	0.43	cps
Cobalt	59-2	5046732	5102027	5124374	5091044	0.79	cps
Copper	63-2	31499255	31434790	31754692	31562913	0.54	cps
Dysprosium	156-2	613	550	603	589	5.78	cps
Dysprosium	156-1	1000	850	892	914	8.47	cps
Erbium	164-1	258	342	283	294	14.53	cps
Erbium	164-2	100	90	127	106	17.96	cps
Gadolinium	160-1	950	1225	833	1003	20.05	cps
Gadolinium	160-2	857	1023	900	927	9.33	cps
Holmium	165-1	30480281	30132057	30688016	30433451	0.92	cps
Holmium	165-2	13413002	13659654	13684173	13585610	1.10	cps
Indium	115-1	23058697	22854189	23019881	22977589	0.47	cps
Indium	115-2	4057757	4111385	4115153	4094765	0.78	cps
Iron	56-2	605995525	609187214	611978169	609053636	0.49	cps
Iron	57-2	15041714	15128563	15196687	15122321	0.51	cps
Iron	54-2	29767779	30322942	30033062	30041261	0.92	cps
Krypton	83-1	637	747	707	697	7.99	cps
Lead	206-1	32414031	32050168	32529249	32331150	0.77	cps
Lead	207-1	28996238	28473658	29306207	28925368	1.45	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 17:52:16	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	129517324	128394909	130798686	129570306	0.93	cps
Lithium	6-1	10133104	10164687	10085297	10127696	0.39	cps
Magnesium	24-2	127693340	129017665	128396490	128369165	0.52	cps
Manganese	55-2	17788047	18076386	17942206	17935546	0.80	cps
Molybdenum	94-1	19163449	19312180	19467610	19314413	0.79	cps
Molybdenum	95-1	23290658	23500926	23557703	23449762	0.60	cps
Molybdenum	96-1	25770562	25858217	26214660	25947813	0.91	cps
Molybdenum	97-1	14386782	14586147	14673624	14548851	1.01	cps
Molybdenum	98-1	37141473	37093555	37322218	37185748	0.32	cps
Neodymium	150-1	1267	1460	1160	1296	11.74	cps
Neodymium	150-2	90	80	123	98	23.21	cps
Nickel	60-2	1316614	1285045	1286244	1295968	1.38	cps
Phosphorus	31-2	123155	123919	124332	123802	0.48	cps
Potassium	39-2	58251747	59445264	59556360	59084457	1.22	cps
Rhodium	103-1	20251838	20146259	20167528	20188542	0.28	cps
Rhodium	103-2	9015287	9227827	9171075	9138063	1.20	cps
Scandium	45-1	18280065	18196046	18233291	18236467	0.23	cps
Scandium	45-2	755636	768479	771979	765364	1.12	cps
Selenium	82-1	206289	204964	206999	206084	0.50	cps
Selenium	77-2	8773	8673	8603	8683	0.98	cps
Selenium	78-2	28163	28495	28324	28327	0.59	cps
Silicon	28-1	7353349	7387594	7454400	7398448	0.69	cps
Silver	107-1	11804177	11691669	11764966	11753604	0.49	cps
Silver	109-1	11186358	11152627	11180257	11173080	0.16	cps
Sodium	23-2	238371247	241911914	239566889	239950016	0.75	cps
Strontium	86-1	3260893	3235243	3256572	3250903	0.42	cps
Strontium	88-1	28533526	28389800	28307440	28410255	0.40	cps
Sulfur	34-1	1906776	1908617	1904578	1906657	0.11	cps
Terbium	159-1	30993248	31102068	30999601	31031639	0.20	cps
Terbium	159-2	13228172	13328074	13404532	13320259	0.66	cps
Thallium	203-1	7862005	7820839	7902669	7861838	0.52	cps
Thallium	205-1	18566354	18549342	18432099	18515932	0.39	cps
Thorium	232-1	27182087	26952033	27212590	27115570	0.53	cps
Tin	118-1	7372955	7333006	7525599	7410520	1.37	cps
Titanium	47-1	7597378	7552234	7550854	7566822	0.35	cps
Uranium	238-1	25834249	25290980	25737016	25620748	1.13	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 17:52:16	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2314821	2329584	2326908	2323771	0.34	cps
Yttrium	89-1	52536849	52172096	52455908	52388284	0.37	cps
Yttrium	89-2	6535637	6765386	6777610	6692878	2.04	cps
Zinc	66-2	4796849	4683373	4721010	4733744	1.22	cps
Zirconium	91-1	3618343	3599362	3621202	3612969	0.33	cps
Zirconium	90-1	16726589	16539655	16875473	16713906	1.01	cps

LB Number : LB110850 Operator : JASWAL
 Lab Sample ID : CCB06 Instrumnet Name : P7
 Client Sample ID : CCB06 Dilution Factor : 1
 Date & Time Acquired :: 2020-09-03 18:02:19 DataFile Name : 030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	450	450	408	436	5.52	cps
Antimony	121-1	1475	1850	2209	1845	19.88	cps
Arsenic	75-2	15	22	28	22	30.12	cps
Barium	135-1	442	383	508	444	14.07	cps
Barium	137-1	592	733	608	644	12.01	cps
Beryllium	9-1	394	317	417	376	13.97	cps
Bismuth	209-1	19054036	18917823	18829701	18933854	0.60	cps
Bismuth	209-2	10414988	10249611	10280627	10315075	0.85	cps
Boron	11-1	39896	40748	39686	40110	1.40	cps
Boron	10-1	8319	8294	8077	8230	1.62	cps
Bromine	81-1	87271	90605	87816	88564	2.02	cps
Bromine	81-2	80	160	140	127	32.87	cps
