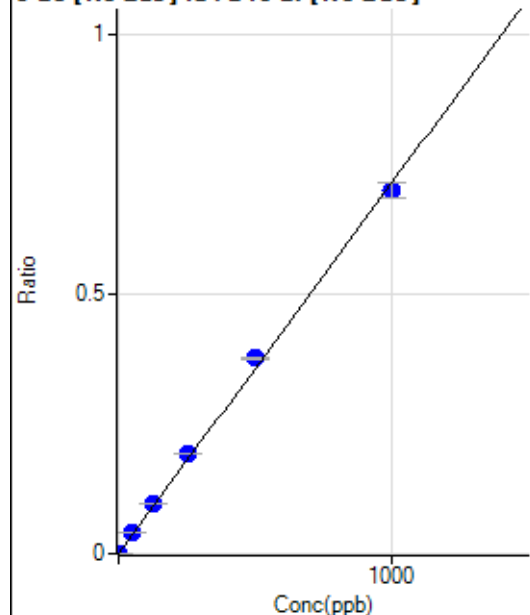


Batch Folder: C:\Agilent\ICPMH\1\DATA\P7100720M.b\
Analysis File: P7100720M.batch.bin
DA Date-Time: 2020-10-08 23:14:53
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2020-10-07 13:19:09
2	004CALS.d	S02	2020-10-07 13:22:37
3	005CALS.d	S03	2020-10-07 13:26:04
4	006CALS.d	S04	2020-10-07 13:29:31
5	007CALS.d	S05	2020-10-07 13:32:53
6	008CALS.d	S06	2020-10-07 13:36:10
7	009CALS.d	S07	2020-10-07 13:39:24
8	010CALS.d	S08	2020-10-07 13:42:37

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	61.11	0.0000	P	39.2
2	☐	1.000	1.019	3042.94	0.0007	P	3.1
3	☐	50.000	55.231	158739.94	0.0394	P	1.7
4	☐	125.000	135.533	380395.61	0.0967	P	1.3
5	☐	250.000	269.100	737060.73	0.1920	P	0.2
6	☐	500.000	528.031	1435523.02	0.3768	P	1.2
7	☐	1000.000	979.631	2711560.51	0.6990	P	4.1
8	☐			303.71	0.0001	P	14.0

$$y = 7.1356E-004 * x + 1.5033E-005$$

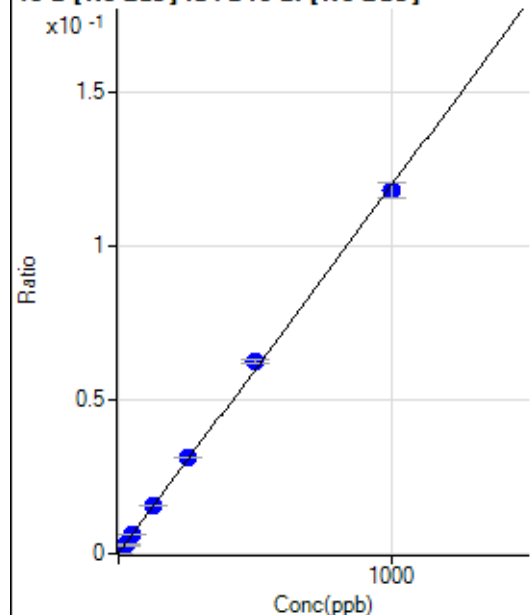
$$R = 0.9992$$

$$DL = 0.0248$$

$$BEC = 0.02107$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	483.97	0.0001	P	12.4
2	☐	25.000	22.614	11565.60	0.0028	P	2.0
3	☐	50.000	53.033	25985.20	0.0065	P	2.4
4	☐	125.000	128.321	60750.11	0.0154	P	0.6
5	☐	250.000	261.315	120261.21	0.0313	P	0.7
6	☐	500.000	522.426	238204.11	0.0625	P	1.6
7	☐	1000.000	985.451	457061.89	0.1178	P	4.2
8	☐			15978.49	0.0041	P	7.2

$$y = 1.1945E-004 * x + 1.1928E-004$$

$$R = 0.9995$$

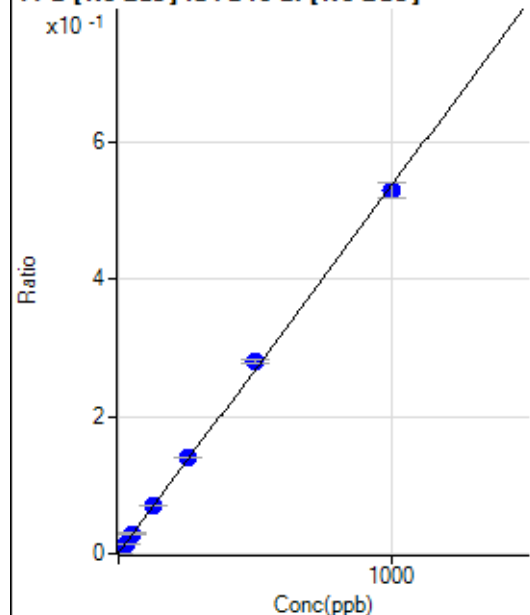
$$DL = 0.3706$$

$$BEC = 0.9985$$

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	2347.48	0.0006	P	1.9
2	☐	25.000	24.290	55764.06	0.0136	P	0.8
3	☐	50.000	53.472	117713.13	0.0292	P	1.9
4	☐	125.000	129.822	275906.44	0.0702	P	0.6
5	☐	250.000	259.882	536792.28	0.1399	P	1.1
6	☐	500.000	521.235	1066441.88	0.2799	P	2.0
7	☐	1000.000	986.154	2052285.51	0.5291	P	4.4
8	☐			75284.43	0.0193	P	4.2

$$y = 5.3596\text{E-}004 * x + 5.7819\text{E-}004$$

$$R = 0.9996$$

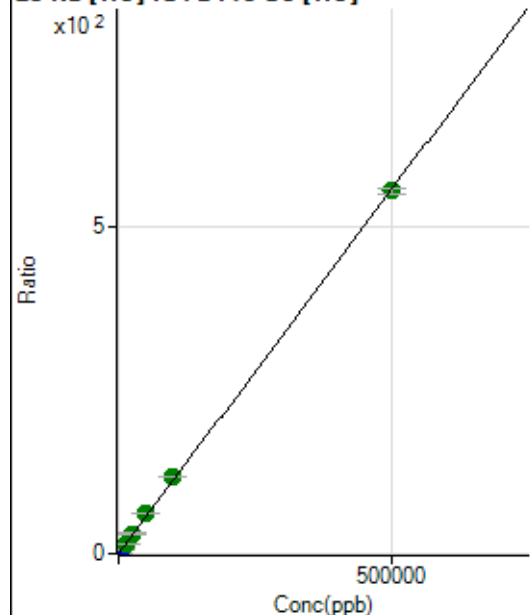
$$DL = 0.05992$$

$$BEC = 1.079$$

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	36631.22	0.0548	P	0.7
2	☐	500.000	525.062	427688.79	0.6380	P	5.0
3	☐	5000.000	5702.146	4141416.67	6.3891	P	5.4
4	☐	12500.000	13790.855	9417976.25	15.3745	A	3.9
5	☐	25000.000	27631.595	18329908.57	30.7497	A	3.1
6	☐	50000.000	54774.195	36807038.67	60.9014	A	1.0
7	☐	100000.00	105446.83	73225060.66	117.1919	A	0.2
8	☐	500000.00	498262.31	371931280.54	553.5564	A	1.7

$$y = 0.0011 * x + 0.0548$$

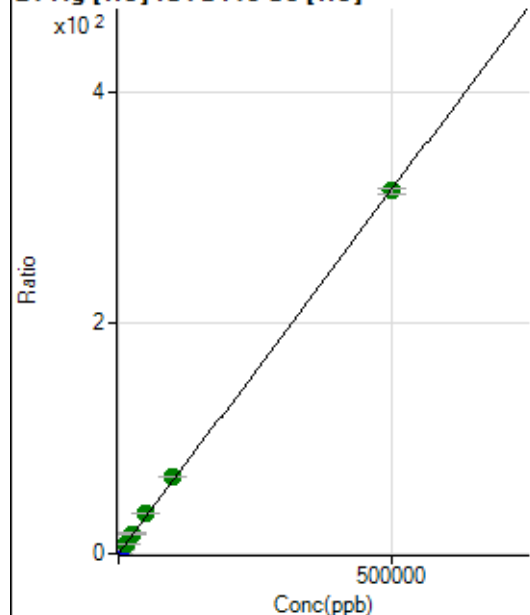
$$R = 0.9999$$

$$DL = 0.9671$$

$$BEC = 49.3$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	861.16	0.0013	P	7.9
2	☐	500.000	502.655	213399.71	0.3184	P	7.3
3	☐	5000.000	5483.660	2243300.87	3.4609	P	7.6
4	☐	12500.000	13670.873	5284023.43	8.6261	A	4.1
5	☐	25000.000	27560.811	10365570.11	17.3890	A	3.2
6	☐	50000.000	54834.731	20908639.36	34.5958	A	0.8
7	☐	100000.00	104859.43	41337761.34	66.1557	A	0.9
8	☐	500000.00	498382.48	211259267.22	314.4242	A	1.9

$$y = 6.3089\text{E-}004 * x + 0.0013$$

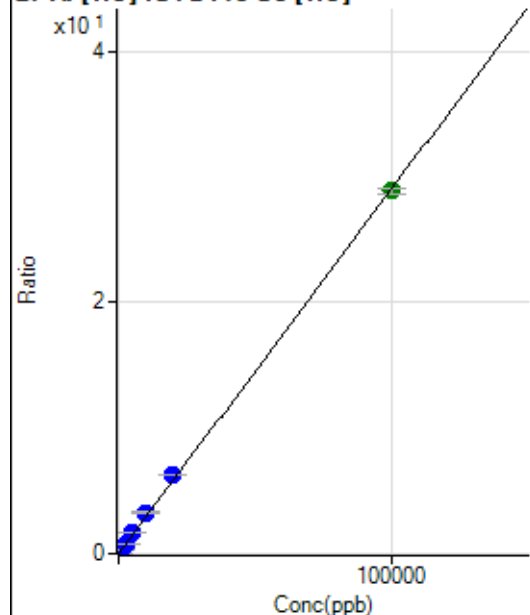
$$R = 0.9999$$

$$DL = 0.4838$$

$$BEC = 2.041$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	222.23	0.0003	P	30.4
2	☐	20.000	19.941	4103.45	0.0061	P	9.2
3	☐	1000.000	1179.236	222193.76	0.3428	P	9.1
4	☐	2500.000	2810.534	500166.90	0.8165	P	4.6
5	☐	5000.000	5721.442	990620.61	1.6619	P	3.7
6	☐	10000.000	11287.642	1981406.34	3.2784	P	1.6
7	☐	20000.000	21675.315	3933512.89	6.2951	P	0.7
8	☐	100000.00	99490.545	19413003.39	28.8936	A	1.8

$$y = 2.9041\text{E-}004 * x + 3.3236\text{E-}004$$

$$R = 0.9998$$

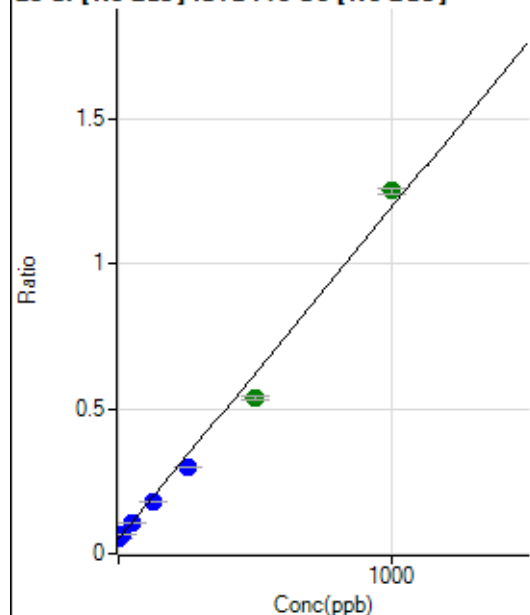
$$DL = 1.044$$

$$BEC = 1.144$$

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	629569.88	0.0542	P	0.8
2	☐	10.000	8.500	730399.79	0.0639	P	0.6
3	☐	50.000	45.034	1193826.08	0.1056	P	0.9
4	☐	125.000	110.905	1959138.61	0.1807	P	1.4
5	☐	250.000	215.428	3201922.57	0.3000	P	0.4
6	☐	500.000	422.325	5745451.82	0.5360	A	1.8
7	☐	1000.000	1049.506	13663397.70	1.2517	A	1.7
8	☐			815240.83	0.0729	P	0.6

$$y = 0.0011 * x + 0.0542$$

$$R = 0.9951$$

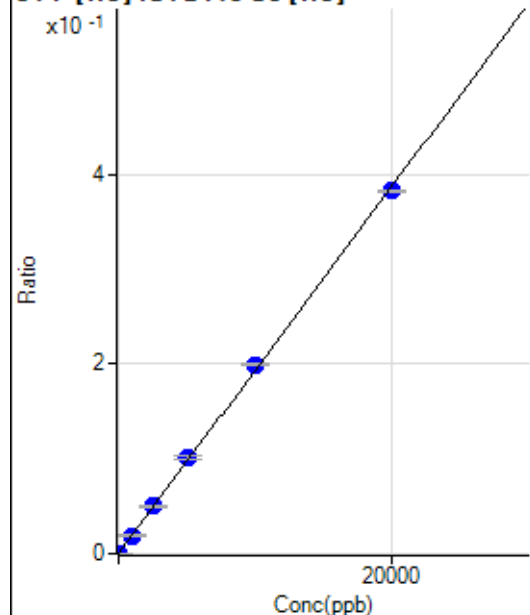
$$DL = 1.079$$

$$BEC = 47.48$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	1.508	186.12	0.0003	P	32.6
2	☐	0.000	-1.508	147.23	0.0002	P	34.0
3	☐	1000.000	980.186	12449.91	0.0192	P	6.2
4	☐	2500.000	2577.842	30687.66	0.0501	P	6.5
5	☐	5000.000	5210.166	60216.10	0.1010	P	3.7
6	☐	10000.000	10308.296	120647.14	0.1996	P	0.7
7	☐	20000.000	19784.571	239260.43	0.3829	P	0.7
8	☐			297.23	0.0004	P	8.4

$$y = 1.9341E-005 * x + 2.4928E-004$$

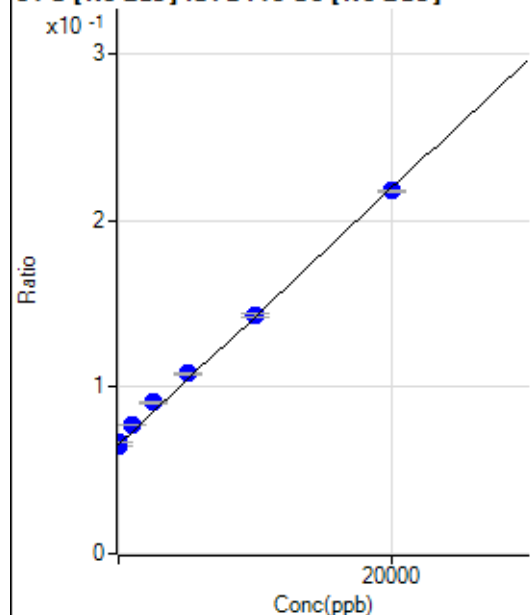
$$R = 0.9997$$

$$DL = 12.84$$

$$BEC = 12.89$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-164.620	752442.71	0.0648	P	0.9
2	☐	0.000	164.620	769436.04	0.0673	P	1.0
3	☐	1000.000	1455.960	873532.89	0.0772	P	0.3
4	☐	2500.000	3212.257	983979.29	0.0908	P	1.7
5	☐	5000.000	5460.732	1153765.15	0.1081	P	0.6
6	☐	10000.000	10065.613	1538781.25	0.1436	P	1.6
7	☐	20000.000	19740.180	2380949.73	0.2181	P	0.3
8	☐			677659.80	0.0606	P	0.7

$$y = 7.7037E-006 * x + 0.0660$$

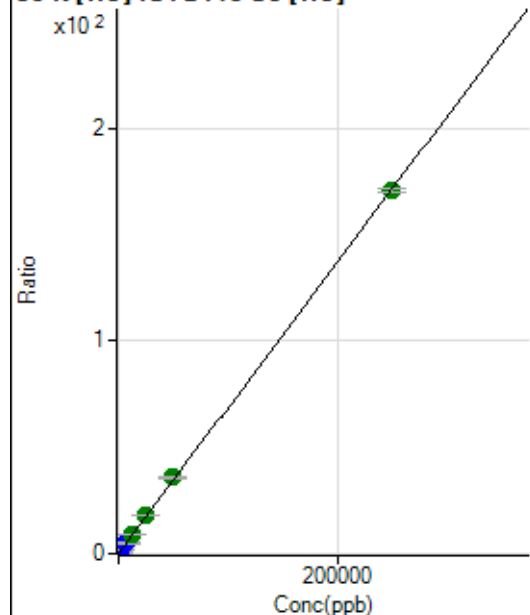
R = 0.9991

DL = 242.8

BEC = 8570

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	74827.20	0.1119	P	0.4
2	☐	500.000	513.484	310311.11	0.4629	P	4.2
3	☐	2500.000	2823.885	1323883.37	2.0424	P	4.3
4	☐	6250.000	7163.220	3068513.98	5.0089	P	3.2
5	☐	12500.000	13410.202	5531849.17	9.2796	A	2.4
6	☐	25000.000	26667.797	11085914.22	18.3429	A	0.8
7	☐	50000.000	52217.393	22375801.72	35.8095	A	1.0
8	☐	250000.00	249318.13	114593058.12	170.5546	A	1.1

$$y = 6.8364E-004 * x + 0.1119$$

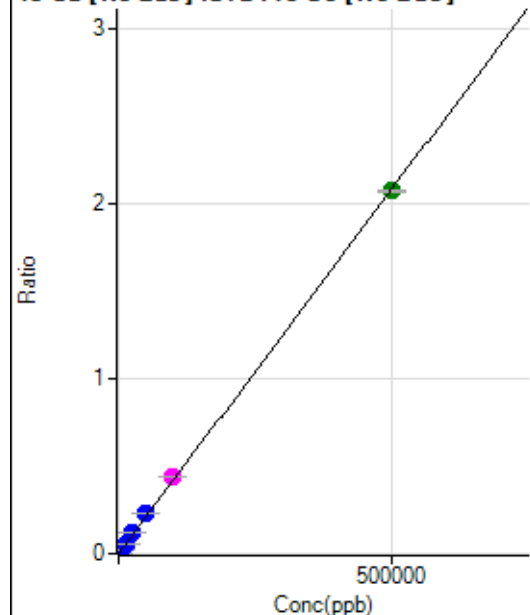
R = 0.9999

DL = 1.965

BEC = 163.6

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	402.79	0.0000	P	8.3
2	☐	500.000	521.139	25194.11	0.0022	P	1.2
3	☐	5000.000	5622.258	265015.60	0.0234	P	0.9
4	☐	12500.000	14064.566	634879.69	0.0586	P	1.1
5	☐	25000.000	27963.325	1242465.89	0.1164	P	0.3
6	☐	50000.000	55246.779	2464572.25	0.2299	P	1.8
7	☐	100000.00	105741.01	4804758.01	0.4401	M	2.1
8	☐	500000.00	498133.59	23188357.98	2.0730	A	0.4

$$y = 4.1615\text{E-}006 * x + 3.4661\text{E-}005$$

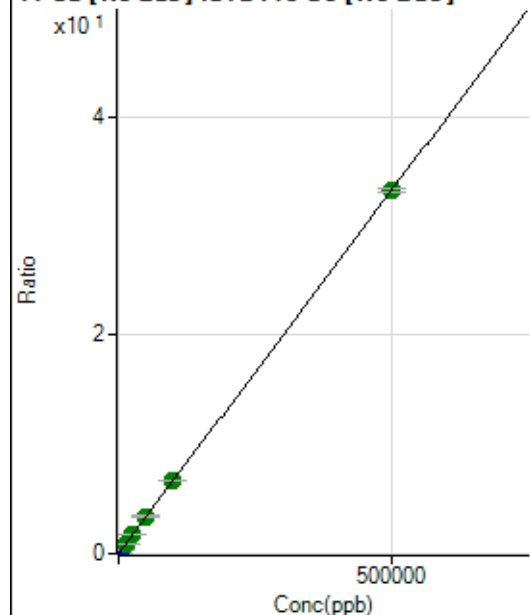
$$R = 0.9999$$

$$DL = 2.079$$

$$BEC = 8.329$$

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	22057.98	0.0019	P	1.7
2	☐	500.000	520.238	417280.69	0.0365	P	0.2
3	☐	5000.000	5577.501	4216189.09	0.3728	P	0.8
4	☐	12500.000	13042.286	9422541.06	0.8692	A	1.3
5	☐	25000.000	25942.127	18433708.76	1.7270	A	0.7
6	☐	50000.000	51471.199	36709941.02	3.4246	A	0.7
7	☐	100000.00	100669.81	73103873.58	6.6962	A	0.4
8	☐	500000.00	499652.45	371666553.12	33.2277	A	1.0

$$y = 6.6498\text{E-}005 * x + 0.0019$$

$$R = 1.0000$$

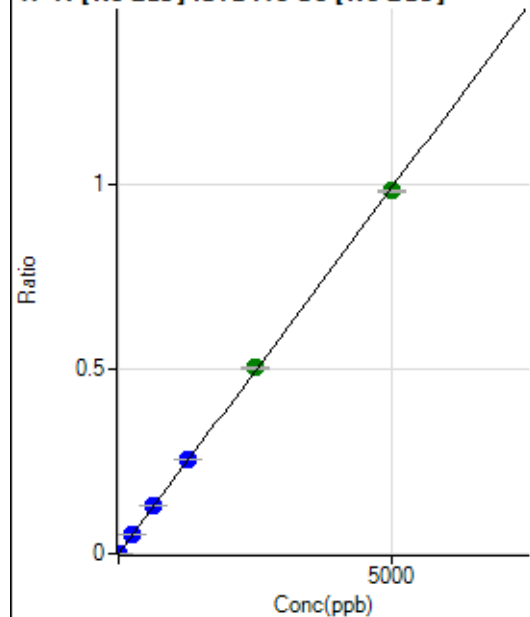
$$DL = 1.446$$

$$BEC = 28.54$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	180.56	0.0000	P	44.1
2	☐	5.000	4.888	11248.96	0.0010	P	4.8
3	☐	250.000	259.980	582721.50	0.0515	P	1.3
4	☐	625.000	652.163	1400863.87	0.1292	P	1.5
5	☐	1250.000	1289.261	2726666.18	0.2554	P	0.2
6	☐	2500.000	2546.030	5407347.17	0.5044	A	0.6
7	☐	5000.000	4963.276	10735141.47	0.9834	A	0.4
8	☐			1327.87	0.0001	P	20.9

$$y = 1.9812E-004 * x + 1.5538E-005$$

$$R = 0.9999$$

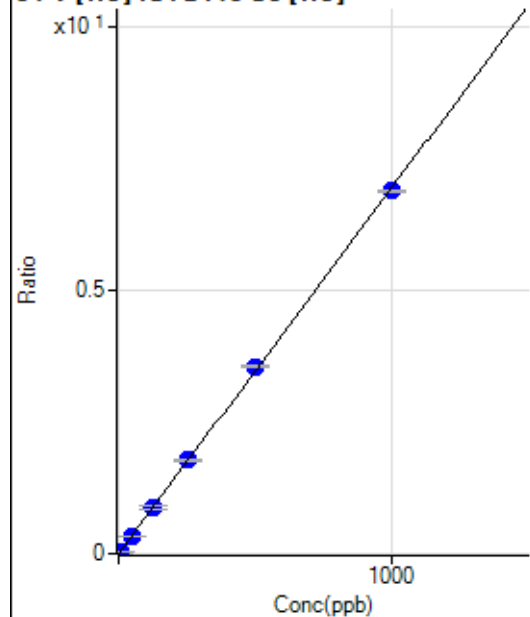
$$DL = 0.1038$$

$$BEC = 0.07843$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.33	0.0000	P	43.1
2	☐	5.000	4.503	20976.16	0.0313	P	8.2
3	☐	50.000	47.387	213341.28	0.3291	P	7.9
4	☐	125.000	125.706	534753.12	0.8731	P	5.6
5	☐	250.000	256.136	1060455.20	1.7790	P	2.8
6	☐	500.000	511.996	2149125.42	3.5560	P	0.9
7	☐	1000.000	992.513	4307275.91	6.8933	P	0.6
8	☐			691.14	0.0010	P	5.2

$$y = 0.0069 * x + 1.9925E-005$$

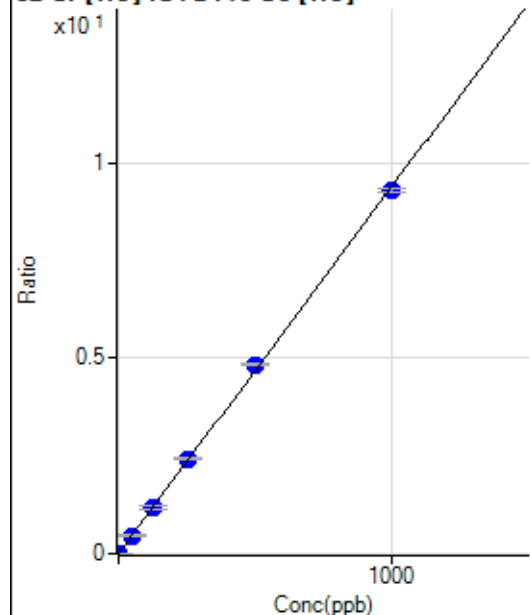
$$R = 0.9999$$

$$DL = 0.003711$$

$$BEC = 0.002869$$

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	1164.28	0.0017	P	7.3
2	☐	2.000	2.096	14351.91	0.0214	P	8.5
3	☐	50.000	48.192	294332.78	0.4541	P	9.0
4	☐	125.000	126.954	730892.55	1.1934	P	6.1
5	☐	250.000	259.126	1450932.69	2.4340	P	3.0
6	☐	500.000	515.933	2927889.10	4.8445	P	1.0
7	☐	1000.000	989.598	5805294.36	9.2905	P	1.1
8	☐			14367.33	0.0214	P	1.9

$$y = 0.0094 * x + 0.0017$$

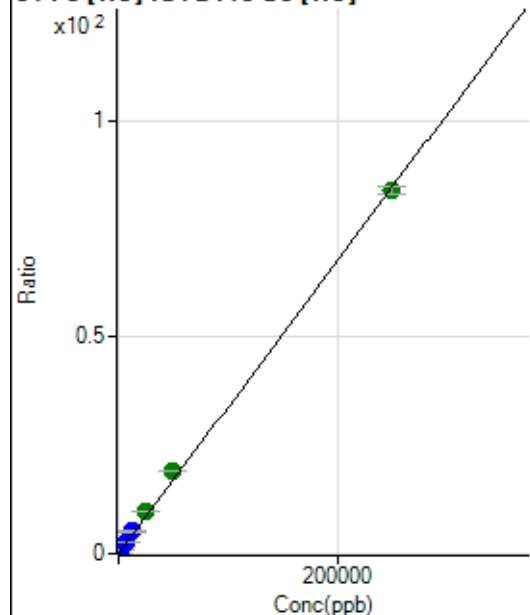
$$R = 0.9997$$

$$DL = 0.04045$$

$$BEC = 0.1855$$

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	1538.34	0.0023	P	2.7
2	☐	50.000	54.178	13787.28	0.0206	P	8.4
3	☐	2500.000	2860.835	626933.40	0.9672	P	8.6
4	☐	6250.000	7535.239	1557926.15	2.5438	P	6.5
5	☐	12500.000	15339.993	3085549.79	5.1763	P	3.4
6	☐	25000.000	29291.930	5972510.01	9.8821	A	1.1
7	☐	50000.000	56350.049	11877784.14	19.0085	A	1.4
8	☐	250000.00	248123.05	56231571.25	83.6911	A	2.1

$$y = 3.3729E-004 * x + 0.0023$$

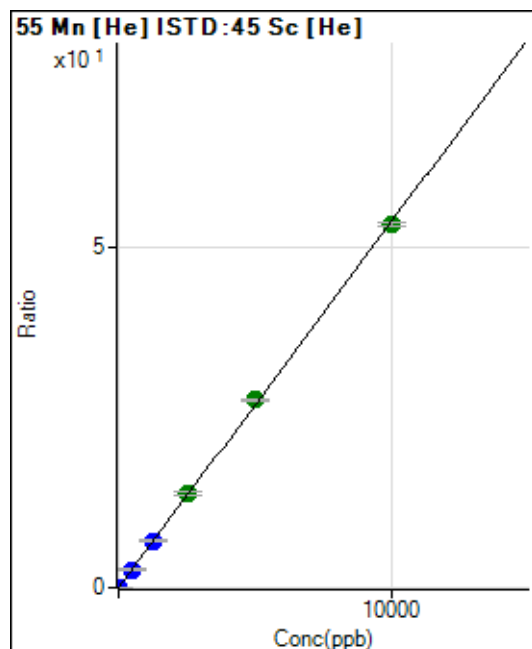
$$R = 0.9996$$

$$DL = 0.5469$$

$$BEC = 6.818$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	91.11	0.0001	P	11.6
2	☐	1.000	0.909	3372.65	0.0050	P	8.4
3	☐	500.000	488.195	1704142.46	2.6291	P	7.3
4	☐	1250.000	1282.809	4231054.45	6.9080	P	5.6
5	☐	2500.000	2569.542	8248459.81	13.8371	A	2.8
6	☐	5000.000	5136.492	16717063.36	27.6601	A	1.0
7	☐	10000.000	9910.858	33348368.11	53.3700	A	0.9
8	☐			27768.47	0.0413	P	0.8

$$y = 0.0054 * x + 1.3626E-004$$

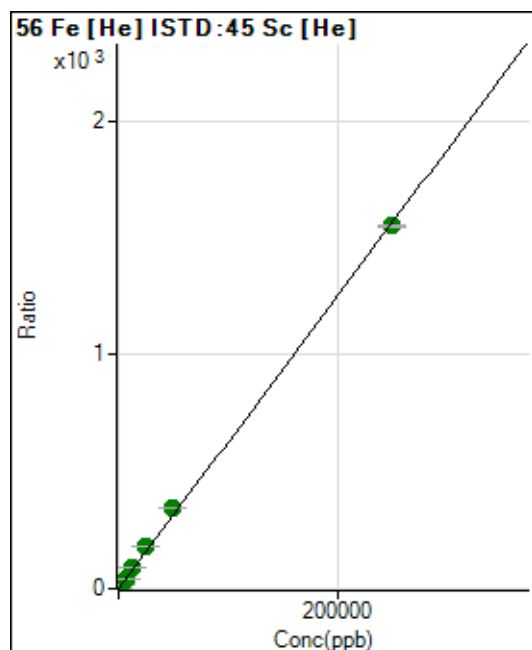
$$R = 0.9998$$

$$DL = 0.008833$$

$$BEC = 0.0253$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12878.03	0.0193	P	1.8
2	☐	50.000	50.857	225530.28	0.3366	P	9.0
3	☐	2500.000	2646.313	10714433.92	16.5298	A	8.3
4	☐	6250.000	6996.915	26747954.07	43.6736	A	6.1
5	☐	12500.000	14367.036	53445486.38	89.6565	A	2.8
6	☐	25000.000	28741.119	108387153.35	179.3377	A	1.1
7	☐	50000.000	55365.134	215857130.75	345.4473	A	1.3
8	☐	250000.00	248439.37	1041453001.0	1,550.054	A	0.9

$$y = 0.0062 * x + 0.0193$$

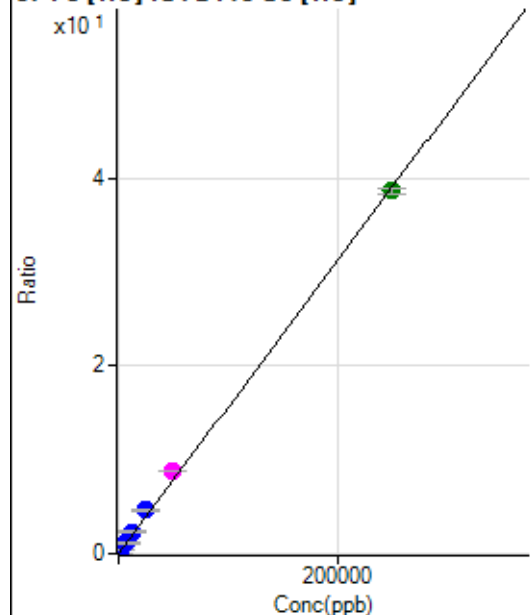
$$R = 0.9997$$

$$DL = 0.1692$$

$$BEC = 3.086$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1163.02	0.0017	P	10.4
2	☐	50.000	54.330	6840.60	0.0102	P	7.7
3	☐	2500.000	2763.832	280375.92	0.4326	P	9.1
4	☐	6250.000	7310.115	698961.18	1.1412	P	5.8
5	☐	12500.000	14918.752	1387298.67	2.3272	P	2.8
6	☐	25000.000	29583.061	2788018.81	4.6131	P	1.1
7	☐	50000.000	56457.233	5499647.69	8.8021	M	1.1
8	☐	250000.00	248100.16	25985446.18	38.6749	A	1.9

$$y = 1.5588\text{E-}004 * x + 0.0017$$

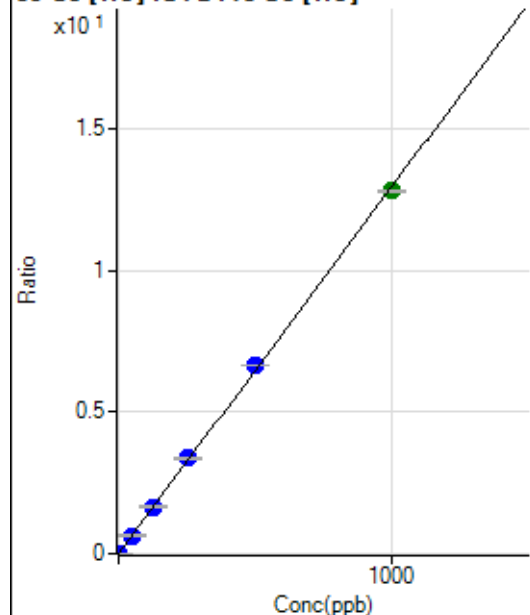
R = 0.9995

DL = 3.477

BEC = 11.15

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	135.56	0.0002	P	17.6
2	☐	1.000	0.920	8132.31	0.0121	P	9.0
3	☐	50.000	49.010	412059.08	0.6357	P	7.8
4	☐	125.000	128.470	1020388.73	1.6660	P	6.0
5	☐	250.000	260.733	2015513.71	3.3811	P	2.8
6	☐	500.000	514.400	4031365.15	6.6703	P	0.9
7	☐	1000.000	989.733	8019216.48	12.8339	A	0.5
8	☐			17676.27	0.0263	P	1.2

$$y = 0.0130 * x + 2.0262\text{E-}004$$

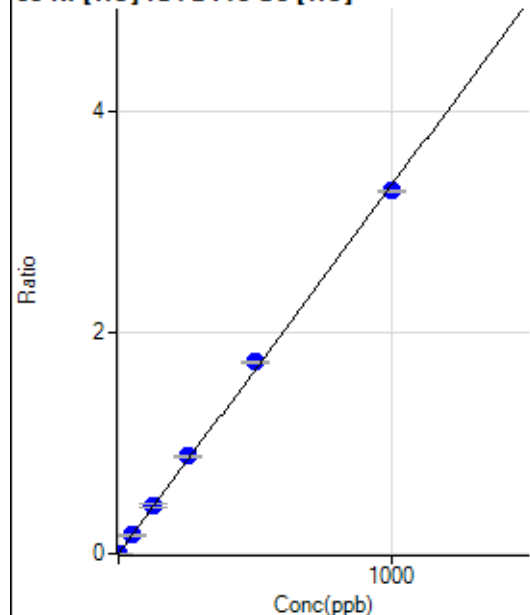
R = 0.9998

DL = 0.008249

BEC = 0.01563

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	72.22	0.0001	P	23.0
2	☐	1.000	0.955	2206.85	0.0033	P	10.3
3	☐	50.000	50.261	108729.02	0.1677	P	7.0
4	☐	125.000	130.352	266360.99	0.4349	P	5.2
5	☐	250.000	264.353	525664.70	0.8818	P	2.5
6	☐	500.000	520.488	1049237.50	1.7361	P	0.8
7	☐	1000.000	985.486	2053811.34	3.2870	P	0.7
8	☐			5176.52	0.0077	P	1.5

$$y = 0.0033 * x + 1.0801E-004$$

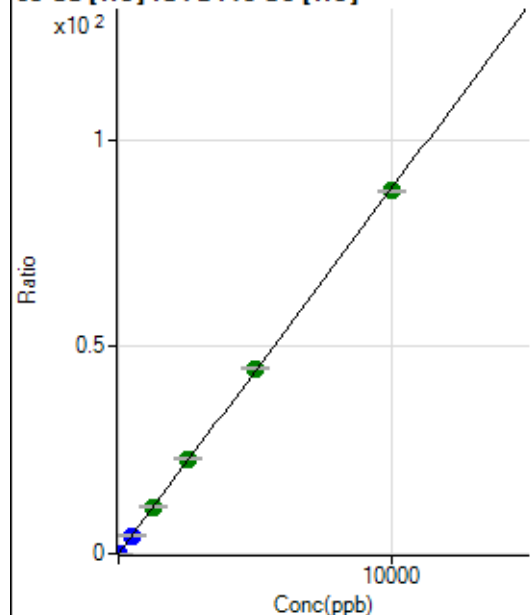
$$R = 0.9996$$

$$DL = 0.02232$$

$$BEC = 0.03238$$

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	2241.31	0.0034	P	1.1
2	☐	2.000	1.954	13803.28	0.0206	P	6.9
3	☐	500.000	484.716	2774790.55	4.2808	P	7.7
4	☐	1250.000	1268.243	6857585.52	11.1952	A	4.6
5	☐	2500.000	2592.240	13639349.94	22.8791	A	2.0
6	☐	5000.000	5081.061	27101115.71	44.8423	A	0.3
7	☐	10000.000	9934.893	54783839.74	87.6760	A	0.4
8	☐			11740.33	0.0175	P	0.2

$$y = 0.0088 * x + 0.0034$$

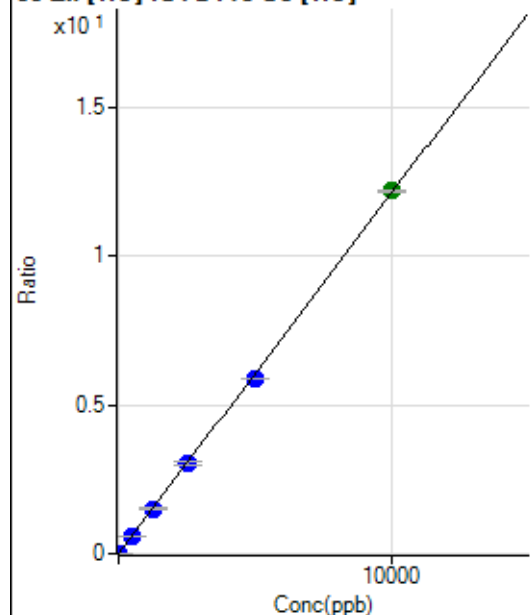
$$R = 0.9999$$

$$DL = 0.01278$$

$$BEC = 0.3797$$

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	469.70	0.0007	P	29.5
2	☐	2.000	2.266	2310.88	0.0034	P	4.2
3	☐	500.000	472.714	371347.98	0.5729	P	8.2
4	☐	1250.000	1242.666	921740.15	1.5049	P	5.5
5	☐	2500.000	2511.536	1812687.15	3.0408	P	2.7
6	☐	5000.000	4866.668	3560673.65	5.8916	P	0.5
7	☐	10000.000	10066.063	7613500.49	12.1852	A	0.6
8	☐			17209.75	0.0256	P	3.3

$$y = 0.0012 * x + 7.0284E-004$$

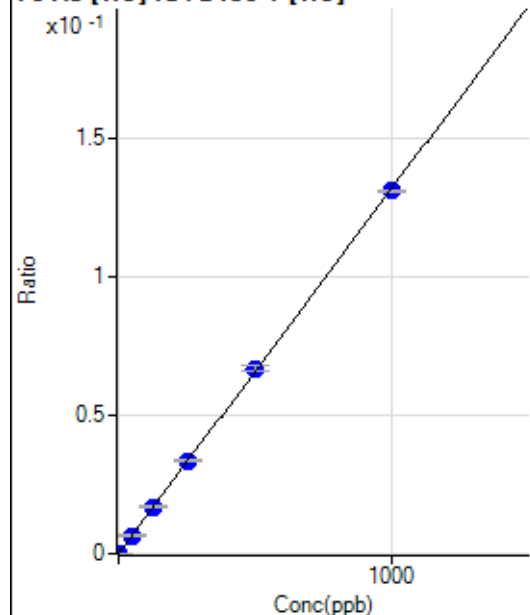
$$R = 0.9999$$

$$DL = 0.514$$

$$BEC = 0.5806$$

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	16.67	0.0000	P	59.4
2	☐	1.000	0.891	525.32	0.0001	P	10.7
3	☐	50.000	48.663	27266.29	0.0064	P	6.9
4	☐	125.000	127.352	68470.39	0.0168	P	5.0
5	☐	250.000	254.606	135161.85	0.0336	P	1.6
6	☐	500.000	508.555	271424.56	0.0671	P	2.2
7	☐	1000.000	994.344	543566.12	0.1312	P	0.8
8	☐			245.07	0.0001	P	9.1

$$y = 1.3195E-004 * x + 3.9013E-006$$

$$R = 0.9999$$

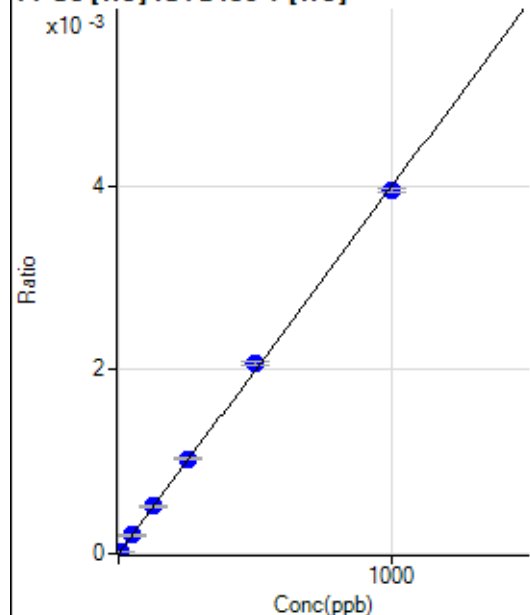
$$DL = 0.05268$$

$$BEC = 0.02957$$

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	3.668	63.34	0.0000	P	8.9
3	☐	50.000	50.129	848.92	0.0002	P	7.4
4	☐	125.000	129.231	2101.28	0.0005	P	5.3
5	☐	250.000	257.442	4132.85	0.0010	P	2.2
6	☐	500.000	518.533	8370.27	0.0021	P	2.7
7	☐	1000.000	988.344	16341.52	0.0039	P	0.9
8	☐			3.33	0.0000	P	100.

$$y = 3.9912\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9997$$

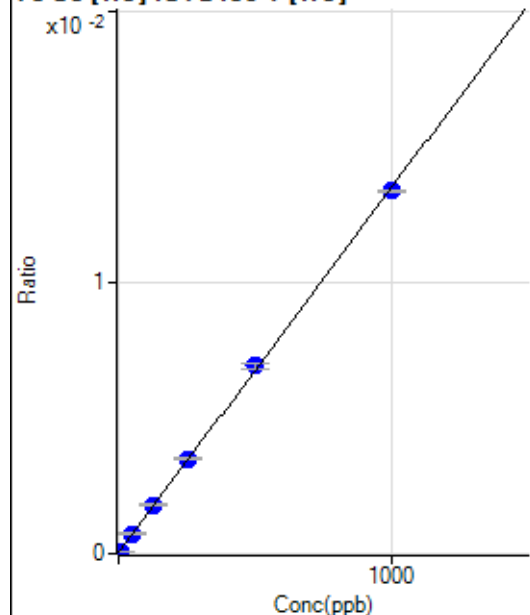
$$DL = 0$$

$$BEC = 0$$

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	186.42	0.0000	P	13.8
2	☐	5.000	4.032	422.85	0.0001	P	10.2
3	☐	50.000	51.721	3134.31	0.0007	P	5.4
4	☐	125.000	130.442	7318.54	0.0018	P	5.1
5	☐	250.000	256.782	14058.08	0.0035	P	2.2
6	☐	500.000	512.888	28052.32	0.0069	P	3.0
7	☐	1000.000	991.099	55357.24	0.0134	P	0.5
8	☐			189.51	0.0000	P	14.4

$$y = 1.3439\text{E-}005 * x + 4.3573\text{E-}005$$

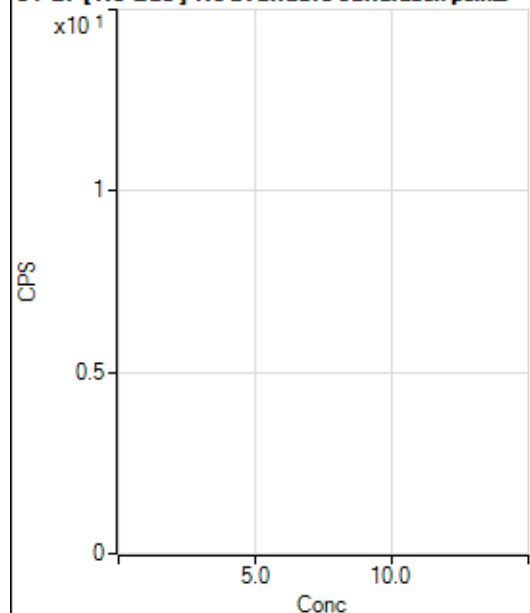
$$R = 0.9998$$

$$DL = 1.343$$

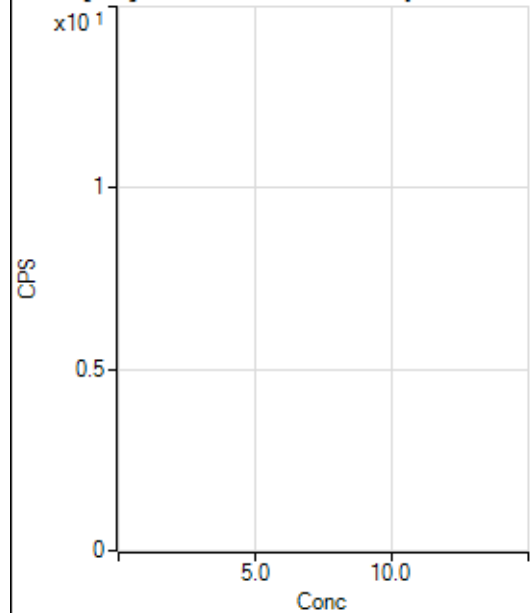
$$BEC = 3.242$$

Weight: <None>

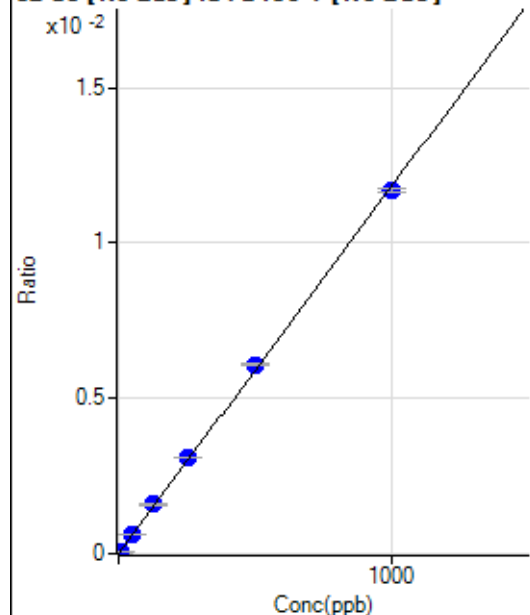
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			52641.18		P	0.1
2	☐			52379.16		P	3.0
3	☐			52278.76		P	1.6
4	☐			49396.51		P	1.5
5	☐			47668.49		P	0.9
6	☐			48930.73		P	1.1
7	☐			50940.61		P	1.5
8	☐			52044.74		P	0.1

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			143.49		P	8.1
2	☐			136.81		P	23.5
3	☐			83.42		P	50.0
4	☐			100.10		P	36.1
5	☐			80.08		P	12.5
6	☐			93.43		P	6.2
7	☐			113.45		P	41.7
8	☐			113.45		P	45.3

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	107.41	0.0000	P	42.7
2	☐	5.000	5.057	1644.08	0.0001	P	3.3
3	☐	50.000	54.178	16238.76	0.0006	P	1.0
4	☐	125.000	134.598	39280.37	0.0016	P	2.0
5	☐	250.000	262.866	76078.08	0.0031	P	0.2
6	☐	500.000	514.338	150664.50	0.0061	P	0.8
7	☐	1000.000	988.205	292620.78	0.0117	P	0.9
8	☐			348.82	0.0000	P	24.6

$$y = 1.1813\text{E-}005 * x + 4.1768\text{E-}006$$

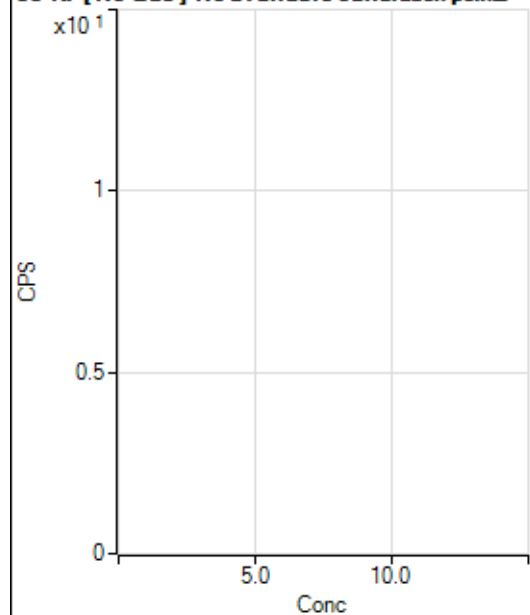
$$R = 0.9997$$

$$DL = 0.4528$$

$$BEC = 0.3536$$

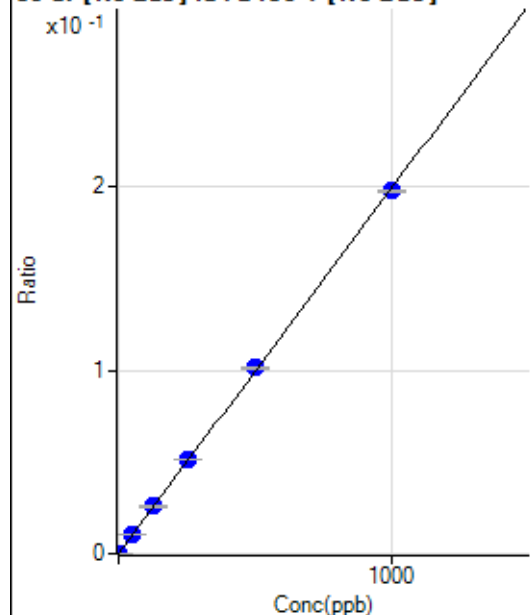
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			700.03		P	6.5
2	☐			721.14		P	7.2
3	☐			693.36		P	7.1
4	☐			664.47		P	5.5
5	☐			635.58		P	8.4
6	☐			665.58		P	1.6
7	☐			684.47		P	3.6
8	☐			735.58		P	10.7

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1077.84	0.0000	P	8.4
2	☐	1.000	0.949	5934.69	0.0002	P	3.0
3	☐	50.000	52.120	262438.22	0.0104	P	0.6
4	☐	125.000	129.182	634341.03	0.0257	P	1.3
5	☐	250.000	256.448	1249338.07	0.0511	P	0.5
6	☐	500.000	509.155	2511176.95	0.1013	P	0.8
7	☐	1000.000	993.182	4952300.11	0.1976	P	0.5
8	☐			27165.02	0.0011	P	1.4

$$y = 1.9895E-004 * x + 4.2008E-005$$

$$R = 0.9999$$

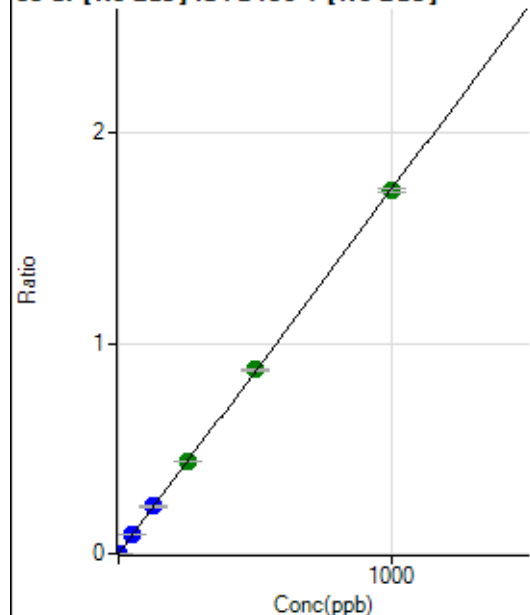
$$DL = 0.05312$$

$$BEC = 0.2111$$

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	347.23	0.0000	P	14.8
2	☐	1.000	0.948	42610.83	0.0017	P	1.2
3	☐	50.000	52.065	2275223.88	0.0903	P	0.9
4	☐	125.000	129.393	5526875.78	0.2243	P	1.5
5	☐	250.000	253.361	10745067.52	0.4392	A	1.1
6	☐	500.000	505.674	21720788.16	0.8765	A	1.3
7	☐	1000.000	995.670	43248326.32	1.7258	A	0.9
8	☐			228095.40	0.0092	P	1.9

$$y = 0.0017 * x + 1.3543E-005$$

$$R = 1.0000$$

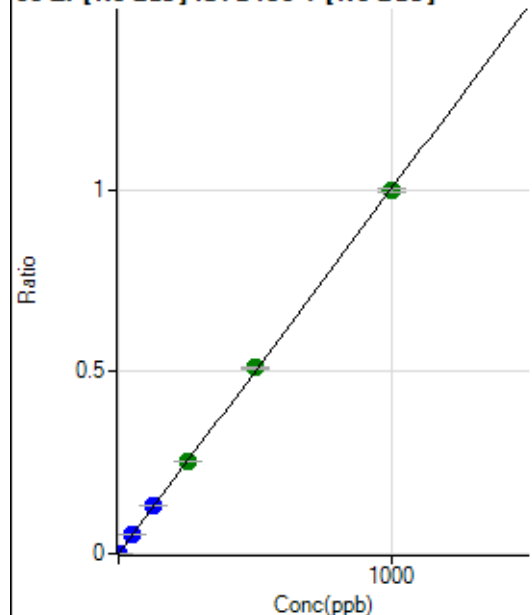
$$DL = 0.003475$$

$$BEC = 0.007813$$

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	1283.43	0.0001	P	2.3
2	☐	1.000	0.969	26271.78	0.0010	P	1.6
3	☐	50.000	52.583	1329605.57	0.0527	P	0.7
4	☐	125.000	130.988	3235747.06	0.1313	P	1.6
5	☐	250.000	253.872	6226086.99	0.2545	A	0.5
6	☐	500.000	508.455	12627844.46	0.5096	A	0.7
7	☐	1000.000	993.927	24959387.54	0.9961	A	0.9
8	☐			7349.29	0.0003	P	2.2

$$y = 0.0010 * x + 5.0009E-005$$

$$R = 0.9999$$

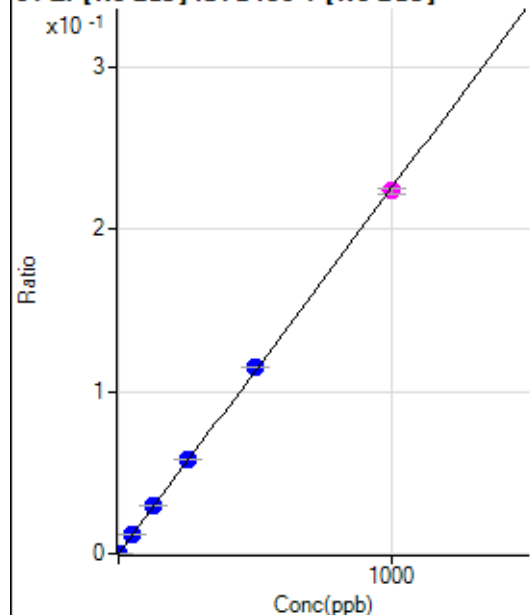
$$DL = 0.003421$$

$$BEC = 0.0499$$

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	236.12	0.0000	P	31.1
2	☐	1.000	0.923	5578.98	0.0002	P	3.5
3	☐	50.000	51.804	294209.97	0.0117	P	0.7
4	☐	125.000	130.034	721565.43	0.0293	P	1.6
5	☐	250.000	256.834	1414897.28	0.0578	P	1.0
6	☐	500.000	509.994	2845417.27	0.1148	P	0.5
7	☐	1000.000	992.575	5599741.32	0.2235	M	1.3
8	☐			1555.68	0.0001	P	12.0

$$y = 2.2513E-004 * x + 9.2196E-006$$

$$R = 0.9999$$

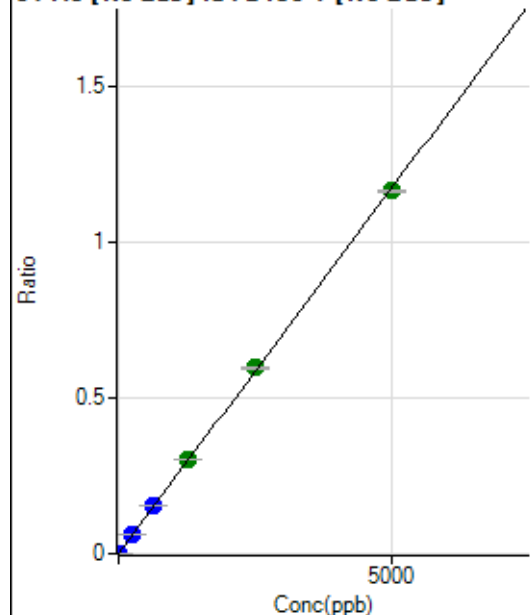
$$DL = 0.03822$$

$$BEC = 0.04095$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	408.35	0.0000	P	26.9
2	☐	5.000	4.978	30441.11	0.0012	P	1.4
3	☐	250.000	263.686	1559560.68	0.0619	P	1.0
4	☐	625.000	656.385	3794363.80	0.1540	P	1.5
5	☐	1250.000	1284.944	7375047.73	0.3014	A	0.8
6	☐	2500.000	2542.534	14779462.31	0.5964	A	1.1
7	☐	5000.000	4965.389	29186535.03	1.1648	A	0.4
8	☐			7985.80	0.0003	P	4.2

$$y = 2.3457E-004 * x + 1.5892E-005$$

$$R = 0.9999$$

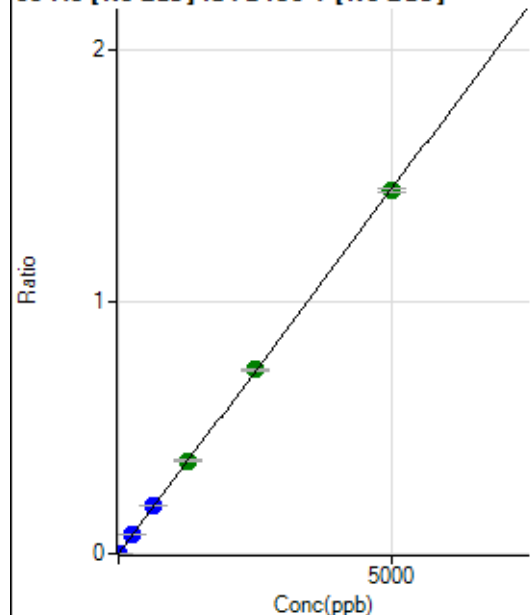
$$DL = 0.05466$$

$$BEC = 0.06775$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	66.67	0.0000	P	32.8
2	☐	5.000	4.848	36176.88	0.0014	P	1.8
3	☐	250.000	262.327	1915712.56	0.0760	P	1.5
4	☐	625.000	655.130	4676422.24	0.1898	P	2.2
5	☐	1250.000	1276.136	9045125.90	0.3697	A	1.5
6	☐	2500.000	2528.045	18148377.49	0.7324	A	1.0
7	☐	5000.000	4975.061	36114719.90	1.4413	A	0.9
8	☐			8686.21	0.0003	P	5.0

$$y = 2.8970E-004 * x + 2.5967E-006$$

$$R = 1.0000$$

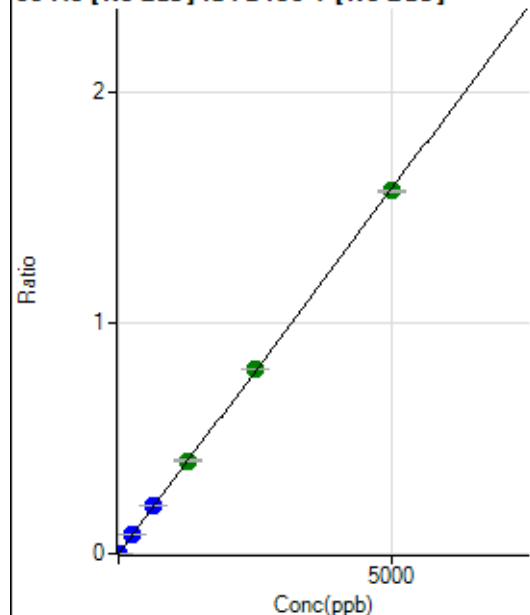
$$DL = 0.008818$$

$$BEC = 0.008963$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	158.34	0.0000	P	6.3
2	☐	5.000	4.823	39298.98	0.0015	P	1.5
3	☐	250.000	264.498	2104018.21	0.0835	P	0.7
4	☐	625.000	655.205	5094221.29	0.2068	P	2.6
5	☐	1250.000	1275.360	9846546.66	0.4024	A	0.9
6	☐	2500.000	2530.357	19786253.39	0.7985	A	0.6
7	☐	5000.000	4973.981	39330325.88	1.5695	A	0.6
8	☐			23105.39	0.0009	P	1.4

$$y = 3.1555\text{E-}004 * x + 6.1716\text{E-}006$$

$$R = 0.9999$$

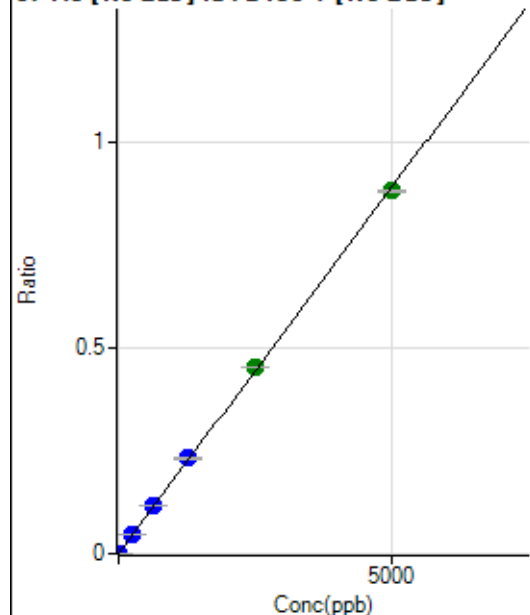
$$DL = 0.003726$$

$$BEC = 0.01956$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.67	0.0000	P	41.0
2	☐	5.000	4.908	22459.81	0.0009	P	1.6
3	☐	250.000	267.211	1196603.75	0.0475	P	0.7
4	☐	625.000	656.307	2872777.47	0.1166	P	2.3
5	☐	1250.000	1305.897	5676086.15	0.2320	P	1.0
6	☐	2500.000	2549.130	11221701.55	0.4528	A	0.9
7	☐	5000.000	4956.687	22064227.40	0.8805	A	0.8
8	☐			5028.78	0.0002	P	6.8

$$y = 1.7765\text{E-}004 * x + 1.6280\text{E-}006$$

$$R = 0.9999$$

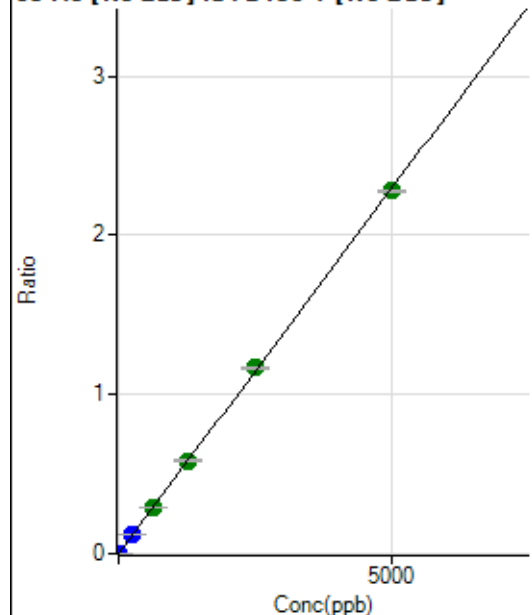
$$DL = 0.01128$$

$$BEC = 0.009164$$

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	66.67	0.0000	P	58.0
2	☐	5.000	4.907	57954.11	0.0023	P	1.7
3	☐	250.000	265.662	3071889.82	0.1219	P	0.6
4	☐	625.000	637.109	7201361.10	0.2923	A	1.8
5	☐	1250.000	1275.260	14312724.80	0.5850	A	1.1
6	☐	2500.000	2543.157	28908665.93	1.1666	A	0.9
7	☐	5000.000	4969.810	57125104.06	2.2797	A	0.8
8	☐			12569.76	0.0005	P	1.2

$$y = 4.5872E-004 * x + 2.6072E-006$$

$$R = 0.9999$$

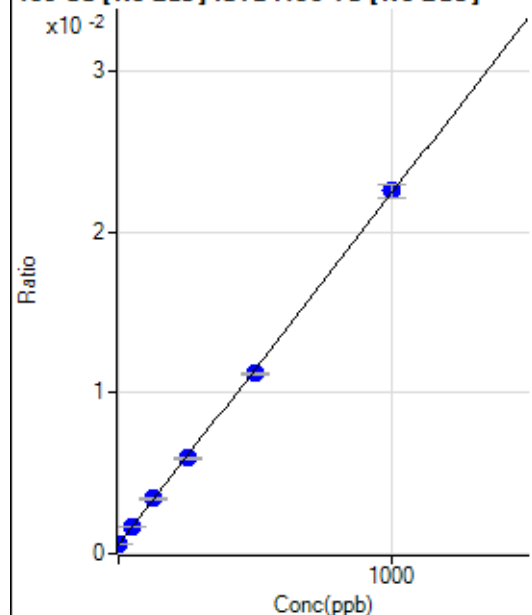
$$DL = 0.009895$$

$$BEC = 0.005684$$

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	11529.95	0.0006	P	1.4
2	☐	1.000	0.845	11896.93	0.0006	P	1.5
3	☐	50.000	51.172	34871.23	0.0017	P	1.4
4	☐	125.000	130.554	69268.86	0.0034	P	0.8
5	☐	250.000	247.292	123710.49	0.0060	P	1.8
6	☐	500.000	486.381	234217.72	0.0112	P	0.9
7	☐	1000.000	1006.734	467266.95	0.0226	P	3.4
8	☐			12283.41	0.0006	P	1.1

$$y = 2.1845E-005 * x + 5.6492E-004$$

$$R = 0.9998$$

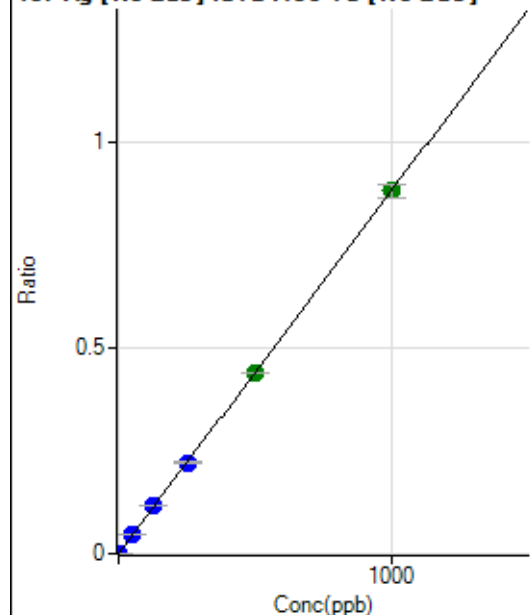
$$DL = 1.095$$

$$BEC = 25.86$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	147.23	0.0000	P	13.3
2	☐	1.000	1.018	18459.62	0.0009	P	3.1
3	☐	50.000	53.663	981134.13	0.0473	P	0.4
4	☐	125.000	131.561	2353136.21	0.1161	P	0.3
5	☐	250.000	251.525	4600724.54	0.2219	P	1.4
6	☐	500.000	497.838	9193136.14	0.4392	A	0.7
7	☐	1000.000	999.697	18268947.11	0.8820	A	3.7
8	☐			8144.17	0.0004	P	3.3

$$y = 8.8222\text{E-}004 * x + 7.2151\text{E-}006$$

$$R = 1.0000$$

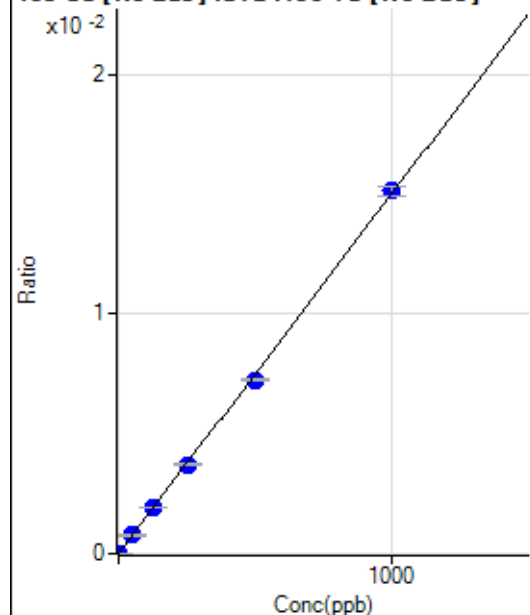
$$DL = 0.003271$$

$$BEC = 0.008178$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	29.16	0.0000	P	49.7
2	☐	1.000	0.953	320.84	0.0000	P	10.3
3	☐	50.000	51.308	15978.58	0.0008	P	2.9
4	☐	125.000	129.090	39291.74	0.0019	P	2.0
5	☐	250.000	247.756	77083.78	0.0037	P	2.3
6	☐	500.000	482.403	151520.47	0.0072	P	1.3
7	☐	1000.000	1008.783	313567.92	0.0151	P	3.0
8	☐			206.95	0.0000	P	19.1

$$y = 1.5003\text{E-}005 * x + 1.4297\text{E-}006$$

$$R = 0.9997$$

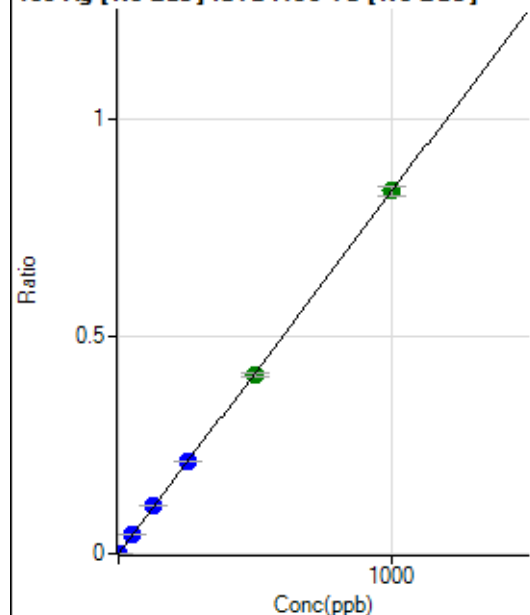
$$DL = 0.1421$$

$$BEC = 0.0953$$

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	88.90	0.0000	P	38.1
2	☐	1.000	1.039	17758.76	0.0009	P	2.1
3	☐	50.000	54.089	934643.53	0.0451	P	1.5
4	☐	125.000	132.366	2237842.91	0.1104	P	0.9
5	☐	250.000	255.458	4416563.77	0.2130	P	1.3
6	☐	500.000	491.417	8576890.64	0.4098	A	2.1
7	☐	1000.000	1001.802	17307059.94	0.8354	A	2.9
8	☐			7554.97	0.0004	P	1.7

$$y = 8.3390\text{E-}004 * x + 4.3578\text{E-}006$$

$$R = 0.9999$$

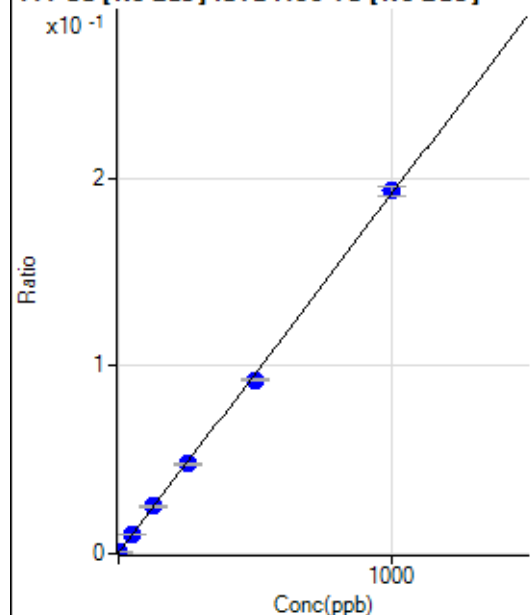
$$DL = 0.005966$$

$$BEC = 0.005226$$

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	8075.56	0.0004	P	1.2
2	☐	1.000	1.051	12165.01	0.0006	P	1.0
3	☐	50.000	51.548	212290.32	0.0102	P	1.8
4	☐	125.000	129.381	509279.80	0.0251	P	1.0
5	☐	250.000	247.837	990133.01	0.0478	P	1.5
6	☐	500.000	482.010	1936313.83	0.0925	P	0.6
7	☐	1000.000	1008.911	4002686.16	0.1932	P	2.6
8	☐			9886.95	0.0005	P	1.2

$$y = 1.9110\text{E-}004 * x + 3.9566\text{E-}004$$

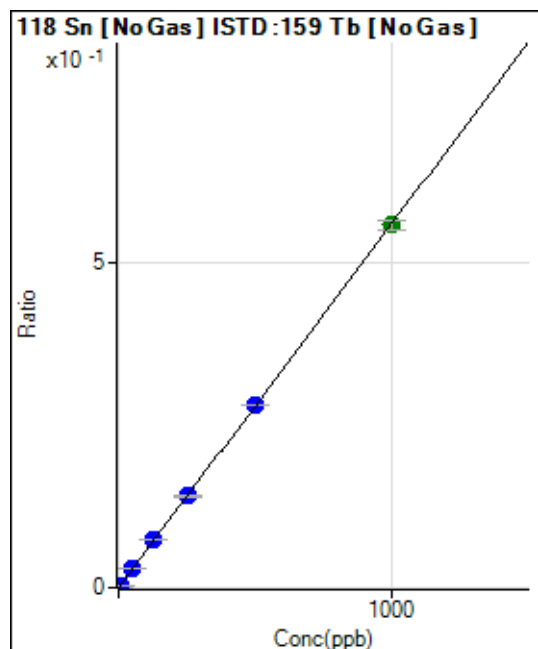
$$R = 0.9997$$

$$DL = 0.07613$$

$$BEC = 2.07$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1175.09	0.0001	P	2.1
2	☐	5.000	4.943	57612.62	0.0028	P	1.8
3	☐	50.000	52.451	609779.36	0.0294	P	1.2
4	☐	125.000	130.978	1488171.08	0.0734	P	0.1
5	☐	250.000	252.248	2929694.08	0.1413	P	1.7
6	☐	500.000	501.825	5883591.80	0.2811	P	0.6
7	☐	1000.000	997.656	11575967.79	0.5588	A	2.8
8	☐			4286.89	0.0002	P	4.1

$$y = 5.6001\text{E-}004 * x + 5.7575\text{E-}005$$

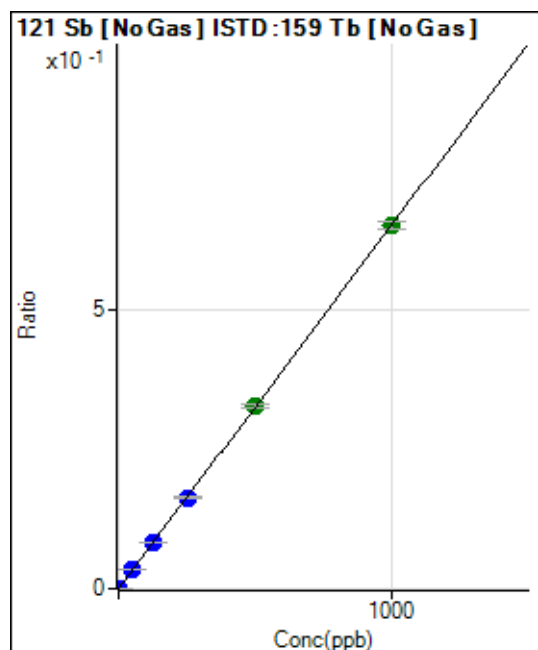
$$R = 1.0000$$

$$DL = 0.006496$$

$$BEC = 0.1028$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0000	P	46.0
2	☐	2.000	1.977	26305.71	0.0013	P	1.4
3	☐	50.000	51.569	695599.98	0.0336	P	1.5
4	☐	125.000	128.529	1696328.84	0.0837	P	0.6
5	☐	250.000	250.915	3386514.88	0.1633	P	1.4
6	☐	500.000	501.861	6838282.36	0.3267	A	1.6
7	☐	1000.000	998.321	13465459.33	0.6499	A	2.2
8	☐			8397.16	0.0004	P	5.0

$$y = 6.5100\text{E-}004 * x + 2.7240\text{E-}006$$

$$R = 1.0000$$

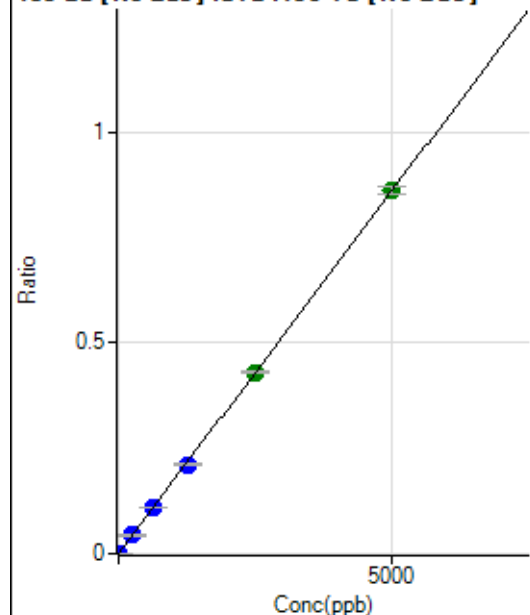
$$DL = 0.00578$$

$$BEC = 0.004184$$

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	47.22	0.0000	P	44.6
2	☐	10.000	9.718	34092.11	0.0017	P	1.1
3	☐	250.000	252.104	897381.95	0.0433	P	1.7
4	☐	625.000	631.348	2199045.73	0.1085	P	1.3
5	☐	1250.000	1228.946	4377456.82	0.2111	P	1.1
6	☐	2500.000	2495.008	8972499.59	0.4287	A	1.1
7	☐	5000.000	5006.861	17822983.04	0.8602	A	2.1
8	☐			29220.20	0.0015	P	0.8

$$y = 1.7180\text{E-}004 * x + 2.3156\text{E-}006$$

$$R = 1.0000$$

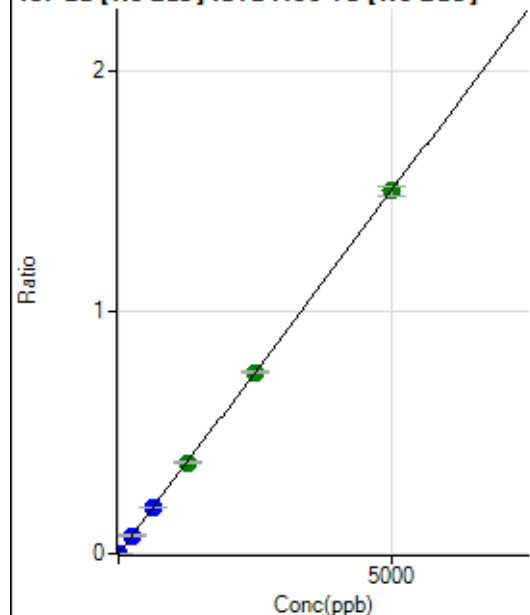
$$DL = 0.01804$$

$$BEC = 0.01348$$

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	50.00	0.0000	P	76.5
2	☐	10.000	9.554	58554.05	0.0029	P	3.6
3	☐	250.000	250.699	1560241.55	0.0753	P	0.9
4	☐	625.000	631.747	3846918.23	0.1898	P	1.0
5	☐	1250.000	1253.698	7806778.73	0.3766	A	1.4
6	☐	2500.000	2501.564	15727544.62	0.7514	A	0.4
7	☐	5000.000	4997.416	31099200.69	1.5010	A	2.3
8	☐			50344.56	0.0026	P	2.0

$$y = 3.0036\text{E-}004 * x + 2.4500\text{E-}006$$

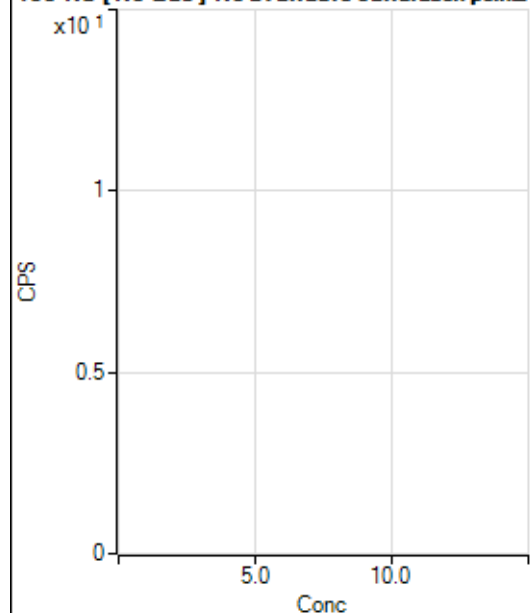
$$R = 1.0000$$

$$DL = 0.01872$$

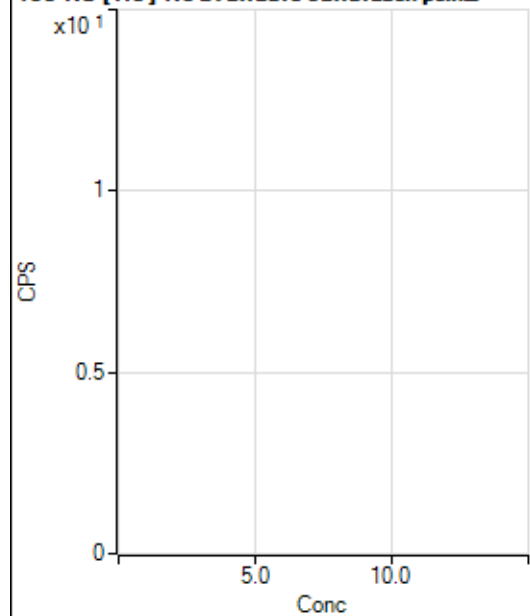
$$BEC = 0.008157$$

Weight: <None>

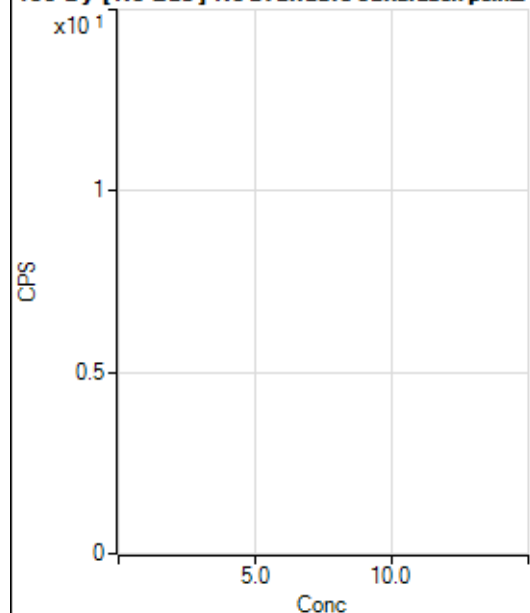
Min Conc: 0

150 Nd [No Gas] No available calibration points

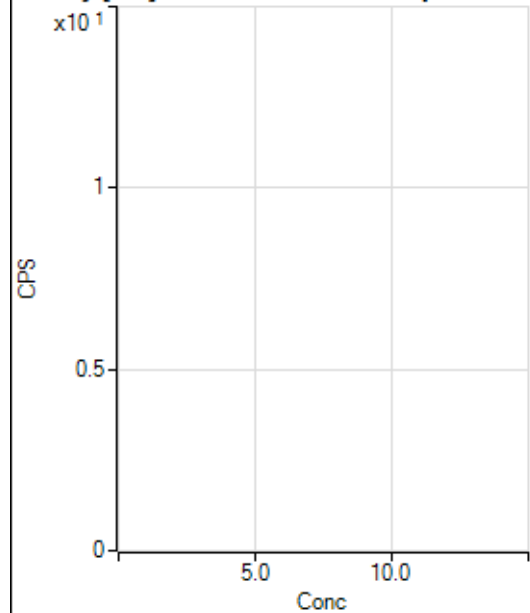
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.
2	☐			26.67		P	66.1
3	☐			95.56		P	16.1
4	☐			195.56		P	7.1
5	☐			391.13		P	13.2
6	☐			911.17		P	4.8
7	☐			1637.90		P	3.7
8	☐			62.22		P	27.0

150 Nd [He] No available calibration points

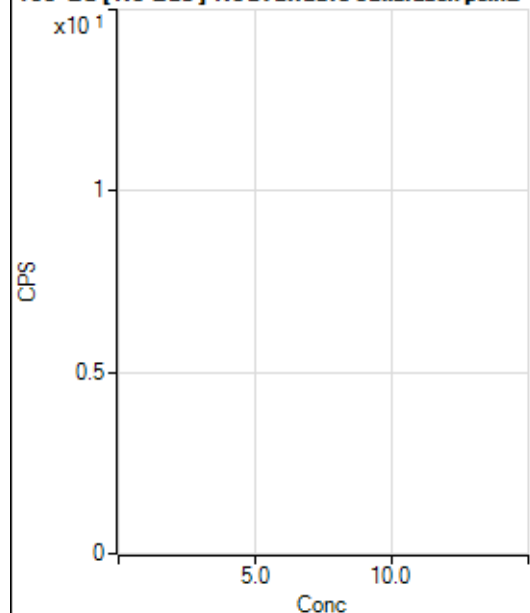
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			2.22		P	86.6
3	☐			8.89		P	78.1
4	☐			30.00		P	40.1
5	☐			42.22		P	51.4
6	☐			94.45		P	21.6
7	☐			143.34		P	10.1
8	☐			14.44		P	35.3

156 Dy [No Gas] No available calibration points

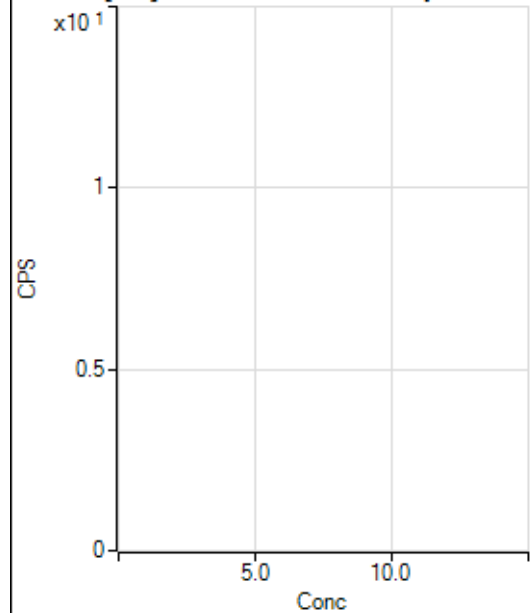
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.33		P	25.0
2	☐			33.33		P	25.0
3	☐			69.45		P	45.4
4	☐			133.34		P	6.3
5	☐			169.45		P	32.7
6	☐			272.24		P	15.7
7	☐			527.80		P	0.9
8	☐			1002.85		P	1.7

156 Dy [He] No available calibration points

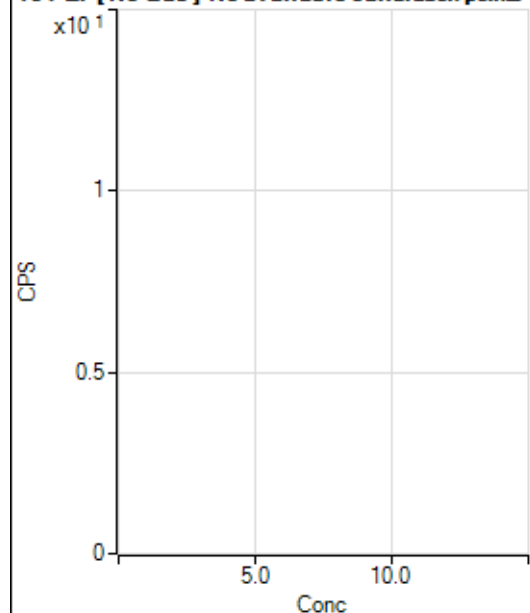
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐			16.67		P	34.6
3	☐			50.00		P	46.2
4	☐			114.45		P	13.5
5	☐			201.12		P	3.4
6	☐			354.45		P	15.0
7	☐			725.58		P	5.5
8	☐			536.69		P	6.5

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

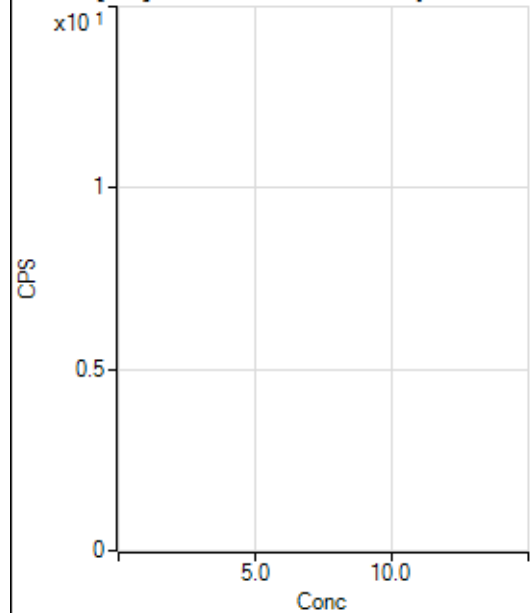
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			141.67		P	5.9
2	☐			183.34		P	49.2
3	☐			222.23		P	19.2
4	☐			200.00		P	7.2
5	☐			247.23		P	14.0
6	☐			361.13		P	10.7
7	☐			427.80		P	14.1
8	☐			1213.98		P	5.2

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			546.68		P	2.2
2	☐			617.80		P	10.6
3	☐			570.02		P	9.1
4	☐			555.58		P	5.1
5	☐			628.91		P	11.4
6	☐			657.80		P	4.7
7	☐			660.02		P	10.4
8	☐			1168.96		P	2.0

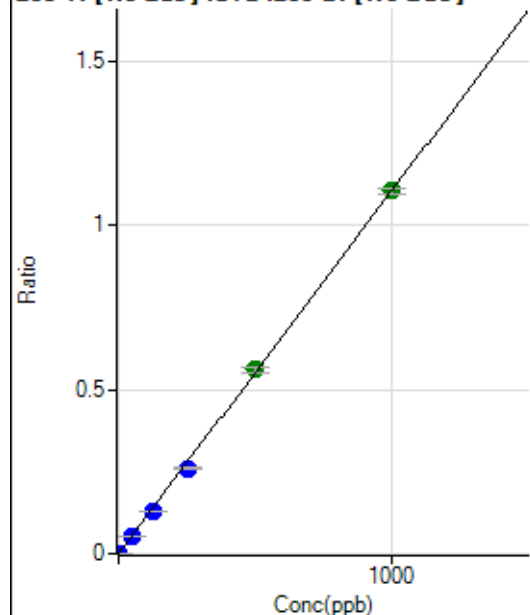
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			77.78		P	37.6
2	☐			100.00		P	8.3
3	☐			108.33		P	26.6
4	☐			102.78		P	30.7
5	☐			105.56		P	32.9
6	☐			147.23		P	11.8
7	☐			138.89		P	15.1
8	☐			205.56		P	14.2

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			45.55		P	8.5
2	☐			50.00		P	26.7
3	☐			53.33		P	41.0
4	☐			57.78		P	21.8
5	☐			53.33		P	16.5
6	☐			62.22		P	27.0
7	☐			63.33		P	19.0
8	☐			110.00		P	18.2