Cadmium	106-1	26709	25716	25816	26080	2.10	cps
Cadmium	108-1	29	75	67	57	42.87	cps
Cadmium	111-1	18797	18057	18116	18323	2.24	cps
Calcium	43-1	625	725	767	706	10.32	cps
Calcium	44-1	20081	19814	21350	20415	4.02	cps
Chromium	52-2	1320	1360	1380	1353	2.26	cps
Cobalt	59-2	340	323	333	332	2.53	cps
Copper	63-2	6548	6865	6912	6775	2.92	cps
Dysprosium	156-2	10	13	20	14	35.26	cps
Dysprosium	156-1	25	42	50	39	32.73	cps
Erbium	164-1	133	158	183	158	15.79	cps
Erbium	164-2	83	67	50	67	25.00	cps
Gadolinium	160-1	258	283	342	294	14.52	cps
Gadolinium	160-2	653	697	657	669	3.61	cps
Holmium	165-1	32988857	32499986	32488124	32658989	0.87	cps
Holmium	165-2	15113774	14954240	14911514	14993176	0.71	cps
Indium	115-1	27399589	27594546	27137194	27377109	0.84	cps
Indium	115-2	5050279	5001995	5020944	5024406	0.48	cps
Iron	56-2	27437	28272	29252	28320	3.21	cps
Iron	57-2	772	756	772	767	1.25	cps
Iron	54-2	2122	2363	2533	2339	8.82	cps
Krypton	83-1	710	680	617	669	7.12	cps
Lead	206-1	3139	3267	3078	3162	3.05	cps
Lead	207-1	2795	2739	2628	2721	3.12	cps

LB Number : LB110850 Operator : JASWAL
 Lab Sample ID : CCB06 Instrumnet Name : P7
 Client Sample ID : CCB06 Dilution Factor : 1
 Date & Time Acquired :: 2020-09-03 18:02:19 DataFile Name : 030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	12214	12308	12269	12264	0.39	cps
Lithium	6-1	11452606	11352773	11406275	11403885	0.44	cps
Magnesium	24-2	3817	4117	4401	4112	7.10	cps
Manganese	55-2	887	877	910	891	1.92	cps
Molybdenum	94-1	1909	2242	2517	2223	13.71	cps
Molybdenum	95-1	1600	1492	1642	1578	4.91	cps
Molybdenum	96-1	2050	2217	2059	2109	4.45	cps
Molybdenum	97-1	1050	925	1025	1000	6.61	cps
Molybdenum	98-1	2192	2409	2417	2339	5.45	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	500	483	393	459	12.50	cps
Phosphorus	31-2	333	442	342	372	16.20	cps
Potassium	39-2	35744	34140	35870	35251	2.74	cps
Rhodium	103-1	25771395	25749464	25927116	25815992	0.38	cps
Rhodium	103-2	12026826	11823319	12062447	11970864	1.08	cps
Scandium	45-1	20711655	20811504	20993401	20838853	0.69	cps
Scandium	45-2	886227	886798	880741	884589	0.38	cps
Selenium	82-1	47	58	125	77	55.23	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	56	80	98	78	27.46	cps
Silicon	28-1	490677	492450	492486	491871	0.21	cps
Silver	107-1	892	983	1017	964	6.72	cps
Silver	109-1	533	550	575	553	3.79	cps
Sodium	23-2	28895	29973	29605	29491	1.86	cps
Strontium	86-1	1117	1125	1275	1172	7.60	cps
Strontium	88-1	1067	1192	1267	1175	8.60	cps
Sulfur	34-1	734922	748248	738155	740442	0.94	cps
Terbium	159-1	33365776	33678076	33537110	33526987	0.47	cps
Terbium	159-2	14996422	14820383	14756038	14857614	0.84	cps
Thallium	203-1	650	542	458	550	17.47	cps
Thallium	205-1	1192	1183	1108	1161	3.95	cps
Thorium	232-1	2723	2950	3717	3130	16.65	cps
Tin	118-1	1975	1634	1817	1809	9.46	cps
Titanium	47-1	583	350	508	481	24.79	cps
Uranium	238-1	700	767	767	745	5.17	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 18:02:19	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	110	113	110	111	1.74	cps
Yttrium	89-1	58701164	59451976	59477464	59210201	0.74	cps
Yttrium	89-2	7736470	7704515	7661756	7700913	0.49	cps
Zinc	66-2	1550	1357	1473	1460	6.67	cps
Zirconium	91-1	533	858	733	708	23.14	cps
Zirconium	90-1	3384	3726	4326	3812	12.51	cps

LB Number : LB110850 Operator : JASWAL
 Lab Sample ID : PB131415BL Instrumnet Name : P7
 Client Sample ID : PB131415BL Dilution Factor : 1
 Date & Time Acquired :: 2020-09-03 18:07:00 DataFile Name : 031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	217	167	142	175	21.82	cps
Antimony	121-1	517	525	925	656	35.60	cps
Arsenic	75-2	9	17	6	10	53.90	cps
Barium	135-1	83	117	83	94	20.37	cps
Barium	137-1	125	217	183	175	26.51	cps
Beryllium	9-1	344	217	300	287	22.60	cps
Bismuth	209-1	18817065	18688988	18873898	18793317	0.50	cps
Bismuth	209-2	10478501	10384026	10424022	10428850	0.45	cps
Boron	11-1	30565	29480	28478	29508	3.54	cps
Boron	10-1	6110	6110	6427	6215	2.94	cps
Bromine	81-1	87947	92239	90716	90300	2.41	cps
Bromine	81-2	140	160	110	137	18.41	cps
Cadmium	106-1	27186	27160	27845	27397	1.42	cps
Cadmium	108-1	54	58	58	57	4.22	cps
Cadmium	111-1	19034	19013	19480	19176	1.38	cps
Calcium	43-1	458	467	400	442	8.23	cps
Calcium	44-1	15434	15325	14950	15236	1.67	cps
Chromium	52-2	1317	1260	1293	1290	2.21	cps