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	225.01	0.0000	P	22.9
2	☐	1.000	0.846	12356.04	0.0010	P	2.4
3	☐	50.000	45.773	673410.97	0.0505	P	1.0
4	☐	125.000	115.940	1687419.68	0.1279	P	0.6
5	☐	250.000	234.692	3390591.96	0.2589	P	1.3
6	☐	500.000	508.522	7270718.65	0.5610	A	3.0
7	☐	1000.000	1000.910	13858141.63	1.1042	A	1.3
8	☐			1358.44	0.0001	P	6.4

$$y = 0.0011 * x + 1.7048E-005$$

$$R = 0.9998$$

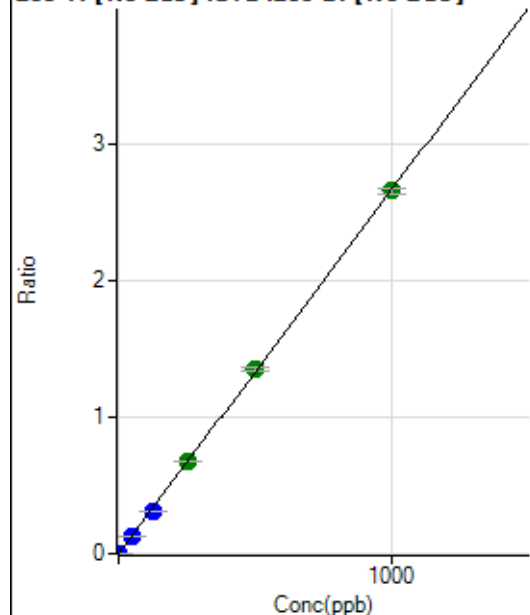
$$DL = 0.0106$$

$$BEC = 0.01545$$

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	400.02	0.0000	P	14.3
2	☐	1.000	0.855	29928.58	0.0023	P	1.9
3	☐	50.000	45.681	1618996.50	0.1214	P	0.4
4	☐	125.000	115.747	4058228.17	0.3077	P	1.2
5	☐	250.000	253.631	8827403.41	0.6741	A	0.9
6	☐	500.000	505.529	17416289.45	1.3436	A	2.0
7	☐	1000.000	997.700	33280521.93	2.6517	A	1.3
8	☐			3331.05	0.0003	P	8.5

$$y = 0.0027 * x + 3.0320E-005$$

$$R = 0.9999$$

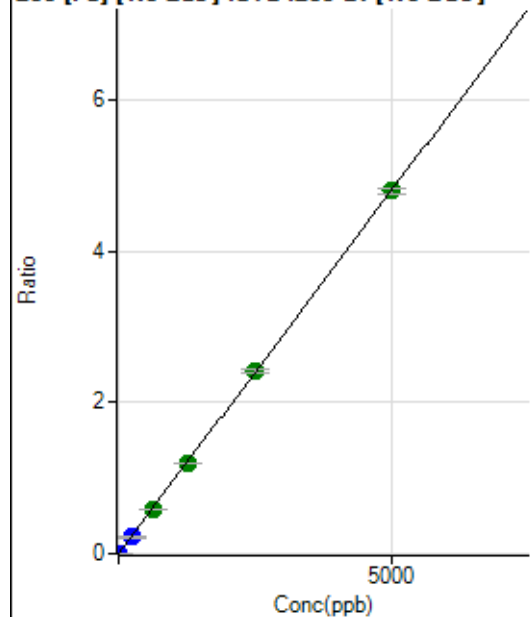
$$DL = 0.004903$$

$$BEC = 0.01141$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	581.51	0.0000	P	13.8
2	☐	1.000	0.792	10465.39	0.0008	P	0.6
3	☐	250.000	225.076	2882503.36	0.2162	P	0.4
4	☐	625.000	616.058	7805511.29	0.5917	A	0.7
5	☐	1250.000	1250.157	15723889.01	1.2007	A	0.4
6	☐	2500.000	2513.179	31287439.59	2.4138	A	2.9
7	☐	5000.000	4995.735	60217030.97	4.7981	A	1.5
8	☐			16375.10	0.0015	P	0.7

$$y = 9.6043\text{E-}004 * x + 4.4111\text{E-}005$$

$$R = 1.0000$$

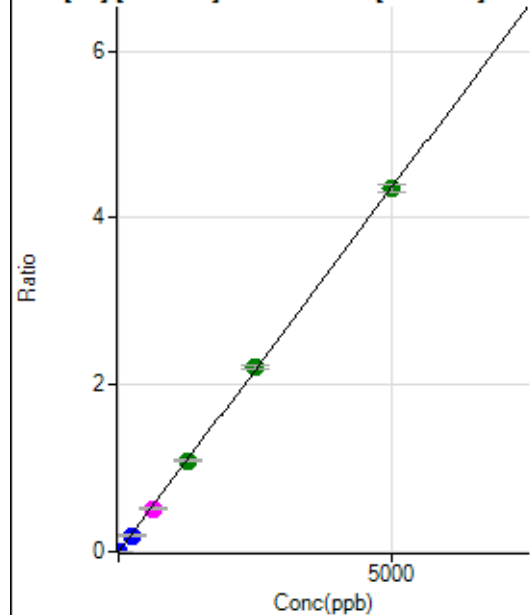
$$DL = 0.01896$$

$$BEC = 0.04593$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	524.10	0.0000	P	2.8
2	☐	1.000	0.791	9484.99	0.0007	P	2.8
3	☐	250.000	223.573	2599516.32	0.1950	P	1.2
4	☐	625.000	591.810	6806701.25	0.5161	M	6.8
5	☐	1250.000	1253.975	14318699.40	1.0934	A	0.9
6	☐	2500.000	2537.020	28675382.35	2.2122	A	1.7
7	☐	5000.000	4985.966	54558582.70	4.3476	A	2.2
8	☐			13924.18	0.0013	P	0.7

$$y = 8.7195\text{E-}004 * x + 3.9733\text{E-}005$$

$$R = 0.9999$$

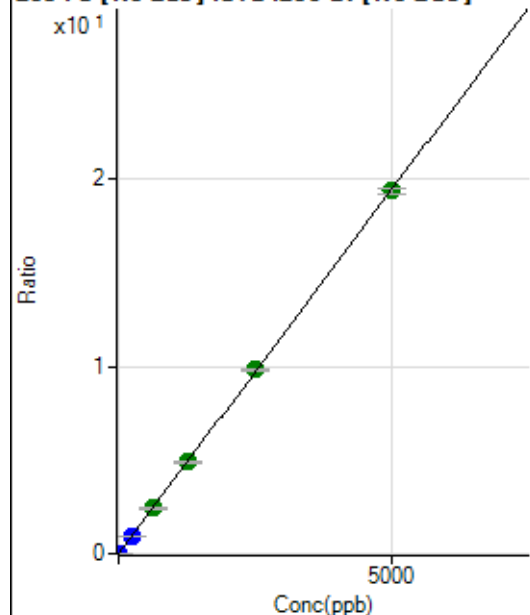
$$DL = 0.003875$$

$$BEC = 0.04557$$

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	2342.73	0.0002	P	5.5
2	☐	1.000	0.805	42990.86	0.0033	P	1.1
3	☐	250.000	226.825	11763653.39	0.8824	P	0.3
4	☐	625.000	621.115	31868425.89	2.4159	A	1.9
5	☐	1250.000	1259.679	64160642.41	4.8995	A	0.8
6	☐	2500.000	2527.269	127418806.78	9.8296	A	1.6
7	☐	5000.000	4985.590	243358222.10	19.3908	A	1.5
8	☐			64777.37	0.0059	P	0.2

$$y = 0.0039 * x + 1.7760E-004$$

$$R = 1.0000$$

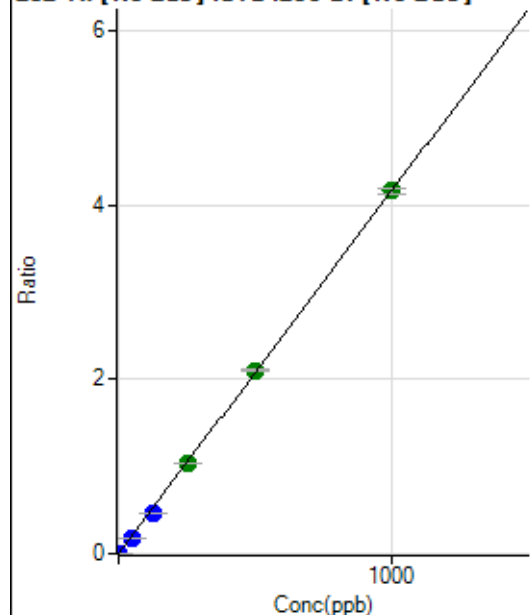
$$DL = 0.007578$$

$$BEC = 0.04566$$

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	1855.72	0.0001	P	2.5
2	☐	1.000	-0.004	1607.54	0.0001	P	2.3
3	☐	50.000	42.794	2373825.89	0.1781	P	1.1
4	☐	125.000	110.129	6041769.47	0.4580	P	0.9
5	☐	250.000	246.727	13434951.46	1.0259	A	0.0
6	☐	500.000	505.515	27246770.75	2.1019	A	1.1
7	☐	1000.000	1000.281	52195253.95	4.1590	A	1.6
8	☐			5417.90	0.0005	P	10.1

$$y = 0.0042 * x + 1.4066E-004$$

$$R = 0.9999$$

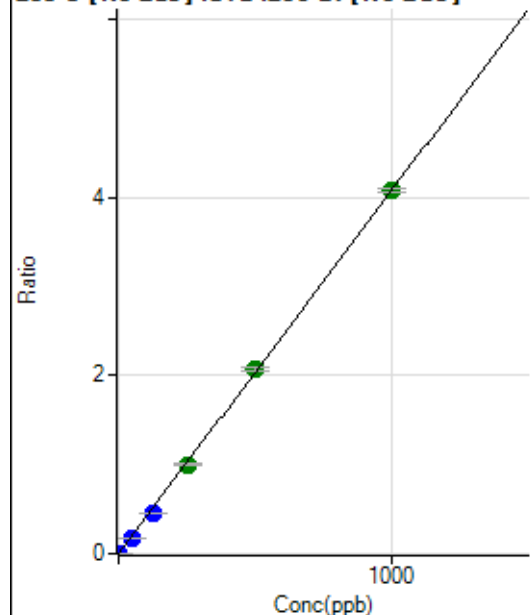
$$DL = 0.002505$$

$$BEC = 0.03383$$

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	69.45	0.0000	P	19.2
2	☐	1.000	0.794	42174.48	0.0032	P	1.8
3	☐	50.000	42.947	2334637.66	0.1751	P	0.7
4	☐	125.000	109.865	5908909.81	0.4480	P	1.3
5	☐	250.000	245.879	13128452.29	1.0025	A	0.4
6	☐	500.000	507.533	26824516.23	2.0694	A	1.5
7	☐	1000.000	999.508	51149262.95	4.0754	A	1.2
8	☐			5078.91	0.0005	P	5.9

$$y = 0.0041 * x + 5.2704E-006$$

$$R = 0.9998$$

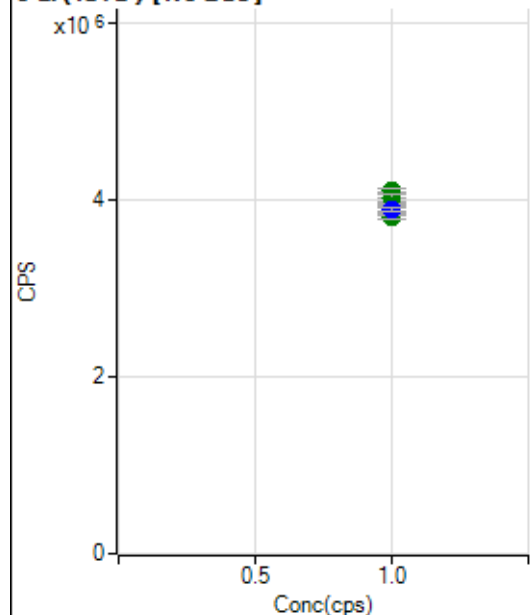
$$DL = 0.0007463$$

$$BEC = 0.001293$$

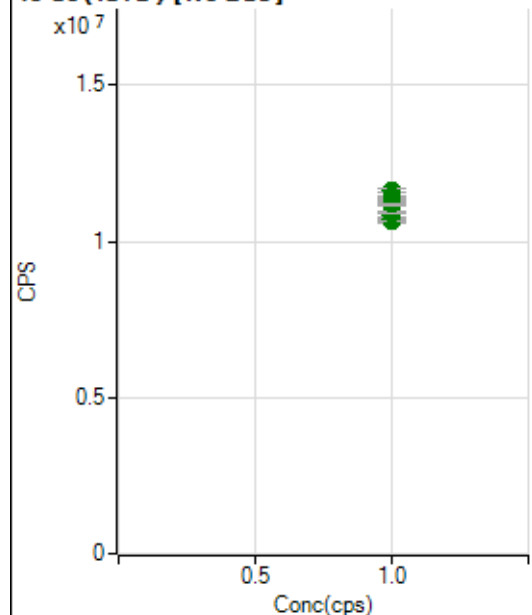
Weight: <None>

Min Conc: 0

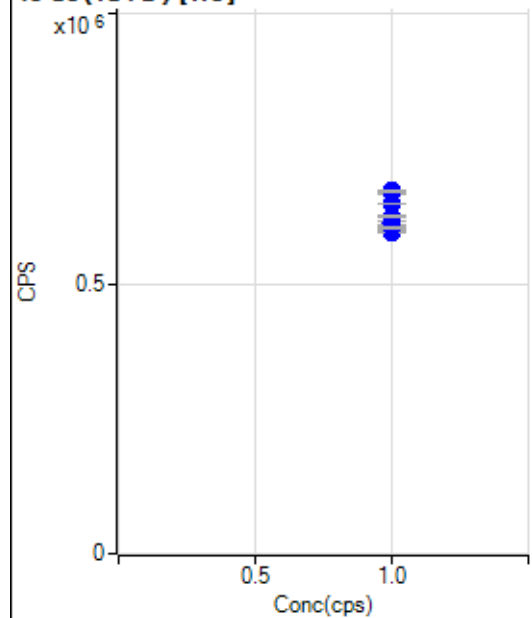
6 Li (ISTD) [No Gas]



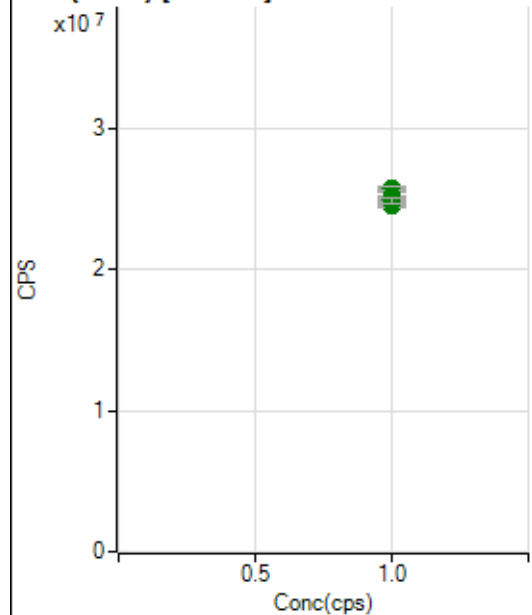
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4060869.10		A	1.8
2	☐	1.000		4100989.38		A	1.6
3	☐	1.000		4027298.93		A	2.1
4	☐	1.000		3932671.85		A	0.2
5	☐	1.000		3838229.98		A	1.0
6	☐	1.000		3810256.06		A	1.4
7	☐	1.000		3882618.10		M	3.4
8	☐	1.000		3892909.07		P	0.7

45 Sc (ISTD) [No Gas]

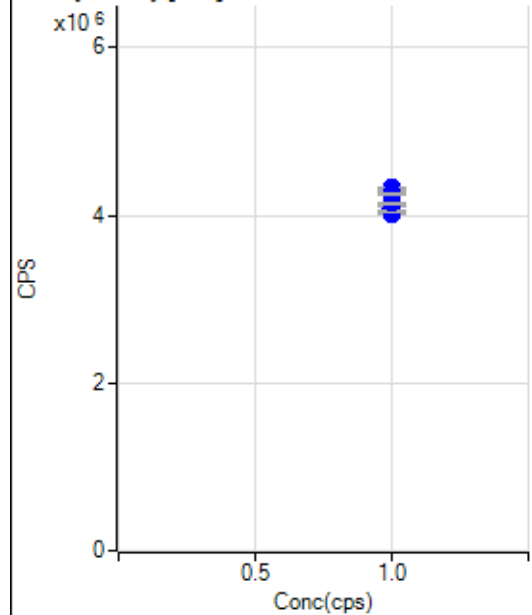
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11620693.71		A	1.0
2	☐	1.000		11434718.44		A	0.6
3	☐	1.000		11309709.00		A	0.9
4	☐	1.000		10841318.87		A	0.6
5	☐	1.000		10673973.04		A	0.9
6	☐	1.000		10720153.80		A	1.6
7	☐	1.000		10917088.03		A	0.7
8	☐	1.000		11185811.08		A	0.5

45 Sc (ISTD) [He]

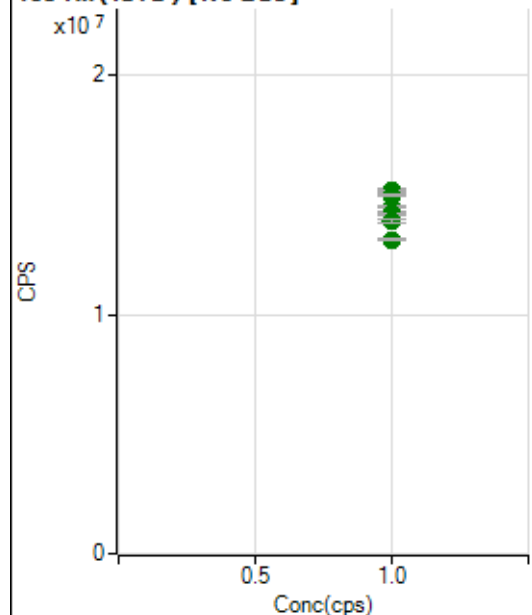
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		668890.59		P	0.5
2	☐	1.000		670542.60		P	1.1
3	☐	1.000		648241.32		P	0.3
4	☐	1.000		612792.42		P	1.4
5	☐	1.000		596233.26		P	1.1
6	☐	1.000		604362.82		P	0.3
7	☐	1.000		624832.31		P	0.7
8	☐	1.000		671869.69		P	0.3

89 Y (ISTD) [No Gas]

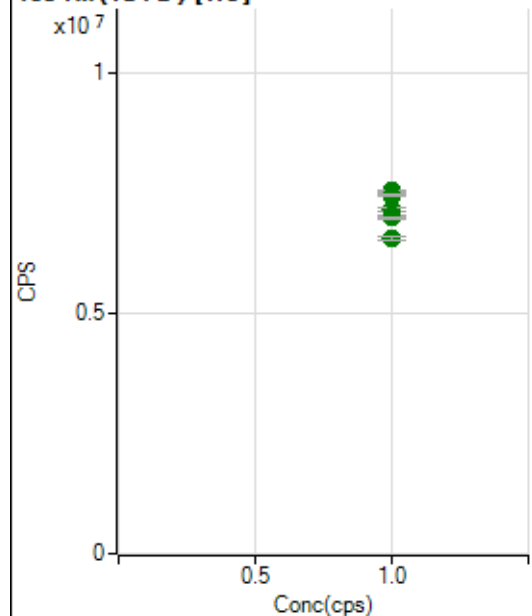
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		25668188.79		A	1.1
2	☐	1.000		25716855.17		A	1.2
3	☐	1.000		25207695.18		A	0.6
4	☐	1.000		24644450.19		A	1.3
5	☐	1.000		24467666.02		A	0.5
6	☐	1.000		24781229.91		A	0.5
7	☐	1.000		25058407.12		A	0.7
8	☐	1.000		24893501.58		A	1.8

89 Y (ISTD) [He]

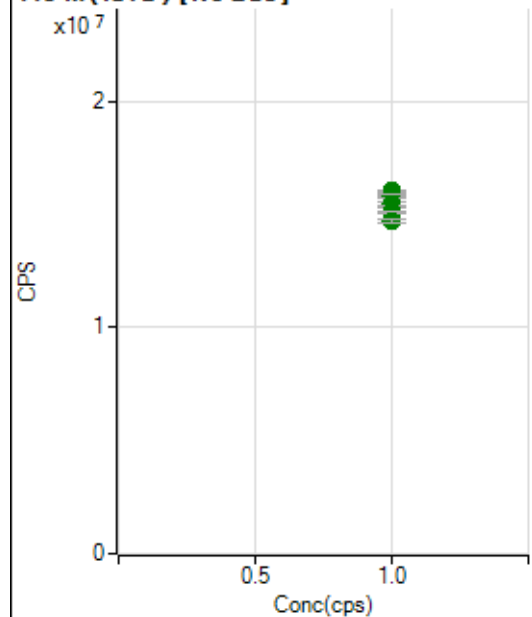
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4280565.63		P	0.6
2	☐	1.000		4325277.99		P	0.3
3	☐	1.000		4243450.67		P	0.4
4	☐	1.000		4075358.90		P	1.6
5	☐	1.000		4022679.56		P	0.9
6	☐	1.000		4044698.80		P	0.6
7	☐	1.000		4142584.52		P	0.4
8	☐	1.000		4256599.17		P	0.6

103 Rh (ISTD) [No Gas]

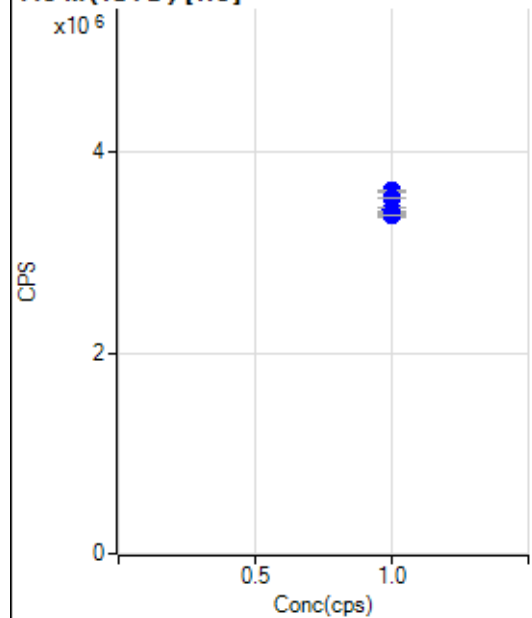
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		15178910.33		A	1.4
2	☐	1.000		15177489.08		A	0.4
3	☐	1.000		14984266.17		A	0.7
4	☐	1.000		14507410.61		A	0.4
5	☐	1.000		14275120.48		A	0.7
6	☐	1.000		14181149.51		A	0.8
7	☐	1.000		13948491.18		A	1.1
8	☐	1.000		13133771.61		A	0.7

103 Rh (ISTD) [He]

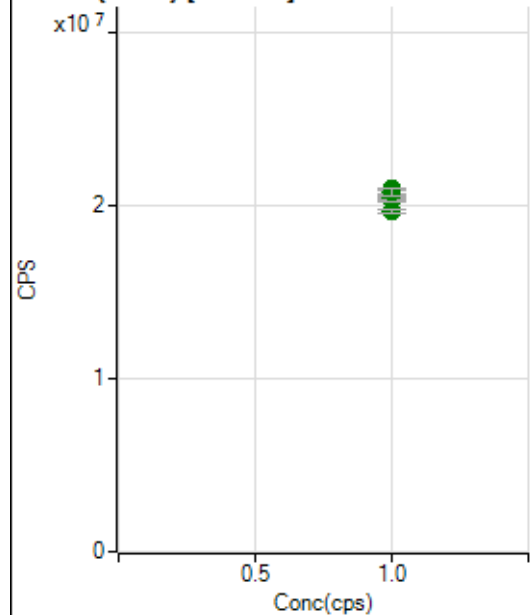
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7479983.71		A	0.8
2	☐	1.000		7539013.64		A	0.1
3	☐	1.000		7443003.57		A	0.5
4	☐	1.000		7159844.55		A	1.1
5	☐	1.000		7023252.46		A	0.1
6	☐	1.000		7002264.41		A	0.5
7	☐	1.000		6975835.17		A	0.5
8	☐	1.000		6552119.07		A	0.7

115 In (ISTD) [No Gas]

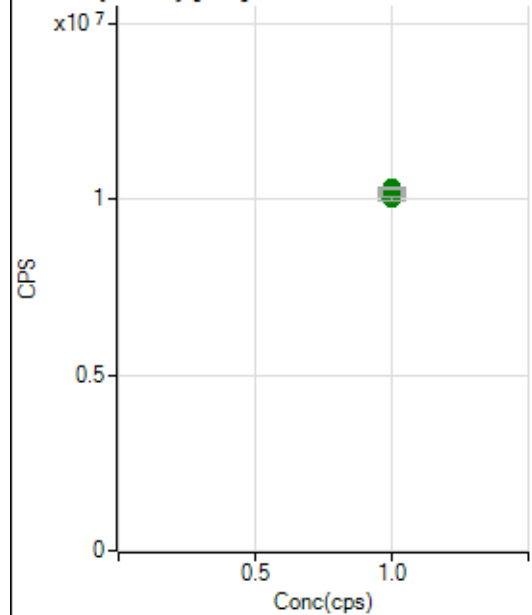
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16024387.02		A	0.7
2	☐	1.000		15861477.12		A	0.3
3	☐	1.000		15801599.84		A	1.0
4	☐	1.000		15447466.21		A	1.6
5	☐	1.000		15350149.11		A	0.4
6	☐	1.000		15343036.27		A	0.4
7	☐	1.000		15092334.72		A	0.4
8	☐	1.000		14696838.61		A	0.9

115 In (ISTD) [He]

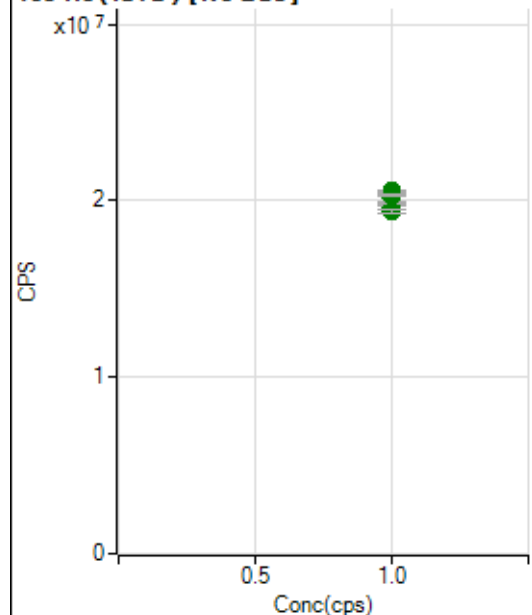
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3598461.94		P	0.4
2	☐	1.000		3612403.97		P	0.6
3	☐	1.000		3546432.72		P	0.2
4	☐	1.000		3427670.11		P	1.2
5	☐	1.000		3382441.89		P	0.6
6	☐	1.000		3373534.29		P	0.5
7	☐	1.000		3361198.88		P	0.1
8	☐	1.000		3370035.39		P	0.4

159 Tb (ISTD) [No Gas]

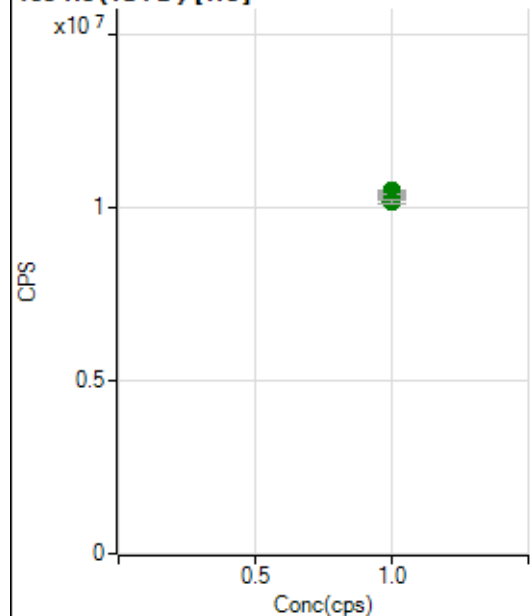
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		20410479.97		A	0.3
2	☐	1.000		20392885.81		A	0.9
3	☐	1.000		20721658.72		A	1.7
4	☐	1.000		20272988.45		A	0.4
5	☐	1.000		20734614.27		A	1.4
6	☐	1.000		20931785.66		A	0.8
7	☐	1.000		20726427.61		A	2.4
8	☐	1.000		19678101.65		A	1.3

159 Tb (ISTD) [He]

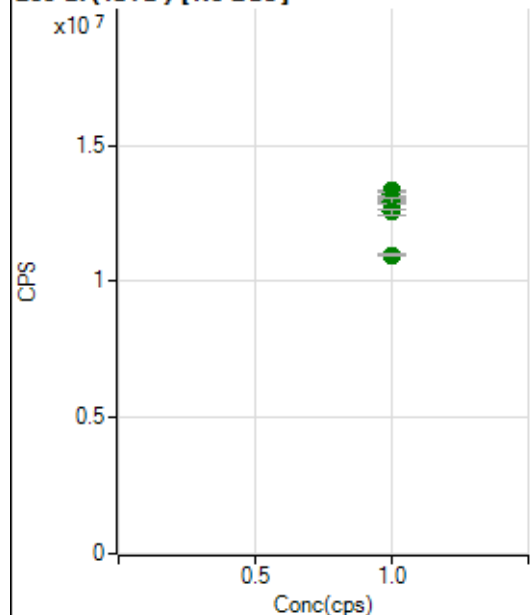
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10183805.96		A	0.3
2	☐	1.000		10280203.32		A	0.7
3	☐	1.000		10334892.00		A	0.1
4	☐	1.000		10189643.32		A	1.3
5	☐	1.000		10226680.06		A	0.5
6	☐	1.000		10319876.58		A	0.7
7	☐	1.000		10318082.90		A	0.8
8	☐	1.000		10030729.64		A	0.8

165 Ho (ISTD) [No Gas]

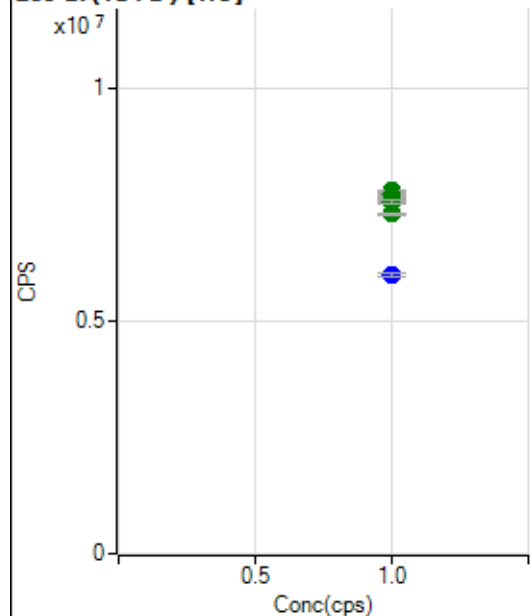
	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		19661622.62		A	1.5
2	☐	1.000		19750430.54		A	0.4
3	☐	1.000		20123970.12		A	1.3
4	☐	1.000		19911735.54		A	0.4
5	☐	1.000		20293420.95		A	0.4
6	☐	1.000		20562577.89		A	0.6
7	☐	1.000		20349142.34		A	0.5
8	☐	1.000		19370047.49		A	1.2

165 Ho (ISTD) [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10363504.36		A	0.3
2	☐	1.000		10285295.40		A	1.2
3	☐	1.000		10465896.79		A	0.7
4	☐	1.000		10368174.78		A	1.2
5	☐	1.000		10301829.29		A	0.7
6	☐	1.000		10374383.18		A	0.1
7	☐	1.000		10373459.92		A	0.3
8	☐	1.000		10139628.60		A	1.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		13192275.78		A	0.9
2	☐	1.000		12999438.83		A	0.5
3	☐	1.000		13331688.41		A	0.4
4	☐	1.000		13191824.80		A	1.1
5	☐	1.000		13095125.22		A	0.6
6	☐	1.000		12964495.36		A	1.8
7	☐	1.000		12551834.81		A	1.4
8	☐	1.000		10970053.72		A	0.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7755617.80		A	0.4
2	☐	1.000		7746676.90		A	1.4
3	☐	1.000		7798805.02		A	0.1
4	☐	1.000		7685587.45		A	0.6
5	☐	1.000		7609635.72		A	0.7
6	☐	1.000		7546369.75		A	1.1
7	☐	1.000		7312476.84		A	0.5
8	☐	1.000		5992071.09		P	0.8

US EPA Tune Check Sample Report

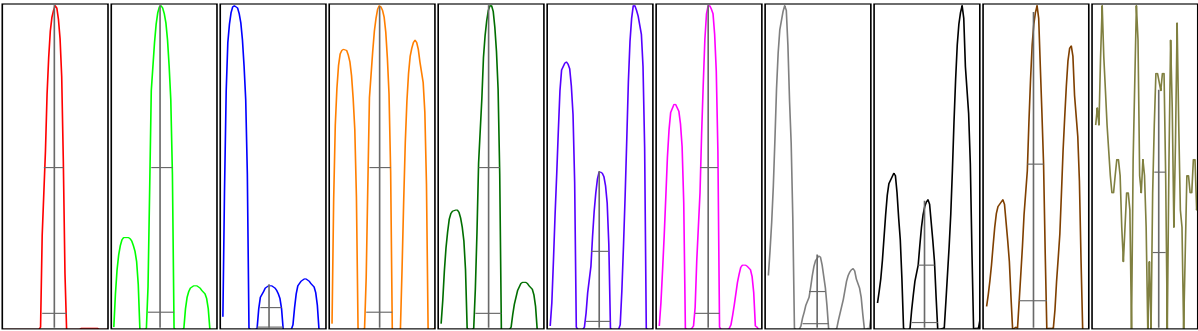
Batch Folder C:\Agilent\ICPMH\1\DATA\P7100720M.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	12144	0.72	5.00	
24	244515	0.50	5.00	
25	32976	0.42	5.00	
26	38193	0.27	5.00	
59	102108	0.35	5.00	
113	17117	0.80	5.00	
115	50778	3.13	5.00	
206	21093	0.35	5.00	
207	17917	0.62	5.00	
208	43317	0.79	5.00	
220	1	25.49		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	12029	12073	12185	12232	12201
24	243546	243811	244372	246642	244203
25	32852	32845	33112	33128	32944
26	38081	38133	38196	38358	38196
59	102377	101517	102229	102389	102030
113	17224	17214	17016	17203	16927
115	53270	51354	50157	49835	49274
206	21086	21182	21012	21034	21153
207	17895	17742	17978	17933	18035
208	43401	42773	43371	43727	43311
220	1	0	1	1	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	22724	9.00	8.9 - 9.1		0.728	0.900	
24	405018	23.90	23.9 - 24.1		0.776	0.900	
25	54504	24.90	24.9 - 25.1		0.741	0.900	
26	62678	25.95	25.9 - 26.1		0.780	0.900	
59	177593	58.95	58.9 - 59.1		0.775	0.900	
113	33079	113.00	112.9 - 113.1		0.727	0.900	
115	97994	115.00	114.9 - 115.1		0.712	0.900	
206	42790	206.00	205.9 - 206.1		0.778	0.900	
207	34738	206.95	206.9 - 207.1		0.774	0.900	
208	86698	207.95	207.9 - 208.1		0.780	0.900	
220	1	220.40	-		0.397		

X% = 5 Integration Time [sec] = 0.1 Acquisition Time [sec] = 256.8 Y Axis = Linear

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.70	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		0.40 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.4	V	Deflect	13.4	V
Extract 2	-195.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-90	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	190	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	27818	0.17	
89	21676	0.56	
205	53340	0.50	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	27785	27863	27874	27786	27781
89	21687	21687	21841	21665	21500
205	53465	53211	53202	53746	53077

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.70	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		0.40 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.4	V	Deflect	1.8	V
Extract 2	-190.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-90	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	3.9	mL/min	OctP RF	200	V			

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 13:19:09	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.31	-0.38	0.06	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	-0.01	0.02	0.00	N/A	ppb
Barium	135-1	0.01	0.00	-0.01	0.00	N/A	ppb
Barium	137-1	-0.01	0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	-0.01	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.14	-0.10	-0.04	0.00	N/A	ppb
Boron	11-1	0.01	0.01	-0.02	0.00	N/A	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.00	0.02	-0.03	0.00	N/A	ppb
Cadmium	106-1	0.09	0.31	-0.40	0.00	N/A	ppb
Cadmium	108-1	0.05	-0.03	-0.03	0.00	N/A	ppb
Calcium	43-1	-0.70	0.68	0.02	0.00	N/A	ppb
Calcium	44-1	-0.55	0.32	0.23	0.00	N/A	ppb
Chromium	52-2	-0.02	0.01	0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.00	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	-0.13	0.21	-0.08	0.00	N/A	ppb
Iron	56-2	-0.04	-0.03	0.07	0.00	N/A	ppb
Iron	57-2	1.14	0.05	-1.18	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 13:19:09	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	0.15	-0.17	0.03	0.00	N/A	ppb
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	-0.01	-0.01	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	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	0.01	0.00	N/A	ppb
Phosphorus	31-2	4.47	-3.91	3.96	1.51	311.41	ppb
Potassium	39-2	-0.02	-0.64	0.66	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.07	0.17	-0.10	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.23	-0.28	0.52	0.00	N/A	ppb
Silicon	28-1	0.07	0.32	-0.39	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.31	0.02	-0.33	0.00	N/A	ppb
Strontium	86-1	0.02	0.00	-0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-100.04	-142.73	-251.09	-164.62		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	0.03	-0.03	0.00	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 13:19:09	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	-0.15	-0.04	0.19	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.01	-0.01	0.00	0.00	N/A	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 13:22:37	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.48	21.56	17.79	19.94	9.74	ppb
Antimony	121-1	2.00	1.98	1.95	1.98	1.36	ppb
Arsenic	75-2	1.00	0.83	0.84	0.89	11.06	ppb
Barium	135-1	9.79	9.76	9.60	9.72	1.06	ppb
Barium	137-1	9.50	9.92	9.24	9.55	3.61	ppb
Beryllium	9-1	1.01	1.05	0.99	1.02	3.16	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	23.12	22.19	22.53	22.61	2.08	ppb
Boron	11-1	24.22	24.13	24.52	24.29	0.85	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.07	1.01	1.07	1.05	3.12	ppb
Cadmium	106-1	0.40	1.02	1.12	0.85	46.47	ppb
Cadmium	108-1	0.83	1.01	1.03	0.95	11.31	ppb
Calcium	43-1	522.46	526.69	514.27	521.14	1.21	ppb
Calcium	44-1	519.26	521.64	519.81	520.24	0.24	ppb
Chromium	52-2	2.26	2.15	1.88	2.10	9.29	ppb
Cobalt	59-2	1.00	0.93	0.83	0.92	9.13	ppb
Copper	63-2	2.07	2.03	1.77	1.95	8.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	54-2	58.78	55.09	48.67	54.18	9.45	ppb
Iron	56-2	54.96	52.12	45.49	50.86	9.55	ppb
Iron	57-2	58.61	55.58	48.80	54.33	9.25	ppb
Krypton	83-1						cps
Lead	206-1	0.80	0.79	0.79	0.79	0.62	ppb
Lead	207-1	0.82	0.77	0.78	0.79	2.94	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 13:22:37	DataFile Name :	004CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.82	0.80	0.80	0.80	1.18	ppb
Lithium	6-1				101		%
Magnesium	24-2	536.63	507.79	463.54	502.65	7.32	ppb
Manganese	55-2	0.98	0.93	0.82	0.91	8.66	ppb
Molybdenum	94-1	5.05	4.91	4.98	4.98	1.41	ppb
Molybdenum	95-1	4.81	4.95	4.78	4.85	1.85	ppb
Molybdenum	96-1	4.79	4.77	4.91	4.82	1.51	ppb
Molybdenum	97-1	4.95	4.96	4.82	4.91	1.59	ppb
Molybdenum	98-1	4.83	5.00	4.90	4.91	1.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	0.88	0.92	0.95	10.60	ppb
Phosphorus	31-2	0.04	1.34	-5.91	-1.51		ppb
Potassium	39-2	540.20	516.52	483.74	513.48	5.52	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	82-1	5.20	4.86	5.11	5.06	3.52	ppb
Selenium	77-2	3.29	3.87	3.85	3.67	8.94	ppb
Selenium	78-2	4.74	3.26	4.09	4.03	18.37	ppb
Silicon	28-1	8.22	8.91	8.37	8.50	4.27	ppb
Silver	109-1	1.05	1.01	1.06	1.04	2.12	ppb
Silver	107-1	1.02	1.05	0.99	1.02	3.12	ppb
Sodium	23-2	552.37	527.64	495.18	525.06	5.46	ppb
Strontium	86-1	0.96	0.98	0.91	0.95	3.65	ppb
Strontium	88-1	0.94	0.95	0.96	0.95	1.19	ppb
Sulfur	34-1	71.57	187.45	234.84	164.62	51.02	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.85	0.83	0.87	0.85	2.45	ppb
Thallium	205-1	0.85	0.85	0.87	0.85	1.96	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	4.95	5.03	4.85	4.94	1.83	ppb
Titanium	47-1	4.69	5.15	4.82	4.89	4.84	ppb
Uranium	238-1	0.81	0.79	0.78	0.79	1.80	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 13:22:37	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.88	4.48	4.15	4.50	8.17	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	2.34	2.13	2.33	2.27	5.31	ppb
Zirconium	90-1	0.98	0.95	0.98	0.97	1.68	ppb
Zirconium	91-1	0.96	0.89	0.92	0.92	3.66	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 13:26:04	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1273.47	1202.85	1061.39	1179.24	9.16	ppb
Antimony	121-1	51.68	50.72	52.31	51.57	1.55	ppb
Arsenic	75-2	51.89	48.92	45.18	48.66	6.90	ppb
Barium	135-1	251.79	247.92	256.60	252.10	1.72	ppb
Barium	137-1	251.39	248.23	252.48	250.70	0.88	ppb
Beryllium	9-1	54.17	55.94	55.59	55.23	1.69	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	51.90	54.44	52.76	53.03	2.44	ppb
Boron	11-1	52.30	54.32	53.80	53.47	1.97	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	51.90	50.45	52.29	51.55	1.88	ppb
Cadmium	106-1	52.45	50.52	50.54	51.17	2.17	ppb
Cadmium	108-1	49.59	52.14	52.20	51.31	2.90	ppb
Calcium	43-1	5656.61	5643.80	5566.37	5622.26	0.87	ppb
Calcium	44-1	5567.07	5629.27	5536.16	5577.50	0.85	ppb
Chromium	52-2	52.02	49.09	43.46	48.19	9.02	ppb
Cobalt	59-2	52.44	49.68	44.91	49.01	7.77	ppb
Copper	63-2	517.92	492.15	444.08	484.72	7.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	54-2	3068.66	2926.04	2587.80	2860.84	8.63	ppb
Iron	56-2	2842.96	2686.76	2409.22	2646.31	8.30	ppb
Iron	57-2	2991.80	2807.98	2491.72	2763.83	9.15	ppb
Krypton	83-1						cps
Lead	206-1	225.85	224.19	225.18	225.08	0.37	ppb
Lead	207-1	226.55	221.15	223.03	223.57	1.23	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 13:26:04	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	227.56	226.17	226.74	226.83	0.31	ppb
Lithium	6-1				99		%
Magnesium	24-2	5856.40	5559.00	5035.58	5483.66	7.58	ppb
Manganese	55-2	519.94	494.75	449.89	488.20	7.27	ppb
Molybdenum	94-1	263.01	266.57	261.48	263.69	0.99	ppb
Molybdenum	95-1	261.43	266.53	259.03	262.33	1.46	ppb
Molybdenum	96-1	264.15	266.47	262.87	264.50	0.69	ppb
Molybdenum	97-1	265.61	269.44	266.58	267.21	0.75	ppb
Molybdenum	98-1	263.88	267.23	265.88	265.66	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.17	51.25	46.36	50.26	6.99	ppb
Phosphorus	31-2	1023.69	1007.41	909.46	980.19	6.30	ppb
Potassium	39-2	2928.06	2865.16	2678.44	2823.89	4.60	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	54.74	54.15	53.65	54.18	1.01	ppb
Selenium	77-2	51.18	53.21	45.99	50.13	7.42	ppb
Selenium	78-2	53.32	53.55	48.29	51.72	5.74	ppb
Silicon	28-1	44.50	44.64	45.97	45.03	1.80	ppb
Silver	109-1	54.64	53.13	54.49	54.09	1.54	ppb
Silver	107-1	53.87	53.40	53.71	53.66	0.45	ppb
Sodium	23-2	5972.13	5775.11	5359.20	5702.15	5.49	ppb
Strontium	86-1	52.06	52.44	51.86	52.12	0.56	ppb
Strontium	88-1	52.08	52.53	51.58	52.06	0.91	ppb
Sulfur	34-1	1424.73	1473.83	1469.32	1455.96	1.86	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	45.25	46.03	46.05	45.77	1.00	ppb
Thallium	205-1	45.50	45.73	45.81	45.68	0.35	ppb
Thorium	232-1	42.27	43.04	43.07	42.79	1.06	ppb
Tin	118-1	52.59	51.78	52.99	52.45	1.18	ppb
Titanium	47-1	258.81	263.77	257.36	259.98	1.29	ppb
Uranium	238-1	43.27	42.86	42.71	42.95	0.67	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 13:26:04	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	50.75	48.04	43.37	47.39	7.88	ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	507.94	478.94	431.26	472.71	8.19	ppb
Zirconium	90-1	52.93	52.62	52.20	52.58	0.70	ppb
Zirconium	91-1	51.48	52.16	51.77	51.80	0.66	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 13:29:31	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2912.00	2853.80	2665.80	2810.53	4.58	ppb
Antimony	121-1	129.26	127.66	128.66	128.53	0.63	ppb
Arsenic	75-2	131.69	130.40	119.96	127.35	5.05	ppb
Barium	135-1	640.85	626.42	626.77	631.35	1.30	ppb
Barium	137-1	637.59	632.27	625.38	631.75	0.97	ppb
Beryllium	9-1	137.56	134.89	134.14	135.53	1.33	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	129.28	127.73	127.95	128.32	0.65	ppb
Boron	11-1	130.65	129.54	129.28	129.82	0.56	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	130.86	128.99	128.29	129.38	1.02	ppb
Cadmium	106-1	131.48	129.07	131.12	130.55	1.00	ppb
Cadmium	108-1	131.66	126.47	129.14	129.09	2.01	ppb
Calcium	43-1	14243.51	13981.34	13968.85	14064.57	1.10	ppb
Calcium	44-1	13236.04	12987.91	12902.91	13042.29	1.33	ppb
Chromium	52-2	133.09	129.54	118.24	126.95	6.11	ppb
Cobalt	59-2	134.35	131.24	119.82	128.47	5.95	ppb
Copper	63-2	1320.57	1279.56	1204.60	1268.24	4.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	54-2	7888.23	7738.95	6978.54	7535.24	6.47	ppb
Iron	56-2	7322.17	7158.53	6510.05	6996.91	6.14	ppb
Iron	57-2	7620.57	7482.04	6827.73	7310.11	5.79	ppb
Krypton	83-1						cps
Lead	206-1	611.52	620.64	616.01	616.06	0.74	ppb
Lead	207-1	563.53	574.09	637.82	591.81	6.79	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 13:29:31	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	612.33	616.68	634.33	621.11	1.88	ppb
Lithium	6-1				97		%
Magnesium	24-2	14089.78	13885.06	13037.78	13670.87	4.08	ppb
Manganese	55-2	1335.22	1311.61	1201.60	1282.81	5.56	ppb
Molybdenum	94-1	667.76	651.47	649.92	656.38	1.51	ppb
Molybdenum	95-1	671.50	647.20	646.69	655.13	2.16	ppb
Molybdenum	96-1	674.12	640.46	651.03	655.20	2.63	ppb
Molybdenum	97-1	673.57	647.96	647.39	656.31	2.28	ppb
Molybdenum	98-1	649.84	632.83	628.65	637.11	1.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	135.90	132.35	122.81	130.35	5.19	ppb
Phosphorus	31-2	2702.16	2645.23	2386.13	2577.84	6.53	ppb
Potassium	39-2	7296.45	7300.33	6892.88	7163.22	3.27	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				93		%
Scandium	45-2				92		%
Selenium	82-1	137.69	133.53	132.58	134.60	2.02	ppb
Selenium	77-2	135.63	130.04	122.03	129.23	5.29	ppb
Selenium	78-2	135.07	133.58	122.68	130.44	5.19	ppb
Silicon	28-1	113.38	110.26	109.07	110.90	2.01	ppb
Silver	109-1	133.74	131.87	131.49	132.37	0.91	ppb
Silver	107-1	132.00	131.25	131.43	131.56	0.30	ppb
Sodium	23-2	14150.64	14059.55	13162.37	13790.85	3.96	ppb
Strontium	86-1	130.95	128.96	127.64	129.18	1.29	ppb
Strontium	88-1	131.57	128.68	127.93	129.39	1.49	ppb
Sulfur	34-1	3436.82	3167.63	3032.31	3212.26	6.41	ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	115.19	116.41	116.21	115.94	0.57	ppb
Thallium	205-1	114.14	116.49	116.61	115.75	1.21	ppb
Thorium	232-1	109.04	110.54	110.80	110.13	0.86	ppb
Tin	118-1	131.07	131.07	130.79	130.98	0.12	ppb
Titanium	47-1	663.64	647.32	645.53	652.16	1.53	ppb
Uranium	238-1	108.25	110.54	110.81	109.86	1.28	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 13:29:31	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	131.56	127.67	117.89	125.71	5.60	ppb
Yttrium	89-1				96		%
Yttrium	89-2				95		%
Zinc	66-2	1303.05	1256.42	1168.53	1242.67	5.50	ppb
Zirconium	90-1	133.37	129.71	129.88	130.99	1.58	ppb
Zirconium	91-1	132.49	128.72	128.89	130.03	1.64	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 13:32:53	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5936.80	5719.04	5508.48	5721.44	3.74	ppb
Antimony	121-1	249.31	248.59	254.84	250.92	1.36	ppb
Arsenic	75-2	259.07	253.98	250.77	254.61	1.64	ppb
Barium	135-1	1225.99	1216.94	1243.91	1228.95	1.12	ppb
Barium	137-1	1243.52	1243.97	1273.60	1253.70	1.37	ppb
Beryllium	9-1	268.68	269.56	269.06	269.10	0.17	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	259.30	262.54	262.11	261.32	0.67	ppb
Boron	11-1	256.81	260.22	262.62	259.88	1.12	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	248.38	243.90	251.23	247.84	1.49	ppb
Cadmium	106-1	249.52	241.68	250.68	247.29	1.98	ppb
Cadmium	108-1	245.15	243.87	254.25	247.76	2.29	ppb
Calcium	43-1	27909.51	28056.72	27923.74	27963.33	0.29	ppb
Calcium	44-1	25956.72	26107.37	25762.30	25942.13	0.67	ppb
Chromium	52-2	265.97	260.56	250.84	259.13	2.96	ppb
Cobalt	59-2	266.97	262.71	252.52	260.73	2.85	ppb
Copper	63-2	2639.05	2602.41	2535.26	2592.24	2.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	54-2	15787.48	15454.12	14778.37	15339.99	3.35	ppb
Iron	56-2	14746.51	14411.07	13943.52	14367.04	2.81	ppb
Iron	57-2	15279.99	15022.34	14453.92	14918.75	2.83	ppb
Krypton	83-1						cps
Lead	206-1	1256.16	1247.18	1247.13	1250.16	0.42	ppb
Lead	207-1	1263.60	1241.44	1256.88	1253.98	0.91	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 13:32:53	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	1271.32	1252.97	1254.74	1259.68	0.80	ppb
Lithium	6-1				95		%
Magnesium	24-2	28328.82	27775.17	26578.45	27560.81	3.25	ppb
Manganese	55-2	2644.44	2565.29	2498.90	2569.54	2.84	ppb
Molybdenum	94-1	1293.55	1272.75	1288.53	1284.94	0.84	ppb
Molybdenum	95-1	1297.40	1263.64	1267.37	1276.14	1.45	ppb
Molybdenum	96-1	1287.28	1275.60	1263.20	1275.36	0.94	ppb
Molybdenum	97-1	1318.60	1306.01	1293.09	1305.90	0.98	ppb
Molybdenum	98-1	1289.74	1262.42	1273.61	1275.26	1.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	270.49	265.22	257.36	264.35	2.50	ppb
Phosphorus	31-2	5382.94	5247.06	5000.49	5210.17	3.72	ppb
Potassium	39-2	13707.30	13455.51	13067.80	13410.20	2.40	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				92		%
Scandium	45-2				89		%
Selenium	82-1	263.57	262.33	262.70	262.87	0.24	ppb
Selenium	77-2	257.69	251.63	263.00	257.44	2.21	ppb
Selenium	78-2	260.45	259.79	250.10	256.78	2.26	ppb
Silicon	28-1	214.31	215.87	216.10	215.43	0.45	ppb
Silver	109-1	253.60	253.53	259.23	255.46	1.28	ppb
Silver	107-1	252.37	247.77	254.44	251.53	1.36	ppb
Sodium	23-2	28438.95	27742.60	26713.23	27631.59	3.14	ppb
Strontium	86-1	257.79	255.13	256.43	256.45	0.52	ppb
Strontium	88-1	256.53	252.44	251.11	253.36	1.11	ppb
Sulfur	34-1	5515.34	5494.56	5372.29	5460.73	1.42	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	236.97	231.36	235.74	234.69	1.26	ppb
Thallium	205-1	252.87	251.87	256.16	253.63	0.89	ppb
Thorium	232-1	246.72	246.81	246.65	246.73	0.03	ppb
Tin	118-1	249.64	249.83	257.27	252.25	1.73	ppb
Titanium	47-1	1291.80	1287.78	1288.20	1289.26	0.17	ppb
Uranium	238-1	245.07	247.06	245.51	245.88	0.43	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 13:32:53	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	263.44	256.09	248.88	256.14	2.84	ppb
Yttrium	89-1				95		%
Yttrium	89-2				94		%
Zinc	66-2	2564.24	2535.18	2435.18	2511.54	2.70	ppb
Zirconium	90-1	253.34	255.21	253.06	253.87	0.46	ppb
Zirconium	91-1	259.89	255.26	255.35	256.83	1.03	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 13:36:10	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11442.70	11326.80	11093.43	11287.64	1.58	ppb
Antimony	121-1	511.02	496.11	498.45	501.86	1.60	ppb
Arsenic	75-2	518.05	511.09	496.53	508.55	2.16	ppb
Barium	135-1	2511.05	2464.73	2509.25	2495.01	1.05	ppb
Barium	137-1	2502.26	2491.20	2511.24	2501.56	0.40	ppb
Beryllium	9-1	523.01	525.73	535.36	528.03	1.23	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	522.14	513.97	531.16	522.43	1.65	ppb
Boron	11-1	516.58	513.90	533.23	521.23	2.01	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	485.27	481.67	479.10	482.01	0.64	ppb
Cadmium	106-1	490.87	482.02	486.26	486.38	0.91	ppb
Cadmium	108-1	486.80	475.13	485.29	482.40	1.32	ppb
Calcium	43-1	54925.35	54456.48	56358.51	55246.78	1.79	ppb
Calcium	44-1	51419.06	51129.53	51865.00	51471.20	0.72	ppb
Chromium	52-2	520.21	517.23	510.36	515.93	0.98	ppb
Cobalt	59-2	515.62	518.06	509.52	514.40	0.86	ppb
Copper	63-2	5096.11	5077.83	5069.24	5081.06	0.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	54-2	29542.49	29414.90	28918.40	29291.93	1.13	ppb
Iron	56-2	29068.38	28729.14	28425.84	28741.12	1.12	ppb
Iron	57-2	29931.57	29557.82	29259.79	29583.06	1.14	ppb
Krypton	83-1						cps
Lead	206-1	2432.05	2536.36	2571.13	2513.18	2.88	ppb
Lead	207-1	2488.41	2565.83	2556.82	2537.02	1.67	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 13:36:10	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	2480.58	2547.94	2553.28	2527.27	1.60	ppb
Lithium	6-1				94		%
Magnesium	24-2	55360.13	54634.89	54509.18	54834.73	0.84	ppb
Manganese	55-2	5179.93	5151.49	5078.05	5136.49	1.02	ppb
Molybdenum	94-1	2572.10	2537.15	2518.36	2542.53	1.07	ppb
Molybdenum	95-1	2557.35	2515.01	2511.77	2528.05	1.01	ppb
Molybdenum	96-1	2546.41	2523.34	2521.33	2530.36	0.55	ppb
Molybdenum	97-1	2574.40	2544.96	2528.03	2549.13	0.92	ppb
Molybdenum	98-1	2559.91	2553.98	2515.59	2543.16	0.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	523.60	521.78	516.08	520.49	0.75	ppb
Phosphorus	31-2	10391.93	10278.04	10254.92	10308.30	0.71	ppb
Potassium	39-2	26892.45	26623.44	26487.50	26667.80	0.77	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				92		%
Scandium	45-2				90		%
Selenium	82-1	518.85	513.27	510.89	514.34	0.79	ppb
Selenium	77-2	530.10	522.55	502.95	518.53	2.70	ppb
Selenium	78-2	530.20	508.76	499.71	512.89	3.05	ppb
Silicon	28-1	417.38	417.64	431.96	422.33	1.98	ppb
Silver	109-1	499.94	494.37	479.94	491.42	2.10	ppb
Silver	107-1	502.07	495.41	496.03	497.84	0.74	ppb
Sodium	23-2	55396.81	54533.09	54392.69	54774.19	0.99	ppb
Strontium	86-1	513.88	508.03	505.55	509.15	0.84	ppb
Strontium	88-1	510.02	498.17	508.83	505.67	1.29	ppb
Sulfur	34-1	9966.09	9823.41	10407.34	10065.61	3.02	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	492.47	522.31	510.79	508.52	2.96	ppb
Thallium	205-1	493.94	510.87	511.78	505.53	1.99	ppb
Thorium	232-1	502.72	511.81	502.01	505.52	1.08	ppb
Tin	118-1	503.61	498.40	503.46	501.83	0.59	ppb
Titanium	47-1	2536.91	2537.46	2563.72	2546.03	0.60	ppb
Uranium	238-1	499.21	513.52	509.87	507.53	1.47	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 13:36:10	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	517.12	510.16	508.70	512.00	0.88	ppb
Yttrium	89-1				97		%
Yttrium	89-2				94		%
Zinc	66-2	4885.14	4876.09	4838.78	4866.67	0.50	ppb
Zirconium	90-1	512.35	505.61	507.40	508.46	0.69	ppb
Zirconium	91-1	511.86	507.26	510.86	509.99	0.47	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 13:39:24	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21802.33	21717.03	21506.58	21675.31	0.70	ppb
Antimony	121-1	1022.83	992.94	979.19	998.32	2.23	ppb
Arsenic	75-2	999.48	998.88	984.67	994.34	0.84	ppb
Barium	135-1	5122.89	4972.11	4925.59	5006.86	2.06	ppb
Barium	137-1	5131.15	4942.23	4918.86	4997.42	2.33	ppb
Beryllium	9-1	1026.02	958.71	954.17	979.63	4.11	ppb
Bismuth	209-1				95		%
Bismuth	209-2				94		%
Boron	10-1	1033.69	960.69	961.98	985.45	4.24	ppb
Boron	11-1	1035.80	966.80	955.86	986.15	4.40	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1038.08	1002.37	986.28	1008.91	2.63	ppb
Cadmium	106-1	1046.53	994.44	979.23	1006.73	3.51	ppb
Cadmium	108-1	1043.45	993.46	989.44	1008.78	2.98	ppb
Calcium	43-1	107082.48	106943.49	103197.06	105741.01	2.08	ppb
Calcium	44-1	100598.48	101080.16	100330.80	100669.81	0.38	ppb
Chromium	52-2	999.95	990.56	978.28	989.60	1.10	ppb
Cobalt	59-2	994.65	990.57	983.97	989.73	0.54	ppb
Copper	63-2	9966.17	9954.11	9884.41	9934.89	0.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				93		%
Iron	54-2	57185.78	56215.90	55648.46	56350.05	1.38	ppb
Iron	56-2	56156.78	55119.24	54819.39	55365.13	1.27	ppb
Iron	57-2	55718.48	56806.53	56846.69	56457.23	1.13	ppb
Krypton	83-1						cps
Lead	206-1	4908.87	5036.61	5041.72	4995.74	1.51	ppb
Lead	207-1	4863.14	5082.98	5011.78	4985.97	2.25	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 13:39:24	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	4898.82	5030.87	5027.07	4985.59	1.51	ppb
Lithium	6-1				96		%
Magnesium	24-2	105377.50	105412.51	103788.30	104859.43	0.88	ppb
Manganese	55-2	10014.28	9867.65	9850.64	9910.86	0.91	ppb
Molybdenum	94-1	4983.93	4963.97	4948.26	4965.39	0.36	ppb
Molybdenum	95-1	4943.60	5026.34	4955.24	4975.06	0.90	ppb
Molybdenum	96-1	4942.33	4981.97	4997.64	4973.98	0.57	ppb
Molybdenum	97-1	4988.13	4972.45	4909.48	4956.69	0.84	ppb
Molybdenum	98-1	5011.31	4970.24	4927.88	4969.81	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	990.92	978.09	987.45	985.49	0.67	ppb
Phosphorus	31-2	19866.43	19854.09	19633.20	19784.57	0.66	ppb
Potassium	39-2	52793.19	52047.92	51811.07	52217.39	0.98	ppb
Rhodium	103-1				92		%
Rhodium	103-2				93		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	978.83	996.19	989.59	988.21	0.89	ppb
Selenium	77-2	994.48	992.97	977.58	988.34	0.95	ppb
Selenium	78-2	985.85	996.36	991.08	991.10	0.53	ppb
Silicon	28-1	1036.05	1041.93	1070.54	1049.51	1.76	ppb
Silver	109-1	1035.21	988.73	981.46	1001.80	2.91	ppb
Silver	107-1	1040.80	989.97	968.32	999.70	3.72	ppb
Sodium	23-2	105235.12	105659.25	105446.14	105446.84	0.20	ppb
Strontium	86-1	989.52	998.34	991.68	993.18	0.46	ppb
Strontium	88-1	995.87	986.35	1004.79	995.67	0.93	ppb
Sulfur	34-1	19800.20	19636.83	19783.52	19740.18	0.46	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	988.11	1013.19	1001.42	1000.91	1.25	ppb
Thallium	205-1	984.11	999.24	1009.74	997.70	1.29	ppb
Thorium	232-1	982.72	1012.74	1005.39	1000.28	1.56	ppb
Tin	118-1	1029.73	982.48	980.76	997.66	2.79	ppb
Titanium	47-1	4939.68	4967.15	4982.99	4963.28	0.44	ppb
Uranium	238-1	993.21	1013.62	991.69	999.51	1.23	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 13:39:24	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	999.03	992.25	986.26	992.51	0.64	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	10003.16	10077.54	10117.48	10066.06	0.58	ppb
Zirconium	90-1	1000.36	997.89	983.53	993.93	0.91	ppb
Zirconium	91-1	1005.32	980.13	992.27	992.57	1.27	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 13:42:37	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101476.82	98841.99	98152.83	99490.54	1.76	ppb
Antimony	121-1	0.67	0.67	0.61	0.65	5.00	ppb
Arsenic	75-2	0.45	0.41	0.37	0.41	9.76	ppb
Barium	135-1	8.71	8.61	8.57	8.63	0.81	ppb
Barium	137-1	8.69	8.34	8.50	8.51	2.04	ppb
Beryllium	9-1	0.07	0.10	0.09	0.09	17.33	ppb
Bismuth	209-1				83		%
Bismuth	209-2				77		%
Boron	10-1	35.63	33.79	30.70	33.37	7.47	ppb
Boron	11-1	36.38	35.27	33.38	35.01	4.33	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.59	0.52	0.56	0.56	5.74	ppb
Cadmium	106-1	3.06	2.55	2.53	2.72	11.12	ppb
Cadmium	108-1	0.47	0.74	0.60	0.60	22.15	ppb
Calcium	43-1	500442.81	496365.84	497592.13	498133.60	0.42	ppb
Calcium	44-1	496528.32	505373.84	497055.22	499652.46	0.99	ppb
Chromium	52-2	2.11	2.12	2.04	2.09	2.09	ppb
Cobalt	59-2	2.04	2.00	2.00	2.01	1.16	ppb
Copper	63-2	1.60	1.60	1.61	1.60	0.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				92		%
Indium	115-2				94		%
Iron	54-2	252239.87	249697.96	242431.34	248123.06	2.05	ppb
Iron	56-2	249826.70	249568.30	245923.12	248439.37	0.88	ppb
Iron	57-2	251248.01	250303.42	242749.08	248100.17	1.88	ppb
Krypton	83-1						cps
Lead	206-1	1.50	1.52	1.51	1.51	0.69	ppb
Lead	207-1	1.42	1.41	1.40	1.41	0.68	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 13:42:37	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	1.47	1.47	1.47	1.47	0.16	ppb
Lithium	6-1				96		%
Magnesium	24-2	505711.20	501573.05	487863.22	498382.49	1.87	ppb
Manganese	55-2	7.72	7.61	7.62	7.65	0.82	ppb
Molybdenum	94-1	1.24	1.31	1.35	1.30	4.42	ppb
Molybdenum	95-1	1.19	1.14	1.26	1.20	5.05	ppb
Molybdenum	96-1	2.96	2.88	2.92	2.92	1.38	ppb
Molybdenum	97-1	1.04	1.18	1.17	1.13	6.89	ppb
Molybdenum	98-1	1.09	1.09	1.11	1.10	1.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.32	2.26	2.25	2.28	1.56	ppb
Phosphorus	31-2	8.26	12.05	9.64	9.98	19.19	ppb
Potassium	39-2	250964.29	250887.12	246102.99	249318.14	1.12	ppb
Rhodium	103-1				87		%
Rhodium	103-2				88		%
Scandium	45-1				96		%
Scandium	45-2				100		%
Selenium	82-1	0.58	1.15	0.76	0.83	35.00	ppb
Selenium	77-2	0.39	0.19	0.00	0.20	100.38	ppb
Selenium	78-2	0.40	-0.48	0.30	0.07	660.44	ppb
Silicon	28-1	16.68	16.52	15.98	16.39	2.24	ppb
Silver	109-1	0.45	0.45	0.46	0.46	1.68	ppb
Silver	107-1	0.47	0.44	0.47	0.46	3.40	ppb
Sodium	23-2	502146.95	504138.61	488501.38	498262.32	1.71	ppb
Strontium	86-1	5.35	5.27	5.20	5.27	1.42	ppb
Strontium	88-1	5.32	5.16	5.35	5.28	1.94	ppb
Sulfur	34-1	-768.32	-698.60	-651.73	-706.22		ppb
Terbium	159-1				96		%
Terbium	159-2				98		%
Thallium	203-1	0.09	0.10	0.09	0.10	7.39	ppb
Thallium	205-1	0.11	0.10	0.09	0.10	9.41	ppb
Thorium	232-1	0.10	0.09	0.07	0.08	14.07	ppb
Tin	118-1	0.30	0.29	0.27	0.29	5.52	ppb
Titanium	47-1	0.40	0.51	0.65	0.52	24.05	ppb
Uranium	238-1	0.12	0.11	0.11	0.11	5.93	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 13:42:37	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.14	0.15	0.15	0.15	5.30	ppb
Yttrium	89-1				97		%
Yttrium	89-2				99		%
Zinc	66-2	21.22	20.68	19.84	20.58	3.38	ppb
Zirconium	90-1	0.25	0.25	0.24	0.24	2.70	ppb
Zirconium	91-1	0.27	0.20	0.24	0.24	14.03	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 14:04:10	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	554.11	509.92	465.04	509.69	8.74	ppb
Antimony	121-1	196.05	192.87	190.11	193.01	1.54	ppb
Arsenic	75-2	202.59	191.29	176.61	190.17	6.85	ppb
Barium	135-1	98.74	97.13	96.61	97.49	1.14	ppb
Barium	137-1	97.04	98.07	95.93	97.01	1.11	ppb
Beryllium	9-1	102.37	102.04	100.63	101.68	0.91	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	509.54	510.11	501.63	507.09	0.93	ppb
Boron	11-1	530.58	524.92	523.02	526.17	0.75	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	104.75	106.17	103.93	104.95	1.08	ppb
Cadmium	106-1	192.87	196.62	187.65	192.38	2.34	ppb
Cadmium	108-1	168.71	169.28	165.44	167.81	1.23	ppb
Calcium	43-1	2388.90	2413.12	2329.04	2377.02	1.82	ppb
Calcium	44-1	2164.43	2199.33	2179.50	2181.09	0.80	ppb
Chromium	52-2	101.02	94.42	84.67	93.37	8.81	ppb
Cobalt	59-2	101.41	95.23	86.72	94.45	7.81	ppb
Copper	63-2	102.95	96.27	88.24	95.82	7.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	54-2	2366.35	2223.83	1974.63	2188.27	9.06	ppb
Iron	56-2	2145.17	2007.82	1832.70	1995.23	7.85	ppb
Iron	57-2	2238.48	2108.50	1875.56	2074.18	8.87	ppb
Krypton	83-1						cps
Lead	206-1	213.44	204.81	203.03	207.09	2.69	ppb
Lead	207-1	198.41	190.04	190.36	192.94	2.46	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 14:04:10	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	204.86	199.94	199.38	201.39	1.50	ppb
Lithium	6-1				99		%
Magnesium	24-2	1296.65	1227.53	1125.29	1216.49	7.09	ppb
Manganese	55-2	103.92	98.75	88.91	97.19	7.84	ppb
Molybdenum	94-1	2546.55	2597.71	2574.17	2572.81	1.00	ppb
Molybdenum	95-1	2584.07	2595.01	2616.23	2598.44	0.63	ppb
Molybdenum	96-1	2633.35	2621.59	2574.54	2609.83	1.19	ppb
Molybdenum	97-1	2633.37	2612.70	2564.60	2603.56	1.36	ppb
Molybdenum	98-1	2609.85	2597.31	2589.77	2598.98	0.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.05	98.22	89.47	97.58	8.00	ppb
Phosphorus	31-2	4.98	3.75	-1.70	2.35	151.53	ppb
Potassium	39-2	2153.96	2101.39	1990.57	2081.98	4.01	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	205.99	205.65	202.34	204.66	0.99	ppb
Selenium	77-2	202.72	198.74	181.84	194.44	5.70	ppb
Selenium	78-2	208.86	198.79	182.64	196.76	6.72	ppb
Silicon	28-1	392.87	403.95	398.79	398.53	1.39	ppb
Silver	109-1	50.99	50.20	48.82	50.00	2.20	ppb
Silver	107-1	50.31	50.42	49.67	50.13	0.80	ppb
Sodium	23-2	2257.97	2187.51	2038.73	2161.41	5.18	ppb
Strontium	86-1	501.03	494.94	496.87	497.61	0.63	ppb
Strontium	88-1	495.99	498.10	503.30	499.13	0.75	ppb
Sulfur	34-1	-274.32	-319.72	-517.06	-370.36		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	194.37	187.95	189.75	190.69	1.74	ppb
Thallium	205-1	211.94	208.39	206.15	208.83	1.40	ppb
Thorium	232-1	6.89	6.86	6.74	6.83	1.18	ppb
Tin	118-1	517.27	504.03	502.84	508.05	1.58	ppb
Titanium	47-1	2621.72	2644.83	2641.18	2635.91	0.47	ppb
Uranium	238-1	531.62	519.76	512.42	521.27	1.86	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 14:04:10	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	110.57	104.46	94.55	103.19	7.84	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	208.23	196.20	179.17	194.53	7.51	ppb
Zirconium	90-1	500.89	497.48	496.17	498.18	0.49	ppb
Zirconium	91-1	496.67	499.40	499.50	498.52	0.32	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 14:27:30	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.65	19.45	18.29	20.13	11.23	ppb
Antimony	121-1	1.91	1.88	1.82	1.87	2.49	ppb
Arsenic	75-2	0.97	0.90	0.76	0.88	12.46	ppb
Barium	135-1	9.19	9.39	9.32	9.30	1.05	ppb
Barium	137-1	9.43	9.28	9.38	9.37	0.81	ppb
Beryllium	9-1	1.05	1.07	1.05	1.06	1.56	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	28.38	28.18	30.12	28.89	3.69	ppb
Boron	11-1	31.78	30.92	31.91	31.54	1.71	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.09	1.08	1.17	1.11	4.59	ppb
Cadmium	106-1	1.28	0.67	2.42	1.46	61.09	ppb
Cadmium	108-1	0.88	1.10	1.14	1.04	13.40	ppb
Calcium	43-1	503.25	494.24	504.44	500.65	1.11	ppb
Calcium	44-1	513.47	507.30	506.95	509.24	0.72	ppb
Chromium	52-2	2.19	2.09	1.86	2.05	8.35	ppb
Cobalt	59-2	0.98	0.91	0.83	0.90	8.30	ppb
Copper	63-2	2.04	1.95	1.82	1.94	5.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	54-2	54.58	55.67	49.82	53.35	5.83	ppb
Iron	56-2	55.77	52.26	46.83	51.62	8.73	ppb
Iron	57-2	55.16	53.14	49.23	52.51	5.74	ppb
Krypton	83-1						cps
Lead	206-1	0.83	0.84	0.79	0.82	3.24	ppb
Lead	207-1	0.79	0.78	0.80	0.79	0.88	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 14:27:30	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.82	0.83	0.80	0.81	1.97	ppb
Lithium	6-1				100		%
Magnesium	24-2	532.08	489.04	458.34	493.15	7.51	ppb
Manganese	55-2	1.01	0.90	0.89	0.93	7.23	ppb
Molybdenum	94-1	4.89	4.98	4.94	4.94	0.85	ppb
Molybdenum	95-1	4.67	4.60	4.79	4.69	2.02	ppb
Molybdenum	96-1	4.82	4.76	5.01	4.86	2.71	ppb
Molybdenum	97-1	4.66	4.73	4.72	4.70	0.75	ppb
Molybdenum	98-1	4.83	4.73	4.86	4.81	1.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.98	0.92	0.90	0.93	4.16	ppb
Phosphorus	31-2	-2.44	-3.81	2.78	-1.16		ppb
Potassium	39-2	524.45	505.09	480.25	503.26	4.40	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	4.82	5.30	5.28	5.13	5.24	ppb
Selenium	77-2	5.42	4.59	5.22	5.08	8.54	ppb
Selenium	78-2	4.36	4.36	3.85	4.19	7.12	ppb
Silicon	28-1	6.55	6.63	6.69	6.63	1.10	ppb
Silver	109-1	0.98	0.98	1.03	1.00	2.88	ppb
Silver	107-1	1.01	0.99	0.96	0.99	2.67	ppb
Sodium	23-2	553.54	523.87	499.93	525.78	5.11	ppb
Strontium	86-1	0.93	0.97	0.90	0.93	3.82	ppb
Strontium	88-1	0.94	0.95	0.95	0.94	0.43	ppb
Sulfur	34-1	-21.34	-253.15	-192.95	-155.81		ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	0.82	0.85	0.81	0.83	2.27	ppb
Thallium	205-1	0.84	0.83	0.82	0.83	1.34	ppb
Thorium	232-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	4.90	4.80	4.90	4.87	1.22	ppb
Titanium	47-1	4.70	4.59	4.64	4.64	1.17	ppb
Uranium	238-1	0.77	0.76	0.79	0.77	2.42	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 14:27:30	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.64	4.48	4.10	4.41	6.36	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	2.09	1.91	2.23	2.07	7.68	ppb
Zirconium	90-1	0.92	0.92	0.97	0.94	3.58	ppb
Zirconium	91-1	0.89	0.93	0.99	0.94	4.88	ppb

LB Number : LB111396 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-07 14:30:59 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.81	2.21	2.38	2.47	12.58	ppb
Antimony	121-1	0.01	0.00	0.01	0.01	51.31	ppb
Arsenic	75-2	-0.02	-0.02	-0.01	-0.02		ppb
Barium	135-1	0.01	-0.01	0.01	0.00	775.64	ppb
Barium	137-1	0.00	0.00	0.01	0.00	46.91	ppb
Beryllium	9-1	0.00	0.00	-0.01	0.00		ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	6.30	6.09	7.66	6.68	12.74	ppb
Boron	11-1	7.04	7.04	6.84	6.97	1.70	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.04	-0.02	0.10	0.01	585.08	ppb
Cadmium	106-1	-0.48	-0.24	1.26	0.18	521.99	ppb
Cadmium	108-1	0.01	-0.03	-0.06	-0.03		ppb
Calcium	43-1	-1.61	-0.38	0.05	-0.65		ppb
Calcium	44-1	-1.05	0.47	0.02	-0.19		ppb
Chromium	52-2	-0.01	0.00	0.00	0.00		ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.03	-0.01	0.03	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	54-2	-0.74	0.17	-0.12	-0.23		ppb
Iron	56-2	-0.44	-0.38	-0.34	-0.39		ppb
Iron	57-2	-0.88	-1.73	-2.95	-1.85		ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.02	0.02	6.84	ppb
Lead	207-1	0.01	0.03	0.02	0.02	38.36	ppb