Cobalt	59-2	110	113	137	120	12.11	cps
Copper	63-2	5328	5251	5254	5278	0.82	cps
Dysprosium	156-2	10	17	13	13	25.01	cps
Dysprosium	156-1	67	8	25	33	90.15	cps
Erbium	164-1	175	108	175	153	25.19	cps
Erbium	164-2	63	100	90	84	22.45	cps
Gadolinium	160-1	242	208	325	258	23.26	cps
Gadolinium	160-2	683	690	663	679	2.04	cps
Holmium	165-1	32385725	32788573	32714375	32629557	0.66	cps
Holmium	165-2	15613945	15352192	15271712	15412616	1.16	cps
Indium	115-1	27436805	27876725	28023060	27778863	1.10	cps
Indium	115-2	5149640	5125174	5138245	5137686	0.24	cps
Iron	56-2	13312	13434	13395	13380	0.47	cps
Iron	57-2	450	428	428	435	2.95	cps
Iron	54-2	1351	1722	1772	1615	14.22	cps
Krypton	83-1	697	637	687	673	4.77	cps
Lead	206-1	1656	1784	1661	1700	4.25	cps
Lead	207-1	1717	1367	1522	1535	11.42	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	PB131415BL	Instrumnet Name :	P7
Client Sample ID :	PB131415BL	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 18:07:00	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	7079	6745	7101	6975	2.86	cps
Lithium	6-1	11637911	11761391	11780528	11726610	0.66	cps
Magnesium	24-2	900	1017	1117	1011	10.72	cps
Manganese	55-2	313	237	293	281	14.15	cps
Molybdenum	94-1	1342	1142	1292	1258	8.27	cps
Molybdenum	95-1	558	575	708	614	13.39	cps
Molybdenum	96-1	1008	917	1183	1036	13.08	cps
Molybdenum	97-1	250	283	467	333	35.00	cps
Molybdenum	98-1	967	1092	1275	1111	13.96	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	430	483	393	436	10.39	cps
Phosphorus	31-2	300	425	208	311	34.96	cps
Potassium	39-2	33522	33740	34157	33806	0.95	cps
Rhodium	103-1	25911082	26318597	26134635	26121438	0.78	cps
Rhodium	103-2	12312016	12309748	12221507	12281090	0.42	cps
Scandium	45-1	20955490	21249893	21138577	21114653	0.70	cps
Scandium	45-2	915200	912038	908516	911918	0.37	cps
Selenium	82-1	58	82	47	62	29.01	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	74	96	111	94	19.86	cps
Silicon	28-1	514176	519251	535984	523137	2.18	cps
Silver	107-1	542	617	567	575	6.64	cps
Silver	109-1	233	267	292	264	11.09	cps
Sodium	23-2	21324	21191	21483	21332	0.69	cps
Strontium	86-1	1117	858	1017	997	13.06	cps
Strontium	88-1	425	425	458	436	4.41	cps
Sulfur	34-1	753644	749742	751105	751497	0.26	cps
Terbium	159-1	33178885	34036517	33654753	33623385	1.28	cps
Terbium	159-2	15458443	15300646	15321530	15360206	0.56	cps
Thallium	203-1	150	233	175	186	22.98	cps
Thallium	205-1	575	592	625	597	4.26	cps
Thorium	232-1	1400	1589	1689	1559	9.41	cps
Tin	118-1	1433	1583	1558	1525	5.27	cps
Titanium	47-1	450	292	292	344	26.54	cps
Uranium	238-1	167	192	158	172	10.07	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	PB131415BL	Instrumnet Name :	P7
Client Sample ID :	PB131415BL	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 18:07:00	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	37	20	20	26	37.66	cps
Yttrium	89-1	59335667	59793874	59725172	59618238	0.41	cps
Yttrium	89-2	7968422	7930079	7874627	7924376	0.60	cps
Zinc	66-2	1153	1617	1273	1348	17.84	cps
Zirconium	91-1	500	508	725	578	22.08	cps
Zirconium	90-1	2475	3009	3100	2862	11.80	cps

LB Number : LB110850 Operator : JASWAL
 Lab Sample ID : PB131413BL Instrumnet Name : P7
 Client Sample ID : PB131413BL Dilution Factor : 1
 Date & Time Acquired :: 2020-09-03 18:10:37 DataFile Name : 032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	158	242	208	21.17	cps
Antimony	121-1	383	433	658	492	29.79	cps
Arsenic	75-2	4	6	11	7	56.78	cps
Barium	135-1	58	25	50	44	39.04	cps
Barium	137-1	133	150	108	131	16.06	cps
Beryllium	9-1	317	244	217	259	19.91	cps
Bismuth	209-1	18474217	18431849	18699547	18535204	0.78	cps
Bismuth	209-2	10178763	10359495	10240021	10259427	0.90	cps
Boron	11-1	25898	23919	24078	24632	4.46	cps
Boron	10-1	5184	5360	4634	5059	7.48	cps
Bromine	81-1	90545	91140	91513	91066	0.54	cps
Bromine	81-2	70	210	210	164	49.49	cps
Cadmium	106-1	27210	26927	27319	27152	0.75	cps
Cadmium	108-1	67	38	54	53	27.73	cps
Cadmium	111-1	19038	18847	19110	18999	0.71	cps
Calcium	43-1	350	425	325	367	14.19	cps
Calcium	44-1	14450	14116	15258	14608	4.02	cps
Chromium	52-2	1163	1060	1167	1130	5.37	cps
Cobalt	59-2	90	87	87	88	2.19	cps
Copper	63-2	5088	4871	4924	4961	2.28	cps
Dysprosium	156-2	7	13	7	9	43.25	cps
Dysprosium	156-1	33	25	75	44	60.28	cps
Erbium	164-1	242	125	150	172	35.67	cps