LB Number : LB111396 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-07 14:30:59 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.01	0.02	0.01	0.01	23.75	ppb
Lithium	6-1				101		%
Magnesium	24-2	-1.52	-1.36	-1.11	-1.33		ppb
Manganese	55-2	0.01	0.01	0.01	0.01	30.30	ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	95-1	0.01	0.00	0.00	0.01	62.68	ppb
Molybdenum	96-1	0.02	0.01	0.01	0.01	38.60	ppb
Molybdenum	97-1	0.01	0.01	0.01	0.01	34.88	ppb
Molybdenum	98-1	0.00	0.01	0.01	0.01	38.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	0.00	-0.01		ppb
Phosphorus	31-2	8.67	5.44	2.98	5.70	50.01	ppb
Potassium	39-2	2.62	-3.32	3.29	0.86	422.38	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	0.09	0.11	-0.01	0.06	108.66	ppb
Selenium	77-2	0.19	0.00	0.00	0.06	173.21	ppb
Selenium	78-2	-0.35	-0.58	-0.11	-0.35		ppb
Silicon	28-1	-1.66	-1.04	-0.37	-1.02		ppb
Silver	109-1	0.00	0.00	0.01	0.00	264.69	ppb
Silver	107-1	0.01	0.00	0.00	0.00	57.92	ppb
Sodium	23-2	5.92	3.66	3.40	4.33	32.02	ppb
Strontium	86-1	0.04	-0.02	0.03	0.02	167.16	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	127.72	ppb
Sulfur	34-1	-58.01	21.62	287.75	83.79	216.11	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	-0.01	0.00	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Thorium	232-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.07	0.05	0.08	0.07	22.65	ppb
Titanium	47-1	0.01	0.01	0.00	0.00	125.31	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 14:30:59	DataFile Name :	015CCBE.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				101		%
Yttrium	89-2				100		%
Zinc	66-2	-0.12	0.12	0.39	0.13	199.27	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb
Zirconium	91-1	-0.01	0.00	-0.01	-0.01		ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 14:34:28	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	103268.92	102331.87	99364.06	101654.95	2.01	ppb
Antimony	121-1	1.09	1.03	1.07	1.06	2.54	ppb
Arsenic	75-2	0.30	0.32	0.33	0.32	5.50	ppb
Barium	135-1	1.37	1.31	1.39	1.36	3.11	ppb
Barium	137-1	1.41	1.36	1.34	1.37	2.77	ppb
Beryllium	9-1	0.26	0.27	0.26	0.26	3.25	ppb
Bismuth	209-1				95		%
Bismuth	209-2				88		%
Boron	10-1	6.64	6.35	6.18	6.39	3.61	ppb
Boron	11-1	7.24	6.78	6.78	6.93	3.80	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.42	0.44	0.28	0.38	23.43	ppb
Cadmium	106-1	-1.81	-1.19	-2.63	-1.88		ppb
Cadmium	108-1	14.25	14.38	15.04	14.56	2.92	ppb
Calcium	43-1	103782.16	103547.82	104330.17	103886.72	0.39	ppb
Calcium	44-1	98938.07	98979.02	98946.33	98954.48	0.02	ppb
Chromium	52-2	17.74	17.38	16.95	17.36	2.28	ppb
Cobalt	59-2	1.26	1.23	1.22	1.24	1.82	ppb
Copper	63-2	7.74	7.65	7.53	7.64	1.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	54-2	109564.89	109429.27	105832.07	108275.41	1.96	ppb
Iron	56-2	110191.36	108598.06	104948.06	107912.49	2.49	ppb
Iron	57-2	108746.00	108608.07	103707.16	107020.41	2.68	ppb
Krypton	83-1						cps
Lead	206-1	6.14	5.94	6.00	6.02	1.72	ppb
Lead	207-1	5.41	5.35	5.50	5.42	1.34	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 14:34:28	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	5.72	5.66	5.74	5.71	0.72	ppb
Lithium	6-1				93		%
Magnesium	24-2	101709.93	100468.55	97824.82	100001.10	1.98	ppb
Manganese	55-2	8.05	7.92	7.55	7.84	3.28	ppb
Molybdenum	94-1	1322.84	1311.47	1333.35	1322.55	0.83	ppb
Molybdenum	95-1	1887.02	1905.28	1884.34	1892.21	0.60	ppb
Molybdenum	96-1	1810.55	1820.76	1811.70	1814.34	0.31	ppb
Molybdenum	97-1	1889.88	1899.27	1926.62	1905.25	1.00	ppb
Molybdenum	98-1	1875.64	1888.80	1899.06	1887.83	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.37	5.35	5.16	5.29	2.28	ppb
Phosphorus	31-2	96497.28	96230.45	92992.84	95240.19	2.05	ppb
Potassium	39-2	101186.99	101480.74	99004.60	100557.44	1.35	ppb
Rhodium	103-1				92		%
Rhodium	103-2				94		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	0.08	0.35	0.06	0.16	99.35	ppb
Selenium	77-2	0.40	0.60	0.40	0.47	24.73	ppb
Selenium	78-2	-0.22	-0.61	0.31	-0.17		ppb
Silicon	28-1	14.57	14.23	15.12	14.64	3.06	ppb
Silver	109-1	0.07	0.06	0.07	0.07	12.95	ppb
Silver	107-1	0.06	0.07	0.07	0.07	9.09	ppb
Sodium	23-2	106235.23	105385.93	103386.60	105002.59	1.39	ppb
Strontium	86-1	32.91	32.70	33.83	33.15	1.82	ppb
Strontium	88-1	33.26	32.93	33.35	33.18	0.67	ppb
Sulfur	34-1	100122.48	97560.65	99479.86	99054.33	1.35	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.31	0.31	0.35	0.32	6.42	ppb
Thallium	205-1	0.28	0.33	0.34	0.32	10.78	ppb
Thorium	232-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.16	0.18	0.17	0.17	4.24	ppb
Titanium	47-1	1962.35	1968.21	1972.02	1967.53	0.25	ppb
Uranium	238-1	0.01	0.02	0.01	0.01	7.11	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 14:34:28	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.21	0.21	0.18	0.20	7.55	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	11.96	12.63	12.07	12.22	2.95	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	13.25	ppb
Zirconium	91-1	0.02	0.02	0.02	0.02	12.82	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 14:37:51	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100937.16	100768.60	96759.87	99488.54	2.38	ppb
Antimony	121-1	20.31	20.14	20.33	20.26	0.51	ppb
Arsenic	75-2	20.66	19.96	19.49	20.04	2.92	ppb
Barium	135-1	20.63	20.21	20.72	20.52	1.34	ppb
Barium	137-1	21.10	20.25	20.19	20.51	2.47	ppb
Beryllium	9-1	20.49	20.39	20.44	20.44	0.25	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	54.01	52.40	55.99	54.13	3.32	ppb
Boron	11-1	57.98	55.40	58.60	57.33	2.96	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	19.32	18.98	18.95	19.08	1.08	ppb
Cadmium	106-1	23.70	23.02	22.11	22.94	3.50	ppb
Cadmium	108-1	35.41	35.41	35.01	35.28	0.66	ppb
Calcium	43-1	98117.61	97563.21	103207.39	99629.41	3.12	ppb
Calcium	44-1	98173.87	96109.51	97034.83	97106.07	1.06	ppb
Chromium	52-2	37.46	36.81	35.41	36.56	2.87	ppb
Cobalt	59-2	21.00	20.60	20.03	20.55	2.37	ppb
Copper	63-2	28.05	27.91	26.93	27.63	2.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	54-2	108250.24	107517.35	103198.82	106322.14	2.57	ppb
Iron	56-2	107939.14	106906.91	102751.18	105865.74	2.59	ppb
Iron	57-2	108621.99	106961.39	101484.53	105689.30	3.53	ppb
Krypton	83-1						cps
Lead	206-1	23.02	22.93	23.55	23.17	1.45	ppb
Lead	207-1	21.43	21.27	21.67	21.46	0.93	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 14:37:51	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	22.17	22.03	22.61	22.27	1.36	ppb
Lithium	6-1				95		%
Magnesium	24-2	99958.12	99375.63	96397.25	98577.00	1.94	ppb
Manganese	55-2	27.77	26.65	26.05	26.82	3.24	ppb
Molybdenum	94-1	1396.45	1400.58	1424.15	1407.06	1.06	ppb
Molybdenum	95-1	1922.57	1918.83	1927.87	1923.09	0.24	ppb
Molybdenum	96-1	1867.48	1844.48	1852.36	1854.77	0.63	ppb
Molybdenum	97-1	1921.72	1922.16	1929.22	1924.36	0.22	ppb
Molybdenum	98-1	1892.43	1908.85	1925.33	1908.87	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.13	25.10	24.43	24.89	1.59	ppb
Phosphorus	31-2	96328.25	94470.40	92487.54	94428.73	2.03	ppb
Potassium	39-2	100614.58	99897.90	98040.48	99517.65	1.33	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	19.63	19.15	19.36	19.38	1.25	ppb
Selenium	77-2	21.26	20.29	18.48	20.01	7.06	ppb
Selenium	78-2	18.06	18.66	17.97	18.23	2.06	ppb
Silicon	28-1	56.06	54.20	57.48	55.91	2.95	ppb
Silver	109-1	18.33	18.37	18.24	18.32	0.37	ppb
Silver	107-1	18.31	18.14	18.05	18.17	0.72	ppb
Sodium	23-2	104547.78	104509.39	100769.77	103275.65	2.10	ppb
Strontium	86-1	81.77	82.06	82.84	82.22	0.67	ppb
Strontium	88-1	81.93	82.16	82.45	82.18	0.32	ppb
Sulfur	34-1	97197.45	95230.08	96515.24	96314.25	1.04	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	18.52	18.71	19.11	18.78	1.58	ppb
Thallium	205-1	18.88	18.51	19.11	18.83	1.60	ppb
Thorium	232-1	0.83	0.81	0.84	0.83	1.52	ppb
Tin	118-1	49.85	49.36	49.45	49.56	0.53	ppb
Titanium	47-1	1988.22	1965.48	2000.61	1984.77	0.90	ppb
Uranium	238-1	44.10	43.80	45.14	44.34	1.58	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 14:37:51	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	19.80	19.42	18.81	19.34	2.57	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	35.15	35.19	33.93	34.76	2.07	ppb
Zirconium	90-1	50.62	50.42	51.23	50.76	0.84	ppb
Zirconium	91-1	50.38	50.04	50.74	50.39	0.69	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 14:57:19	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51416.81	51033.31	49777.36	50742.50	1.69	ppb
Antimony	121-1	490.00	491.15	495.64	492.26	0.61	ppb
Arsenic	75-2	487.47	488.47	478.27	484.74	1.16	ppb
Barium	135-1	2494.37	2481.69	2489.86	2488.64	0.26	ppb
Barium	137-1	2430.67	2494.19	2463.47	2462.78	1.29	ppb
Beryllium	9-1	512.92	482.95	504.82	500.23	3.10	ppb
Bismuth	209-1				91		%
Bismuth	209-2				81		%
Boron	10-1	524.67	489.23	518.01	510.64	3.69	ppb
Boron	11-1	523.81	496.44	525.86	515.37	3.19	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	510.27	516.34	513.39	513.33	0.59	ppb
Cadmium	106-1	512.64	525.01	514.14	517.26	1.31	ppb
Cadmium	108-1	505.16	514.84	515.00	511.67	1.10	ppb
Calcium	43-1	239657.94	244688.66	242770.44	242372.34	1.05	ppb
Calcium	44-1	239272.45	242476.99	241443.18	241064.21	0.68	ppb
Chromium	52-2	488.49	486.06	477.02	483.86	1.25	ppb
Cobalt	59-2	478.60	471.14	464.05	471.26	1.54	ppb
Copper	63-2	4849.57	4849.53	4740.63	4813.24	1.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	54-2	127694.57	129392.49	124490.67	127192.58	1.96	ppb
Iron	56-2	127503.03	126933.04	125090.04	126508.70	1.00	ppb
Iron	57-2	128157.86	128064.60	124416.28	126879.58	1.68	ppb
Krypton	83-1						cps
Lead	206-1	2498.94	2516.49	2440.80	2485.41	1.59	ppb
Lead	207-1	2466.15	2497.50	2495.09	2486.25	0.70	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 14:57:19	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	2491.49	2531.64	2493.86	2505.66	0.90	ppb
Lithium	6-1				95		%
Magnesium	24-2	261897.32	258677.91	253692.55	258089.26	1.60	ppb
Manganese	55-2	4923.99	4906.45	4812.14	4880.86	1.23	ppb
Molybdenum	94-1	2482.65	2506.21	2450.12	2479.66	1.14	ppb
Molybdenum	95-1	2493.71	2477.43	2442.72	2471.29	1.05	ppb
Molybdenum	96-1	2507.72	2495.17	2444.07	2482.32	1.36	ppb
Molybdenum	97-1	2485.37	2498.45	2492.13	2491.99	0.26	ppb
Molybdenum	98-1	2464.51	2515.84	2470.86	2483.74	1.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	472.48	472.78	460.63	468.63	1.48	ppb
Phosphorus	31-2	10046.17	9825.89	9870.18	9914.08	1.18	ppb
Potassium	39-2	129453.30	130010.15	127303.52	128922.32	1.11	ppb
Rhodium	103-1				92		%
Rhodium	103-2				93		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	487.52	493.74	483.05	488.11	1.10	ppb
Selenium	77-2	497.78	500.52	473.08	490.46	3.08	ppb
Selenium	78-2	505.04	498.08	496.55	499.89	0.91	ppb
Silicon	28-1	453.23	457.77	465.47	458.82	1.35	ppb
Silver	109-1	471.91	484.59	483.11	479.87	1.45	ppb
Silver	107-1	462.17	482.27	477.42	473.95	2.21	ppb
Sodium	23-2	260975.63	262032.74	253580.07	258862.81	1.78	ppb
Strontium	86-1	488.72	494.22	490.59	491.18	0.57	ppb
Strontium	88-1	492.97	497.88	490.72	493.86	0.74	ppb
Sulfur	34-1	9086.63	9524.11	9426.35	9345.70	2.46	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	457.06	474.34	467.10	466.16	1.86	ppb
Thallium	205-1	499.94	500.95	497.63	499.51	0.34	ppb
Thorium	232-1	509.39	519.26	515.91	514.85	0.98	ppb
Tin	118-1	490.32	495.06	493.54	492.97	0.49	ppb
Titanium	47-1	2428.81	2456.28	2500.10	2461.73	1.46	ppb
Uranium	238-1	501.49	501.69	501.44	501.54	0.03	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 14:57:19	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	498.66	493.43	482.36	491.48	1.69	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	5085.97	5105.46	4928.50	5039.97	1.93	ppb
Zirconium	90-1	492.91	500.29	501.76	498.32	0.95	ppb
Zirconium	91-1	497.33	498.44	500.17	498.65	0.29	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 15:09:55	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.25	0.14	0.32	0.07	428.82	ppb
Antimony	121-1	0.01	0.02	0.02	0.02	19.31	ppb
Arsenic	75-2	0.00	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.01	0.00	0.01	0.01	123.79	ppb
Barium	137-1	0.01	0.00	0.01	0.01	38.74	ppb
Beryllium	9-1	0.03	0.00	0.01	0.01	121.56	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	9.10	9.70	7.78	8.86	11.13	ppb
Boron	11-1	9.01	8.78	8.66	8.82	2.05	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.03	0.12	0.00	0.05	128.86	ppb
Cadmium	106-1	0.46	1.58	-0.02	0.67	122.13	ppb
Cadmium	108-1	0.05	0.05	-0.02	0.03	140.14	ppb
Calcium	43-1	-1.56	-1.94	-2.57	-2.02		ppb
Calcium	44-1	-1.06	-0.62	1.02	-0.22		ppb
Chromium	52-2	-0.01	0.02	-0.01	0.00	3710.44	ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.01	-0.01	-0.01	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	54-2	-0.54	0.17	0.80	0.14	469.91	ppb
Iron	56-2	-0.25	-0.14	-0.06	-0.15		ppb
Iron	57-2	-1.66	-1.12	-1.47	-1.42		ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.15	0.14	0.14	2.51	ppb
Lead	207-1	0.13	0.13	0.11	0.13	9.57	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 15:09:55	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.14	0.14	0.13	0.14	4.20	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.79	-0.55	-0.42	-0.58		ppb
Manganese	55-2	0.02	0.02	0.02	0.02	8.26	ppb
Molybdenum	94-1	0.01	0.01	0.04	0.02	76.43	ppb
Molybdenum	95-1	0.02	0.03	0.01	0.02	35.88	ppb
Molybdenum	96-1	0.02	0.02	0.02	0.02	8.46	ppb
Molybdenum	97-1	0.01	0.01	0.01	0.01	10.07	ppb
Molybdenum	98-1	0.02	0.03	0.03	0.02	16.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	0.01	0.00		ppb
Phosphorus	31-2	-0.14	-2.62	-1.90	-1.55		ppb
Potassium	39-2	13.77	15.92	18.32	16.00	14.20	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	0.64	-0.20	0.26	0.23	183.53	ppb
Selenium	77-2	0.00	0.00	0.57	0.19	173.21	ppb
Selenium	78-2	-0.66	-0.34	-0.54	-0.51		ppb
Silicon	28-1	-1.20	-1.85	-1.23	-1.43		ppb
Silver	109-1	0.00	0.01	0.00	0.01	67.45	ppb
Silver	107-1	0.01	0.01	0.00	0.01	41.57	ppb
Sodium	23-2	26.02	26.45	25.64	26.04	1.56	ppb
Strontium	86-1	-0.01	-0.04	0.00	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-559.68	-685.79	-550.02	-598.50		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.05	0.05	0.06	0.06	11.58	ppb
Thallium	205-1	0.05	0.06	0.05	0.05	4.93	ppb
Thorium	232-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.00	0.00	0.02	0.01	128.45	ppb
Titanium	47-1	0.01	-0.03	-0.01	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 15:09:55	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	151.98	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	0.14	0.30	0.65	0.36	72.73	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	-0.01	-0.01	0.01	0.00		ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 15:26:48	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.51	19.99	18.37	19.96	7.85	ppb
Antimony	121-1	1.90	1.88	1.88	1.89	0.66	ppb
Arsenic	75-2	0.93	0.94	0.82	0.90	7.38	ppb
Barium	135-1	9.02	9.49	9.41	9.31	2.70	ppb
Barium	137-1	9.29	9.44	9.32	9.35	0.84	ppb
Beryllium	9-1	0.91	1.01	0.98	0.97	5.31	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	24.33	25.81	26.11	25.42	3.74	ppb
Boron	11-1	27.06	27.49	28.00	27.52	1.70	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.10	1.11	1.09	1.10	0.79	ppb
Cadmium	106-1	1.81	1.28	1.47	1.52	17.61	ppb
Cadmium	108-1	0.74	0.86	1.21	0.94	25.66	ppb
Calcium	43-1	501.46	479.53	480.57	487.19	2.54	ppb
Calcium	44-1	510.04	505.02	502.56	505.87	0.75	ppb
Chromium	52-2	2.22	2.13	1.90	2.08	7.92	ppb
Cobalt	59-2	0.98	0.90	0.87	0.92	6.08	ppb
Copper	63-2	2.00	1.97	1.81	1.93	5.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	54-2	56.89	53.60	48.76	53.08	7.70	ppb
Iron	56-2	54.82	51.84	47.33	51.33	7.35	ppb
Iron	57-2	54.63	50.32	46.35	50.44	8.21	ppb
Krypton	83-1						cps
Lead	206-1	0.87	0.81	0.86	0.85	4.00	ppb
Lead	207-1	0.81	0.82	0.79	0.81	2.08	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 15:26:48	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.84	0.82	0.83	0.83	1.05	ppb
Lithium	6-1				102		%
Magnesium	24-2	521.60	498.04	458.63	492.76	6.46	ppb
Manganese	55-2	0.97	0.92	0.83	0.91	7.82	ppb
Molybdenum	94-1	4.83	4.74	4.69	4.75	1.55	ppb
Molybdenum	95-1	4.83	4.70	4.58	4.70	2.70	ppb
Molybdenum	96-1	4.72	4.85	4.84	4.81	1.48	ppb
Molybdenum	97-1	4.62	4.91	4.90	4.81	3.35	ppb
Molybdenum	98-1	4.80	4.76	4.73	4.76	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	0.94	0.81	0.93	12.06	ppb
Phosphorus	31-2	2.03	5.16	-0.50	2.23	127.07	ppb
Potassium	39-2	532.35	515.70	495.53	514.53	3.58	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	4.73	4.92	5.03	4.89	3.08	ppb
Selenium	77-2	4.44	4.28	5.57	4.76	14.79	ppb
Selenium	78-2	4.54	4.74	4.82	4.70	3.06	ppb
Silicon	28-1	6.61	6.77	6.78	6.72	1.43	ppb
Silver	109-1	0.95	1.00	1.04	1.00	4.26	ppb
Silver	107-1	1.02	1.02	1.02	1.02	0.20	ppb
Sodium	23-2	549.41	530.70	499.65	526.59	4.77	ppb
Strontium	86-1	0.95	0.93	0.98	0.95	2.25	ppb
Strontium	88-1	0.94	0.94	0.92	0.93	1.68	ppb
Sulfur	34-1	-56.91	-123.25	-110.97	-97.04		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.87	0.86	0.88	0.87	0.95	ppb
Thallium	205-1	0.85	0.86	0.87	0.86	1.41	ppb
Thorium	232-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	4.86	4.93	4.75	4.85	1.91	ppb
Titanium	47-1	4.52	4.73	4.85	4.70	3.59	ppb
Uranium	238-1	0.75	0.73	0.76	0.75	2.24	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 15:26:48	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.62	4.61	4.18	4.47	5.64	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	2.41	2.39	2.42	2.41	0.56	ppb
Zirconium	90-1	0.93	0.91	0.96	0.94	2.77	ppb
Zirconium	91-1	0.99	0.89	0.96	0.95	5.39	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3972-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 15:40:20	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2981.38	2838.33	2533.86	2784.52	8.21	ppb
Antimony	121-1	333.49	324.71	331.99	330.07	1.42	ppb
Arsenic	75-2	523.01	493.80	459.47	492.09	6.46	ppb
Barium	135-1	1370.71	1348.25	1372.52	1363.82	0.99	ppb
Barium	137-1	1417.06	1383.87	1419.47	1406.80	1.41	ppb
Beryllium	9-1	149.20	147.09	146.37	147.55	1.00	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	1653.83	1689.92	1669.29	1671.01	1.08	ppb
Boron	11-1	1740.42	1809.26	1755.57	1768.42	2.05	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	419.02	410.11	420.14	416.42	1.32	ppb
Cadmium	106-1	337.68	323.79	331.04	330.84	2.10	ppb
Cadmium	108-1	360.64	355.11	361.05	358.93	0.92	ppb
Calcium	43-1	49.87	48.37	48.53	48.92	1.68	ppb
Calcium	44-1	-80.72	-78.99	-80.88	-80.20		ppb
Chromium	52-2	388.76	372.41	336.71	365.96	7.27	ppb
Cobalt	59-2	585.08	565.58	515.58	555.41	6.45	ppb
Copper	63-2	236.11	228.71	209.62	224.81	6.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	54-2	4030.98	3845.24	3446.46	3774.22	7.91	ppb
Iron	56-2	3664.76	3467.53	3108.47	3413.59	8.26	ppb
Iron	57-2	3705.94	3517.30	3179.83	3467.69	7.69	ppb
Krypton	83-1						cps
Lead	206-1	966.72	924.71	921.13	937.52	2.70	ppb
Lead	207-1	940.94	916.63	905.43	921.00	1.97	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3972-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 15:40:20	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	958.91	934.86	925.76	939.84	1.82	ppb
Lithium	6-1				101		%
Magnesium	24-2	-1.38	-0.97	-1.21	-1.19		ppb
Manganese	55-2	561.82	542.17	495.80	533.26	6.36	ppb
Molybdenum	94-1	277.49	272.07	270.13	273.23	1.40	ppb
Molybdenum	95-1	394.03	388.18	386.11	389.44	1.06	ppb
Molybdenum	96-1	378.27	376.43	374.40	376.37	0.52	ppb
Molybdenum	97-1	399.98	392.56	391.12	394.56	1.21	ppb
Molybdenum	98-1	397.21	392.12	383.44	390.92	1.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	451.60	430.64	395.68	425.97	6.63	ppb
Phosphorus	31-2	-0.84	2.65	-3.24	-0.48		ppb
Potassium	39-2	7.21	7.98	9.16	8.12	12.11	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	145.12	141.78	140.43	142.45	1.70	ppb
Selenium	77-2	138.68	128.65	127.96	131.77	4.55	ppb
Selenium	78-2	142.18	136.21	128.00	135.46	5.26	ppb
Silicon	28-1	78.35	76.77	77.20	77.44	1.06	ppb
Silver	109-1	746.00	741.65	744.69	744.12	0.30	ppb
Silver	107-1	742.76	731.22	730.31	734.77	0.94	ppb
Sodium	23-2	44.69	46.40	43.44	44.84	3.32	ppb
Strontium	86-1	78.14	78.47	77.64	78.08	0.54	ppb
Strontium	88-1	78.54	77.95	77.62	78.04	0.59	ppb
Sulfur	34-1	-265.26	-470.11	-483.51	-406.29		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	105.63	102.86	100.98	103.16	2.27	ppb
Thallium	205-1	106.04	103.94	102.39	104.13	1.76	ppb
Thorium	232-1	-0.03	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.02	-0.01	0.02	0.01	176.85	ppb
Titanium	47-1	0.04	0.13	0.11	0.09	49.49	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3972-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 15:40:20	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	1612.98	1536.39	1407.18	1518.85	6.85	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	836.46	803.70	736.13	792.10	6.46	ppb
Zirconium	90-1	0.07	0.09	0.08	0.08	11.27	ppb
Zirconium	91-1	0.33	0.38	0.31	0.34	10.76	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3972-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 15:43:45	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96.62	87.02	80.39	88.01	9.27	ppb
Antimony	121-1	0.06	0.07	0.06	0.06	9.93	ppb
Arsenic	75-2	0.00	0.02	-0.01	0.00	337.95	ppb
Barium	135-1	0.18	0.17	0.19	0.18	5.60	ppb
Barium	137-1	0.14	0.18	0.17	0.16	10.58	ppb
Beryllium	9-1	0.00	0.00	0.01	0.01	84.06	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	256.52	249.05	245.26	250.28	2.29	ppb
Boron	11-1	268.88	272.72	265.15	268.92	1.41	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.02	0.01	-0.05	-0.01		ppb
Cadmium	106-1	0.15	0.00	-0.63	-0.16		ppb
Cadmium	108-1	0.09	0.14	0.22	0.15	44.31	ppb
Calcium	43-1	5.22	4.82	5.61	5.22	7.56	ppb
Calcium	44-1	11.70	13.56	13.92	13.06	9.14	ppb
Chromium	52-2	0.70	0.70	0.62	0.67	6.60	ppb
Cobalt	59-2	0.08	0.06	0.05	0.06	24.59	ppb
Copper	63-2	0.12	0.09	0.13	0.11	19.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	54-2	301.41	266.07	240.42	269.30	11.37	ppb
Iron	56-2	292.07	262.16	236.93	263.72	10.47	ppb
Iron	57-2	287.26	250.07	229.67	255.67	11.42	ppb
Krypton	83-1						cps
Lead	206-1	0.63	0.60	0.60	0.61	3.04	ppb
Lead	207-1	0.56	0.59	0.57	0.57	2.49	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3972-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 15:43:45	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.57	0.58	0.59	0.58	1.28	ppb
Lithium	6-1				100		%
Magnesium	24-2	6.48	5.05	5.72	5.75	12.42	ppb
Manganese	55-2	0.15	0.13	0.11	0.13	15.43	ppb
Molybdenum	94-1	1.93	2.12	2.10	2.05	4.90	ppb
Molybdenum	95-1	0.16	0.19	0.16	0.17	9.83	ppb
Molybdenum	96-1	0.42	0.45	0.42	0.43	3.59	ppb
Molybdenum	97-1	0.16	0.15	0.16	0.16	5.37	ppb
Molybdenum	98-1	0.18	0.16	0.18	0.17	8.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.43	0.43	0.42	0.43	2.01	ppb
Phosphorus	31-2	-4.18	-2.19	-0.65	-2.34		ppb
Potassium	39-2	10.08	5.91	13.39	9.79	38.28	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	82-1	-0.17	-0.16	0.44	0.04	991.41	ppb
Selenium	77-2	0.39	0.00	0.00	0.13	173.21	ppb
Selenium	78-2	-0.44	-0.70	-1.07	-0.73		ppb
Silicon	28-1	1251.68	1274.46	1244.84	1256.99	1.23	ppb
Silver	109-1	0.04	0.03	0.05	0.04	19.72	ppb
Silver	107-1	0.05	0.05	0.05	0.05	8.69	ppb
Sodium	23-2	233.23	224.91	211.05	223.06	5.02	ppb
Strontium	86-1	0.01	-0.02	0.01	0.00	1043.26	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	3.96	ppb
Sulfur	34-1	-918.55	-750.00	-778.22	-815.59		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.10	0.11	0.12	0.11	9.25	ppb
Thallium	205-1	0.12	0.11	0.11	0.11	4.12	ppb
Thorium	232-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	1767.99	1704.39	1754.88	1742.42	1.93	ppb
Titanium	47-1	255.47	261.41	256.30	257.73	1.25	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3972-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 15:43:45	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.05	0.05	0.04	0.04	14.29	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	0.79	0.91	0.97	0.89	10.60	ppb
Zirconium	90-1	1.29	1.33	1.24	1.29	3.28	ppb
Zirconium	91-1	1.21	1.29	1.22	1.24	3.84	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3972-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 15:47:12	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.49	-0.72	-0.65	-0.62		ppb
Antimony	121-1	0.06	0.05	0.04	0.05	18.00	ppb
Arsenic	75-2	0.06	0.03	0.03	0.04	49.38	ppb
Barium	135-1	0.33	0.28	0.35	0.32	11.36	ppb
Barium	137-1	0.37	0.32	0.32	0.34	8.51	ppb
Beryllium	9-1	0.00	0.00	-0.01	0.00		ppb
Bismuth	209-1				136		%
Bismuth	209-2				130		%
Boron	10-1	21.03	21.36	21.04	21.14	0.89	ppb
Boron	11-1	22.60	22.07	22.86	22.51	1.80	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.09	0.14	0.08	0.10	32.45	ppb
Cadmium	106-1	0.41	1.17	0.51	0.70	59.04	ppb
Cadmium	108-1	0.01	0.05	0.05	0.04	69.33	ppb
Calcium	43-1	20725.44	21079.92	21392.21	21065.85	1.58	ppb
Calcium	44-1	19842.69	20059.61	20472.80	20125.03	1.59	ppb
Chromium	52-2	-0.12	-0.12	-0.12	-0.12		ppb
Cobalt	59-2	0.02	0.01	0.01	0.01	24.51	ppb
Copper	63-2	-0.11	-0.12	-0.11	-0.11		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				144		%
Holmium	165-2				135		%
Indium	115-1				137		%
Indium	115-2				134		%
Iron	54-2	-4.50	-4.51	-4.38	-4.47		ppb
Iron	56-2	-0.97	-0.82	-0.98	-0.93		ppb
Iron	57-2	132.91	132.63	122.10	129.21	4.77	ppb
Krypton	83-1						cps
Lead	206-1	0.87	0.87	0.94	0.89	4.67	ppb
Lead	207-1	0.88	0.91	0.92	0.90	2.06	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3972-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 15:47:12	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.88	0.90	0.92	0.90	2.06	ppb
Lithium	6-1				140		%
Magnesium	24-2	35121.56	34909.21	32601.02	34210.60	4.09	ppb
Manganese	55-2	0.12	0.13	0.11	0.12	8.89	ppb
Molybdenum	94-1	0.24	0.19	0.22	0.22	11.40	ppb
Molybdenum	95-1	0.35	0.36	0.38	0.36	4.53	ppb
Molybdenum	96-1	0.34	0.36	0.33	0.34	3.97	ppb
Molybdenum	97-1	0.33	0.38	0.35	0.35	7.95	ppb
Molybdenum	98-1	0.34	0.36	0.34	0.35	2.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.08	0.06	0.06	15.01	ppb
Phosphorus	31-2	-9.47	-5.51	-9.21	-8.07		ppb
Potassium	39-2	28895.87	28783.90	26861.57	28180.45	4.06	ppb
Rhodium	103-1				137		%
Rhodium	103-2				135		%
Scandium	45-1				137		%
Scandium	45-2				134		%
Selenium	82-1	0.12	0.01	0.04	0.06	98.33	ppb
Selenium	77-2	0.00	0.00	0.14	0.05	173.21	ppb
Selenium	78-2	-1.03	-0.92	-1.32	-1.09		ppb
Silicon	28-1	-19.84	-18.52	-18.15	-18.84		ppb
Silver	109-1	0.02	0.01	0.02	0.01	19.80	ppb
Silver	107-1	0.01	0.02	0.02	0.02	16.03	ppb
Sodium	23-2	43202.27	42870.17	39951.05	42007.83	4.26	ppb
Strontium	86-1	2.13	2.22	2.10	2.15	2.83	ppb
Strontium	88-1	2.21	2.23	2.19	2.21	0.84	ppb
Sulfur	34-1	-2381.80	-2055.72	-1771.18	-2069.57		ppb
Terbium	159-1				142		%
Terbium	159-2				137		%
Thallium	203-1	0.36	0.29	0.24	0.30	19.38	ppb
Thallium	205-1	0.37	0.30	0.25	0.31	20.13	ppb
Thorium	232-1	-0.03	-0.03	-0.03	-0.03		ppb
Tin	118-1	0.08	0.08	0.08	0.08	3.25	ppb
Titanium	47-1	-0.02	-0.02	0.03	0.00		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3972-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 15:47:12	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.01	0.01	0.01	18.71	ppb
Yttrium	89-1				139		%
Yttrium	89-2				136		%
Zinc	66-2	0.63	0.53	0.45	0.53	16.97	ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	0.00	0.00	-0.01	-0.01		ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3973-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 15:50:38	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	62.97	57.52	48.24	56.24	13.25	ppb
Antimony	121-1	0.02	0.02	0.03	0.03	26.39	ppb
Arsenic	75-2	-0.01	-0.01	-0.02	-0.02		ppb
Barium	135-1	0.14	0.16	0.17	0.16	9.49	ppb
Barium	137-1	0.11	0.12	0.12	0.12	1.97	ppb
Beryllium	9-1	0.00	-0.01	0.00	0.00		ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	224.41	219.61	221.90	221.97	1.08	ppb
Boron	11-1	240.17	237.19	240.12	239.16	0.71	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.07	0.01	0.03	0.04	88.11	ppb
Cadmium	106-1	1.00	0.25	0.42	0.56	70.93	ppb
Cadmium	108-1	0.20	0.21	0.13	0.18	24.72	ppb
Calcium	43-1	-0.22	1.87	1.01	0.89	118.39	ppb
Calcium	44-1	9.80	10.04	9.12	9.66	4.94	ppb
Chromium	52-2	0.04	0.04	0.04	0.04	7.43	ppb
Cobalt	59-2	0.06	0.05	0.04	0.05	17.30	ppb
Copper	63-2	0.15	0.14	0.14	0.14	4.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	54-2	0.97	1.12	0.17	0.75	67.40	ppb
Iron	56-2	0.60	0.65	0.58	0.61	5.81	ppb
Iron	57-2	-1.08	-0.79	-0.05	-0.64		ppb
Krypton	83-1						cps
Lead	206-1	0.57	0.58	0.58	0.58	0.85	ppb
Lead	207-1	0.57	0.57	0.55	0.56	1.98	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3973-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 15:50:38	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.57	0.58	0.58	0.58	0.50	ppb
Lithium	6-1				99		%
Magnesium	24-2	-0.38	-0.36	-0.34	-0.36		ppb
Manganese	55-2	0.05	0.04	0.03	0.04	36.76	ppb
Molybdenum	94-1	1.88	1.81	1.99	1.89	4.68	ppb
Molybdenum	95-1	0.01	0.02	0.02	0.02	30.18	ppb
Molybdenum	96-1	0.26	0.24	0.27	0.26	5.48	ppb
Molybdenum	97-1	0.02	0.01	0.02	0.02	38.01	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	4.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.34	0.29	0.28	0.30	11.12	ppb
Phosphorus	31-2	4.50	-0.83	-2.87	0.27	1424.49	ppb
Potassium	39-2	18.11	11.61	14.50	14.74	22.10	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	82-1	-0.05	0.34	0.14	0.14	135.61	ppb
Selenium	77-2	0.00	0.20	0.00	0.07	173.21	ppb
Selenium	78-2	-0.69	-0.77	-0.55	-0.67		ppb
Silicon	28-1	1270.39	1270.58	1261.17	1267.38	0.42	ppb
Silver	109-1	0.02	0.02	0.02	0.02	9.85	ppb
Silver	107-1	0.03	0.03	0.03	0.03	9.94	ppb
Sodium	23-2	206.77	198.40	188.19	197.79	4.70	ppb
Strontium	86-1	0.01	0.02	0.01	0.01	64.41	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	13.92	ppb
Sulfur	34-1	734.28	576.11	272.53	527.64	44.47	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.11	0.10	0.12	0.11	6.77	ppb
Thallium	205-1	0.11	0.11	0.10	0.11	3.47	ppb
Thorium	232-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	1759.61	1779.33	1766.01	1768.32	0.57	ppb
Titanium	47-1	257.96	254.22	257.25	256.47	0.77	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3973-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 15:50:38	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.02	0.01	0.01	0.02	40.13	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	0.28	0.54	0.81	0.54	48.93	ppb
Zirconium	90-1	1.26	1.25	1.23	1.25	1.16	ppb
Zirconium	91-1	1.21	1.20	1.28	1.23	3.31	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3973-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 15:54:07	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2971.35	2889.41	2670.36	2843.70	5.47	ppb
Antimony	121-1	324.96	317.13	321.01	321.03	1.22	ppb
Arsenic	75-2	520.75	509.09	475.33	501.72	4.70	ppb
Barium	135-1	1347.26	1325.05	1342.42	1338.24	0.87	ppb
Barium	137-1	1382.51	1375.58	1363.89	1373.99	0.68	ppb
Beryllium	9-1	146.47	147.96	144.50	146.31	1.19	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	1642.63	1704.69	1688.90	1678.74	1.92	ppb
Boron	11-1	1762.73	1797.68	1791.28	1783.90	1.04	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	410.09	400.46	400.91	403.82	1.35	ppb
Cadmium	106-1	319.89	318.45	315.78	318.04	0.66	ppb
Cadmium	108-1	356.23	340.00	342.42	346.21	2.53	ppb
Calcium	43-1	51.75	55.27	50.11	52.38	5.03	ppb
Calcium	44-1	-81.86	-81.27	-80.11	-81.08		ppb
Chromium	52-2	396.68	386.35	353.64	378.89	5.93	ppb
Cobalt	59-2	595.43	575.01	539.76	570.07	4.94	ppb
Copper	63-2	242.14	235.67	221.66	233.16	4.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	54-2	4109.61	3964.24	3637.86	3903.90	6.19	ppb
Iron	56-2	3757.33	3644.72	3308.30	3570.12	6.54	ppb
Iron	57-2	3750.53	3675.55	3366.70	3597.59	5.65	ppb
Krypton	83-1						cps
Lead	206-1	953.55	936.28	944.39	944.74	0.91	ppb
Lead	207-1	917.06	913.68	917.38	916.04	0.22	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3973-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 15:54:07	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	938.45	930.82	934.93	934.73	0.41	ppb
Lithium	6-1				98		%
Magnesium	24-2	-0.68	-1.17	-1.04	-0.96		ppb
Manganese	55-2	572.07	560.12	515.83	549.34	5.39	ppb
Molybdenum	94-1	269.60	271.84	265.14	268.86	1.27	ppb
Molybdenum	95-1	386.58	389.36	381.08	385.67	1.09	ppb
Molybdenum	96-1	375.88	375.97	367.18	373.01	1.35	ppb
Molybdenum	97-1	387.69	393.69	389.32	390.23	0.80	ppb
Molybdenum	98-1	385.82	393.57	384.19	387.86	1.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	458.82	448.03	414.26	440.37	5.28	ppb
Phosphorus	31-2	-0.29	-0.72	-6.09	-2.37		ppb
Potassium	39-2	2.52	5.37	4.43	4.11	35.32	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	82-1	140.08	141.81	140.07	140.65	0.71	ppb
Selenium	77-2	138.26	144.00	119.41	133.89	9.61	ppb
Selenium	78-2	140.63	142.32	133.12	138.69	3.53	ppb
Silicon	28-1	75.73	77.22	74.16	75.70	2.02	ppb
Silver	109-1	723.27	701.78	713.08	712.71	1.51	ppb
Silver	107-1	710.47	707.74	692.88	703.69	1.34	ppb
Sodium	23-2	49.11	48.71	48.76	48.86	0.44	ppb
Strontium	86-1	77.98	78.29	76.97	77.75	0.89	ppb
Strontium	88-1	77.06	77.93	77.38	77.46	0.57	ppb
Sulfur	34-1	-1207.49	-1174.77	-1597.78	-1326.68		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	101.71	104.16	103.40	103.09	1.22	ppb
Thallium	205-1	103.41	103.84	103.40	103.55	0.25	ppb
Thorium	232-1	-0.02	-0.03	-0.03	-0.03		ppb
Tin	118-1	0.21	0.19	0.15	0.18	15.30	ppb
Titanium	47-1	0.13	0.07	0.09	0.10	29.38	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3973-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 15:54:07	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	1637.14	1606.61	1470.45	1571.40	5.65	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	858.74	838.53	774.97	824.08	5.30	ppb
Zirconium	90-1	0.07	0.08	0.09	0.08	9.76	ppb
Zirconium	91-1	0.29	0.31	0.32	0.31	4.20	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3973-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 15:57:30	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.61	-0.74	-0.78	-0.71		ppb
Antimony	121-1	0.03	0.03	0.03	0.03	8.21	ppb
Arsenic	75-2	0.02	0.05	0.02	0.03	60.34	ppb
Barium	135-1	0.32	0.35	0.33	0.34	4.11	ppb
Barium	137-1	0.29	0.32	0.33	0.31	5.58	ppb
Beryllium	9-1	0.00	0.00	-0.01	0.00		ppb
Bismuth	209-1				136		%
Bismuth	209-2				123		%
Boron	10-1	43.80	41.31	42.37	42.49	2.94	ppb
Boron	11-1	46.82	45.19	46.24	46.08	1.80	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.08	0.01	0.10	0.06	70.65	ppb
Cadmium	106-1	0.67	-0.23	0.96	0.46	133.18	ppb
Cadmium	108-1	0.00	0.05	-0.02	0.01	344.51	ppb
Calcium	43-1	20867.32	21096.71	21121.26	21028.43	0.67	ppb
Calcium	44-1	19908.07	20097.51	20005.83	20003.81	0.47	ppb
Chromium	52-2	-0.12	-0.11	-0.11	-0.11		ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	7.08	ppb
Copper	63-2	-0.13	-0.13	-0.12	-0.13		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				143		%
Holmium	165-2				129		%
Indium	115-1				137		%
Indium	115-2				128		%
Iron	54-2	-4.28	-4.05	-5.12	-4.49		ppb
Iron	56-2	-0.79	-0.74	-0.80	-0.78		ppb
Iron	57-2	134.80	136.17	137.32	136.09	0.93	ppb
Krypton	83-1						cps
Lead	206-1	0.67	0.69	0.73	0.70	4.27	ppb
Lead	207-1	0.65	0.63	0.68	0.65	3.75	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3973-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 15:57:30	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.66	0.67	0.71	0.68	4.40	ppb
Lithium	6-1				134		%
Magnesium	24-2	35840.26	36339.36	35361.24	35846.95	1.36	ppb
Manganese	55-2	0.11	0.13	0.10	0.11	11.01	ppb
Molybdenum	94-1	0.27	0.23	0.25	0.25	7.24	ppb
Molybdenum	95-1	0.36	0.33	0.36	0.35	3.97	ppb
Molybdenum	96-1	0.36	0.36	0.33	0.35	5.15	ppb
Molybdenum	97-1	0.41	0.37	0.38	0.39	4.41	ppb
Molybdenum	98-1	0.34	0.37	0.38	0.37	5.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.06	0.07	0.07	8.18	ppb
Phosphorus	31-2	-7.34	-7.30	-9.87	-8.17		ppb
Potassium	39-2	29621.07	29687.11	29281.52	29529.90	0.74	ppb
Rhodium	103-1				135		%
Rhodium	103-2				130		%
Scandium	45-1				136		%
Scandium	45-2				128		%
Selenium	82-1	0.27	0.14	0.18	0.19	33.78	ppb
Selenium	77-2	0.00	0.00	0.15	0.05	173.21	ppb
Selenium	78-2	-1.09	-1.18	-1.57	-1.28		ppb
Silicon	28-1	-20.06	-19.28	-18.95	-19.43		ppb
Silver	109-1	0.02	0.02	0.02	0.02	6.61	ppb
Silver	107-1	0.04	0.03	0.03	0.03	17.45	ppb
Sodium	23-2	43769.81	44465.19	43557.82	43930.94	1.08	ppb
Strontium	86-1	2.17	2.12	2.23	2.17	2.64	ppb
Strontium	88-1	2.26	2.22	2.25	2.24	0.90	ppb
Sulfur	34-1	-2574.22	-2189.75	-1988.06	-2250.68		ppb
Terbium	159-1				142		%
Terbium	159-2				130		%
Thallium	203-1	0.08	0.09	0.07	0.08	13.01	ppb
Thallium	205-1	0.08	0.08	0.09	0.08	2.50	ppb
Thorium	232-1	-0.03	-0.03	-0.03	-0.03		ppb
Tin	118-1	0.00	0.00	-0.01	0.00		ppb
Titanium	47-1	0.00	-0.03	-0.03	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3973-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 15:57:30	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.02	0.01	0.02	0.02	18.82	ppb
Yttrium	89-1				138		%
Yttrium	89-2				129		%
Zinc	66-2	0.16	0.26	0.30	0.24	31.08	ppb
Zirconium	90-1	-0.02	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	0.00	-0.01	-0.01	-0.01		ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3973-06DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired ::	2020-10-07 16:01:58	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.71	-0.24	-0.76	-0.57		ppb
Antimony	121-1	0.01	0.02	0.01	0.01	42.19	ppb
Arsenic	75-2	0.01	-0.02	-0.01	-0.01		ppb
Barium	135-1	0.07	0.06	0.06	0.06	9.17	ppb
Barium	137-1	0.07	0.08	0.06	0.07	16.32	ppb
Beryllium	9-1	0.00	0.01	0.00	0.00		ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	33.82	33.77	32.61	33.40	2.04	ppb
Boron	11-1	36.23	36.43	34.51	35.72	2.95	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.01	0.04	0.04	0.03	65.35	ppb
Cadmium	106-1	0.08	0.56	0.54	0.40	68.31	ppb
Cadmium	108-1	0.00	-0.02	0.06	0.01	304.45	ppb
Calcium	43-1	4157.32	4258.01	4180.06	4198.46	1.26	ppb
Calcium	44-1	4164.78	4210.67	4228.28	4201.24	0.78	ppb
Chromium	52-2	-0.01	-0.02	-0.02	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.03	-0.04	-0.03	-0.04		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	54-2	-1.28	-0.26	-1.01	-0.85		ppb
Iron	56-2	-0.16	-0.30	-0.34	-0.27		ppb
Iron	57-2	26.10	26.01	24.19	25.43	4.25	ppb
Krypton	83-1						cps
Lead	206-1	0.38	0.37	0.37	0.37	1.44	ppb
Lead	207-1	0.36	0.37	0.34	0.36	3.67	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3973-06DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired ::	2020-10-07 16:01:58	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.38	0.37	0.37	0.37	2.04	ppb
Lithium	6-1				104		%
Magnesium	24-2	7213.80	7129.56	6981.37	7108.24	1.66	ppb
Manganese	55-2	0.03	0.03	0.02	0.03	16.34	ppb
Molybdenum	94-1	0.05	0.04	0.07	0.05	26.21	ppb
Molybdenum	95-1	0.08	0.10	0.09	0.09	10.21	ppb
Molybdenum	96-1	0.09	0.08	0.08	0.08	9.27	ppb
Molybdenum	97-1	0.07	0.07	0.07	0.07	5.44	ppb
Molybdenum	98-1	0.08	0.08	0.08	0.08	4.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.00	0.00	117.41	ppb
Phosphorus	31-2	-3.80	2.00	-0.57	-0.79		ppb
Potassium	39-2	6051.45	6030.01	5980.54	6020.67	0.60	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	0.11	0.12	0.13	0.12	8.97	ppb
Selenium	77-2	0.19	0.19	0.00	0.13	86.60	ppb
Selenium	78-2	-0.98	0.22	-0.36	-0.37		ppb
Silicon	28-1	-3.72	-3.18	-2.59	-3.16		ppb
Silver	109-1	0.01	0.00	0.00	0.01	70.97	ppb
Silver	107-1	0.01	0.01	0.01	0.01	3.38	ppb
Sodium	23-2	8531.89	8468.89	8343.04	8447.94	1.14	ppb
Strontium	86-1	0.47	0.38	0.50	0.45	13.86	ppb
Strontium	88-1	0.43	0.44	0.44	0.44	0.97	ppb
Sulfur	34-1	622.96	592.15	610.54	608.55	2.55	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.08	0.08	0.08	0.08	2.09	ppb
Thallium	205-1	0.09	0.09	0.10	0.09	5.53	ppb
Thorium	232-1	-0.03	-0.03	-0.03	-0.03		ppb
Tin	118-1	0.03	0.02	0.01	0.02	39.27	ppb
Titanium	47-1	0.00	0.04	0.04	0.02	98.25	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3973-06DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired ::	2020-10-07 16:01:58	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.01	0.00	33.12	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	-0.02	0.03	0.06	0.02	197.87	ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00		ppb
Zirconium	91-1	0.00	0.00	-0.01	0.00		ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3973-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-07 16:05:26	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48.58	45.49	41.92	45.33	7.35	ppb
Antimony	121-1	0.02	0.01	0.02	0.02	13.68	ppb
Arsenic	75-2	-0.01	-0.01	-0.02	-0.01		ppb
Barium	135-1	0.08	0.09	0.09	0.09	4.78	ppb
Barium	137-1	0.09	0.09	0.07	0.08	14.68	ppb
Beryllium	9-1	0.00	0.00	0.01	0.01	72.44	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	126.70	122.88	121.35	123.64	2.23	ppb
Boron	11-1	134.36	132.22	130.59	132.39	1.43	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.15	-0.06	-0.09	0.00	10824.24	ppb
Cadmium	106-1	1.96	-0.69	-1.04	0.08	2122.30	ppb
Cadmium	108-1	0.08	0.05	0.12	0.08	41.57	ppb
Calcium	43-1	4.82	1.98	3.28	3.36	42.21	ppb
Calcium	44-1	10.68	9.83	9.05	9.85	8.27	ppb
Chromium	52-2	0.42	0.34	0.31	0.36	16.05	ppb
Cobalt	59-2	0.04	0.03	0.03	0.03	14.90	ppb
Copper	63-2	0.03	-0.01	0.05	0.02	129.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	54-2	148.24	143.47	126.89	139.53	8.03	ppb
Iron	56-2	149.17	142.06	124.81	138.68	9.03	ppb
Iron	57-2	144.51	141.56	126.60	137.56	6.98	ppb
Krypton	83-1						cps
Lead	206-1	0.42	0.43	0.44	0.43	1.91	ppb
Lead	207-1	0.43	0.43	0.46	0.44	3.57	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3973-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-07 16:05:26	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.44	0.43	0.46	0.44	2.83	ppb
Lithium	6-1				100		%
Magnesium	24-2	3.29	3.14	2.45	2.96	15.14	ppb
Manganese	55-2	0.07	0.06	0.08	0.07	19.54	ppb
Molybdenum	94-1	1.06	1.00	1.02	1.02	2.90	ppb
Molybdenum	95-1	0.08	0.08	0.07	0.08	2.04	ppb
Molybdenum	96-1	0.20	0.19	0.21	0.20	5.77	ppb
Molybdenum	97-1	0.08	0.04	0.07	0.07	36.71	ppb
Molybdenum	98-1	0.08	0.07	0.08	0.08	5.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.25	0.26	0.21	0.24	10.27	ppb
Phosphorus	31-2	-1.33	4.20	-4.07	-0.40		ppb
Potassium	39-2	12.78	10.13	12.19	11.70	11.86	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	82-1	-0.11	0.10	0.24	0.07	238.99	ppb
Selenium	77-2	0.20	0.00	0.00	0.07	173.21	ppb
Selenium	78-2	-0.81	-0.36	-0.35	-0.51		ppb
Silicon	28-1	652.15	634.01	635.94	640.70	1.56	ppb
Silver	109-1	0.01	0.01	0.01	0.01	7.27	ppb
Silver	107-1	0.01	0.02	0.01	0.02	6.47	ppb
Sodium	23-2	130.89	126.07	117.99	124.98	5.21	ppb
Strontium	86-1	0.04	0.02	0.00	0.02	114.20	ppb
Strontium	88-1	0.01	0.01	0.02	0.01	47.39	ppb
Sulfur	34-1	555.82	190.60	288.09	344.83	54.84	ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	0.08	0.09	0.08	0.08	4.31	ppb
Thallium	205-1	0.09	0.09	0.09	0.09	2.19	ppb
Thorium	232-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	897.86	875.26	865.79	879.64	1.87	ppb
Titanium	47-1	131.57	130.52	131.15	131.08	0.40	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3973-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-07 16:05:26	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.02	0.02	0.02	0.02	7.19	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	0.35	0.59	0.84	0.59	41.53	ppb
Zirconium	90-1	0.63	0.62	0.63	0.62	0.79	ppb
Zirconium	91-1	0.55	0.65	0.61	0.60	8.33	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3973-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-07 16:08:52	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1495.38	1418.92	1290.63	1401.64	7.38	ppb
Antimony	121-1	159.66	158.92	160.85	159.81	0.61	ppb
Arsenic	75-2	260.31	251.28	231.77	247.79	5.89	ppb
Barium	135-1	659.57	649.86	666.52	658.65	1.27	ppb
Barium	137-1	657.26	644.51	660.04	653.94	1.27	ppb
Beryllium	9-1	70.85	72.99	72.73	72.19	1.62	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	813.67	831.46	838.30	827.81	1.54	ppb
Boron	11-1	858.78	882.85	888.58	876.74	1.80	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	203.79	201.33	202.47	202.53	0.61	ppb
Cadmium	106-1	161.16	160.87	158.33	160.12	0.97	ppb
Cadmium	108-1	174.95	173.25	175.14	174.45	0.60	ppb
Calcium	43-1	31.85	28.56	26.03	28.82	10.14	ppb
Calcium	44-1	-37.61	-37.61	-37.48	-37.56		ppb
Chromium	52-2	198.85	188.59	172.08	186.50	7.24	ppb
Cobalt	59-2	301.52	284.46	263.24	283.07	6.77	ppb
Copper	63-2	121.97	115.84	107.11	114.97	6.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	54-2	2027.71	1935.26	1750.02	1904.33	7.43	ppb
Iron	56-2	1863.65	1774.66	1592.19	1743.50	7.94	ppb
Iron	57-2	1873.12	1801.25	1634.97	1769.78	6.90	ppb
Krypton	83-1						cps
Lead	206-1	426.16	425.57	417.35	423.03	1.16	ppb
Lead	207-1	413.54	415.99	402.47	410.66	1.75	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3973-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-07 16:08:52	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	444.82	446.14	438.75	443.24	0.89	ppb
Lithium	6-1				99		%
Magnesium	24-2	-0.60	-0.43	-0.69	-0.57		ppb
Manganese	55-2	283.13	272.88	250.67	268.89	6.17	ppb
Molybdenum	94-1	135.70	137.43	134.82	135.98	0.98	ppb
Molybdenum	95-1	193.96	194.62	190.82	193.13	1.05	ppb
Molybdenum	96-1	188.96	187.76	184.51	187.08	1.23	ppb
Molybdenum	97-1	197.45	197.74	193.93	196.37	1.08	ppb
Molybdenum	98-1	197.39	196.85	191.71	195.32	1.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	229.84	217.44	200.24	215.84	6.89	ppb
Phosphorus	31-2	-0.60	4.81	-0.03	1.39	213.18	ppb
Potassium	39-2	10.87	10.48	8.00	9.78	15.91	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	82-1	70.40	70.86	67.35	69.54	2.75	ppb
Selenium	77-2	66.30	72.29	61.80	66.80	7.88	ppb
Selenium	78-2	71.89	67.50	63.07	67.49	6.54	ppb
Silicon	28-1	37.86	37.47	37.66	37.66	0.51	ppb
Silver	109-1	351.56	364.37	349.76	355.23	2.24	ppb
Silver	107-1	361.79	356.38	352.46	356.88	1.31	ppb
Sodium	23-2	32.80	32.57	29.40	31.59	6.02	ppb
Strontium	86-1	38.78	38.75	37.70	38.41	1.61	ppb
Strontium	88-1	39.18	38.80	38.30	38.76	1.14	ppb
Sulfur	34-1	-417.73	-487.79	-513.26	-472.93		ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	51.24	50.66	51.31	51.07	0.70	ppb
Thallium	205-1	51.28	50.71	50.67	50.88	0.67	ppb
Thorium	232-1	-0.02	-0.03	-0.03	-0.03		ppb
Tin	118-1	0.15	0.13	0.14	0.14	6.58	ppb
Titanium	47-1	0.07	0.06	0.05	0.06	9.61	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3973-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-07 16:08:52	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	825.50	780.59	716.30	774.13	7.09	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	428.32	409.95	379.96	406.08	6.01	ppb
Zirconium	90-1	0.03	0.04	0.03	0.03	6.55	ppb
Zirconium	91-1	0.16	0.16	0.15	0.16	5.17	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 16:15:59	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52101.38	51579.66	51577.40	51752.81	0.58	ppb
Antimony	121-1	491.56	487.74	486.52	488.61	0.54	ppb
Arsenic	75-2	488.48	483.93	478.73	483.71	1.01	ppb
Barium	135-1	2484.45	2466.08	2440.31	2463.61	0.90	ppb
Barium	137-1	2479.55	2447.33	2441.07	2455.98	0.84	ppb
Beryllium	9-1	479.48	476.56	480.22	478.75	0.40	ppb
Bismuth	209-1				89		%
Bismuth	209-2				79		%
Boron	10-1	497.23	491.78	500.29	496.43	0.87	ppb
Boron	11-1	499.99	497.46	508.85	502.10	1.19	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	512.77	507.93	499.27	506.66	1.35	ppb
Cadmium	106-1	511.60	511.77	498.93	507.43	1.45	ppb
Cadmium	108-1	513.52	511.04	500.06	508.21	1.41	ppb
Calcium	43-1	240063.84	244659.71	239853.88	241525.81	1.12	ppb
Calcium	44-1	243186.55	244482.07	243240.21	243636.28	0.30	ppb
Chromium	52-2	494.26	491.69	487.35	491.10	0.71	ppb
Cobalt	59-2	482.85	480.19	473.93	478.99	0.96	ppb
Copper	63-2	5035.31	4958.54	4887.31	4960.39	1.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				97		%
Indium	115-1				93		%
Indium	115-2				92		%
Iron	54-2	132191.85	130051.34	130203.59	130815.59	0.91	ppb
Iron	56-2	130481.31	128648.47	127941.44	129023.74	1.02	ppb
Iron	57-2	129918.09	129408.62	129284.95	129537.22	0.26	ppb
Krypton	83-1						cps
Lead	206-1	2455.18	2525.59	2523.67	2501.48	1.60	ppb
Lead	207-1	2470.43	2527.68	2540.28	2512.79	1.48	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 16:15:59	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	2481.83	2516.01	2528.19	2508.68	0.96	ppb
Lithium	6-1				96		%
Magnesium	24-2	265192.61	261226.78	259837.76	262085.72	1.06	ppb
Manganese	55-2	4983.35	4904.32	4953.52	4947.06	0.81	ppb
Molybdenum	94-1	2495.85	2451.09	2457.55	2468.16	0.98	ppb
Molybdenum	95-1	2487.06	2441.64	2448.75	2459.15	0.99	ppb
Molybdenum	96-1	2501.04	2457.57	2444.14	2467.58	1.21	ppb
Molybdenum	97-1	2503.45	2480.01	2458.82	2480.76	0.90	ppb
Molybdenum	98-1	2504.60	2421.16	2438.59	2454.79	1.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	485.15	477.31	472.97	478.48	1.29	ppb
Phosphorus	31-2	10156.93	9994.64	9863.08	10004.88	1.47	ppb
Potassium	39-2	131181.29	129493.23	128827.43	129833.99	0.93	ppb
Rhodium	103-1				90		%
Rhodium	103-2				92		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	486.24	476.76	476.03	479.68	1.19	ppb
Selenium	77-2	484.90	472.58	505.99	487.82	3.46	ppb
Selenium	78-2	494.18	492.57	491.98	492.91	0.23	ppb
Silicon	28-1	440.21	443.96	447.96	444.04	0.87	ppb
Silver	109-1	486.00	481.08	463.49	476.86	2.48	ppb
Silver	107-1	480.63	473.48	463.95	472.69	1.77	ppb
Sodium	23-2	263432.58	261217.06	257986.73	260878.79	1.05	ppb
Strontium	86-1	496.26	481.83	479.46	485.85	1.87	ppb
Strontium	88-1	498.50	489.61	490.60	492.91	0.99	ppb
Sulfur	34-1	9639.42	9509.22	9333.38	9494.01	1.62	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	467.43	469.47	464.40	467.10	0.55	ppb
Thallium	205-1	501.56	510.06	507.10	506.24	0.85	ppb
Thorium	232-1	514.08	517.18	515.00	515.42	0.31	ppb
Tin	118-1	487.25	485.25	480.37	484.29	0.73	ppb
Titanium	47-1	2432.59	2492.99	2457.42	2461.00	1.23	ppb
Uranium	238-1	501.51	522.54	500.28	508.11	2.46	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 16:15:59	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	504.31	498.46	492.00	498.26	1.24	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	5195.01	5118.45	5098.04	5137.17	1.00	ppb
Zirconium	90-1	503.99	498.54	501.57	501.37	0.55	ppb
Zirconium	91-1	498.34	491.98	489.01	493.11	0.97	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 16:37:29	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.27	0.46	-0.44	-0.09		ppb
Antimony	121-1	0.00	0.01	0.00	0.00	58.62	ppb
Arsenic	75-2	-0.02	-0.02	-0.01	-0.02		ppb
Barium	135-1	0.01	0.01	0.00	0.01	45.71	ppb
Barium	137-1	0.01	0.02	0.01	0.01	48.35	ppb
Beryllium	9-1	0.00	-0.01	0.01	0.00		ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	10-1	10.66	9.89	10.54	10.37	3.99	ppb
Boron	11-1	11.30	10.70	11.32	11.11	3.17	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.03	0.02	-0.06	0.00		ppb
Cadmium	106-1	0.41	0.22	-0.77	-0.04		ppb
Cadmium	108-1	0.01	0.01	0.04	0.02	76.57	ppb
Calcium	43-1	-1.13	-2.15	-2.26	-1.85		ppb
Calcium	44-1	0.78	0.34	-1.17	-0.02		ppb
Chromium	52-2	-0.01	0.00	0.01	0.00	1674.02	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	-0.06	-0.05	-0.03	-0.05		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	-0.61	-0.11	0.02	-0.23		ppb
Iron	56-2	0.04	0.02	0.06	0.04	52.91	ppb
Iron	57-2	-1.26	-1.80	-2.66	-1.91		ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.05	0.07	0.06	13.57	ppb
Lead	207-1	0.06	0.05	0.05	0.05	9.21	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 16:37:29	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.05	0.05	0.06	0.05	5.37	ppb
Lithium	6-1				101		%
Magnesium	24-2	-0.48	-0.23	-0.03	-0.25		ppb
Manganese	55-2	0.02	0.01	0.01	0.02	37.86	ppb
Molybdenum	94-1	-0.01	0.01	0.02	0.01	265.75	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	24.42	ppb
Molybdenum	96-1	0.01	0.02	0.02	0.02	39.31	ppb
Molybdenum	97-1	0.01	0.01	0.00	0.01	90.80	ppb
Molybdenum	98-1	0.01	0.01	0.02	0.01	27.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	0.01	0.00		ppb
Phosphorus	31-2	-1.78	0.76	1.02	0.00		ppb
Potassium	39-2	4.50	5.88	11.46	7.28	50.61	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	0.20	0.10	0.25	0.18	42.59	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.58	-0.04	-0.51	-0.38		ppb
Silicon	28-1	-0.89	-0.69	-1.28	-0.95		ppb
Silver	109-1	0.00	0.00	0.00	0.00	16.10	ppb
Silver	107-1	0.01	0.01	0.00	0.01	39.90	ppb
Sodium	23-2	9.75	10.04	9.28	9.69	3.96	ppb
Strontium	86-1	0.01	-0.01	0.00	0.00	617.32	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	102.46	ppb
Sulfur	34-1	-180.06	-152.94	-374.37	-235.79		ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.02	0.02	0.02	0.02	9.76	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	2.16	ppb
Thorium	232-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.00	0.02	0.09	0.04	132.51	ppb
Titanium	47-1	0.01	-0.01	-0.01	0.00		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	69.13	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 16:37:29	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	181.53	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	-0.13	0.01	0.33	0.07	343.37	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	-0.01	-0.02	0.00	-0.01		ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3972-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-07 16:40:55	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1500.45	1426.37	1301.35	1409.39	7.14	ppb
Antimony	121-1	163.18	163.31	160.45	162.31	0.99	ppb
Arsenic	75-2	264.75	252.21	234.96	250.64	5.97	ppb
Barium	135-1	673.13	669.01	660.65	667.60	0.95	ppb
Barium	137-1	670.69	672.47	660.63	667.93	0.96	ppb
Beryllium	9-1	72.59	74.20	73.17	73.32	1.11	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	824.58	843.34	857.21	841.71	1.95	ppb
Boron	11-1	882.29	888.83	908.88	893.33	1.55	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	208.44	208.82	204.36	207.20	1.19	ppb
Cadmium	106-1	162.96	166.40	163.77	164.38	1.09	ppb
Cadmium	108-1	179.24	182.79	175.00	179.01	2.18	ppb
Calcium	43-1	32.15	28.11	34.97	31.74	10.86	ppb
Calcium	44-1	-35.78	-35.24	-35.37	-35.46		ppb
Chromium	52-2	199.08	190.21	173.26	187.52	6.99	ppb
Cobalt	59-2	302.66	286.85	266.77	285.43	6.30	ppb
Copper	63-2	122.39	117.43	107.74	115.85	6.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	54-2	2045.11	1919.10	1785.75	1916.65	6.77	ppb
Iron	56-2	1879.07	1772.01	1611.83	1754.30	7.67	ppb
Iron	57-2	1892.87	1789.04	1649.23	1777.05	6.88	ppb
Krypton	83-1						cps
Lead	206-1	427.09	423.09	418.46	422.88	1.02	ppb
Lead	207-1	409.94	406.01	401.20	405.72	1.08	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3972-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-07 16:40:55	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	442.39	438.99	438.23	439.87	0.50	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.25	-0.51	-0.37	-0.38		ppb
Manganese	55-2	286.39	271.21	252.45	270.02	6.30	ppb
Molybdenum	94-1	133.33	134.41	132.99	133.58	0.56	ppb
Molybdenum	95-1	189.52	193.73	189.18	190.81	1.33	ppb
Molybdenum	96-1	186.29	186.64	184.99	185.98	0.47	ppb
Molybdenum	97-1	195.53	193.22	193.74	194.17	0.62	ppb
Molybdenum	98-1	194.78	192.68	193.63	193.70	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	231.41	220.40	203.94	218.58	6.33	ppb
Phosphorus	31-2	-0.39	-0.42	1.03	0.08	1095.03	ppb
Potassium	39-2	5.08	0.68	4.97	3.57	70.24	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	70.65	69.91	70.65	70.41	0.61	ppb
Selenium	77-2	72.79	67.21	70.34	70.11	3.99	ppb
Selenium	78-2	73.04	67.22	63.03	67.77	7.42	ppb
Silicon	28-1	36.75	37.65	36.94	37.11	1.28	ppb
Silver	109-1	375.74	381.99	367.52	375.09	1.94	ppb
Silver	107-1	367.30	374.67	361.82	367.93	1.75	ppb
Sodium	23-2	27.06	23.68	25.04	25.26	6.75	ppb
Strontium	86-1	38.60	38.27	38.52	38.46	0.45	ppb
Strontium	88-1	38.63	38.06	38.94	38.55	1.16	ppb
Sulfur	34-1	-519.76	-560.48	-644.19	-574.81		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	52.43	50.61	50.84	51.29	1.93	ppb
Thallium	205-1	51.22	50.46	50.93	50.87	0.75	ppb
Thorium	232-1	-0.03	-0.03	-0.02	-0.02		ppb
Tin	118-1	0.02	0.03	0.01	0.02	44.32	ppb
Titanium	47-1	0.06	0.12	0.09	0.09	30.18	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3972-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-07 16:40:55	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	824.75	788.67	720.73	778.05	6.79	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	433.72	410.29	381.71	408.57	6.38	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	2.90	ppb
Zirconium	91-1	0.14	0.19	0.16	0.16	15.12	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3972-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-07 16:44:22	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	59.74	45.11	41.21	48.69	20.07	ppb
Antimony	121-1	0.05	0.04	0.04	0.04	5.97	ppb
Arsenic	75-2	0.00	0.00	-0.02	-0.01		ppb
Barium	135-1	0.12	0.07	0.11	0.10	28.28	ppb
Barium	137-1	0.08	0.08	0.08	0.08	1.86	ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	105.83	ppb
Bismuth	209-1				100		%
Bismuth	209-2				85		%
Boron	10-1	128.70	128.44	125.77	127.64	1.27	ppb
Boron	11-1	139.03	138.99	136.59	138.20	1.01	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.01	-0.03	-0.05	-0.03		ppb
Cadmium	106-1	0.08	-0.45	-0.62	-0.33		ppb
Cadmium	108-1	0.21	0.10	0.17	0.16	33.56	ppb
Calcium	43-1	3.37	3.64	1.53	2.85	40.37	ppb
Calcium	44-1	8.39	10.14	7.97	8.84	13.02	ppb
Chromium	52-2	0.52	0.39	0.35	0.42	21.50	ppb
Cobalt	59-2	0.05	0.04	0.03	0.04	27.75	ppb
Copper	63-2	0.06	0.03	0.03	0.04	42.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				91		%
Indium	115-1				102		%
Indium	115-2				90		%
Iron	54-2	187.22	145.72	130.84	154.59	18.90	ppb
Iron	56-2	184.72	145.80	126.97	152.49	19.31	ppb
Iron	57-2	170.88	146.99	129.86	149.24	13.81	ppb
Krypton	83-1						cps
Lead	206-1	0.39	0.41	0.40	0.40	2.34	ppb
Lead	207-1	0.34	0.40	0.39	0.38	8.52	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3972-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-07 16:44:22	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.38	0.39	0.41	0.39	3.37	ppb
Lithium	6-1				102		%
Magnesium	24-2	4.41	2.54	2.78	3.24	31.49	ppb
Manganese	55-2	0.12	0.09	0.10	0.10	12.27	ppb
Molybdenum	94-1	1.05	1.18	0.97	1.07	9.74	ppb
Molybdenum	95-1	0.09	0.09	0.09	0.09	3.45	ppb
Molybdenum	96-1	0.21	0.20	0.20	0.21	3.47	ppb
Molybdenum	97-1	0.07	0.09	0.10	0.09	13.33	ppb
Molybdenum	98-1	0.10	0.07	0.09	0.09	16.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.27	0.24	0.21	0.24	12.85	ppb
Phosphorus	31-2	1.47	0.30	2.77	1.51	81.47	ppb
Potassium	39-2	51.98	12.45	10.15	24.86	94.59	ppb
Rhodium	103-1				104		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				89		%
Selenium	82-1	-0.11	0.20	0.31	0.13	166.62	ppb
Selenium	77-2	0.23	0.00	0.20	0.14	87.42	ppb
Selenium	78-2	-0.42	-0.10	-0.77	-0.43		ppb
Silicon	28-1	633.21	631.62	639.36	634.73	0.64	ppb
Silver	109-1	0.03	0.03	0.03	0.03	12.98	ppb
Silver	107-1	0.03	0.03	0.03	0.03	7.12	ppb
Sodium	23-2	160.32	125.35	114.20	133.29	18.05	ppb
Strontium	86-1	0.00	0.00	0.00	0.00	186.60	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	15.89	ppb
Sulfur	34-1	-635.21	-731.67	-775.56	-714.15		ppb
Terbium	159-1				102		%
Terbium	159-2				93		%
Thallium	203-1	0.09	0.10	0.10	0.10	9.41	ppb
Thallium	205-1	0.11	0.11	0.11	0.11	4.32	ppb
Thorium	232-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	914.32	892.15	893.52	900.00	1.38	ppb
Titanium	47-1	127.78	127.56	129.28	128.21	0.73	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	245.06	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3972-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-07 16:44:22	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.03	0.02	0.02	0.03	16.31	ppb
Yttrium	89-1				103		%
Yttrium	89-2				92		%
Zinc	66-2	0.60	0.59	0.84	0.68	21.37	ppb
Zirconium	90-1	0.69	0.66	0.67	0.67	2.47	ppb
Zirconium	91-1	0.68	0.63	0.63	0.65	4.68	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3972-06DL2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL2	Dilution Factor :	5
Date & Time Acquired ::	2020-10-07 16:47:50	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.55	-0.37	0.19	-0.24		ppb
Antimony	121-1	0.01	0.00	0.01	0.01	48.46	ppb
Arsenic	75-2	-0.02	-0.02	-0.02	-0.02		ppb
Barium	135-1	0.05	0.08	0.08	0.07	19.98	ppb
Barium	137-1	0.08	0.08	0.07	0.07	9.24	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	23.56	23.04	21.45	22.68	4.85	ppb
Boron	11-1	23.91	24.01	22.44	23.45	3.76	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.10	0.02	0.01	0.05	105.51	ppb
Cadmium	106-1	1.24	0.26	0.08	0.52	118.75	ppb
Cadmium	108-1	-0.03	0.03	-0.02	-0.01		ppb
Calcium	43-1	4144.20	4135.77	4185.26	4155.08	0.64	ppb
Calcium	44-1	4181.22	4155.08	4149.21	4161.84	0.41	ppb
Chromium	52-2	-0.02	-0.02	-0.02	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.08	-0.09	-0.06	-0.07		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	54-2	-1.21	-1.37	-1.47	-1.35		ppb
Iron	56-2	-0.58	-0.61	-0.50	-0.57		ppb
Iron	57-2	23.41	24.17	24.84	24.14	2.97	ppb
Krypton	83-1						cps
Lead	206-1	0.29	0.30	0.31	0.30	4.04	ppb
Lead	207-1	0.28	0.28	0.28	0.28	1.17	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3972-06DL2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL2	Dilution Factor :	5
Date & Time Acquired ::	2020-10-07 16:47:50	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.28	0.30	0.30	0.29	3.04	ppb
Lithium	6-1				104		%
Magnesium	24-2	7077.22	6904.17	6720.58	6900.66	2.58	ppb
Manganese	55-2	0.04	0.04	0.03	0.04	7.87	ppb
Molybdenum	94-1	0.05	0.07	0.05	0.06	18.34	ppb
Molybdenum	95-1	0.07	0.08	0.10	0.08	22.86	ppb
Molybdenum	96-1	0.07	0.08	0.08	0.08	5.50	ppb
Molybdenum	97-1	0.08	0.07	0.07	0.07	8.37	ppb
Molybdenum	98-1	0.08	0.08	0.09	0.09	1.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	0.00	0.00	385.13	ppb
Phosphorus	31-2	-6.48	0.62	-5.13	-3.67		ppb
Potassium	39-2	5905.25	5813.47	5798.19	5838.97	0.99	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	82-1	0.29	-0.17	-0.43	-0.11		ppb
Selenium	77-2	0.19	0.00	0.00	0.06	173.21	ppb
Selenium	78-2	-0.54	-0.62	-0.43	-0.53		ppb
Silicon	28-1	-4.04	-4.64	-4.11	-4.26		ppb
Silver	109-1	0.01	0.01	0.01	0.01	20.19	ppb
Silver	107-1	0.01	0.01	0.01	0.01	26.59	ppb
Sodium	23-2	8448.16	8354.44	8167.62	8323.41	1.72	ppb
Strontium	86-1	0.41	0.44	0.47	0.44	7.24	ppb
Strontium	88-1	0.45	0.44	0.44	0.45	1.35	ppb
Sulfur	34-1	-887.46	-955.89	-796.97	-880.11		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.11	0.09	0.11	0.10	13.79	ppb
Thallium	205-1	0.11	0.10	0.11	0.11	4.77	ppb
Thorium	232-1	-0.03	-0.02	-0.03	-0.03		ppb
Tin	118-1	0.11	0.11	0.07	0.10	22.58	ppb
Titanium	47-1	0.05	0.04	0.02	0.04	34.46	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3972-06DL2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL2	Dilution Factor :	5
Date & Time Acquired ::	2020-10-07 16:47:50	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.01	0.00	0.01	75.04	ppb
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	0.03	0.06	0.31	0.13	113.84	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb
Zirconium	91-1	-0.01	0.01	0.00	0.00	921.94	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3972-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-07 16:54:52	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.04	-0.70	-0.37	-0.34		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	39.00	ppb
Arsenic	75-2	-0.02	-0.02	-0.02	-0.02		ppb
Barium	135-1	0.18	0.16	0.18	0.17	8.35	ppb
Barium	137-1	0.17	0.14	0.14	0.15	12.49	ppb
Beryllium	9-1	0.00	-0.01	-0.01	0.00		ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	9.98	9.80	10.44	10.07	3.25	ppb
Boron	11-1	11.66	11.94	10.98	11.53	4.26	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.08	-0.01	0.09	0.00		ppb
Cadmium	106-1	-1.07	-0.05	0.98	-0.04		ppb
Cadmium	108-1	-0.04	0.05	-0.05	-0.01		ppb
Calcium	43-1	9986.91	9915.30	10127.46	10009.89	1.08	ppb
Calcium	44-1	9739.46	9397.21	9680.53	9605.73	1.90	ppb
Chromium	52-2	-0.05	-0.05	-0.05	-0.05		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	44.90	ppb
Copper	63-2	-0.09	-0.08	-0.12	-0.09		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				106		%
Indium	115-1				112		%
Indium	115-2				106		%
Iron	54-2	-2.88	-2.92	-2.62	-2.81		ppb
Iron	56-2	-0.57	-0.59	-0.50	-0.55		ppb
Iron	57-2	59.63	59.45	56.37	58.48	3.13	ppb
Krypton	83-1						cps
Lead	206-1	0.30	0.32	0.33	0.32	6.16	ppb
Lead	207-1	0.30	0.32	0.32	0.31	3.48	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3972-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-07 16:54:52	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.31	0.32	0.33	0.32	3.26	ppb
Lithium	6-1				110		%
Magnesium	24-2	16681.59	16290.38	16229.98	16400.65	1.49	ppb
Manganese	55-2	0.05	0.06	0.04	0.05	23.35	ppb
Molybdenum	94-1	0.10	0.10	0.14	0.11	17.29	ppb
Molybdenum	95-1	0.20	0.18	0.19	0.19	6.87	ppb
Molybdenum	96-1	0.17	0.16	0.16	0.16	5.42	ppb
Molybdenum	97-1	0.15	0.17	0.18	0.16	10.04	ppb
Molybdenum	98-1	0.17	0.19	0.18	0.18	6.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.04	0.02	0.03	31.97	ppb
Phosphorus	31-2	0.02	-3.77	-1.91	-1.89		ppb
Potassium	39-2	13616.19	13320.52	13209.15	13381.95	1.57	ppb
Rhodium	103-1				111		%
Rhodium	103-2				110		%
Scandium	45-1				109		%
Scandium	45-2				105		%
Selenium	82-1	-0.14	-0.07	-0.16	-0.13		ppb
Selenium	77-2	0.00	0.00	0.37	0.12	173.21	ppb
Selenium	78-2	-0.30	-0.78	-0.22	-0.43		ppb
Silicon	28-1	-9.46	-9.84	-9.02	-9.44		ppb
Silver	109-1	0.00	0.00	0.00	0.00	37.94	ppb
Silver	107-1	0.01	0.01	0.01	0.01	36.45	ppb
Sodium	23-2	20212.55	19780.89	19712.04	19901.83	1.36	ppb
Strontium	86-1	1.02	1.08	0.91	1.00	8.44	ppb
Strontium	88-1	1.06	1.06	1.04	1.05	1.15	ppb
Sulfur	34-1	-912.40	-1121.44	-790.61	-941.49		ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	0.09	0.10	0.10	0.09	7.77	ppb
Thallium	205-1	0.08	0.08	0.08	0.08	2.28	ppb
Thorium	232-1	-0.03	-0.03	-0.03	-0.03		ppb
Tin	118-1	-0.02	0.00	0.00	-0.01		ppb
Titanium	47-1	0.01	0.01	0.03	0.02	54.53	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3972-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-07 16:54:52	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	51.10	ppb
Yttrium	89-1				112		%
Yttrium	89-2				107		%
Zinc	66-2	-0.06	-0.04	-0.06	-0.05		ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	0.00	-0.01	-0.01	0.00		ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	PB131559BL	Instrumnet Name :	P7
Client Sample ID :	PB131559BL	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 17:02:43	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.06	-0.60	-0.15	-0.27		ppb
Antimony	121-1	0.01	0.00	0.01	0.00	46.06	ppb
Arsenic	75-2	-0.02	-0.02	-0.03	-0.02		ppb
Barium	135-1	-0.01	-0.01	-0.01	-0.01		ppb
Barium	137-1	0.01	0.00	0.01	0.00	81.62	ppb
Beryllium	9-1	-0.01	-0.01	0.00	-0.01		ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	10-1	9.47	8.90	8.55	8.97	5.19	ppb
Boron	11-1	8.70	8.56	9.31	8.86	4.50	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.02	-0.04	0.00	-0.02		ppb
Cadmium	106-1	-0.12	-0.45	0.12	-0.15		ppb
Cadmium	108-1	0.04	0.00	0.01	0.02	101.95	ppb
Calcium	43-1	-2.68	-2.30	-2.16	-2.38		ppb
Calcium	44-1	-1.87	-1.89	-0.66	-1.47		ppb
Chromium	52-2	-0.02	0.00	0.01	0.00		ppb
Cobalt	59-2	0.00	-0.01	-0.01	0.00		ppb
Copper	63-2	-0.05	-0.08	-0.05	-0.06		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				97		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	54-2	-0.63	-0.83	-0.96	-0.80		ppb
Iron	56-2	-0.62	-0.59	-0.33	-0.51		ppb
Iron	57-2	-1.52	-2.22	-2.37	-2.03		ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.12	0.10	0.10	10.17	ppb
Lead	207-1	0.10	0.11	0.10	0.10	9.08	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	PB131559BL	Instrumnet Name :	P7
Client Sample ID :	PB131559BL	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 17:02:43	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.09	0.11	0.10	0.10	6.81	ppb
Lithium	6-1				99		%
Magnesium	24-2	-1.54	-1.65	-1.37	-1.52		ppb
Manganese	55-2	0.00	0.00	-0.01	-0.01		ppb
Molybdenum	94-1	0.01	0.00	0.00	0.00	355.06	ppb
Molybdenum	95-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	96-1	-0.01	0.01	0.00	0.00		ppb
Molybdenum	97-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	59.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	0.00	0.00		ppb
Phosphorus	31-2	1.41	1.38	-0.63	0.72	163.09	ppb
Potassium	39-2	6.68	3.01	2.25	3.98	59.49	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	82-1	0.21	-0.08	-0.05	0.03	622.70	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.91	-0.60	-0.67	-0.73		ppb
Silicon	28-1	-1.82	-1.94	-1.79	-1.85		ppb
Silver	109-1	0.00	0.00	0.00	0.00	16.95	ppb
Silver	107-1	0.00	0.01	0.00	0.00	46.27	ppb
Sodium	23-2	9.26	10.12	10.71	10.03	7.25	ppb
Strontium	86-1	-0.02	-0.02	-0.01	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	39.48	93.62	115.09	82.73	47.10	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.06	0.07	0.08	0.07	16.43	ppb
Thallium	205-1	0.07	0.08	0.08	0.08	3.22	ppb
Thorium	232-1	-0.03	-0.03	-0.03	-0.03		ppb
Tin	118-1	-0.02	0.03	0.01	0.01	292.21	ppb
Titanium	47-1	-0.03	-0.01	0.01	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	PB131559BL	Instrumnet Name :	P7
Client Sample ID :	PB131559BL	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 17:02:43	DataFile Name :	041CCBE.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				101		%
Yttrium	89-2				97		%
Zinc	66-2	-0.09	0.12	0.43	0.15	173.44	ppb
Zirconium	90-1	0.01	-0.01	-0.01	0.00		ppb
Zirconium	91-1	-0.01	-0.01	0.00	0.00		ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	PB131555BL	Instrumnet Name :	P7
Client Sample ID :	PB131555BL	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 17:06:10	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.07	-0.11	0.10	-0.03		ppb
Antimony	121-1	0.01	0.00	0.00	0.01	23.46	ppb
Arsenic	75-2	-0.02	-0.02	-0.02	-0.02		ppb
Barium	135-1	0.00	0.00	0.00	0.00	113.93	ppb
Barium	137-1	0.01	0.01	0.00	0.00	16.78	ppb
Beryllium	9-1	-0.01	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	10-1	7.16	6.88	6.91	6.98	2.22	ppb
Boron	11-1	7.43	7.52	7.37	7.44	1.04	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.03	-0.03	0.12	0.02	411.11	ppb
Cadmium	106-1	-0.39	-0.27	1.48	0.27	383.64	ppb
Cadmium	108-1	-0.02	-0.03	-0.06	-0.03		ppb
Calcium	43-1	-1.38	-2.38	-2.07	-1.94		ppb
Calcium	44-1	-0.79	0.61	-1.13	-0.44		ppb
Chromium	52-2	-0.02	0.00	-0.02	-0.01		ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	-0.07	-0.07	-0.05	-0.06		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	54-2	-0.66	0.10	0.19	-0.12		ppb
Iron	56-2	-0.61	-0.59	-0.54	-0.58		ppb
Iron	57-2	-2.26	-3.79	-1.68	-2.58		ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.06	0.07	0.07	12.46	ppb
Lead	207-1	0.07	0.06	0.06	0.06	10.53	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	PB131555BL	Instrumnet Name :	P7
Client Sample ID :	PB131555BL	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 17:06:10	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.07	0.07	0.06	0.07	9.05	ppb
Lithium	6-1				100		%
Magnesium	24-2	-1.18	-1.48	-1.43	-1.36		ppb
Manganese	55-2	0.01	-0.01	0.01	0.00	222.26	ppb
Molybdenum	94-1	0.01	-0.02	0.01	0.00	1891.17	ppb
Molybdenum	95-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	637.91	ppb
Molybdenum	97-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	131.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	0.00	0.00		ppb
Phosphorus	31-2	-1.47	-2.10	-2.91	-2.16		ppb
Potassium	39-2	8.55	6.59	0.91	5.35	74.15	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	82-1	-0.08	0.07	0.06	0.02	494.20	ppb
Selenium	77-2	0.00	0.20	0.00	0.07	173.21	ppb
Selenium	78-2	-0.28	-0.42	-0.73	-0.47		ppb
Silicon	28-1	-2.99	-2.46	-2.73	-2.73		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.00	0.00	0.00	17.02	ppb
Sodium	23-2	11.24	9.89	7.92	9.68	17.24	ppb
Strontium	86-1	-0.03	-0.01	0.03	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-75.80	-52.14	-44.88	-57.61		ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.05	0.05	0.05	0.05	8.75	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	1.41	ppb
Thorium	232-1	-0.03	-0.03	-0.03	-0.03		ppb
Tin	118-1	0.00	0.02	0.00	0.01	199.12	ppb
Titanium	47-1	-0.01	0.01	0.02	0.01	279.02	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	PB131555BL	Instrumnet Name :	P7
Client Sample ID :	PB131555BL	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 17:06:10	DataFile Name :	042CCBE.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				101		%
Yttrium	89-2				98		%
Zinc	66-2	0.15	0.20	0.54	0.30	73.23	ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00		ppb
Zirconium	91-1	-0.01	-0.01	0.01	0.00		ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	PB131559BS	Instrumnet Name :	P7
Client Sample ID :	PB131559BS	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 17:09:38	DataFile Name :	043DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11116.93	11107.08	10947.94	11057.32	0.86	ppb
Antimony	121-1	511.30	500.34	496.31	502.65	1.54	ppb
Arsenic	75-2	508.14	502.65	496.98	502.59	1.11	ppb
Barium	135-1	2515.88	2485.11	2500.21	2500.40	0.62	ppb
Barium	137-1	2500.31	2471.64	2474.04	2482.00	0.64	ppb
Beryllium	9-1	508.11	497.93	492.68	499.57	1.57	ppb
Bismuth	209-1				96		%
Bismuth	209-2				87		%
Boron	10-1	490.45	491.68	489.14	490.43	0.26	ppb
Boron	11-1	491.88	488.81	486.93	489.21	0.51	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	483.90	480.90	473.10	479.30	1.16	ppb
Cadmium	106-1	489.78	482.20	473.50	481.83	1.69	ppb
Cadmium	108-1	490.42	479.69	481.77	483.96	1.18	ppb
Calcium	43-1	53739.26	52571.52	52880.73	53063.84	1.14	ppb
Calcium	44-1	50352.25	49717.38	49938.80	50002.81	0.64	ppb
Chromium	52-2	510.22	502.23	496.31	502.92	1.39	ppb
Cobalt	59-2	510.68	505.17	496.97	504.28	1.37	ppb
Copper	63-2	5194.91	5150.33	5085.97	5143.74	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	54-2	29883.35	29091.63	28826.56	29267.18	1.88	ppb
Iron	56-2	29262.61	28718.56	28340.88	28774.02	1.61	ppb
Iron	57-2	29280.20	29034.75	28693.53	29002.82	1.02	ppb
Krypton	83-1						cps
Lead	206-1	2456.20	2472.75	2457.74	2462.23	0.37	ppb
Lead	207-1	2485.37	2452.96	2467.26	2468.53	0.66	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	PB131559BS	Instrumnet Name :	P7
Client Sample ID :	PB131559BS	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 17:09:38	DataFile Name :	043DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	2486.07	2480.55	2458.11	2474.91	0.60	ppb
Lithium	6-1				96		%
Magnesium	24-2	55767.75	55038.82	54012.73	54939.77	1.60	ppb
Manganese	55-2	5232.59	5156.32	5077.83	5155.58	1.50	ppb
Molybdenum	94-1	2440.27	2490.15	2490.22	2473.54	1.17	ppb
Molybdenum	95-1	2429.19	2467.31	2474.75	2457.08	0.99	ppb
Molybdenum	96-1	2473.60	2508.78	2468.98	2483.79	0.88	ppb
Molybdenum	97-1	2468.09	2502.58	2447.67	2472.78	1.12	ppb
Molybdenum	98-1	2446.60	2485.84	2485.73	2472.73	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	520.60	513.37	503.65	512.54	1.66	ppb
Phosphorus	31-2	10251.46	10251.96	9934.99	10146.14	1.80	ppb
Potassium	39-2	26919.28	26565.10	26354.73	26613.04	1.07	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				92		%
Selenium	82-1	497.13	497.16	492.99	495.76	0.48	ppb
Selenium	77-2	506.78	507.71	490.66	501.72	1.91	ppb
Selenium	78-2	505.96	500.98	501.90	502.95	0.53	ppb
Silicon	28-1	611.19	616.79	626.14	618.04	1.22	ppb
Silver	109-1	508.86	502.10	494.98	501.98	1.38	ppb
Silver	107-1	502.97	500.01	503.26	502.08	0.36	ppb
Sodium	23-2	55362.04	54804.47	53848.99	54671.84	1.40	ppb
Strontium	86-1	483.82	490.04	483.98	485.95	0.73	ppb
Strontium	88-1	498.01	499.51	491.67	496.40	0.84	ppb
Sulfur	34-1	9824.31	9455.51	9560.61	9613.48	1.98	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	454.09	497.29	495.98	482.45	5.09	ppb
Thallium	205-1	494.72	497.02	495.16	495.63	0.25	ppb
Thorium	232-1	484.85	483.00	487.98	485.28	0.52	ppb
Tin	118-1	500.29	493.82	497.54	497.22	0.65	ppb
Titanium	47-1	2518.28	2463.65	2460.90	2480.94	1.30	ppb
Uranium	238-1	483.96	478.76	475.89	479.53	0.85	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	PB131559BS	Instrumnet Name :	P7
Client Sample ID :	PB131559BS	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 17:09:38	DataFile Name :	043DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	505.46	499.18	494.39	499.68	1.11	ppb
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	4825.67	4764.36	4743.20	4777.75	0.90	ppb
Zirconium	90-1	495.96	498.12	490.81	494.96	0.76	ppb
Zirconium	91-1	486.78	491.67	488.34	488.93	0.51	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	PB131555BS	Instrumnet Name :	P7
Client Sample ID :	PB131555BS	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 17:26:29	DataFile Name :	047DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10616.52	10584.99	10431.13	10544.21	0.94	ppb
Antimony	121-1	441.21	446.85	460.50	449.52	2.21	ppb
Arsenic	75-2	463.65	462.45	456.54	460.88	0.82	ppb
Barium	135-1	2276.52	2289.52	2247.63	2271.22	0.94	ppb
Barium	137-1	2248.36	2271.45	2270.87	2263.56	0.58	ppb
Beryllium	9-1	454.31	452.91	454.00	453.74	0.16	ppb
Bismuth	209-1				98		%
Bismuth	209-2				88		%
Boron	10-1	462.65	468.33	465.73	465.57	0.61	ppb
Boron	11-1	458.37	467.91	468.59	464.96	1.23	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	431.50	444.34	435.03	436.96	1.52	ppb
Cadmium	106-1	436.44	439.39	433.43	436.42	0.68	ppb
Cadmium	108-1	427.44	440.67	432.70	433.61	1.54	ppb
Calcium	43-1	48014.89	48846.05	48272.15	48377.70	0.88	ppb
Calcium	44-1	46126.88	47248.81	45952.49	46442.73	1.51	ppb
Chromium	52-2	469.35	468.06	457.71	465.04	1.37	ppb
Cobalt	59-2	475.14	468.35	460.81	468.10	1.53	ppb
Copper	63-2	4766.07	4796.55	4664.06	4742.23	1.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	54-2	27439.83	27184.40	26712.99	27112.41	1.36	ppb
Iron	56-2	27075.55	26464.65	26435.83	26658.68	1.36	ppb
Iron	57-2	27215.71	26873.10	26485.41	26858.08	1.36	ppb
Krypton	83-1						cps
Lead	206-1	2237.22	2223.58	2245.12	2235.31	0.49	ppb
Lead	207-1	2267.13	2269.53	2231.12	2255.92	0.95	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	PB131555BS	Instrumnet Name :	P7
Client Sample ID :	PB131555BS	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 17:26:29	DataFile Name :	047DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	2266.74	2270.40	2252.98	2263.38	0.41	ppb
Lithium	6-1				94		%
Magnesium	24-2	50990.56	50945.38	50583.29	50839.74	0.44	ppb
Manganese	55-2	4869.93	4765.83	4697.95	4777.90	1.81	ppb
Molybdenum	94-1	2307.08	2259.42	2262.84	2276.45	1.17	ppb
Molybdenum	95-1	2288.46	2268.08	2266.81	2274.45	0.53	ppb
Molybdenum	96-1	2316.23	2282.31	2249.48	2282.67	1.46	ppb
Molybdenum	97-1	2297.24	2267.01	2246.52	2270.26	1.12	ppb
Molybdenum	98-1	2303.12	2256.06	2264.56	2274.58	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	480.53	471.36	465.71	472.53	1.58	ppb
Phosphorus	31-2	9244.51	9154.71	9036.71	9145.31	1.14	ppb
Potassium	39-2	24442.24	24609.52	24343.21	24464.99	0.55	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				94		%
Scandium	45-2				91		%
Selenium	82-1	452.87	450.83	450.07	451.25	0.32	ppb
Selenium	77-2	459.29	463.96	459.11	460.79	0.60	ppb
Selenium	78-2	467.70	463.89	457.85	463.15	1.07	ppb
Silicon	28-1	444.02	454.54	450.73	449.76	1.18	ppb
Silver	109-1	458.36	468.73	459.98	462.36	1.21	ppb
Silver	107-1	456.56	462.99	460.43	460.00	0.70	ppb
Sodium	23-2	50837.90	50376.02	50855.65	50689.86	0.54	ppb
Strontium	86-1	451.36	447.18	442.89	447.15	0.95	ppb
Strontium	88-1	463.51	455.67	453.15	457.44	1.18	ppb
Sulfur	34-1	7804.06	8116.86	7838.67	7919.87	2.17	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	417.41	417.59	412.39	415.80	0.71	ppb
Thallium	205-1	447.38	450.11	453.82	450.44	0.72	ppb
Thorium	232-1	442.16	443.57	434.80	440.18	1.07	ppb
Tin	118-1	445.40	451.70	448.76	448.62	0.70	ppb
Titanium	47-1	2314.33	2316.52	2219.79	2283.55	2.42	ppb
Uranium	238-1	432.83	436.05	425.64	431.50	1.23	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	PB131555BS	Instrumnet Name :	P7
Client Sample ID :	PB131555BS	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 17:26:29	DataFile Name :	047DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	464.50	463.96	455.85	461.44	1.05	ppb
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	4483.52	4435.64	4374.02	4431.06	1.24	ppb
Zirconium	90-1	453.25	455.33	451.76	453.45	0.40	ppb
Zirconium	91-1	450.75	444.25	446.69	447.23	0.73	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 17:29:44	DataFile Name :	048CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53077.40	51108.57	51565.66	51917.21	1.98	ppb
Antimony	121-1	486.43	484.20	497.46	489.37	1.45	ppb
Arsenic	75-2	483.59	483.92	479.01	482.17	0.57	ppb
Barium	135-1	2423.19	2423.11	2465.05	2437.12	0.99	ppb
Barium	137-1	2420.58	2440.91	2476.08	2445.86	1.15	ppb
Beryllium	9-1	487.86	496.72	484.12	489.56	1.32	ppb
Bismuth	209-1				90		%
Bismuth	209-2				78		%
Boron	10-1	510.15	520.79	511.92	514.29	1.11	ppb
Boron	11-1	507.14	518.51	519.24	514.96	1.32	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	494.96	493.51	508.78	499.08	1.69	ppb
Cadmium	106-1	493.87	494.68	500.88	496.48	0.77	ppb
Cadmium	108-1	497.09	495.79	505.13	499.34	1.01	ppb
Calcium	43-1	240311.68	243463.50	241851.91	241875.70	0.65	ppb
Calcium	44-1	243633.88	244628.26	241253.87	243172.00	0.71	ppb
Chromium	52-2	495.79	489.22	484.74	489.92	1.13	ppb
Cobalt	59-2	488.50	480.93	476.90	482.11	1.22	ppb
Copper	63-2	5112.05	4955.70	4987.17	5018.31	1.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				97		%
Indium	115-1				96		%
Indium	115-2				91		%
Iron	54-2	133502.86	130321.43	130461.80	131428.70	1.37	ppb
Iron	56-2	132168.49	130044.44	128814.69	130342.54	1.30	ppb
Iron	57-2	133721.65	130238.15	129755.76	131238.52	1.65	ppb
Krypton	83-1						cps
Lead	206-1	2452.94	2486.28	2454.21	2464.47	0.77	ppb
Lead	207-1	2493.66	2480.02	2503.24	2492.31	0.47	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 17:29:44	DataFile Name :	048CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	2505.76	2495.54	2507.61	2502.97	0.26	ppb
Lithium	6-1				93		%
Magnesium	24-2	271017.08	263297.09	260418.85	264911.00	2.07	ppb
Manganese	55-2	5097.65	4993.92	4988.50	5026.69	1.22	ppb
Molybdenum	94-1	2461.60	2486.02	2494.80	2480.81	0.69	ppb
Molybdenum	95-1	2451.32	2433.01	2456.32	2446.88	0.50	ppb
Molybdenum	96-1	2461.44	2438.39	2467.68	2455.84	0.63	ppb
Molybdenum	97-1	2471.51	2444.19	2443.56	2453.08	0.65	ppb
Molybdenum	98-1	2464.54	2426.28	2451.20	2447.34	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	483.74	475.43	471.34	476.83	1.33	ppb
Phosphorus	31-2	10076.14	9848.36	9758.94	9894.48	1.65	ppb
Potassium	39-2	131710.77	129461.65	129207.46	130126.63	1.06	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	82-1	473.42	472.78	472.17	472.79	0.13	ppb
Selenium	77-2	491.54	490.82	459.27	480.54	3.83	ppb
Selenium	78-2	498.58	489.52	489.19	492.43	1.08	ppb
Silicon	28-1	436.65	442.45	439.84	439.64	0.66	ppb
Silver	109-1	471.84	464.49	477.35	471.23	1.37	ppb
Silver	107-1	471.15	464.42	478.72	471.43	1.52	ppb
Sodium	23-2	267867.26	261294.55	259343.44	262835.08	1.70	ppb
Strontium	86-1	480.65	476.36	478.64	478.55	0.45	ppb
Strontium	88-1	493.17	492.59	492.93	492.90	0.06	ppb
Sulfur	34-1	8448.77	8716.29	8590.97	8585.35	1.56	ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	459.87	464.67	463.58	462.71	0.54	ppb
Thallium	205-1	495.49	507.38	496.11	499.66	1.34	ppb
Thorium	232-1	518.69	510.87	515.53	515.03	0.76	ppb
Tin	118-1	485.96	476.92	484.62	482.50	1.01	ppb
Titanium	47-1	2450.99	2441.49	2442.16	2444.88	0.22	ppb
Uranium	238-1	498.78	496.14	502.31	499.08	0.62	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 17:29:44	DataFile Name :	048CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	502.60	495.38	489.89	495.96	1.28	ppb
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	5194.17	5108.31	5099.65	5134.04	1.02	ppb
Zirconium	90-1	499.01	498.49	492.25	496.58	0.76	ppb
Zirconium	91-1	490.99	487.15	489.21	489.12	0.39	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 17:47:10	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.36	0.52	0.78	0.55	38.31	ppb
Antimony	121-1	0.03	0.03	0.02	0.03	19.08	ppb
Arsenic	75-2	-0.01	0.01	0.00	0.00		ppb
Barium	135-1	0.06	0.03	0.05	0.05	35.56	ppb
Barium	137-1	0.07	0.05	0.09	0.07	27.37	ppb
Beryllium	9-1	0.02	0.01	0.03	0.02	38.78	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	9.14	9.77	9.39	9.43	3.35	ppb
Boron	11-1	11.03	10.52	10.53	10.69	2.75	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.02	-0.02	-0.14	-0.06		ppb
Cadmium	106-1	-0.43	-0.23	-1.84	-0.83		ppb
Cadmium	108-1	-0.03	0.01	-0.03	-0.02		ppb
Calcium	43-1	1.95	0.93	2.03	1.64	37.33	ppb
Calcium	44-1	2.48	3.33	3.51	3.11	17.64	ppb
Chromium	52-2	-0.01	0.01	0.02	0.01	177.60	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	32.64	ppb
Copper	63-2	0.06	0.06	0.06	0.06	1.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				100		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	54-2	2.07	2.03	1.86	1.99	5.73	ppb
Iron	56-2	1.70	1.88	1.62	1.73	7.92	ppb
Iron	57-2	-0.32	-0.15	0.65	0.06	857.94	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.11	0.14	0.12	14.75	ppb
Lead	207-1	0.13	0.11	0.11	0.12	7.55	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 17:47:10	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.12	0.12	0.12	0.12	2.03	ppb
Lithium	6-1				99		%
Magnesium	24-2	4.07	3.65	2.75	3.49	19.40	ppb
Manganese	55-2	0.14	0.15	0.11	0.13	13.83	ppb
Molybdenum	94-1	0.07	0.06	0.06	0.06	10.12	ppb
Molybdenum	95-1	0.05	0.07	0.06	0.06	15.43	ppb
Molybdenum	96-1	0.07	0.06	0.05	0.06	17.12	ppb
Molybdenum	97-1	0.07	0.06	0.05	0.06	20.11	ppb
Molybdenum	98-1	0.06	0.06	0.06	0.06	2.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.01	0.02	0.01	143.12	ppb
Phosphorus	31-2	0.66	-2.61	-3.89	-1.95		ppb
Potassium	39-2	7.55	6.56	6.52	6.88	8.49	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	0.46	0.25	0.41	0.38	29.33	ppb
Selenium	77-2	0.00	0.19	0.19	0.13	86.60	ppb
Selenium	78-2	-0.61	0.14	-0.31	-0.26		ppb
Silicon	28-1	-1.49	-2.39	-1.28	-1.72		ppb
Silver	109-1	0.01	0.01	0.02	0.01	37.15	ppb
Silver	107-1	0.02	0.02	0.02	0.02	4.66	ppb
Sodium	23-2	20.97	20.14	20.14	20.42	2.34	ppb
Strontium	86-1	0.00	0.04	0.00	0.02	165.39	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	26.08	ppb
Sulfur	34-1	-1089.42	-1170.81	-931.56	-1063.93		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.02	0.01	0.01	23.94	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	18.47	ppb
Thorium	232-1	-0.01	-0.02	-0.01	-0.02		ppb
Tin	118-1	0.02	0.03	0.02	0.03	8.25	ppb
Titanium	47-1	0.06	0.03	0.02	0.04	60.55	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	5.38	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 17:47:10	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.01	0.02	0.01	27.05	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	0.35	0.42	0.61	0.46	30.34	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	48.47	ppb
Zirconium	91-1	0.02	0.00	0.03	0.02	72.55	ppb

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 13:19:09	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	283	150	233	222	30.31	cps
Antimony	121-1	83	50	33	56	45.83	cps
Arsenic	75-2	13	9	28	17	58.80	cps
Barium	135-1	67	50	25	47	44.41	cps
Barium	137-1	17	92	42	50	76.37	cps
Beryllium	9-1	72	33	78	61	39.63	cps
Bismuth	209-1	13299513	13067106	13210209	13192276	0.89	cps
Bismuth	209-2	7767783	7776353	7722718	7755618	0.37	cps
Boron	10-1	542	434	476	484	11.33	cps
Boron	11-1	2342	2359	2342	2347	0.41	cps
Bromine	81-1	52672	52638	52613	52641	0.06	cps
Bromine	81-2	150	150	130	143	8.06	cps
Cadmium	111-1	8067	8161	7999	8076	1.01	cps
Cadmium	106-1	11547	11655	11388	11530	1.16	cps
Cadmium	108-1	46	21	21	29	49.49	cps
Calcium	43-1	367	433	408	403	8.36	cps
Calcium	44-1	21502	22178	22494	22058	2.30	cps
Chromium	52-2	1070	1205	1218	1164	7.06	cps
Cobalt	59-2	163	123	120	136	17.79	cps
Copper	63-2	2234	2234	2257	2241	0.60	cps
Dysprosium	156-1	33	42	25	33	25.01	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	50	108	75	78	37.63	cps
Erbium	164-2	50	43	43	46	8.45	cps
Gadolinium	160-1	142	133	150	142	5.88	cps
Gadolinium	160-2	533	550	557	547	2.20	cps
Holmium	165-1	19544112	19450589	19990167	19661623	1.47	cps
Holmium	165-2	10385274	10323930	10381309	10363504	0.33	cps
Indium	115-1	15902578	16034429	16136154	16024387	0.73	cps
Indium	115-2	3613948	3595104	3586334	3598462	0.39	cps
Iron	54-2	1512	1592	1512	1538	3.01	cps
Iron	56-2	12756	12806	13073	12878	1.32	cps
Iron	57-2	1283	1172	1033	1163	10.77	cps
Krypton	83-1	740	650	710	700	6.55	cps
Lead	206-1	494	633	617	582	13.04	cps
Lead	207-1	511	528	533	524	2.21	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 13:19:09	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	2233	2317	2478	2343	5.31	cps
Lithium	6-1	3997115	4047635	4137857	4060869	1.76	cps
Magnesium	24-2	925	792	867	861	7.76	cps
Manganese	55-2	93	80	100	91	11.18	cps
Molybdenum	94-1	317	375	533	408	27.46	cps
Molybdenum	95-1	58	50	92	67	33.07	cps
Molybdenum	96-1	167	150	158	158	5.26	cps
Molybdenum	97-1	58	25	42	42	40.00	cps
Molybdenum	98-1	100	25	75	67	57.28	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	53	80	83	72	22.77	cps
Phosphorus	31-2	225	117	217	186	32.39	cps
Potassium	39-2	74956	74838	74688	74827	0.18	cps
Rhodium	103-1	14938059	15263851	15334821	15178910	1.39	cps
Rhodium	103-2	7538945	7485958	7415048	7479984	0.83	cps
Scandium	45-1	11552805	11554613	11754663	11620694	1.00	cps
Scandium	45-2	670110	671626	664936	668891	0.52	cps
Selenium	82-1	85	161	76	107	43.48	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	174	170	215	186	13.23	cps
Silicon	28-1	626858	630225	631626	629570	0.39	cps
Silver	109-1	83	125	58	89	37.90	cps
Silver	107-1	158	158	125	147	13.07	cps
Sodium	23-2	36929	36796	36169	36631	1.11	cps
Strontium	86-1	1142	1108	983	1078	7.74	cps
Strontium	88-1	400	308	333	347	13.65	cps
Sulfur	34-1	753839	750157	753332	752443	0.27	cps
Terbium	159-1	20367412	20386790	20477238	20410480	0.29	cps
Terbium	159-2	10182034	10155296	10214087	10183806	0.29	cps
Thallium	203-1	208	183	283	225	23.13	cps
Thallium	205-1	367	367	467	400	14.43	cps
Thorium	232-1	1867	1795	1906	1856	3.04	cps
Tin	118-1	1200	1167	1158	1175	1.88	cps
Titanium	47-1	258	100	183	181	43.87	cps
Uranium	238-1	58	83	67	69	18.33	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 13:19:09	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	20	10	10	13	43.30	cps
Yttrium	89-1	25341051	25886515	25777000	25668189	1.12	cps
Yttrium	89-2	4305356	4283223	4253117	4280566	0.61	cps
Zinc	66-2	353	437	619	470	29.00	cps
Zirconium	90-1	1300	1283	1267	1283	1.30	cps
Zirconium	91-1	308	167	233	236	30.02	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 13:22:37	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4184	4392	3734	4103	8.20	cps
Antimony	121-1	26692	26067	26158	26306	1.28	cps
Arsenic	75-2	589	489	498	525	10.52	cps
Barium	135-1	34410	33900	33967	34092	0.81	cps
Barium	137-1	58323	60222	57117	58554	2.67	cps
Beryllium	9-1	2973	3145	3011	3043	2.97	cps
Bismuth	209-1	13002297	13069416	12926604	12999439	0.55	cps
Bismuth	209-2	7649877	7725106	7865048	7746677	1.41	cps
Boron	10-1	11626	11353	11718	11566	1.64	cps
Boron	11-1	54724	55368	57200	55764	2.30	cps
Bromine	81-1	54185	51392	51560	52379	2.99	cps
Bromine	81-2	100	160	150	137	23.52	cps
Cadmium	111-1	12268	11899	12327	12165	1.91	cps
Cadmium	106-1	11713	11855	12122	11897	1.74	cps
Cadmium	108-1	283	333	346	321	10.31	cps
Calcium	43-1	25364	25297	24921	25194	0.95	cps
Calcium	44-1	418290	415696	417856	417281	0.33	cps
Chromium	52-2	15270	14624	13161	14352	7.53	cps
Cobalt	59-2	8753	8192	7452	8132	8.02	cps
Copper	63-2	14384	14147	12879	13803	5.86	cps
Dysprosium	156-1	33	25	42	33	25.01	cps
Dysprosium	156-2	20	20	10	17	34.64	cps
Erbium	164-1	100	92	108	100	8.33	cps
Erbium	164-2	50	37	63	50	26.66	cps
Gadolinium	160-1	158	108	283	183	49.16	cps
Gadolinium	160-2	550	680	623	618	10.55	cps
Holmium	165-1	19750202	19675723	19825367	19750431	0.38	cps
Holmium	165-2	10259783	10176477	10419626	10285295	1.20	cps
Indium	115-1	15838102	15829866	15916463	15861477	0.30	cps
Indium	115-2	3595212	3607559	3634441	3612404	0.56	cps
Iron	54-2	14742	13911	12709	13787	7.42	cps
Iron	56-2	241308	229462	205821	225530	8.01	cps
Iron	57-2	7246	6930	6346	6841	6.68	cps
Krypton	83-1	713	777	673	721	7.23	cps
Lead	206-1	10515	10543	10338	10465	1.07	cps
Lead	207-1	9781	9320	9353	9485	2.71	cps