Erbium	164-2	83	50	93	76	30.03	cps
Gadolinium	160-1	267	242	225	244	8.58	cps
Gadolinium	160-2	643	653	743	680	8.10	cps
Holmium	165-1	32124351	32372440	32611675	32369488	0.75	cps
Holmium	165-2	15309896	15084786	15209795	15201492	0.74	cps
Indium	115-1	27715510	27652250	27448811	27605524	0.50	cps
Indium	115-2	5036441	5134625	5109587	5093551	1.00	cps
Iron	56-2	11488	11616	12061	11722	2.56	cps
Iron	57-2	367	361	422	383	8.81	cps
Iron	54-2	1291	1422	1372	1361	4.82	cps
Krypton	83-1	650	600	637	629	4.12	cps
Lead	206-1	1483	1356	1395	1411	4.64	cps
Lead	207-1	1183	1272	1095	1183	7.51	cps

LB Number : LB110850 Operator : JASWAL
 Lab Sample ID : PB131413BL Instrumnet Name : P7
 Client Sample ID : PB131413BL Dilution Factor : 1
 Date & Time Acquired :: 2020-09-03 18:10:37 DataFile Name : 032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	5534	5662	5078	5425	5.65	cps
Lithium	6-1	11657884	11660314	11738124	11685441	0.39	cps
Magnesium	24-2	475	742	650	622	21.78	cps
Manganese	55-2	187	190	203	193	4.56	cps
Molybdenum	94-1	900	1008	1033	981	7.23	cps
Molybdenum	95-1	258	408	367	344	22.48	cps
Molybdenum	96-1	725	750	642	706	8.04	cps
Molybdenum	97-1	183	233	208	208	12.00	cps
Molybdenum	98-1	650	758	750	719	8.38	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	397	330	410	379	11.31	cps
Phosphorus	31-2	358	458	308	375	20.37	cps
Potassium	39-2	33998	34140	33748	33962	0.59	cps
Rhodium	103-1	26175370	26160263	26036896	26124176	0.29	cps
Rhodium	103-2	12029879	12219320	12287308	12178836	1.10	cps
Scandium	45-1	21200713	21086849	21104659	21130740	0.29	cps
Scandium	45-2	898787	904612	906356	903252	0.44	cps
Selenium	82-1	13	196	97	102	90.01	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	100	94	94	96	3.33	cps
Silicon	28-1	517391	525640	525554	522862	0.91	cps
Silver	107-1	408	500	383	431	14.27	cps
Silver	109-1	167	175	192	178	7.16	cps
Sodium	23-2	19906	19205	19029	19380	2.39	cps
Strontium	86-1	917	1117	1067	1033	10.07	cps
Strontium	88-1	258	275	367	300	19.45	cps
Sulfur	34-1	772352	764603	761092	766016	0.75	cps
Terbium	159-1	33332280	33139405	33339540	33270408	0.34	cps
Terbium	159-2	14953447	15239562	15162144	15118384	0.98	cps
Thallium	203-1	192	167	183	181	7.05	cps
Thallium	205-1	425	408	367	400	7.51	cps
Thorium	232-1	1056	1250	1161	1156	8.42	cps
Tin	118-1	1208	1250	1175	1211	3.10	cps
Titanium	47-1	283	183	242	236	21.28	cps
Uranium	238-1	75	100	33	69	48.50	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	PB131413BL	Instrumnet Name :	P7
Client Sample ID :	PB131413BL	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 18:10:37	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	7	17	0	8	107.84	cps
Yttrium	89-1	58913869	59903311	59333147	59383442	0.84	cps
Yttrium	89-2	7874364	7886738	7942269	7901124	0.46	cps
Zinc	66-2	1160	1200	1077	1146	5.49	cps
Zirconium	91-1	433	550	433	472	14.27	cps
Zirconium	90-1	2450	2675	3067	2731	11.43	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	PB131413BS	Instrumnet Name :	P7
Client Sample ID :	PB131413BS	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 18:14:15	DataFile Name :	033LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2292184	2310634	2316780	2306533	0.55	cps
Antimony	121-1	8495166	8493250	8398688	8462368	0.65	cps
Arsenic	75-2	285566	284661	284801	285009	0.17	cps
Barium	135-1	12140730	12021605	12066330	12076222	0.50	cps
Barium	137-1	21028344	21072382	20669247	20923324	1.06	cps
Beryllium	9-1	2738759	2744113	2722077	2734983	0.42	cps
Bismuth	209-1	17589546	17712949	17691982	17664826	0.37	cps
Bismuth	209-2	9475707	9307176	9353893	9378925	0.93	cps
Boron	11-1	2751223	2782437	2746954	2760205	0.70	cps
Boron	10-1	575504	588208	582607	582106	1.09	cps
Bromine	81-1	74499	75100	75555	75052	0.71	cps
Bromine	81-2	100	160	80	113	36.74	cps
Cadmium	106-1	333263	332406	329384	331684	0.61	cps
Cadmium	108-1	209465	204236	205720	206473	1.31	cps
Cadmium	111-1	2648692	2636127	2607293	2630704	0.81	cps
Calcium	43-1	3710480	3725662	3714970	3717038	0.21	cps
Calcium	44-1	60621453	60425693	60194285	60413810	0.35	cps
Chromium	52-2	3059339	3062994	3074995	3065776	0.27	cps
Cobalt	59-2	5011742	5069047	5033284	5038024	0.57	cps
Copper	63-2	34430072	34257062	34496484	34394539	0.36	cps
Dysprosium	156-2	350	297	310	319	8.70	cps
Dysprosium	156-1	458	475	425	453	5.62	cps
Erbium	164-1	258	225	283	256	11.45	cps
Erbium	164-2	93	90	57	80	25.34	cps
Gadolinium	160-1	500	400	383	428	14.75	cps
Gadolinium	160-2	723	720	787	743	5.05	cps
Holmium	165-1	32331546	32522851	32229822	32361406	0.46	cps
Holmium	165-2	14732810	14749422	14699167	14727133	0.17	cps
Indium	115-1	25368144	25234113	24825329	25142529	1.12	cps
Indium	115-2	4449839	4485772	4502026	4479212	0.60	cps
Iron	56-2	137261059	137879806	139035442	138058769	0.65	cps
Iron	57-2	3382906	3336479	3396105	3371830	0.93	cps
Iron	54-2	6943273	6897084	6977185	6939181	0.58	cps
Krypton	83-1	583	613	503	567	10.03	cps
Lead	206-1	36970284	37013212	36941822	36975106	0.10	cps
Lead	207-1	32953044	33146931	33018556	33039511	0.30	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	PB131413BS	Instrumnet Name :	P7
Client Sample ID :	PB131413BS	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 18:14:15	DataFile Name :	033LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	147155503	148542042	147208749	147635431	0.53	cps
Lithium	6-1	10887488	10829964	10786465	10834639	0.47	cps
Magnesium	24-2	28684885	28629638	28590229	28634917	0.17	cps
Manganese	55-2	19830941	19689781	19987074	19835932	0.75	cps
Molybdenum	94-1	20806769	20502761	20390912	20566814	1.05	cps
Molybdenum	95-1	25187563	25250276	24688178	25042006	1.23	cps
Molybdenum	96-1	27830953	27854612	27112664	27599410	1.53	cps
Molybdenum	97-1	15659329	15611065	15222040	15497478	1.55	cps
Molybdenum	98-1	39888008	39947697	39780047	39871917	0.21	cps
Neodymium	150-1	1593	1280	1353	1409	11.63	cps
Neodymium	150-2	117	103	123	114	8.90	cps
Nickel	60-2	1315294	1323994	1324325	1321204	0.39	cps
Phosphorus	31-2	134284	133913	135764	134654	0.73	cps
Potassium	39-2	12596759	12625925	12577473	12600053	0.19	cps
Rhodium	103-1	22916145	22831380	22209779	22652435	1.70	cps
Rhodium	103-2	10453006	10576928	10471990	10500641	0.64	cps
Scandium	45-1	19015782	18904473	18735483	18885246	0.75	cps
Scandium	45-2	786958	787244	789090	787764	0.15	cps
Selenium	82-1	210145	208702	209433	209427	0.34	cps
Selenium	77-2	8453	8629	8880	8654	2.48	cps
Selenium	78-2	28638	28576	27951	28388	1.34	cps
Silicon	28-1	7369393	7339810	7298176	7335793	0.49	cps
Silver	107-1	13189159	13164754	13154571	13169495	0.13	cps
Silver	109-1	12592120	12499916	12509660	12533899	0.40	cps
Sodium	23-2	52965704	52979106	53284010	53076273	0.34	cps
Strontium	86-1	3503194	3496046	3544196	3514479	0.74	cps
Strontium	88-1	30788677	30721817	30608486	30706327	0.30	cps
Sulfur	34-1	2059952	2011643	2029397	2033664	1.20	cps
Terbium	159-1	32558022	32565848	32677375	32600415	0.20	cps
Terbium	159-2	14417527	14371239	14433448	14407405	0.22	cps
Thallium	203-1	8852760	8860937	8883000	8865566	0.18	cps
Thallium	205-1	21075597	21062021	20881370	21006329	0.52	cps
Thorium	232-1	29634222	30129476	29967732	29910477	0.84	cps
Tin	118-1	8541575	8447673	8385252	8458167	0.93	cps
Titanium	47-1	8144674	8030492	8038748	8071305	0.79	cps
Uranium	238-1	27812115	27998077	28191732	28000641	0.68	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	PB131413BS	Instrumnet Name :	P7
Client Sample ID :	PB131413BS	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 18:14:15	DataFile Name :	033LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2465045	2458401	2479079	2467508	0.43	cps
Yttrium	89-1	55373436	55101968	55212538	55229314	0.25	cps
Yttrium	89-2	7086207	7078883	7135841	7100310	0.44	cps
Zinc	66-2	4867061	4832392	4884057	4861170	0.54	cps
Zirconium	91-1	3887683	3860078	3808914	3852225	1.04	cps
Zirconium	90-1	17733108	17822129	17758589	17771275	0.26	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	PB131415BS	Instrumnet Name :	P7
Client Sample ID :	PB131415BS	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 18:17:40	DataFile Name :	034DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2301766	2311484	2293747	2302333	0.39	cps
Antimony	121-1	8506117	8520724	8487066	8504636	0.20	cps
Arsenic	75-2	284663	281618	285305	283862	0.69	cps
Barium	135-1	12183068	12093320	12236605	12170997	0.59	cps
Barium	137-1	21218485	21137391	21226522	21194133	0.23	cps
Beryllium	9-1	2734520	2723489	2720432	2726147	0.27	cps
Bismuth	209-1	17780688	17924788	17864721	17856732	0.41	cps
Bismuth	209-2	9400369	9358448	9262235	9340350	0.76	cps