LB Number : LB111396 Operator : JASWAL
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-07 13:22:37 DataFile Name : 004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	43545	42850	42578	42991	1.16	cps
Lithium	6-1	4035507	4098668	4168793	4100989	1.63	cps
Magnesium	24-2	226452	214277	199470	213400	6.33	cps
Manganese	55-2	3600	3414	3104	3373	7.44	cps
Molybdenum	94-1	30859	29640	30825	30441	2.28	cps
Molybdenum	95-1	35929	36497	36104	36177	0.80	cps
Molybdenum	96-1	39071	38394	40433	39299	2.64	cps
Molybdenum	97-1	22652	22418	22309	22460	0.78	cps
Molybdenum	98-1	57014	58303	58546	57954	1.42	cps
Neodymium	150-1	40	7	33	27	66.13	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	2447	2017	2157	2207	9.94	cps
Phosphorus	31-2	167	183	92	147	33.17	cps
Potassium	39-2	320624	309764	300546	310311	3.24	cps
Rhodium	103-1	15109420	15194391	15228656	15177489	0.40	cps
Rhodium	103-2	7544515	7533423	7539103	7539014	0.07	cps
Scandium	45-1	11482749	11362103	11459304	11434718	0.56	cps
Scandium	45-2	666346	666189	679092	670543	1.10	cps
Selenium	82-1	1688	1564	1680	1644	4.21	cps
Selenium	77-2	57	67	67	63	9.12	cps
Selenium	78-2	463	378	428	423	10.12	cps
Silicon	28-1	729839	731107	730253	730400	0.09	cps
Silver	109-1	17887	17169	18220	17759	3.03	cps
Silver	107-1	18537	18821	18020	18460	2.20	cps
Sodium	23-2	445363	426964	410740	427689	4.05	cps
Strontium	86-1	5976	6018	5810	5935	1.86	cps
Strontium	88-1	42137	42070	43625	42611	2.06	cps
Sulfur	34-1	764448	766559	777301	769436	0.90	cps
Terbium	159-1	20422071	20191753	20564833	20392886	0.92	cps
Terbium	159-2	10349252	10284482	10206877	10280203	0.69	cps
Thallium	203-1	12348	12131	12590	12356	1.86	cps
Thallium	205-1	29608	29750	30427	29929	1.46	cps
Thorium	232-1	1650	1589	1583	1608	2.30	cps
Tin	118-1	57819	58011	57007	57613	0.93	cps
Titanium	47-1	10854	11772	11121	11249	4.19	cps
Uranium	238-1	42938	42403	41183	42174	2.13	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 13:22:37	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	22614	20731	19583	20976	7.30	cps
Yttrium	89-1	25727113	25407220	26016232	25716855	1.18	cps
Yttrium	89-2	4315611	4321296	4338927	4325278	0.28	cps
Zinc	66-2	2356	2184	2393	2311	4.83	cps
Zirconium	90-1	26533	25473	26809	26272	2.68	cps
Zirconium	91-1	5776	5318	5643	5579	4.23	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 13:26:04	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	240130	225864	200587	222194	9.01	cps
Antimony	121-1	701524	693243	692033	695600	0.74	cps
Arsenic	75-2	29175	27274	25350	27266	7.02	cps
Barium	135-1	902034	894201	895911	897382	0.46	cps
Barium	137-1	1574431	1565175	1541119	1560242	1.10	cps
Beryllium	9-1	159522	158348	158349	158740	0.43	cps
Bismuth	209-1	13379972	13340846	13274247	13331688	0.40	cps
Bismuth	209-2	7795623	7807711	7793081	7798805	0.10	cps
Boron	10-1	26065	26262	25628	25985	1.25	cps
Boron	11-1	118008	117746	117385	117713	0.27	cps
Bromine	81-1	51710	51877	53249	52279	1.62	cps
Bromine	81-2	70	50	130	83	49.96	cps
Cadmium	111-1	215048	210697	211126	212290	1.13	cps
Cadmium	106-1	35670	35027	33916	34871	2.54	cps
Cadmium	108-1	15542	16451	15942	15979	2.85	cps
Calcium	43-1	269133	265763	260151	265016	1.71	cps
Calcium	44-1	4247956	4251013	4149598	4216189	1.37	cps
Chromium	52-2	317879	298796	266324	294333	8.86	cps
Cobalt	59-2	441239	416248	378690	412059	7.64	cps
Copper	63-2	2967102	2807624	2549646	2774791	7.59	cps
Dysprosium	156-1	92	33	83	69	45.44	cps
Dysprosium	156-2	37	77	37	50	46.18	cps
Erbium	164-1	75	125	125	108	26.65	cps
Erbium	164-2	33	77	50	53	40.99	cps
Gadolinium	160-1	258	175	233	222	19.24	cps
Gadolinium	160-2	540	540	630	570	9.12	cps
Holmium	165-1	20395789	20107061	19869060	20123970	1.31	cps
Holmium	165-2	10481161	10387314	10529215	10465897	0.69	cps
Indium	115-1	15954831	15631500	15818468	15801600	1.03	cps
Indium	115-2	3546745	3540275	3552278	3546433	0.17	cps
Iron	54-2	672925	638998	568877	626933	8.46	cps
Iron	56-2	11519025	10840689	9783588	10714434	8.16	cps
Iron	57-2	303657	283861	253609	280376	8.99	cps
Krypton	83-1	683	747	650	693	7.08	cps
Lead	206-1	2902899	2873185	2871426	2882503	0.61	cps
Lead	207-1	2643590	2573022	2581937	2599516	1.48	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 13:26:04	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	11844519	11737906	11708535	11763653	0.61	cps
Lithium	6-1	4125283	3965825	3990788	4027299	2.13	cps
Magnesium	24-2	2397653	2266292	2065957	2243301	7.45	cps
Manganese	55-2	1816418	1721076	1574933	1704142	7.14	cps
Molybdenum	94-1	1566548	1571468	1540666	1559561	1.06	cps
Molybdenum	95-1	1922636	1940019	1884483	1915713	1.48	cps
Molybdenum	96-1	2116086	2112779	2083190	2104018	0.86	cps
Molybdenum	97-1	1197867	1202652	1189292	1196604	0.57	cps
Molybdenum	98-1	3072876	3079985	3062808	3071890	0.28	cps
Neodymium	150-1	113	87	87	96	16.11	cps
Neodymium	150-2	3	17	7	9	78.08	cps
Nickel	60-2	115114	110488	100585	108729	6.83	cps
Phosphorus	31-2	13006	12747	11596	12450	6.03	cps
Potassium	39-2	1371118	1337528	1263005	1323883	4.18	cps
Rhodium	103-1	15077401	15003203	14872194	14984266	0.69	cps
Rhodium	103-2	7434648	7486589	7407773	7443004	0.54	cps
Scandium	45-1	11416295	11298914	11213919	11309709	0.90	cps
Scandium	45-2	648714	645964	650046	648241	0.32	cps
Selenium	82-1	16521	16177	16019	16239	1.58	cps
Selenium	77-2	870	897	780	849	7.20	cps
Selenium	78-2	3237	3223	2943	3134	5.29	cps
Silicon	28-1	1198171	1187617	1195690	1193826	0.46	cps
Silver	109-1	950238	930158	923535	934644	1.49	cps
Silver	107-1	991133	989141	963128	981134	1.59	cps
Sodium	23-2	4339238	4179465	3905547	4141417	5.30	cps
Strontium	86-1	264007	263166	260142	262438	0.77	cps
Strontium	88-1	2291822	2288173	2245677	2275224	1.13	cps
Sulfur	34-1	879031	874267	867301	873533	0.68	cps
Terbium	159-1	20851089	20992348	20321540	20721659	1.71	cps
Terbium	159-2	10340719	10339010	10324947	10334892	0.08	cps
Thallium	203-1	668077	677646	674510	673411	0.72	cps
Thallium	205-1	1618444	1621986	1616559	1618997	0.17	cps
Thorium	232-1	2353231	2389206	2379040	2373826	0.78	cps
Tin	118-1	615299	609888	604151	609779	0.91	cps
Titanium	47-1	585563	590648	571954	582722	1.66	cps
Uranium	238-1	2360712	2331395	2311806	2334638	1.05	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 13:26:04	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	228674	215528	195822	213341	7.75	cps
Yttrium	89-1	25385832	25124886	25112367	25207695	0.61	cps
Yttrium	89-2	4258802	4222388	4249162	4243451	0.44	cps
Zinc	66-2	399309	374942	339792	371348	8.06	cps
Zirconium	90-1	1347746	1326254	1314817	1329606	1.26	cps
Zirconium	91-1	294451	295288	292891	294210	0.41	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 13:29:31	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	514087	504234	482180	500167	3.27	cps
Antimony	121-1	1709755	1688326	1690905	1696329	0.69	cps
Arsenic	75-2	70756	69090	65565	68470	3.87	cps
Barium	135-1	2236971	2186265	2173901	2199046	1.52	cps
Barium	137-1	3890852	3857811	3792092	3846918	1.31	cps
Beryllium	9-1	386891	378439	375857	380396	1.52	cps
Bismuth	209-1	13354394	13066731	13154349	13191825	1.12	cps
Bismuth	209-2	7648220	7671422	7737121	7685587	0.60	cps
Boron	10-1	61328	60449	60473	60750	0.82	cps
Boron	11-1	278220	275196	274303	275906	0.74	cps
Bromine	81-1	49829	49828	48533	49397	1.51	cps
Bromine	81-2	90	70	140	100	36.06	cps
Cadmium	111-1	516107	508798	502935	509280	1.30	cps
Cadmium	106-1	69830	68750	69227	69269	0.78	cps
Cadmium	108-1	40161	38573	39141	39292	2.05	cps
Calcium	43-1	638223	633289	633127	634880	0.46	cps
Calcium	44-1	9491963	9415589	9360072	9422541	0.70	cps
Chromium	52-2	760158	740506	692014	730893	4.80	cps
Cobalt	59-2	1058702	1035048	967416	1020389	4.64	cps
Copper	63-2	7083508	6869235	6620013	6857586	3.38	cps
Dysprosium	156-1	125	133	142	133	6.25	cps
Dysprosium	156-2	123	97	123	114	13.45	cps
Erbium	164-1	67	125	117	103	30.69	cps
Erbium	164-2	67	43	63	58	21.85	cps
Gadolinium	160-1	192	217	192	200	7.22	cps
Gadolinium	160-2	577	523	567	556	5.10	cps
Holmium	165-1	19938430	19976137	19820640	19911736	0.41	cps
Holmium	165-2	10318668	10273851	10512005	10368175	1.22	cps
Indium	115-1	15578154	15608801	15155443	15447466	1.64	cps
Indium	115-2	3425591	3386315	3471105	3427670	1.24	cps
Iron	54-2	1618136	1588853	1466789	1557926	5.15	cps
Iron	56-2	27771780	27173847	25298235	26747954	4.83	cps
Iron	57-2	722878	710344	663662	698961	4.46	cps
Krypton	83-1	700	627	667	664	5.53	cps
Lead	206-1	7843940	7789445	7783149	7805511	0.43	cps
Lead	207-1	6562429	6541444	7316231	6806701	6.48	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 13:29:31	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	31806611	31342638	32456030	31868426	1.75	cps
Lithium	6-1	3940893	3931065	3926058	3932672	0.19	cps
Magnesium	24-2	5402299	5328217	5121554	5284023	2.75	cps
Manganese	55-2	4369232	4295543	4028388	4231054	4.24	cps
Molybdenum	94-1	3802059	3794485	3786548	3794364	0.20	cps
Molybdenum	95-1	4721500	4655068	4652699	4676422	0.84	cps
Molybdenum	96-1	5162925	5017739	5102000	5094221	1.43	cps
Molybdenum	97-1	2904211	2857926	2856196	2872777	0.95	cps
Molybdenum	98-1	7234949	7207345	7161789	7201361	0.51	cps
Neodymium	150-1	200	207	180	196	7.09	cps
Neodymium	150-2	20	27	43	30	40.05	cps
Nickel	60-2	275489	268516	255078	266361	3.89	cps
Phosphorus	31-2	31910	31267	28887	30688	5.19	cps
Potassium	39-2	3099050	3103225	3003268	3068514	1.84	cps
Rhodium	103-1	14450290	14514909	14557034	14507411	0.37	cps
Rhodium	103-2	7147342	7084500	7247692	7159845	1.15	cps
Scandium	45-1	10761070	10877975	10884912	10841319	0.64	cps
Scandium	45-2	607659	608162	622557	612792	1.38	cps
Selenium	82-1	39577	39265	39000	39280	0.74	cps
Selenium	77-2	2204	2084	2017	2101	4.50	cps
Selenium	78-2	7567	7382	7007	7319	3.89	cps
Silicon	28-1	1975149	1957883	1944384	1959139	0.79	cps
Silver	109-1	2265915	2233962	2213651	2237843	1.18	cps
Silver	107-1	2366118	2352326	2340965	2353136	0.54	cps
Sodium	23-2	9585332	9531725	9136872	9417976	2.60	cps
Strontium	86-1	633317	638007	631699	634341	0.52	cps
Strontium	88-1	5535384	5538061	5507183	5526876	0.31	cps
Sulfur	34-1	995382	983638	972918	983979	1.14	cps
Terbium	159-1	20317089	20313991	20187885	20272988	0.36	cps
Terbium	159-2	10133308	10092543	10343078	10189643	1.32	cps
Thallium	203-1	1697261	1678323	1686676	1687420	0.56	cps
Thallium	205-1	4051467	4045997	4077220	4058228	0.41	cps
Thorium	232-1	6056362	6007180	6061767	6041769	0.50	cps
Tin	118-1	1492494	1492187	1479832	1488171	0.49	cps
Titanium	47-1	1415051	1395254	1392287	1400864	0.88	cps
Uranium	238-1	5894192	5889359	5943178	5908910	0.50	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 13:29:31	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	555250	539269	509740	534753	4.32	cps
Yttrium	89-1	24270695	24827782	24834874	24644450	1.31	cps
Yttrium	89-2	4070736	4014472	4140868	4075359	1.55	cps
Zinc	66-2	958871	925336	881013	921740	4.24	cps
Zirconium	90-1	3245139	3228569	3233533	3235747	0.26	cps
Zirconium	91-1	724135	719697	720864	721565	0.32	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 13:32:53	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1017067	990593	964202	990621	2.67	cps
Antimony	121-1	3395195	3381156	3383194	3386515	0.22	cps
Arsenic	75-2	136865	136183	132437	135162	1.76	cps
Barium	135-1	4406089	4368261	4358021	4377457	0.58	cps
Barium	137-1	7813131	7806454	7800752	7806779	0.08	cps
Beryllium	9-1	744320	733721	733141	737061	0.85	cps
Bismuth	209-1	13147794	13138324	12999258	13095125	0.64	cps
Bismuth	209-2	7582773	7670121	7576013	7609636	0.69	cps
Boron	10-1	120706	120071	120007	120261	0.32	cps
Boron	11-1	536566	534164	539647	536792	0.51	cps
Bromine	81-1	47989	47864	47153	47668	0.95	cps
Bromine	81-2	90	70	80	80	12.50	cps
Cadmium	111-1	1001203	982099	987097	990133	1.00	cps
Cadmium	106-1	125837	122106	123188	123710	1.55	cps
Cadmium	108-1	76965	76471	77816	77084	0.88	cps
Calcium	43-1	1253177	1236975	1237246	1242466	0.75	cps
Calcium	44-1	18638809	18407442	18254875	18433709	1.05	cps
Chromium	52-2	1473460	1459452	1419887	1450933	1.91	cps
Cobalt	59-2	2041841	2031413	1973287	2015514	1.83	cps
Copper	63-2	13737534	13696484	13484032	13639350	1.00	cps
Dysprosium	156-1	233	142	133	169	32.75	cps
Dysprosium	156-2	207	193	203	201	3.45	cps
Erbium	164-1	133	117	67	106	32.87	cps
Erbium	164-2	47	63	50	53	16.53	cps
Gadolinium	160-1	208	258	275	247	14.03	cps
Gadolinium	160-2	603	710	573	629	11.42	cps
Holmium	165-1	20321558	20348589	20210116	20293421	0.36	cps
Holmium	165-2	10305782	10375628	10224078	10301829	0.74	cps
Indium	115-1	15363912	15287449	15399086	15350149	0.37	cps
Indium	115-2	3369237	3406790	3371298	3382442	0.62	cps
Iron	54-2	3141946	3109609	3005094	3085550	2.32	cps
Iron	56-2	54274958	53626578	52434923	53445486	1.75	cps
Iron	57-2	1405790	1397372	1358733	1387299	1.81	cps
Krypton	83-1	580	640	687	636	8.41	cps
Lead	206-1	15862811	15738005	15570851	15723889	0.93	cps
Lead	207-1	14486745	14222466	14246888	14318699	1.02	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 13:32:53	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	65013060	64028510	63440357	64160642	1.24	cps
Lithium	6-1	3882112	3814212	3818365	3838230	0.99	cps
Magnesium	24-2	10541664	10449839	10105208	10365570	2.22	cps
Manganese	55-2	8398882	8237478	8109019	8248460	1.76	cps
Molybdenum	94-1	7381723	7327300	7416121	7375048	0.61	cps
Molybdenum	95-1	9143173	8984041	9008164	9045126	0.95	cps
Molybdenum	96-1	9881438	9878432	9779770	9846547	0.59	cps
Molybdenum	97-1	5698345	5693882	5636031	5676086	0.61	cps
Molybdenum	98-1	14392156	14211984	14334035	14312725	0.64	cps
Neodymium	150-1	333	433	407	391	13.24	cps
Neodymium	150-2	43	20	63	42	51.37	cps
Nickel	60-2	532145	527540	517310	525665	1.44	cps
Phosphorus	31-2	61552	60665	58431	60216	2.67	cps
Potassium	39-2	5592789	5551930	5450829	5531849	1.32	cps
Rhodium	103-1	14223608	14208221	14393532	14275120	0.72	cps
Rhodium	103-2	7020187	7034019	7015551	7023252	0.14	cps
Scandium	45-1	10786589	10591291	10644039	10673973	0.95	cps
Scandium	45-2	589791	596306	602602	596233	1.07	cps
Selenium	82-1	75841	76153	76240	76078	0.28	cps
Selenium	77-2	4117	4081	4201	4133	1.49	cps
Selenium	78-2	14187	14363	13625	14058	2.74	cps
Silicon	28-1	3222067	3182584	3201117	3201923	0.62	cps
Silver	109-1	4423942	4417352	4408397	4416564	0.18	cps
Silver	107-1	4657502	4567125	4577547	4600725	1.07	cps
Sodium	23-2	18664857	18409782	17915086	18329909	2.08	cps
Strontium	86-1	1248619	1246708	1252687	1249338	0.24	cps
Strontium	88-1	10816834	10738905	10679463	10745068	0.64	cps
Sulfur	34-1	1170461	1147572	1143262	1153765	1.27	cps
Terbium	159-1	20918516	20893092	20392235	20734614	1.43	cps
Terbium	159-2	10168797	10231587	10279656	10226680	0.54	cps
Thallium	203-1	3437362	3353567	3380847	3390592	1.26	cps
Thallium	205-1	8836544	8795268	8850398	8827403	0.32	cps
Thorium	232-1	13488579	13483965	13332310	13434951	0.66	cps
Tin	118-1	2925620	2924273	2939190	2929694	0.28	cps
Titanium	47-1	2760835	2702404	2716759	2726666	1.12	cps
Uranium	238-1	13137631	13235184	13012542	13128452	0.85	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 13:32:53	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1079113	1060631	1041621	1060455	1.77	cps
Yttrium	89-1	24326366	24541650	24534982	24467666	0.50	cps
Yttrium	89-2	4003240	4063038	4001761	4022680	0.87	cps
Zinc	66-2	1831058	1830308	1776695	1812687	1.72	cps
Zirconium	90-1	6177176	6277801	6223283	6226087	0.81	cps
Zirconium	91-1	1423485	1410551	1410656	1414897	0.53	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 13:36:10	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2012314	1991487	1940417	1981406	1.87	cps
Antimony	121-1	6914105	6754792	6845950	6838282	1.17	cps
Arsenic	75-2	274624	273986	265664	271425	1.84	cps
Barium	135-1	8966162	8856341	9094996	8972500	1.33	cps
Barium	137-1	15620243	15649421	15912971	15727545	1.03	cps
Beryllium	9-1	1437496	1436706	1432368	1435523	0.19	cps
Bismuth	209-1	13163299	12704789	13025398	12964495	1.81	cps
Bismuth	209-2	7595498	7452583	7591029	7546370	1.08	cps
Boron	10-1	240692	235579	238342	238204	1.07	cps
Boron	11-1	1068624	1057003	1073699	1066442	0.80	cps
Bromine	81-1	48574	48658	49561	48931	1.12	cps
Bromine	81-2	100	90	90	93	6.19	cps
Cadmium	111-1	1935584	1933427	1939930	1936314	0.17	cps
Cadmium	106-1	234599	232037	236018	234218	0.86	cps
Cadmium	108-1	151817	149114	153631	151520	1.50	cps
Calcium	43-1	2476045	2448943	2468728	2464572	0.57	cps
Calcium	44-1	37054906	36756789	36318128	36709941	1.01	cps
Chromium	52-2	2957625	2939997	2886045	2927889	1.27	cps
Cobalt	59-2	4048451	4066653	3978991	4031365	1.15	cps
Copper	63-2	27232058	27128331	26942958	27101116	0.54	cps
Dysprosium	156-1	283	225	308	272	15.71	cps
Dysprosium	156-2	390	293	380	354	15.00	cps
Erbium	164-1	142	167	133	147	11.78	cps
Erbium	164-2	60	80	47	62	26.96	cps
Gadolinium	160-1	383	383	317	361	10.66	cps
Gadolinium	160-2	623	667	683	658	4.71	cps
Holmium	165-1	20429722	20603213	20654798	20562578	0.57	cps
Holmium	165-2	10384169	10361236	10377745	10374383	0.11	cps
Indium	115-1	15384025	15266254	15378830	15343036	0.43	cps
Indium	115-2	3376780	3388100	3355723	3373534	0.49	cps
Iron	54-2	6034709	6007305	5875517	5972510	1.43	cps
Iron	56-2	109823891	108518008	106819561	108387153	1.39	cps
Iron	57-2	2826068	2790167	2747822	2788019	1.40	cps
Krypton	83-1	673	653	670	666	1.61	cps
Lead	206-1	30747575	30949333	32165410	31287440	2.45	cps
Lead	207-1	28561892	28424643	29039612	28675382	1.13	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 13:36:10	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	126999661	125904536	129352223	127418807	1.38	cps
Lithium	6-1	3851690	3829675	3749404	3810256	1.41	cps
Magnesium	24-2	21148189	20866471	20711258	20908639	1.06	cps
Manganese	55-2	16889616	16793102	16468472	16717063	1.32	cps
Molybdenum	94-1	14867203	14761017	14710166	14779462	0.54	cps
Molybdenum	95-1	18255402	18070516	18119215	18148377	0.53	cps
Molybdenum	96-1	19799341	19748199	19811220	19786253	0.17	cps
Molybdenum	97-1	11269141	11213054	11182909	11221702	0.39	cps
Molybdenum	98-1	28935075	29056769	28734154	28908666	0.56	cps
Neodymium	150-1	953	913	867	911	4.76	cps
Neodymium	150-2	90	117	77	94	21.56	cps
Nickel	60-2	1057468	1053556	1036688	1049238	1.05	cps
Phosphorus	31-2	121851	120490	119600	120647	0.94	cps
Potassium	39-2	11199490	11085653	10972600	11085914	1.02	cps
Rhodium	103-1	14235083	14263067	14045299	14181150	0.84	cps
Rhodium	103-2	7008349	7035428	6963016	7002264	0.52	cps
Scandium	45-1	10831126	10804794	10524542	10720154	1.59	cps
Scandium	45-2	605492	605357	602239	604363	0.30	cps
Selenium	82-1	151128	150482	150383	150664	0.27	cps
Selenium	77-2	8499	8473	8139	8370	2.40	cps
Selenium	78-2	28799	27953	27405	28052	2.50	cps
Silicon	28-1	5744877	5734149	5757330	5745452	0.20	cps
Silver	109-1	8664732	8622271	8443669	8576891	1.37	cps
Silver	107-1	9205848	9141091	9232470	9193136	0.51	cps
Sodium	23-2	37294143	36704955	36422019	36807039	1.21	cps
Strontium	86-1	2520200	2507821	2505510	2511177	0.31	cps
Strontium	88-1	21783661	21416453	21962251	21720788	1.28	cps
Sulfur	34-1	1546662	1531025	1538657	1538781	0.51	cps
Terbium	159-1	20783435	20914686	21097236	20931786	0.75	cps
Terbium	159-2	10259978	10407152	10292500	10319877	0.75	cps
Thallium	203-1	7151636	7320646	7339874	7270719	1.42	cps
Thallium	205-1	17280749	17250701	17717418	17416289	1.50	cps
Thorium	232-1	27515218	27036719	27188375	27246771	0.90	cps
Tin	118-1	5862652	5838688	5949436	5883592	0.99	cps
Titanium	47-1	5444100	5432048	5345893	5407347	0.99	cps
Uranium	238-1	26793193	26601389	27078966	26824516	0.90	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 13:36:10	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2174685	2144920	2127771	2149125	1.10	cps
Yttrium	89-1	24640880	24801928	24900881	24781230	0.53	cps
Yttrium	89-2	4017159	4062407	4054531	4044699	0.60	cps
Zinc	66-2	3580828	3573395	3527798	3560674	0.81	cps
Zirconium	90-1	12652757	12567969	12662807	12627844	0.41	cps
Zirconium	91-1	2839673	2832527	2864051	2845417	0.58	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 13:39:24	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3978938	3947340	3874261	3933513	1.36	cps
Antimony	121-1	13435769	13484637	13475972	13465459	0.19	cps
Arsenic	75-2	548367	545983	536349	543566	1.17	cps
Barium	135-1	17759327	17819989	17889633	17822983	0.37	cps
Barium	137-1	31097912	30966718	31232972	31099201	0.43	cps
Beryllium	9-1	2730840	2698916	2704926	2711561	0.63	cps
Bismuth	209-1	12743187	12408322	12503995	12551835	1.37	cps
Bismuth	209-2	7295145	7354432	7287854	7312477	0.50	cps
Boron	10-1	461004	453201	456981	457062	0.85	cps
Boron	11-1	2072820	2046507	2037529	2052286	0.89	cps
Bromine	81-1	51509	51217	50096	50941	1.46	cps
Bromine	81-2	150	60	130	113	41.70	cps
Cadmium	111-1	4010886	4004275	3992897	4002686	0.23	cps
Cadmium	106-1	472693	464954	464154	467267	1.01	cps
Cadmium	108-1	315907	310955	313842	313568	0.79	cps
Calcium	43-1	4893600	4868150	4652524	4804758	2.76	cps
Calcium	44-1	73477005	73540218	72294398	73103874	0.96	cps
Chromium	52-2	5899100	5820081	5696701	5805294	1.76	cps
Cobalt	59-2	8104708	8038827	7914114	8019216	1.21	cps
Copper	63-2	55267719	54977564	54106236	54783840	1.10	cps
Dysprosium	156-1	525	525	533	528	0.91	cps
Dysprosium	156-2	770	713	693	726	5.48	cps
Erbium	164-1	142	117	158	139	15.10	cps
Erbium	164-2	53	60	77	63	18.98	cps
Gadolinium	160-1	467	458	358	428	14.09	cps
Gadolinium	160-2	590	663	727	660	10.36	cps
Holmium	165-1	20450100	20240903	20356424	20349142	0.51	cps
Holmium	165-2	10333575	10392309	10394496	10373460	0.33	cps
Indium	115-1	15120697	15128225	15028082	15092335	0.37	cps
Indium	115-2	3364298	3363764	3355534	3361199	0.15	cps
Iron	54-2	12121776	11868013	11643564	11877784	2.01	cps
Iron	56-2	220177716	215235833	212157844	215857131	1.87	cps
Iron	57-2	5458772	5542836	5497336	5499648	0.77	cps
Krypton	83-1	657	703	693	684	3.59	cps
Lead	206-1	60079908	60023510	60547675	60217031	0.48	cps
Lead	207-1	54036957	54995536	54643255	54558583	0.89	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 13:39:24	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	242800810	242793285	244480572	243358222	0.40	cps
Lithium	6-1	3729956	3945161	3972737	3882618	3.42	cps
Magnesium	24-2	41776670	41621508	40615106	41337761	1.53	cps
Manganese	55-2	33886875	33255662	32902567	33348368	1.50	cps
Molybdenum	94-1	29259325	29009462	29290818	29186535	0.53	cps
Molybdenum	95-1	35842636	36276588	36224935	36114720	0.66	cps
Molybdenum	96-1	39030975	39164937	39795065	39330326	1.04	cps
Molybdenum	97-1	22177241	22006896	22008545	22064227	0.44	cps
Molybdenum	98-1	57531768	56800480	57043064	57125104	0.65	cps
Neodymium	150-1	1633	1700	1580	1638	3.67	cps
Neodymium	150-2	150	127	153	143	10.14	cps
Nickel	60-2	2076886	2041685	2042863	2053811	0.97	cps
Phosphorus	31-2	241609	240482	235690	239260	1.31	cps
Potassium	39-2	22749542	22338658	22039205	22375802	1.59	cps
Rhodium	103-1	14099126	13805704	13940643	13948491	1.05	cps
Rhodium	103-2	6945501	6973379	7008625	6975835	0.45	cps
Scandium	45-1	10980697	10937787	10832780	10917088	0.70	cps
Scandium	45-2	628385	625844	620268	624832	0.66	cps
Selenium	82-1	289487	293279	295096	292621	0.98	cps
Selenium	77-2	16503	16416	16106	16342	1.28	cps
Selenium	78-2	55267	55645	55160	55357	0.46	cps
Silicon	28-1	13575462	13595852	13818879	13663398	0.99	cps
Silver	109-1	17419056	17199965	17302158	17307060	0.63	cps
Silver	107-1	18527858	18219379	18059605	18268947	1.30	cps
Sodium	23-2	73493868	73491456	72689858	73225061	0.63	cps
Strontium	86-1	4927982	4949245	4979673	4952300	0.52	cps
Strontium	88-1	43201451	42593617	43949911	43248326	1.57	cps
Sulfur	34-1	2399905	2376760	2366184	2380950	0.72	cps
Terbium	159-1	20178026	20860966	21140291	20726428	2.39	cps
Terbium	159-2	10346033	10379794	10228422	10318083	0.77	cps
Thallium	203-1	13891084	13869366	13813975	13858142	0.29	cps
Thallium	205-1	33330801	32953817	33556948	33280522	0.92	cps
Thorium	232-1	52068019	52248529	52269214	52195254	0.21	cps
Tin	118-1	11636943	11478852	11612108	11575968	0.73	cps
Titanium	47-1	10746565	10764104	10694756	10735141	0.34	cps
Uranium	238-1	51605979	51282465	50559345	51149263	1.05	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 13:39:24	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	4360107	4312968	4248753	4307276	1.30	cps
Yttrium	89-1	25027206	24913270	25234745	25058407	0.65	cps
Yttrium	89-2	4157766	4142160	4127828	4142585	0.36	cps
Zinc	66-2	7609133	7634700	7596668	7613500	0.25	cps
Zirconium	90-1	25090450	24914733	24872980	24959388	0.46	cps
Zirconium	91-1	5664493	5497393	5637338	5599741	1.60	cps

LB Number : LB111396 Operator : JASWAL
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-07 13:42:37 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19811071	19344036	19083904	19413003	1.90	cps
Antimony	121-1	8561	8795	7836	8397	5.95	cps
Arsenic	75-2	267	246	222	245	9.08	cps
Barium	135-1	29356	29574	28730	29220	1.50	cps
Barium	137-1	51195	50074	49765	50345	1.49	cps
Beryllium	9-1	256	339	317	304	14.21	cps
Bismuth	209-1	10914229	10980453	11015479	10970054	0.47	cps
Bismuth	209-2	5946359	5992459	6037396	5992071	0.76	cps
Boron	10-1	16946	16129	14861	15978	6.58	cps
Boron	11-1	77749	75622	72482	75284	3.52	cps
Bromine	81-1	52061	51995	52078	52045	0.08	cps
Bromine	81-2	70	170	100	113	45.28	cps
Cadmium	111-1	9954	9897	9809	9887	0.74	cps
Cadmium	106-1	12381	12389	12081	12283	1.43	cps
Cadmium	108-1	167	250	204	207	20.17	cps
Calcium	43-1	23326291	22975948	23262834	23188358	0.81	cps
Calcium	44-1	369839749	373819666	371340245	371666553	0.54	cps
Chromium	52-2	14515	14588	14000	14367	2.23	cps
Cobalt	59-2	17921	17607	17501	17676	1.24	cps
Copper	63-2	11735	11758	11728	11740	0.13	cps
Dysprosium	156-1	983	1008	1017	1003	1.73	cps
Dysprosium	156-2	500	540	570	537	6.54	cps
Erbium	164-1	208	175	233	206	14.24	cps
Erbium	164-2	90	130	110	110	18.18	cps
Gadolinium	160-1	1217	1150	1275	1214	5.15	cps
Gadolinium	160-2	1143	1190	1173	1169	2.02	cps
Holmium	165-1	19585707	19128977	19395458	19370047	1.18	cps
Holmium	165-2	10090427	10268628	10059831	10139629	1.11	cps
Indium	115-1	14561115	14813596	14715805	14696839	0.87	cps
Indium	115-2	3352893	3380576	3376638	3370035	0.44	cps
Iron	54-2	57193508	56756093	54745113	56231571	2.32	cps
Iron	56-2	1047819268	1049304023	1027235712	1041453001	1.18	cps
Iron	57-2	26328463	26293846	25334030	25985446	2.17	cps
Krypton	83-1	810	653	743	736	10.69	cps
Lead	206-1	16182	16499	16444	16375	1.03	cps
Lead	207-1	13958	13896	13919	13924	0.22	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 13:42:37	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	64339	64863	65130	64777	0.62	cps
Lithium	6-1	3872616	3881578	3924534	3892909	0.71	cps
Magnesium	24-2	214475013	213241984	206060805	211259267	2.15	cps
Manganese	55-2	28047	27706	27553	27768	0.91	cps
Molybdenum	94-1	7694	8128	8136	7986	3.17	cps
Molybdenum	95-1	8745	8369	8945	8686	3.36	cps
Molybdenum	96-1	23603	23094	22619	23105	2.13	cps
Molybdenum	97-1	4668	5309	5109	5029	6.53	cps
Molybdenum	98-1	12547	12681	12481	12570	0.81	cps
Neodymium	150-1	60	47	80	62	26.96	cps
Neodymium	150-2	10	13	20	14	35.26	cps
Nickel	60-2	5271	5154	5104	5177	1.65	cps
Phosphorus	31-2	275	325	292	297	8.57	cps
Potassium	39-2	115409236	115656878	112713061	114593058	1.42	cps
Rhodium	103-1	13169645	13208859	13022811	13133772	0.75	cps
Rhodium	103-2	6512385	6601818	6542154	6552119	0.70	cps
Scandium	45-1	11200507	11122898	11234029	11185811	0.51	cps
Scandium	45-2	672235	673884	669490	671870	0.33	cps
Selenium	82-1	276	448	322	349	25.46	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	207	159	202	190	13.90	cps
Silicon	28-1	820013	812256	813453	815241	0.51	cps
Silver	109-1	7511	7544	7611	7555	0.67	cps
Silver	107-1	8328	7952	8152	8144	2.31	cps
Sodium	23-2	375020758	377431933	363341150	371931281	2.03	cps
Strontium	86-1	27744	27502	26249	27165	2.95	cps
Strontium	88-1	231693	226012	226582	228095	1.37	cps
Sulfur	34-1	673188	674498	685293	677660	0.98	cps
Terbium	159-1	19594719	19959087	19480499	19678102	1.27	cps
Terbium	159-2	9944430	10037302	10110457	10030730	0.83	cps
Thallium	203-1	1317	1458	1300	1358	6.41	cps
Thallium	205-1	3592	3342	3059	3331	8.01	cps
Thorium	232-1	5896	5496	4862	5418	9.62	cps
Tin	118-1	4409	4401	4051	4287	4.77	cps
Titanium	47-1	1067	1292	1625	1328	21.16	cps
Uranium	238-1	5393	4876	4968	5079	5.43	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 13:42:37	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	650	713	710	691	5.16	cps
Yttrium	89-1	25077382	25220238	24382885	24893502	1.80	cps
Yttrium	89-2	4242533	4284806	4242458	4256599	0.57	cps
Zinc	66-2	17740	17340	16549	17210	3.52	cps
Zirconium	90-1	7502	7535	7010	7349	4.00	cps
Zirconium	91-1	1750	1383	1533	1556	11.85	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 14:04:10	DataFile Name :	011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	104983	96082	88604	96556	8.49	cps
Antimony	121-1	2650131	2646190	2636454	2644258	0.27	cps
Arsenic	75-2	113910	106954	99892	106918	6.56	cps
Barium	135-1	352289	351735	353640	352555	0.28	cps
Barium	137-1	605260	620856	613827	613314	1.27	cps
Beryllium	9-1	292723	295193	291636	293184	0.62	cps
Bismuth	209-1	13225089	13434583	13503575	13387749	1.08	cps
Bismuth	209-2	7934996	7820971	7880669	7878879	0.72	cps
Boron	10-1	244334	247463	243787	245195	0.81	cps
Boron	11-1	1141634	1142658	1140542	1141611	0.09	cps
Bromine	81-1	51719	53675	52153	52516	1.96	cps
Bromine	81-2	110	120	110	113	5.09	cps
Cadmium	111-1	423859	435918	431531	430436	1.42	cps
Cadmium	106-1	99212	102426	99356	100331	1.81	cps
Cadmium	108-1	52584	53554	52906	53015	0.93	cps
Calcium	43-1	114951	114985	112055	113997	1.48	cps
Calcium	44-1	1680345	1690510	1691501	1687452	0.37	cps
Chromium	52-2	618483	574893	521246	571541	8.52	cps
Cobalt	59-2	856270	799525	736022	797272	7.55	cps
Copper	63-2	593683	552127	511832	552547	7.41	cps
Dysprosium	156-1	25	25	42	31	31.50	cps
Dysprosium	156-2	30	40	27	32	21.53	cps
Erbium	164-1	67	100	67	78	24.74	cps
Erbium	164-2	50	47	60	52	13.28	cps
Gadolinium	160-1	200	142	183	175	17.17	cps
Gadolinium	160-2	577	497	620	564	11.09	cps
Holmium	165-1	20390433	20261013	20584914	20412120	0.80	cps
Holmium	165-2	10538643	10399781	10555336	10497920	0.81	cps
Indium	115-1	16041275	16179447	16149787	16123503	0.45	cps
Indium	115-2	3534208	3532462	3558948	3541873	0.42	cps
Iron	54-2	521125	487062	437383	481857	8.74	cps
Iron	56-2	8726084	8122064	7495871	8114673	7.58	cps
Iron	57-2	228300	213895	192471	211555	8.52	cps
Krypton	83-1	663	723	637	674	6.58	cps
Lead	206-1	2711636	2643297	2633675	2662870	1.60	cps
Lead	207-1	2288556	2226738	2241914	2252403	1.43	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 14:04:10	DataFile Name :	011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	10539520	10449541	10473624	10487562	0.44	cps
Lithium	6-1	4006487	4053250	4060433	4040057	0.73	cps
Magnesium	24-2	533422	502179	465460	500353	6.80	cps
Manganese	55-2	364409	344327	313421	340719	7.54	cps
Molybdenum	94-1	15429613	15845709	15775760	15683694	1.42	cps
Molybdenum	95-1	19335958	19548834	19801080	19561957	1.19	cps
Molybdenum	96-1	21463081	21511345	21224364	21399596	0.72	cps
Molybdenum	97-1	12083320	12069355	11902711	12018462	0.84	cps
Molybdenum	98-1	30922592	30981652	31036583	30980276	0.18	cps
Neodymium	150-1	47	73	60	60	22.22	cps
Neodymium	150-2	3	17	7	9	78.08	cps
Nickel	60-2	228186	212149	195371	211902	7.74	cps
Phosphorus	31-2	225	208	142	192	23.01	cps
Potassium	39-2	1031515	1002424	963809	999250	3.40	cps
Rhodium	103-1	15368770	15570643	15215954	15385122	1.16	cps
Rhodium	103-2	7582259	7671978	7551311	7601850	0.82	cps
Scandium	45-1	11522787	11410927	11520152	11484622	0.56	cps
Scandium	45-2	651047	647370	654453	650957	0.54	cps
Selenium	82-1	62960	63280	62554	62932	0.58	cps
Selenium	77-2	3447	3360	3110	3306	5.29	cps
Selenium	78-2	12144	11503	10706	11451	6.29	cps
Silicon	28-1	5789552	5877526	5865957	5844345	0.82	cps
Silver	109-1	883045	882385	867276	877569	1.02	cps
Silver	107-1	921665	937566	933656	930962	0.89	cps
Sodium	23-2	1668673	1608580	1518016	1598423	4.74	cps
Strontium	86-1	2575754	2561592	2583633	2573659	0.43	cps
Strontium	88-1	22206247	22451053	22791994	22483098	1.31	cps
Sulfur	34-1	736410	725270	714699	725460	1.50	cps
Terbium	159-1	20763982	21075023	21302750	21047252	1.28	cps
Terbium	159-2	10541408	10360766	10497789	10466654	0.90	cps
Thallium	203-1	2835964	2785843	2826828	2816212	0.95	cps
Thallium	205-1	7450063	7441300	7398857	7430073	0.37	cps
Thorium	232-1	380929	385013	380328	382090	0.67	cps
Tin	118-1	6016048	5949819	5999972	5988613	0.58	cps
Titanium	47-1	5985359	5979499	6028406	5997755	0.45	cps
Uranium	238-1	28666796	28471286	28213110	28450398	0.80	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 14:04:10	DataFile Name :	011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	499977	469661	429762	466467	7.55	cps
Yttrium	89-1	25829539	26003793	26125681	25986338	0.57	cps
Yttrium	89-2	4260405	4236511	4285557	4260824	0.58	cps
Zinc	66-2	164554	154200	142396	153716	7.21	cps
Zirconium	90-1	12966553	12964954	12991482	12974330	0.11	cps
Zirconium	91-1	2888342	2923770	2938085	2916732	0.88	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 14:27:30	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4559	3976	3726	4087	10.47	cps
Antimony	121-1	26192	25657	25040	25629	2.25	cps
Arsenic	75-2	570	533	448	517	12.12	cps
Barium	135-1	33207	33691	33775	33558	0.91	cps
Barium	137-1	59536	58230	59418	59062	1.22	cps
Beryllium	9-1	3111	3189	3078	3126	1.82	cps
Bismuth	209-1	13366861	13637271	13482346	13495492	1.01	cps
Bismuth	209-2	7853124	7806350	7934537	7864670	0.82	cps
Boron	10-1	14347	14214	15005	14522	2.92	cps
Boron	11-1	71996	69936	71377	71103	1.49	cps
Bromine	81-1	56462	55432	55014	55636	1.34	cps
Bromine	81-2	100	130	100	110	15.75	cps
Cadmium	111-1	12673	12542	13045	12753	2.05	cps
Cadmium	106-1	12447	12089	13015	12517	3.73	cps
Cadmium	108-1	308	375	392	358	12.31	cps
Calcium	43-1	24813	24771	25080	24888	0.67	cps
Calcium	44-1	420078	422035	418522	420212	0.42	cps
Chromium	52-2	14736	14216	12675	13876	7.72	cps
Cobalt	59-2	8483	7959	7205	7882	8.15	cps
Copper	63-2	14114	13653	12806	13524	4.91	cps
Dysprosium	156-1	17	25	33	25	33.32	cps
Dysprosium	156-2	17	10	7	11	45.82	cps
Erbium	164-1	158	100	75	111	38.49	cps
Erbium	164-2	37	63	80	60	36.43	cps
Gadolinium	160-1	92	150	133	125	24.04	cps
Gadolinium	160-2	560	513	623	566	9.76	cps
Holmium	165-1	20489408	20506336	20298244	20431329	0.57	cps
Holmium	165-2	10651966	10386342	10529124	10522477	1.26	cps
Indium	115-1	16428258	16512884	16473702	16471615	0.26	cps
Indium	115-2	3628039	3658262	3636241	3640848	0.43	cps
Iron	54-2	13660	14011	12608	13427	5.44	cps
Iron	56-2	242252	229564	205549	225789	8.26	cps
Iron	57-2	6818	6663	6213	6565	4.79	cps
Krypton	83-1	667	600	640	636	5.28	cps
Lead	206-1	11305	11605	10843	11251	3.41	cps
Lead	207-1	9776	9854	9898	9843	0.63	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 14:27:30	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	45064	46210	44124	45132	2.32	cps
Lithium	6-1	4088516	4077885	4036694	4067698	0.67	cps
Magnesium	24-2	222291	205962	191709	206654	7.40	cps
Manganese	55-2	3687	3324	3250	3420	6.84	cps
Molybdenum	94-1	30942	31260	30959	31054	0.58	cps
Molybdenum	95-1	36029	35302	36664	35999	1.89	cps
Molybdenum	96-1	40608	39806	41845	40753	2.52	cps
Molybdenum	97-1	22076	22235	22159	22157	0.36	cps
Molybdenum	98-1	59039	57383	58905	58442	1.57	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	2224	2110	2064	2132	3.86	cps
Phosphorus	31-2	133	117	200	150	29.40	cps
Potassium	39-2	310315	303918	290545	301593	3.35	cps
Rhodium	103-1	15888998	15683949	15817747	15796898	0.66	cps
Rhodium	103-2	7655480	7737459	7696686	7696542	0.53	cps
Scandium	45-1	11655051	11844142	11753247	11750814	0.80	cps
Scandium	45-2	659679	664791	660046	661505	0.43	cps
Selenium	82-1	1626	1764	1754	1715	4.49	cps
Selenium	77-2	93	80	90	88	7.90	cps
Selenium	78-2	441	446	411	433	4.37	cps
Silicon	28-1	718548	731366	726549	725488	0.89	cps
Silver	109-1	17269	17144	18195	17536	3.27	cps
Silver	107-1	18946	18412	18037	18465	2.48	cps
Sodium	23-2	441770	423277	402703	422584	4.62	cps
Strontium	86-1	6035	6210	5826	6024	3.19	cps
Strontium	88-1	43634	43667	43592	43631	0.09	cps
Sulfur	34-1	767577	758879	758505	761654	0.67	cps
Terbium	159-1	20993061	20862523	21068301	20974628	0.50	cps
Terbium	159-2	10552580	10654014	10565724	10590772	0.52	cps
Thallium	203-1	12289	12990	12331	12537	3.14	cps
Thallium	205-1	30293	30552	29759	30201	1.34	cps
Thorium	232-1	633	633	633	633	0.00	cps
Tin	118-1	58856	57300	59082	58413	1.66	cps
Titanium	47-1	11029	10954	10979	10988	0.35	cps
Uranium	238-1	41826	42144	43649	42540	2.29	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 14:27:30	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	21275	20701	18789	20255	6.43	cps
Yttrium	89-1	26593941	26418516	26373309	26461922	0.44	cps
Yttrium	89-2	4313676	4365773	4315847	4331765	0.68	cps
Zinc	66-2	2129	2004	2244	2126	5.64	cps
Zirconium	90-1	25749	25573	27068	26130	3.13	cps
Zirconium	91-1	5601	5776	6093	5824	4.28	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 14:30:59	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	758	642	667	689	8.92	cps
Antimony	121-1	167	92	158	139	29.60	cps
Arsenic	75-2	4	6	13	7	66.14	cps
Barium	135-1	75	17	67	53	59.77	cps
Barium	137-1	83	67	92	81	15.80	cps
Beryllium	9-1	61	72	28	54	43.06	cps
Bismuth	209-1	13342094	13264528	13144755	13250459	0.75	cps
Bismuth	209-2	7804802	7673553	7778760	7752372	0.90	cps
Boron	10-1	3576	3485	4234	3765	10.86	cps
Boron	11-1	17836	17919	17369	17708	1.68	cps
Bromine	81-1	53776	55173	56244	55064	2.25	cps
Bromine	81-2	100	60	120	93	32.73	cps
Cadmium	111-1	8212	8342	8634	8396	2.57	cps
Cadmium	106-1	11747	11914	12322	11994	2.47	cps
Cadmium	108-1	33	21	13	22	47.18	cps
Calcium	43-1	325	383	400	369	10.66	cps
Calcium	44-1	21254	22362	21795	21804	2.54	cps
Chromium	52-2	1079	1141	1157	1126	3.67	cps
Cobalt	59-2	100	57	80	79	27.49	cps
Copper	63-2	2007	2130	2350	2162	8.04	cps
Dysprosium	156-1	17	42	42	33	43.30	cps
Dysprosium	156-2	13	20	7	13	49.99	cps
Erbium	164-1	58	83	83	75	19.25	cps
Erbium	164-2	57	57	57	57	0.00	cps
Gadolinium	160-1	208	158	183	183	13.64	cps
Gadolinium	160-2	550	567	597	571	4.14	cps
Holmium	165-1	20832846	20374706	20633162	20613571	1.11	cps
Holmium	165-2	10272650	10578440	10403404	10418164	1.47	cps
Indium	115-1	16215296	16447933	16265766	16309665	0.75	cps
Indium	115-2	3627265	3626628	3585542	3613145	0.66	cps
Iron	54-2	1351	1552	1472	1458	6.91	cps
Iron	56-2	10899	11093	11160	11051	1.23	cps
Iron	57-2	1056	967	833	952	11.75	cps
Krypton	83-1	673	623	737	678	8.38	cps
Lead	206-1	789	794	806	796	1.07	cps
Lead	207-1	689	861	733	761	11.75	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 14:30:59	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	2978	3311	3039	3109	5.71	cps
Lithium	6-1	4100828	4115949	4094820	4103866	0.27	cps
Magnesium	24-2	217	283	383	294	28.49	cps
Manganese	55-2	137	127	113	126	9.32	cps
Molybdenum	94-1	433	383	417	411	6.19	cps
Molybdenum	95-1	133	92	92	106	22.79	cps
Molybdenum	96-1	292	217	275	261	15.08	cps
Molybdenum	97-1	100	75	75	83	17.32	cps
Molybdenum	98-1	108	158	133	133	18.75	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	43	43	77	54	35.36	cps
Phosphorus	31-2	275	233	200	236	15.91	cps
Potassium	39-2	74973	72125	74344	73814	2.03	cps
Rhodium	103-1	15547835	15156722	15189882	15298146	1.42	cps
Rhodium	103-2	7724132	7523257	7591184	7612858	1.34	cps
Scandium	45-1	11626911	11591147	11475728	11564595	0.68	cps
Scandium	45-2	659607	658094	651487	656396	0.66	cps
Selenium	82-1	135	143	104	128	16.26	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	169	154	180	167	7.77	cps
Silicon	28-1	607950	614256	616920	613042	0.75	cps
Silver	109-1	75	83	192	117	55.79	cps
Silver	107-1	292	192	233	239	21.03	cps
Sodium	23-2	40463	38717	38141	39107	3.09	cps
Strontium	86-1	1283	1008	1242	1178	12.59	cps
Strontium	88-1	325	525	442	431	23.33	cps
Sulfur	34-1	762439	767205	783092	770912	1.40	cps
Terbium	159-1	21186426	21286865	20798100	21090464	1.22	cps
Terbium	159-2	10324946	10460685	10256448	10347360	1.00	cps
Thallium	203-1	150	167	75	131	37.40	cps
Thallium	205-1	367	275	367	336	15.75	cps
Thorium	232-1	600	667	578	615	7.52	cps
Tin	118-1	2075	1809	2092	1992	7.98	cps
Titanium	47-1	200	192	175	189	6.74	cps
Uranium	238-1	33	17	25	25	33.32	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 14:30:59	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	13	3	3	7	86.65	cps
Yttrium	89-1	25987865	25899622	25968710	25952066	0.18	cps
Yttrium	89-2	4332880	4296285	4272452	4300539	0.71	cps
Zinc	66-2	365	558	769	564	35.86	cps
Zirconium	90-1	1158	1183	1233	1192	3.20	cps
Zirconium	91-1	192	242	183	206	15.35	cps