Boron	11-1	2811701	2810558	2820700	2814320	0.20	cps
Boron	10-1	596873	589984	593633	593496	0.58	cps
Bromine	81-1	74136	74961	73774	74290	0.82	cps
Bromine	81-2	110	70	100	93	22.31	cps
Cadmium	106-1	337718	336713	332503	335645	0.82	cps
Cadmium	108-1	207505	205458	207805	206923	0.62	cps
Cadmium	111-1	2657761	2639216	2651111	2649363	0.35	cps
Calcium	43-1	3731900	3741996	3699487	3724461	0.60	cps
Calcium	44-1	61209683	60532160	60090483	60610775	0.93	cps
Chromium	52-2	3080753	3061006	3090291	3077350	0.49	cps
Cobalt	59-2	5019033	4982903	5041312	5014416	0.59	cps
Copper	63-2	34166074	34254669	34663523	34361422	0.77	cps
Dysprosium	156-2	363	317	290	323	11.48	cps
Dysprosium	156-1	433	425	375	411	7.67	cps
Erbium	164-1	225	175	142	181	23.23	cps
Erbium	164-2	90	83	87	87	3.84	cps
Gadolinium	160-1	458	392	383	411	10.00	cps
Gadolinium	160-2	687	753	697	712	5.05	cps
Holmium	165-1	32949955	32826436	32717395	32831262	0.35	cps
Holmium	165-2	14866681	14629479	14639977	14712046	0.91	cps
Indium	115-1	25696316	25654263	25632450	25661010	0.13	cps
Indium	115-2	4503807	4506873	4518809	4509829	0.18	cps
Iron	56-2	138438636	137825200	139623984	138629273	0.66	cps
Iron	57-2	3378806	3357573	3365657	3367345	0.32	cps
Iron	54-2	6922464	6872323	6968876	6921221	0.70	cps
Krypton	83-1	663	663	620	649	3.86	cps
Lead	206-1	37421055	37219455	37246023	37295511	0.29	cps
Lead	207-1	33466235	33222669	33390870	33359924	0.37	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	PB131415BS	Instrumnet Name :	P7
Client Sample ID :	PB131415BS	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 18:17:40	DataFile Name :	034DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	149165889	148836992	149784397	149262426	0.32	cps
Lithium	6-1	10829888	10839872	10905753	10858504	0.38	cps
Magnesium	24-2	28603058	28486803	28447371	28512411	0.28	cps
Manganese	55-2	19995700	19920162	20096091	20003984	0.44	cps
Molybdenum	94-1	20746632	20970930	20728768	20815443	0.65	cps
Molybdenum	95-1	25581347	25429518	25353569	25454812	0.46	cps
Molybdenum	96-1	28157595	27915988	27900771	27991452	0.51	cps
Molybdenum	97-1	15773418	15784379	15582939	15713579	0.72	cps
Molybdenum	98-1	40250093	40068829	40193094	40170672	0.23	cps
Neodymium	150-1	1367	1427	1473	1422	3.76	cps
Neodymium	150-2	100	107	97	101	5.04	cps
Nickel	60-2	1316024	1311039	1317884	1314982	0.27	cps
Phosphorus	31-2	132736	133854	134913	133834	0.81	cps
Potassium	39-2	12569524	12607192	12584721	12587146	0.15	cps
Rhodium	103-1	23160257	22834566	22726590	22907138	0.99	cps
Rhodium	103-2	10492688	10464715	10544925	10500776	0.39	cps
Scandium	45-1	19014829	19020636	18904967	18980144	0.34	cps
Scandium	45-2	791616	784858	785967	787481	0.46	cps
Selenium	82-1	210238	211572	211007	210939	0.32	cps
Selenium	77-2	8743	8499	8729	8657	1.58	cps
Selenium	78-2	28788	28357	28858	28668	0.95	cps
Silicon	28-1	7350504	7411319	7342468	7368097	0.51	cps
Silver	107-1	13221484	13154769	13147247	13174500	0.31	cps
Silver	109-1	12448246	12571733	12631053	12550344	0.74	cps
Sodium	23-2	53197836	53519245	52994895	53237325	0.50	cps
Strontium	86-1	3564159	3517912	3524397	3535490	0.71	cps
Strontium	88-1	31193497	30696818	30846778	30912364	0.82	cps
Sulfur	34-1	1979944	1992832	1969634	1980804	0.59	cps
Terbium	159-1	33501286	33330447	33063043	33298259	0.66	cps
Terbium	159-2	14587953	14470325	14403700	14487326	0.64	cps
Thallium	203-1	9007067	8847960	8890625	8915217	0.92	cps
Thallium	205-1	21074525	21182688	21166837	21141350	0.28	cps
Thorium	232-1	30378195	30438184	30406858	30407746	0.10	cps
Tin	118-1	8424922	8394919	8405167	8408336	0.18	cps
Titanium	47-1	8129433	8007735	7964425	8033864	1.06	cps
Uranium	238-1	28531214	28276829	28137692	28315245	0.70	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	PB131415BS	Instrumnet Name :	P7
Client Sample ID :	PB131415BS	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 18:17:40	DataFile Name :	034DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2479795	2467579	2483791	2477055	0.34	cps
Yttrium	89-1	56189769	55649353	55737291	55858804	0.52	cps
Yttrium	89-2	7041461	7013990	7103842	7053098	0.65	cps
Zinc	66-2	4816740	4826076	4892663	4845160	0.85	cps
Zirconium	91-1	3907842	3897678	3910058	3905192	0.17	cps
Zirconium	90-1	18143839	17990580	18060599	18065006	0.42	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 18:40:01	DataFile Name :	039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11522858	11363179	11563326	11483121	0.92	cps
Antimony	121-1	6986257	7112282	7209174	7102571	1.57	cps
Arsenic	75-2	233945	232506	237031	234494	0.99	cps
Barium	135-1	10308896	10589443	10765179	10554506	2.18	cps
Barium	137-1	18063756	18466318	18450836	18326970	1.24	cps
Beryllium	9-1	2309414	2355380	2366540	2343778	1.29	cps
Bismuth	209-1	14542583	14476176	13280293	14099684	5.04	cps
Bismuth	209-2	7274039	7360867	7287528	7307478	0.64	cps
Boron	11-1	2363703	2413728	2449730	2409054	1.79	cps
Boron	10-1	501555	512172	515888	509872	1.46	cps
Bromine	81-1	72506	72596	69669	71590	2.33	cps
Bromine	81-2	60	100	80	80	25.00	cps
Cadmium	106-1	287090	289274	288533	288299	0.39	cps
Cadmium	108-1	177574	180217	177951	178581	0.80	cps
Cadmium	111-1	2223001	2266329	2287861	2259064	1.46	cps
Calcium	43-1	15942727	16548377	16611346	16367483	2.26	cps
Calcium	44-1	256563972	262175523	265346431	261361975	1.70	cps
Chromium	52-2	2742364	2734533	2754756	2743885	0.37	cps
Cobalt	59-2	4385252	4374146	4389450	4382949	0.18	cps
Copper	63-2	29964320	29939290	29836430	29913347	0.23	cps
Dysprosium	156-2	567	570	543	560	2.59	cps
Dysprosium	156-1	817	800	775	797	2.63	cps
Erbium	164-1	258	183	250	231	17.83	cps
Erbium	164-2	110	100	100	103	5.59	cps
Gadolinium	160-1	767	767	825	786	4.28	cps
Gadolinium	160-2	917	940	927	928	1.26	cps
Holmium	165-1	28847369	29112978	26816527	28258958	4.45	cps
Holmium	165-2	12751483	12664249	12684657	12700130	0.36	cps
Indium	115-1	22534426	22097063	20664953	21765480	4.49	cps
Indium	115-2	3881398	3831859	3872995	3862084	0.69	cps
Iron	56-2	596881502	596014547	602590547	598495532	0.60	cps
Iron	57-2	14867357	14948645	15049234	14955078	0.61	cps
Iron	54-2	29480921	29627662	29681447	29596676	0.35	cps
Krypton	83-1	737	763	727	742	2.55	cps
Lead	206-1	30031509	30182280	30498421	30237403	0.79	cps
Lead	207-1	26881067	27110589	27231576	27074411	0.66	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 18:40:01	DataFile Name :	039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	119726758	122066769	121358559	121050695	0.99	cps
Lithium	6-1	9954773	10066535	9366695	9796001	3.84	cps
Magnesium	24-2	126634107	126234232	128763799	127210713	1.07	cps
Manganese	55-2	17733941	17686422	17857786	17759383	0.50	cps
Molybdenum	94-1	18214801	18601686	18508111	18441533	1.09	cps
Molybdenum	95-1	22372631	22879316	22757377	22669774	1.17	cps
Molybdenum	96-1	24526315	25163271	25232141	24973909	1.56	cps
Molybdenum	97-1	13668670	14062655	14144198	13958508	1.82	cps
Molybdenum	98-1	34838879	35865120	36018599	35574199	1.80	cps
Neodymium	150-1	1213	1327	1247	1262	4.61	cps
Neodymium	150-2	120	90	70	93	26.96	cps
Nickel	60-2	1117811	1112277	1114553	1114880	0.25	cps
Phosphorus	31-2	120535	117494	120147	119392	1.39	cps
Potassium	39-2	58347587	57569135	58568201	58161641	0.90	cps
Rhodium	103-1	19715698	19560096	18096642	19124145	4.67	cps
Rhodium	103-2	8662185	8601032	8742828	8668682	0.82	cps
Scandium	45-1	17938386	18012860	16486569	17479272	4.92	cps
Scandium	45-2	728877	720235	730850	726654	0.78	cps
Selenium	82-1	178911	183581	182444	181645	1.34	cps
Selenium	77-2	7702	7739	7635	7692	0.68	cps
Selenium	78-2	25934	25728	26014	25892	0.57	cps
Silicon	28-1	6969964	7149711	7129624	7083100	1.39	cps
Silver	107-1	10786735	10833531	10863183	10827816	0.36	cps
Silver	109-1	10044691	10400729	10434617	10293346	2.10	cps
Sodium	23-2	236390872	236820072	238913030	237374658	0.57	cps
Strontium	86-1	3073401	3108318	3148876	3110199	1.21	cps
Strontium	88-1	26958308	27747583	27477943	27394611	1.46	cps
Sulfur	34-1	1784376	1809922	1792160	1795486	0.73	cps
Terbium	159-1	29839038	29238689	27870887	28982871	3.48	cps
Terbium	159-2	12491954	12405425	12534434	12477271	0.53	cps
Thallium	203-1	7263917	7420539	7368760	7351072	1.09	cps
Thallium	205-1	17219339	17447547	17310206	17325697	0.66	cps
Thorium	232-1	24725076	25528033	25197239	25150116	1.60	cps
Tin	118-1	6935263	7111020	7235549	7093944	2.13	cps
Titanium	47-1	7201270	7281561	7288277	7257036	0.67	cps
Uranium	238-1	23716885	24052126	24194502	23987838	1.02	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 18:40:01	DataFile Name :	039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2264996	2253089	2263607	2260564	0.29	cps
Yttrium	89-1	50497749	50736783	46683719	49306084	4.61	cps
Yttrium	89-2	6445915	6356264	6417242	6406474	0.71	cps
Zinc	66-2	4283228	4279352	4322291	4294957	0.55	cps
Zirconium	91-1	3359402	3451734	3459210	3423449	1.62	cps
Zirconium	90-1	15610058	16118467	15835863	15854796	1.61	cps

LB Number : LB110850 Operator : JASWAL
 Lab Sample ID : CCB07 Instrumnet Name : P7
 Client Sample ID : CCB07 Dilution Factor : 1
 Date & Time Acquired :: 2020-09-03 18:52:52 DataFile Name : 040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	517	283	383	394	29.68	cps
Antimony	121-1	1525	1625	1917	1689	12.05	cps
Arsenic	75-2	7	22	17	15	48.48	cps
Barium	135-1	175	192	217	194	10.79	cps
Barium	137-1	383	383	275	347	18.01	cps
Beryllium	9-1	422	456	422	433	4.44	cps
Bismuth	209-1	17386374	17556451	17389035	17443953	0.56	cps
Bismuth	209-2	9398538	9429333	9393907	9407259	0.20	cps
Boron	11-1	50920	49390	49875	50062	1.56	cps
Boron	10-1	10704	10963	10321	10663	3.03	cps
Bromine	81-1	87010	83950	85479	85479	1.79	cps
Bromine	81-2	80	100	80	87	13.33	cps
Cadmium	106-1	22702	24096	24147	23648	3.47	cps
Cadmium	108-1	33	54	46	44	23.60	cps
Cadmium	111-1	15977	16921	16925	16608	3.29	cps
Calcium	43-1	517	667	675	619	14.39	cps
Calcium	44-1	20273	20457	20232	20321	0.59	cps
Chromium	52-2	1127	1187	1093	1136	4.16	cps
Cobalt	59-2	157	120	167	148	16.63	cps
Copper	63-2	5148	4964	5264	5125	2.95	cps
Dysprosium	156-2	23	30	20	24	20.83	cps
Dysprosium	156-1	58	33	25	39	44.62	cps
Erbium	164-1	167	192	100	153	31.01	cps
Erbium	164-2	83	87	57	76	21.76	cps
Gadolinium	160-1	183	250	333	256	29.41	cps
Gadolinium	160-2	777	593	707	692	13.37	cps
Holmium	165-1	30073654	30425895	30153260	30217603	0.61	cps
Holmium	165-2	14037365	13903819	13873406	13938197	0.63	cps
Indium	115-1	25756686	25774922	25709053	25746887	0.13	cps
Indium	115-2	4659771	4671849	4664174	4665265	0.13	cps
Iron	56-2	20253	19986	20342	20194	0.92	cps
Iron	57-2	594	567	583	582	2.40	cps
Iron	54-2	1702	1742	1762	1735	1.76	cps
Krypton	83-1	637	643	650	643	1.04	cps
Lead	206-1	2506	2339	2439	2428	3.46	cps
Lead	207-1	2150	2078	2150	2126	1.96	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 18:52:52	DataFile Name :	040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	9529	9535	9463	9509	0.42	cps
Lithium	6-1	10956581	10848767	10889727	10898358	0.50	cps
Magnesium	24-2	2767	2425	2325	2506	9.24	cps
Manganese	55-2	440	473	517	477	8.07	cps
Molybdenum	94-1	1283	1517	1767	1522	15.88	cps
Molybdenum	95-1	950	917	983	950	3.51	cps
Molybdenum	96-1	1258	1175	1483	1306	12.22	cps
Molybdenum	97-1	533	725	758	672	18.06	cps
Molybdenum	98-1	1634	1517	1417	1522	7.12	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	447	510	490	482	6.71	cps
Phosphorus	31-2	417	242	275	311	29.87	cps
Potassium	39-2	37382	36028	35878	36429	2.27	cps
Rhodium	103-1	23936950	24083175	24027875	24016000	0.31	cps
Rhodium	103-2	11304714	11154401	11089517	11182877	0.99	cps
Scandium	45-1	19635016	19461597	19400176	19498930	0.62	cps
Scandium	45-2	826145	823594	828243	825994	0.28	cps
Selenium	82-1	136	83	66	95	38.61	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	94	81	106	94	12.84	cps
Silicon	28-1	504315	507411	504666	505464	0.34	cps
Silver	107-1	625	825	742	731	13.75	cps
Silver	109-1	492	558	483	511	8.04	cps
Sodium	23-2	38041	38743	37465	38083	1.68	cps
Strontium	86-1	1250	925	1100	1092	14.90	cps
Strontium	88-1	767	650	750	722	8.74	cps
Sulfur	34-1	689341	690273	698360	692658	0.72	cps
Terbium	159-1	30879424	30560998	31210681	30883701	1.05	cps
Terbium	159-2	13817283	13759634	13863013	13813310	0.38	cps
Thallium	203-1	292	392	300	328	16.93	cps
Thallium	205-1	1108	875	992	992	11.77	cps
Thorium	232-1	2245	2284	2400	2310	3.51	cps
Tin	118-1	1650	1492	1775	1639	8.66	cps
Titanium	47-1	350	267	250	289	18.55	cps
Uranium	238-1	283	417	325	342	19.96	cps

LB Number :	LB110850	Operator :	JASWAL
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2020-09-03 18:52:52	DataFile Name :	040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	33	43	27	34	24.35	cps
Yttrium	89-1	55758694	55952468	55589766	55766976	0.33	cps
Yttrium	89-2	7342628	7357417	7319396	7339814	0.26	cps
Zinc	66-2	2160	1837	2137	2045	8.82	cps
Zirconium	91-1	642	633	792	689	12.93	cps
Zirconium	90-1	2709	3317	4001	3342	19.34	cps