LB Number : LB111396 Operator : JASWAL
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-07 14:34:28 DataFile Name : 016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18998042	18713983	18508919	18740314	1.31	cps
Antimony	121-1	14883	14166	14433	14494	2.50	cps
Arsenic	75-2	181	194	200	192	4.95	cps
Barium	135-1	4984	4759	4959	4901	2.52	cps
Barium	137-1	8936	8603	8319	8620	3.58	cps
Beryllium	9-1	744	794	767	769	3.26	cps
Bismuth	209-1	12621729	12547159	12359019	12509302	1.08	cps
Bismuth	209-2	6580179	6530320	7461408	6857303	7.64	cps
Boron	10-1	3441	3333	3266	3347	2.64	cps
Boron	11-1	16810	15992	16034	16279	2.83	cps
Bromine	81-1	54972	55348	54696	55005	0.60	cps
Bromine	81-2	270	240	300	270	11.11	cps
Cadmium	111-1	9968	10040	9228	9745	4.61	cps
Cadmium	106-1	11013	11297	10446	10918	3.97	cps
Cadmium	108-1	4513	4551	4676	4580	1.86	cps
Calcium	43-1	4764701	4777013	4793844	4778519	0.31	cps
Calcium	44-1	72598459	72980947	72664932	72748113	0.28	cps
Chromium	52-2	106568	103831	103145	104515	1.73	cps
Cobalt	59-2	10494	10170	10264	10309	1.62	cps
Copper	63-2	45410	44644	44765	44940	0.92	cps
Dysprosium	156-1	50	67	83	67	25.00	cps
Dysprosium	156-2	27	43	60	43	38.46	cps
Erbium	164-1	217	108	158	161	33.65	cps
Erbium	164-2	70	60	77	69	12.18	cps
Gadolinium	160-1	167	242	283	231	25.64	cps
Gadolinium	160-2	573	613	543	577	6.09	cps
Holmium	165-1	20516077	20396018	20530393	20480829	0.36	cps
Holmium	165-2	10424849	10356928	10453806	10411861	0.48	cps
Indium	115-1	15409503	15353024	15371457	15377994	0.19	cps
Indium	115-2	3414796	3415501	3458699	3429665	0.73	cps
Iron	54-2	23410887	23243209	22896919	23183672	1.13	cps
Iron	56-2	435511932	426668743	419990909	427390528	1.82	cps
Iron	57-2	10738896	10661653	10369780	10590110	1.84	cps
Krypton	83-1	693	647	673	671	3.49	cps
Lead	206-1	74982	72111	71731	72941	2.44	cps
Lead	207-1	60085	59047	59722	59618	0.88	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 14:34:28	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	283068	278429	278029	279842	1.00	cps
Lithium	6-1	3771657	3794855	3807654	3791389	0.48	cps
Magnesium	24-2	40648326	39914030	39585944	40049433	1.36	cps
Manganese	55-2	27539	26955	26177	26890	2.54	cps
Molybdenum	94-1	7862636	7787508	7828631	7826258	0.48	cps
Molybdenum	95-1	13851148	13971694	13663162	13828668	1.12	cps
Molybdenum	96-1	14475817	14543428	14308704	14442650	0.84	cps
Molybdenum	97-1	8506617	8540622	8566454	8537898	0.35	cps
Molybdenum	98-1	21800095	21931889	21803720	21845235	0.34	cps
Neodymium	150-1	20	87	87	64	59.73	cps
Neodymium	150-2	20	23	10	18	39.03	cps
Nickel	60-2	11421	11311	11098	11277	1.46	cps
Phosphorus	31-2	1182437	1172172	1153790	1169466	1.24	cps
Potassium	39-2	43890468	43756558	43483917	43710314	0.47	cps
Rhodium	103-1	14064247	14118251	13719541	13967346	1.55	cps
Rhodium	103-2	7030059	7002048	7049158	7027088	0.34	cps
Scandium	45-1	11031429	11084962	11040608	11052333	0.26	cps
Scandium	45-2	633460	629702	641404	634855	0.94	cps
Selenium	82-1	130	210	122	154	31.68	cps
Selenium	77-2	7	10	7	8	24.71	cps
Selenium	78-2	170	148	200	173	15.05	cps
Silicon	28-1	781115	780507	788581	783401	0.57	cps
Silver	109-1	1383	1117	1367	1289	11.59	cps
Silver	107-1	1242	1450	1383	1358	7.83	cps
Sodium	23-2	74791129	73753362	73699347	74081279	0.83	cps
Strontium	86-1	166934	165736	169512	167394	1.15	cps
Strontium	88-1	1461143	1445172	1447173	1451163	0.60	cps
Sulfur	34-1	9236988	9063047	9190018	9163351	0.98	cps
Terbium	159-1	20965478	20957478	20586896	20836618	1.04	cps
Terbium	159-2	10292894	10338898	10486128	10372640	0.97	cps
Thallium	203-1	4551	4518	4943	4670	5.06	cps
Thallium	205-1	9712	11288	11664	10888	9.51	cps
Thorium	232-1	717	650	672	680	4.99	cps
Tin	118-1	3142	3309	3200	3217	2.63	cps
Titanium	47-1	4289042	4322722	4313749	4308504	0.40	cps
Uranium	238-1	758	842	742	781	6.86	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 14:34:28	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	943	937	837	906	6.60	cps
Yttrium	89-1	25337545	25313075	25029177	25226599	0.68	cps
Yttrium	89-2	4190333	4186058	4183853	4186748	0.08	cps
Zinc	66-2	9612	10069	9824	9835	2.33	cps
Zirconium	90-1	1625	1608	1525	1586	3.38	cps
Zirconium	91-1	333	350	358	347	3.67	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 14:37:51	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18989660	18857045	18201443	18682716	2.26	cps
Antimony	121-1	280617	279970	280682	280423	0.14	cps
Arsenic	75-2	11581	11186	10830	11199	3.35	cps
Barium	135-1	75261	74156	75529	74982	0.97	cps
Barium	137-1	134536	129893	128659	131029	2.37	cps
Beryllium	9-1	56332	56656	56231	56406	0.39	cps
Bismuth	209-1	12842231	12911598	12548679	12767503	1.51	cps
Bismuth	209-2	7405789	7357402	7290242	7351144	0.79	cps
Boron	10-1	25284	24812	26218	25438	2.81	cps
Boron	11-1	121804	117755	123206	120922	2.34	cps
Bromine	81-1	55909	54395	55181	55162	1.37	cps
Bromine	81-2	230	160	240	210	20.76	cps
Cadmium	111-1	86758	85858	85196	85937	0.91	cps
Cadmium	106-1	22978	22794	22218	22663	1.75	cps
Cadmium	108-1	11305	11371	11167	11281	0.92	cps
Calcium	43-1	4618882	4714284	4848308	4727158	2.44	cps
Calcium	44-1	73864500	74224704	72855155	73648120	0.96	cps
Chromium	52-2	228876	223758	216391	223009	2.81	cps
Cobalt	59-2	176568	172244	168400	172404	2.37	cps
Copper	63-2	162537	160890	156102	159843	2.09	cps
Dysprosium	156-1	58	67	67	64	7.53	cps
Dysprosium	156-2	57	30	80	56	45.03	cps
Erbium	164-1	108	167	117	131	24.16	cps
Erbium	164-2	47	113	53	71	51.64	cps
Gadolinium	160-1	133	208	175	172	21.82	cps
Gadolinium	160-2	627	533	607	589	8.34	cps
Holmium	165-1	20769881	21103084	20777106	20883357	0.91	cps
Holmium	165-2	10560340	10554173	10350256	10488256	1.14	cps
Indium	115-1	15782330	15765643	15665219	15737731	0.40	cps
Indium	115-2	3446634	3438577	3446839	3444017	0.14	cps
Iron	54-2	23653884	23368705	22547264	23189951	2.48	cps
Iron	56-2	436273188	429801343	415251498	427108676	2.52	cps
Iron	57-2	10969603	10744426	10247558	10653862	3.47	cps
Krypton	83-1	640	637	663	647	2.25	cps
Lead	206-1	284462	284906	284379	284583	0.10	cps
Lead	207-1	240497	240032	237633	239388	0.64	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 14:37:51	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	1109763	1108702	1105921	1108128	0.18	cps
Lithium	6-1	3848174	3889857	3851670	3863234	0.60	cps
Magnesium	24-2	40853033	40398801	39392669	40214834	1.86	cps
Manganese	55-2	96946	92572	90962	93493	3.31	cps
Molybdenum	94-1	8539652	8604489	8620663	8588268	0.50	cps
Molybdenum	95-1	14519332	14558025	14411668	14496342	0.52	cps
Molybdenum	96-1	15361826	15242751	15082896	15229158	0.92	cps
Molybdenum	97-1	8899532	8942720	8843639	8895297	0.56	cps
Molybdenum	98-1	22629932	22931782	22789840	22783852	0.66	cps
Neodymium	150-1	93	113	53	87	35.26	cps
Neodymium	150-2	23	17	20	20	16.65	cps
Nickel	60-2	54370	54016	52855	53747	1.47	cps
Phosphorus	31-2	1207100	1177522	1158829	1181150	2.06	cps
Potassium	39-2	44631058	44077811	43485498	44064789	1.30	cps
Rhodium	103-1	14583878	14338283	14463519	14461893	0.85	cps
Rhodium	103-2	7130574	7158664	7205621	7164953	0.53	cps
Scandium	45-1	11311148	11610375	11287506	11403010	1.58	cps
Scandium	45-2	647807	644360	647724	646630	0.30	cps
Selenium	82-1	6154	6033	6010	6066	1.28	cps
Selenium	77-2	360	343	310	338	7.54	cps
Selenium	78-2	1215	1248	1198	1220	2.09	cps
Silicon	28-1	1336370	1346985	1351826	1345060	0.59	cps
Silver	109-1	324504	327194	322628	324775	0.71	cps
Silver	107-1	343013	341845	337892	340917	0.79	cps
Sodium	23-2	75270775	74842666	72542695	74218712	1.98	cps
Strontium	86-1	425197	428661	426342	426733	0.41	cps
Strontium	88-1	3702552	3729865	3688275	3706897	0.57	cps
Sulfur	34-1	9216327	9284171	9137742	9212747	0.80	cps
Terbium	159-1	21221615	21348041	21204040	21257898	0.37	cps
Terbium	159-2	10490973	10280163	10421779	10397638	1.03	cps
Thallium	203-1	262635	266737	264705	264693	0.77	cps
Thallium	205-1	644808	635610	637687	639368	0.75	cps
Thorium	232-1	46053	45513	45535	45700	0.67	cps
Tin	118-1	593711	591293	588450	591151	0.45	cps
Titanium	47-1	4455762	4521328	4474150	4483747	0.75	cps
Uranium	238-1	2309236	2305702	2309454	2308131	0.09	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 14:37:51	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	89080	86900	84637	86872	2.56	cps
Yttrium	89-1	26068706	26189163	25804257	26020709	0.76	cps
Yttrium	89-2	4242799	4240662	4203898	4229119	0.52	cps
Zinc	66-2	28020	27901	27054	27658	1.91	cps
Zirconium	90-1	1323610	1324471	1326101	1324727	0.10	cps
Zirconium	91-1	295920	295289	294976	295395	0.16	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 14:57:19	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9844324	9769300	9592748	9735458	1.33	cps
Antimony	121-1	6634165	6521532	6651019	6602239	1.07	cps
Arsenic	75-2	273791	273489	267152	271477	1.38	cps
Barium	135-1	8912597	8696197	8817544	8808779	1.23	cps
Barium	137-1	15183545	15279754	15251900	15238399	0.32	cps
Beryllium	9-1	1381357	1381129	1375981	1379489	0.22	cps
Bismuth	209-1	12039962	11825420	11954849	11940077	0.90	cps
Bismuth	209-2	6326824	6313419	6279164	6306469	0.39	cps
Boron	10-1	236980	234676	236807	236155	0.54	cps
Boron	11-1	1061713	1068615	1078744	1069691	0.80	cps
Bromine	81-1	54712	55817	54537	55022	1.26	cps
Bromine	81-2	120	140	180	147	20.83	cps
Cadmium	111-1	2036255	2020633	2030464	2029117	0.39	cps
Cadmium	106-1	244646	245442	243152	244413	0.48	cps
Cadmium	108-1	157650	157570	159293	158171	0.61	cps
Calcium	43-1	11686486	11719904	11522336	11642909	0.91	cps
Calcium	44-1	186458483	185599878	183128833	185062398	0.93	cps
Chromium	52-2	3023985	3008418	2972272	3001558	0.88	cps
Cobalt	59-2	4091403	4026993	3993022	4037139	1.24	cps
Copper	63-2	28215920	28211024	27762425	28063123	0.93	cps
Dysprosium	156-1	675	675	742	697	5.52	cps
Dysprosium	156-2	517	707	537	587	17.80	cps
Erbium	164-1	150	150	150	150	0.00	cps
Erbium	164-2	83	57	63	68	20.47	cps
Gadolinium	160-1	875	808	667	783	13.58	cps
Gadolinium	160-2	873	967	823	888	8.19	cps
Holmium	165-1	20161028	20223574	19952232	20112278	0.71	cps
Holmium	165-2	10373818	10425173	10238680	10345890	0.93	cps
Indium	115-1	15378480	15283969	15314692	15325714	0.31	cps
Indium	115-2	3388038	3411228	3415928	3405064	0.44	cps
Iron	54-2	28395650	28768482	27864216	28342783	1.60	cps
Iron	56-2	524454845	522024812	517893623	521457760	0.64	cps
Iron	57-2	13171085	13159345	12870183	13066871	1.30	cps
Krypton	83-1	807	727	677	737	8.90	cps
Lead	206-1	28897146	28581492	28025274	28501304	1.55	cps
Lead	207-1	25890712	25752679	26009433	25884275	0.50	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 14:57:19	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	116672471	116440103	115957826	116356800	0.31	cps
Lithium	6-1	3774064	4007568	3819675	3867102	3.20	cps
Magnesium	24-2	108928552	107571911	106205877	107568780	1.27	cps
Manganese	55-2	17480761	17415633	17195365	17363919	0.86	cps
Molybdenum	94-1	15004514	14899759	14786048	14896774	0.73	cps
Molybdenum	95-1	18612746	18189576	18205331	18335884	1.31	cps
Molybdenum	96-1	20387621	19954654	19840864	20061046	1.44	cps
Molybdenum	97-1	11375479	11248791	11389606	11337959	0.68	cps
Molybdenum	98-1	29126963	29248529	29158961	29178151	0.22	cps
Neodymium	150-1	1000	920	993	971	4.57	cps
Neodymium	150-2	120	103	83	102	17.96	cps
Nickel	60-2	1038957	1039461	1019538	1032652	1.10	cps
Phosphorus	31-2	128262	125433	126842	126846	1.12	cps
Potassium	39-2	58417401	58658753	57824089	58300081	0.74	cps
Rhodium	103-1	13929519	13840899	14004998	13925139	0.59	cps
Rhodium	103-2	6959169	6973163	6877199	6936510	0.75	cps
Scandium	45-1	11717386	11509306	11404691	11543794	1.38	cps
Scandium	45-2	659259	659151	663569	660659	0.38	cps
Selenium	82-1	148485	147925	146907	147772	0.54	cps
Selenium	77-2	8456	8476	7992	8308	3.29	cps
Selenium	78-2	29073	28585	28431	28697	1.17	cps
Silicon	28-1	6694232	6634983	6674938	6668051	0.45	cps
Silver	109-1	8184326	8242191	8304355	8243624	0.73	cps
Silver	107-1	8479936	8677973	8682051	8613320	1.34	cps
Sodium	23-2	191160763	191903471	186958988	190007740	1.40	cps
Strontium	86-1	2506152	2493000	2512007	2503720	0.39	cps
Strontium	88-1	22015415	21872047	21882769	21923411	0.36	cps
Sulfur	34-1	1593831	1604316	1581145	1593098	0.73	cps
Terbium	159-1	20797386	20396178	20612864	20602143	0.97	cps
Terbium	159-2	10200812	10162788	10102796	10155465	0.49	cps
Thallium	203-1	6070922	6188168	6160403	6139831	1.00	cps
Thallium	205-1	15998170	15744948	15811669	15851595	0.83	cps
Thorium	232-1	25500587	25531730	25644550	25558956	0.30	cps
Tin	118-1	5711778	5655769	5698293	5688613	0.51	cps
Titanium	47-1	5638610	5601129	5649229	5629656	0.45	cps
Uranium	238-1	24618652	24189729	24442479	24416953	0.88	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 14:57:19	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2283228	2258945	2223045	2255073	1.34	cps
Yttrium	89-1	25764415	25344083	25726430	25611642	0.91	cps
Yttrium	89-2	4256183	4242840	4232876	4243966	0.28	cps
Zinc	66-2	4059061	4073946	3959114	4030707	1.55	cps
Zirconium	90-1	12727653	12707600	12937130	12790794	0.99	cps
Zirconium	91-1	2884883	2844120	2897081	2875361	0.96	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 15:09:55	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	175	250	283	236	23.50	cps
Antimony	121-1	242	292	333	289	15.89	cps
Arsenic	75-2	19	13	9	14	34.32	cps
Barium	135-1	75	42	92	69	36.66	cps
Barium	137-1	117	83	125	108	20.35	cps
Beryllium	9-1	133	61	83	93	39.95	cps
Bismuth	209-1	13737710	13683661	13427215	13616195	1.22	cps
Bismuth	209-2	7823576	7816733	7852911	7831073	0.25	cps
Boron	10-1	4802	5243	4302	4782	9.85	cps
Boron	11-1	21541	21674	21416	21544	0.60	cps
Bromine	81-1	56252	56746	56403	56467	0.45	cps
Bromine	81-2	150	170	120	147	17.16	cps
Cadmium	111-1	8464	8864	8397	8575	2.94	cps
Cadmium	106-1	12114	12673	11997	12261	2.94	cps
Cadmium	108-1	46	46	25	39	30.93	cps
Calcium	43-1	333	317	283	311	8.18	cps
Calcium	44-1	21640	22114	23228	22327	3.65	cps
Chromium	52-2	1136	1272	1105	1171	7.57	cps
Cobalt	59-2	80	107	130	106	23.70	cps
Copper	63-2	2320	2200	2150	2224	3.93	cps
Dysprosium	156-1	50	42	25	39	32.73	cps
Dysprosium	156-2	17	23	20	20	16.65	cps
Erbium	164-1	133	75	108	106	27.73	cps
Erbium	164-2	50	37	67	51	29.41	cps
Gadolinium	160-1	267	258	200	242	15.03	cps
Gadolinium	160-2	593	570	570	578	2.33	cps
Holmium	165-1	20608132	20457611	21040138	20701960	1.46	cps
Holmium	165-2	10687347	10536234	10540714	10588098	0.81	cps
Indium	115-1	16896675	16812084	16397091	16701950	1.60	cps
Indium	115-2	3699508	3700074	3668812	3689465	0.48	cps
Iron	54-2	1432	1582	1712	1575	8.91	cps
Iron	56-2	11977	12361	12600	12313	2.55	cps
Iron	57-2	1000	1050	1006	1019	2.69	cps
Krypton	83-1	563	723	607	631	13.11	cps
Lead	206-1	2473	2550	2428	2484	2.49	cps
Lead	207-1	2117	2134	1839	2030	8.15	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 15:09:55	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	10124	9768	9290	9728	4.30	cps
Lithium	6-1	3982871	4101378	4104374	4062874	1.71	cps
Magnesium	24-2	533	633	683	617	12.39	cps
Manganese	55-2	167	157	167	163	3.53	cps
Molybdenum	94-1	475	517	650	547	16.71	cps
Molybdenum	95-1	208	275	167	217	25.22	cps
Molybdenum	96-1	350	333	358	347	3.67	cps
Molybdenum	97-1	100	92	100	97	4.95	cps
Molybdenum	98-1	317	392	408	372	13.12	cps
Neodymium	150-1	0	0	20	7	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	50	57	103	70	41.51	cps
Phosphorus	31-2	167	133	142	147	11.78	cps
Potassium	39-2	81959	82419	82897	82425	0.57	cps
Rhodium	103-1	15764884	15895963	15580486	15747111	1.01	cps
Rhodium	103-2	7782884	7844137	7803310	7810110	0.40	cps
Scandium	45-1	11839784	11910246	11815105	11855045	0.42	cps
Scandium	45-2	675754	671427	666417	671199	0.70	cps
Selenium	82-1	312	47	190	183	72.51	cps
Selenium	77-2	0	0	10	3	173.21	cps
Selenium	78-2	154	172	159	162	5.87	cps
Silicon	28-1	625280	620205	623522	623002	0.41	cps
Silver	109-1	150	283	167	200	36.33	cps
Silver	107-1	350	317	233	300	20.03	cps
Sodium	23-2	56540	56498	55478	56172	1.07	cps
Strontium	86-1	1042	933	1092	1022	7.92	cps
Strontium	88-1	350	367	275	331	14.77	cps
Sulfur	34-1	730641	723418	729997	728019	0.55	cps
Terbium	159-1	21067456	21140330	21255244	21154343	0.45	cps
Terbium	159-2	10494878	10467614	10535268	10499253	0.32	cps
Thallium	203-1	1025	1050	1183	1086	7.84	cps
Thallium	205-1	2334	2467	2242	2347	4.82	cps
Thorium	232-1	1022	911	989	974	5.85	cps
Tin	118-1	1258	1217	1425	1300	8.48	cps
Titanium	47-1	217	125	158	167	27.84	cps
Uranium	238-1	42	25	92	53	65.74	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 15:09:55	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	20	10	30	20	50.00	cps
Yttrium	89-1	26622502	26756748	26311134	26563461	0.86	cps
Yttrium	89-2	4432124	4411405	4378860	4407463	0.61	cps
Zinc	66-2	587	714	993	765	27.21	cps
Zirconium	90-1	1250	1292	1350	1297	3.87	cps
Zirconium	91-1	208	192	317	239	28.41	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 15:26:48	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4559	4251	3942	4251	7.26	cps
Antimony	121-1	26225	25741	25849	25938	0.98	cps
Arsenic	75-2	572	572	504	549	7.20	cps
Barium	135-1	32840	34209	34209	33753	2.34	cps
Barium	137-1	59076	59436	59184	59232	0.31	cps
Beryllium	9-1	2784	3084	2939	2936	5.11	cps
Bismuth	209-1	13026564	13252853	13109749	13129722	0.87	cps
Bismuth	209-2	7718218	7773589	7770326	7754044	0.40	cps
Boron	10-1	12625	13362	13285	13091	3.10	cps
Boron	11-1	62922	63893	63935	63584	0.90	cps
Bromine	81-1	61424	56704	59322	59150	4.00	cps
Bromine	81-2	100	90	160	117	32.45	cps
Cadmium	111-1	12812	12720	12754	12762	0.37	cps
Cadmium	106-1	12789	12422	12614	12609	1.46	cps
Cadmium	108-1	267	300	413	326	23.41	cps
Calcium	43-1	25689	24596	24629	24972	2.49	cps
Calcium	44-1	433690	429849	427532	430357	0.72	cps
Chromium	52-2	15675	15023	13628	14775	7.08	cps
Cobalt	59-2	8926	8209	7989	8375	5.85	cps
Copper	63-2	14584	14327	13423	14111	4.32	cps
Dysprosium	156-1	42	33	17	31	41.66	cps
Dysprosium	156-2	7	13	10	10	33.30	cps
Erbium	164-1	92	167	75	111	43.95	cps
Erbium	164-2	57	47	80	61	27.99	cps
Gadolinium	160-1	217	158	183	186	15.73	cps
Gadolinium	160-2	560	607	537	568	6.28	cps
Holmium	165-1	20448460	20390623	20989259	20609447	1.60	cps
Holmium	165-2	10472183	10526817	10609379	10536126	0.66	cps
Indium	115-1	16762264	17045955	16672429	16826883	1.16	cps
Indium	115-2	3713615	3720068	3757676	3730453	0.64	cps
Iron	54-2	14893	14111	13039	14014	6.64	cps
Iron	56-2	250418	237278	218770	235489	6.75	cps
Iron	57-2	7107	6635	6235	6659	6.56	cps
Krypton	83-1	740	667	650	686	6.98	cps
Lead	206-1	11461	10866	11427	11251	2.97	cps
Lead	207-1	9693	10015	9526	9744	2.55	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 15:26:48	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	44880	44764	44708	44784	0.20	cps
Lithium	6-1	4172096	4172416	4102800	4149104	0.97	cps
Magnesium	24-2	228979	218452	202145	216525	6.24	cps
Manganese	55-2	3714	3530	3204	3483	7.42	cps
Molybdenum	94-1	30934	30692	30032	30553	1.53	cps
Molybdenum	95-1	37734	37157	35770	36887	2.74	cps
Molybdenum	96-1	40282	41879	41276	41146	1.96	cps
Molybdenum	97-1	22151	23779	23486	23139	3.75	cps
Molybdenum	98-1	59298	59533	58445	59092	0.97	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	2457	2240	1950	2216	11.48	cps
Phosphorus	31-2	200	242	167	203	18.53	cps
Potassium	39-2	329785	321570	313434	321596	2.54	cps
Rhodium	103-1	15932982	15883962	16200316	16005753	1.06	cps
Rhodium	103-2	7954151	7884681	8019497	7952776	0.85	cps
Scandium	45-1	12109287	12115033	12105587	12109969	0.04	cps
Scandium	45-2	693117	692409	695540	693689	0.24	cps
Selenium	82-1	1616	1698	1711	1675	3.07	cps
Selenium	77-2	80	77	100	86	14.75	cps
Selenium	78-2	472	481	487	480	1.56	cps
Silicon	28-1	747398	750031	749478	748969	0.19	cps
Silver	109-1	16919	17570	18387	17625	4.17	cps
Silver	107-1	19147	19013	19097	19085	0.35	cps
Sodium	23-2	460983	446120	424142	443748	4.18	cps
Strontium	86-1	6193	6210	6360	6254	1.47	cps
Strontium	88-1	44319	44846	43065	44077	2.08	cps
Sulfur	34-1	794174	788359	788890	790474	0.41	cps
Terbium	159-1	21160384	20954005	21126283	21080224	0.52	cps
Terbium	159-2	10486297	10457324	10614807	10519476	0.80	cps
Thallium	203-1	12765	12848	12948	12854	0.71	cps
Thallium	205-1	29792	30761	30828	30460	1.90	cps
Thorium	232-1	661	611	650	641	4.10	cps
Tin	118-1	58840	59108	57418	58455	1.55	cps
Titanium	47-1	11021	11546	11813	11460	3.52	cps
Uranium	238-1	40062	39469	40773	40101	1.63	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 15:26:48	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	22240	22163	20184	21529	5.41	cps
Yttrium	89-1	26909758	27233713	26921300	27021590	0.68	cps
Yttrium	89-2	4514800	4487161	4495654	4499205	0.31	cps
Zinc	66-2	2512	2492	2525	2510	0.66	cps
Zirconium	90-1	26467	26258	27343	26689	2.16	cps
Zirconium	91-1	6260	5726	6093	6026	4.53	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3972-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 15:40:20	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	588546	548913	493332	543597	8.80	cps
Antimony	121-1	4493932	4459917	4485696	4479848	0.40	cps
Arsenic	75-2	305101	285137	264775	285004	7.07	cps
Barium	135-1	4874585	4887042	4894109	4885245	0.20	cps
Barium	137-1	8810165	8769510	8848824	8809500	0.45	cps
Beryllium	9-1	437868	430162	431771	433267	0.94	cps
Bismuth	209-1	12927998	13360701	13510963	13266554	2.28	cps
Bismuth	209-2	7817823	7639449	7681855	7713043	1.21	cps
Boron	10-1	812859	827712	824687	821752	0.96	cps
Boron	11-1	3838152	3976063	3891524	3901913	1.78	cps
Bromine	81-1	57005	58670	56394	57357	2.05	cps
Bromine	81-2	140	110	110	120	14.44	cps
Cadmium	111-1	1665693	1661860	1674597	1667383	0.39	cps
Cadmium	106-1	164384	161148	161812	162448	1.05	cps
Cadmium	108-1	112024	112432	112452	112303	0.22	cps
Calcium	43-1	2859	2809	2800	2823	1.12	cps
Calcium	44-1	-40958	-39935	-41193	-40695	-1.64	cps
Chromium	52-2	2480685	2328030	2119016	2309244	7.86	cps
Cobalt	59-2	5155109	4881880	4480067	4839019	7.02	cps
Copper	63-2	1418075	1345733	1241818	1335208	6.64	cps
Dysprosium	156-1	50	92	58	67	33.08	cps
Dysprosium	156-2	193	153	167	171	11.90	cps
Erbium	164-1	92	117	117	108	13.32	cps
Erbium	164-2	30	53	53	46	29.57	cps
Gadolinium	160-1	208	142	150	167	21.80	cps
Gadolinium	160-2	560	513	580	551	6.21	cps
Holmium	165-1	19911437	20493144	20641493	20348691	1.90	cps
Holmium	165-2	10699909	10269848	10525283	10498347	2.06	cps
Indium	115-1	16558339	16492734	16673750	16574941	0.55	cps
Indium	115-2	3688647	3655190	3647058	3663632	0.60	cps
Iron	54-2	925391	864856	780508	856919	8.49	cps
Iron	56-2	15549405	14413821	13009025	14324084	8.88	cps
Iron	57-2	393701	366115	333313	364376	8.30	cps
Krypton	83-1	650	787	600	679	14.23	cps
Lead	206-1	12003727	11866535	11953551	11941271	0.58	cps
Lead	207-1	10607365	10679178	10667333	10651292	0.36	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3972-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 15:40:20	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	48217588	48581720	48649781	48483030	0.48	cps
Lithium	6-1	4112158	4097924	4133388	4114490	0.43	cps
Magnesium	24-2	283	450	350	361	23.23	cps
Manganese	55-2	2055804	1943525	1789208	1929512	6.94	cps
Molybdenum	94-1	1727093	1703755	1697545	1709465	0.91	cps
Molybdenum	95-1	3028179	3001512	2995954	3008548	0.57	cps
Molybdenum	96-1	3166532	3170485	3164371	3167129	0.10	cps
Molybdenum	97-1	1884966	1861329	1861020	1869105	0.73	cps
Molybdenum	98-1	4833533	4800827	4710982	4781780	1.33	cps
Neodymium	150-1	453	453	547	484	11.12	cps
Neodymium	150-2	53	40	37	43	20.34	cps
Nickel	60-2	1023520	956149	884421	954697	7.29	cps
Phosphorus	31-2	158	200	125	161	23.33	cps
Potassium	39-2	79362	78097	79161	78873	0.86	cps
Rhodium	103-1	15862417	15911981	15906139	15893512	0.17	cps
Rhodium	103-2	7844237	7908582	7691207	7814675	1.43	cps
Scandium	45-1	11804090	11903828	11835005	11847641	0.43	cps
Scandium	45-2	679487	665658	670109	671751	1.05	cps
Selenium	82-1	45587	44814	44541	44981	1.21	cps
Selenium	77-2	2447	2247	2230	2308	5.22	cps
Selenium	78-2	8640	8201	7702	8181	5.73	cps
Silicon	28-1	1694813	1687687	1683631	1688710	0.34	cps
Silver	109-1	12876992	13048472	12888749	12938071	0.74	cps
Silver	107-1	13563902	13610410	13372372	13515561	0.93	cps
Sodium	23-2	70943	70766	69034	70248	1.50	cps
Strontium	86-1	413490	417801	414836	415376	0.53	cps
Strontium	88-1	3611462	3606637	3603880	3607327	0.11	cps
Sulfur	34-1	755212	742807	737291	745103	1.23	cps
Terbium	159-1	20699351	21098006	20754875	20850744	1.04	cps
Terbium	159-2	10495366	10288688	10420108	10401388	1.01	cps
Thallium	203-1	1506679	1516346	1505366	1509464	0.40	cps
Thallium	205-1	3643805	3691416	3677264	3670828	0.67	cps
Thorium	232-1	428	594	533	519	16.26	cps
Tin	118-1	1392	1108	1400	1300	12.77	cps
Titanium	47-1	283	500	433	406	27.36	cps
Uranium	238-1	8	42	25	25	66.68	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3972-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 15:40:20	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	7612018	7103011	6549168	7088066	7.50	cps
Yttrium	89-1	26527365	26690204	26783646	26667072	0.49	cps
Yttrium	89-2	4420646	4375751	4366848	4387748	0.66	cps
Zinc	66-2	688456	648043	597573	644691	7.06	cps
Zirconium	90-1	3209	3709	3542	3487	7.30	cps
Zirconium	91-1	2209	2534	2117	2286	9.58	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3972-04	Instrument Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 15:43:45	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18262	16493	15000	16585	9.85	cps
Antimony	121-1	883	1025	842	917	10.48	cps
Arsenic	75-2	15	30	13	19	47.76	cps
Barium	135-1	683	658	717	686	4.27	cps
Barium	137-1	950	1175	1125	1083	10.91	cps
Beryllium	9-1	72	67	94	78	18.90	cps
Bismuth	209-1	13485135	13302323	13129042	13305500	1.34	cps
Bismuth	209-2	7663853	7682835	7624032	7656907	0.39	cps
Boron	10-1	124594	120015	119813	121474	2.23	cps
Boron	11-1	586030	589634	581172	585612	0.73	cps
Bromine	81-1	58678	59657	62209	60181	3.03	cps
Bromine	81-2	731	661	741	711	6.14	cps
Cadmium	111-1	8351	8465	8086	8301	2.35	cps
Cadmium	106-1	11864	12055	11538	11819	2.21	cps
Cadmium	108-1	58	75	100	78	26.97	cps
Calcium	43-1	650	625	658	644	2.69	cps
Calcium	44-1	30844	31972	32042	31619	2.13	cps
Chromium	52-2	5347	5340	4801	5163	6.07	cps
Cobalt	59-2	790	617	533	647	20.25	cps
Copper	63-2	2860	2667	2847	2791	3.87	cps
Dysprosium	156-1	33	42	42	39	12.38	cps
Dysprosium	156-2	17	30	27	24	28.38	cps
Erbium	164-1	108	92	58	86	29.56	cps
Erbium	164-2	30	70	60	53	39.03	cps
Gadolinium	160-1	158	292	233	228	29.34	cps
Gadolinium	160-2	507	567	587	553	7.52	cps
Holmium	165-1	20378156	20228359	20043238	20216584	0.83	cps
Holmium	165-2	10186866	10270229	10372178	10276425	0.90	cps
Indium	115-1	15870915	15380580	15978868	15743455	2.03	cps
Indium	115-2	3473609	3422182	3452350	3449380	0.75	cps
Iron	54-2	66869	59289	52828	59662	11.78	cps
Iron	56-2	1184466	1066031	948622	1066373	11.06	cps
Iron	57-2	29919	26229	23781	26643	11.60	cps
Krypton	83-1	667	720	593	660	9.64	cps
Lead	206-1	8759	8247	8108	8371	4.09	cps
Lead	207-1	7085	7319	7052	7152	2.03	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3972-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 15:43:45	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	32549	32354	32433	32445	0.30	cps
Lithium	6-1	4050334	4018050	4073032	4047139	0.68	cps
Magnesium	24-2	3459	2884	3100	3148	9.23	cps
Manganese	55-2	610	540	463	538	13.64	cps
Molybdenum	94-1	12347	13273	12923	12848	3.64	cps
Molybdenum	95-1	1283	1492	1258	1345	9.53	cps
Molybdenum	96-1	3609	3801	3551	3653	3.58	cps
Molybdenum	97-1	783	717	775	758	4.79	cps
Molybdenum	98-1	2250	1917	2159	2109	8.17	cps
Neodymium	150-1	20	13	47	27	66.16	cps
Neodymium	150-2	10	3	10	8	49.52	cps
Nickel	60-2	990	997	947	978	2.78	cps
Phosphorus	31-2	108	133	150	131	16.06	cps
Potassium	39-2	76388	74663	76665	75905	1.43	cps
Rhodium	103-1	15458548	15420353	15411914	15430272	0.16	cps
Rhodium	103-2	7592367	7567663	7519601	7559877	0.49	cps
Scandium	45-1	11525982	11418761	11346491	11430411	0.79	cps
Scandium	45-2	643210	644163	633489	640287	0.92	cps
Selenium	82-1	57	58	239	118	88.97	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	161	143	122	142	13.70	cps
Silicon	28-1	17085439	17223212	16730784	17013145	1.49	cps
Silver	109-1	842	658	917	806	16.50	cps
Silver	107-1	1133	1033	992	1053	6.92	cps
Sodium	23-2	201870	196217	183214	193767	4.94	cps
Strontium	86-1	1150	1000	1133	1095	7.51	cps
Strontium	88-1	1025	992	942	986	4.25	cps
Sulfur	34-1	679411	687918	681097	682809	0.66	cps
Terbium	159-1	20877395	21337243	20931022	21048553	1.19	cps
Terbium	159-2	10379888	10442403	10118681	10313657	1.67	cps
Thallium	203-1	1725	1892	1975	1864	6.83	cps
Thallium	205-1	4668	4276	4342	4429	4.73	cps
Thorium	232-1	689	800	722	737	7.74	cps
Tin	118-1	20671644	20367061	20571118	20536608	0.76	cps
Titanium	47-1	583567	591568	576348	583828	1.30	cps
Uranium	238-1	42	92	25	53	65.74	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3972-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 15:43:45	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	217	240	180	212	14.25	cps
Yttrium	89-1	26284855	25915518	25403896	25868090	1.71	cps
Yttrium	89-2	4272908	4165390	4186654	4208317	1.35	cps
Zinc	66-2	1066	1165	1192	1141	5.82	cps
Zirconium	90-1	35386	35737	32897	34673	4.47	cps
Zirconium	91-1	7377	7794	7219	7463	3.98	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3972-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 15:47:12	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	108	133	136	21.50	cps
Antimony	121-1	1175	1050	808	1011	18.44	cps
Arsenic	75-2	69	44	44	52	26.50	cps
Barium	135-1	1733	1425	1767	1642	11.48	cps
Barium	137-1	3384	2842	2792	3006	10.92	cps
Beryllium	9-1	83	67	50	67	25.00	cps
Bismuth	209-1	18391606	18022172	17350590	17921456	2.94	cps
Bismuth	209-2	9947455	9714130	10687895	10116493	5.03	cps
Boron	10-1	15234	15092	14908	15078	1.08	cps
Boron	11-1	73453	70104	72666	72074	2.43	cps
Bromine	81-1	57264	56687	55491	56481	1.60	cps
Bromine	81-2	671	621	671	654	4.42	cps
Cadmium	111-1	12281	12048	11697	12008	2.45	cps
Cadmium	106-1	17102	16869	16427	16799	2.04	cps
Cadmium	108-1	46	63	63	57	16.90	cps
Calcium	43-1	1399607	1391885	1388202	1393231	0.42	cps
Calcium	44-1	21434500	21186702	21250589	21290597	0.60	cps
Chromium	52-2	533	565	608	569	6.64	cps
Cobalt	59-2	377	340	317	344	8.78	cps
Copper	63-2	2124	2037	2244	2135	4.86	cps
Dysprosium	156-1	50	75	67	64	19.92	cps
Dysprosium	156-2	17	33	17	22	43.28	cps
Erbium	164-1	158	100	175	144	27.27	cps
Erbium	164-2	53	43	60	52	16.07	cps
Gadolinium	160-1	200	208	317	242	26.93	cps
Gadolinium	160-2	743	663	887	764	14.80	cps
Holmium	165-1	28990363	27982539	27963840	28312247	2.07	cps
Holmium	165-2	13651796	13623906	14651269	13975657	4.19	cps
Indium	115-1	22602491	22061354	21279790	21981212	3.03	cps
Indium	115-2	4662533	4652415	5180063	4831670	6.25	cps
Iron	54-2	691	681	771	714	6.91	cps
Iron	56-2	11638	12366	12305	12103	3.34	cps
Iron	57-2	19841	19624	19480	19649	0.93	cps
Krypton	83-1	647	657	677	660	2.31	cps
Lead	206-1	16093	15865	16427	16129	1.75	cps
Lead	207-1	14886	14986	14591	14821	1.39	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3972-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 15:47:12	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	66377	66444	65123	65981	1.13	cps
Lithium	6-1	5789074	5650649	5662820	5700848	1.34	cps
Magnesium	24-2	19579492	19285830	19290829	19385384	0.87	cps
Manganese	55-2	673	713	660	682	4.07	cps
Molybdenum	94-1	2675	2167	2367	2403	10.66	cps
Molybdenum	95-1	3826	3767	3976	3856	2.79	cps
Molybdenum	96-1	4134	4217	3892	4081	4.14	cps
Molybdenum	97-1	2184	2459	2242	2295	6.32	cps
Molybdenum	98-1	5876	5876	5535	5762	3.42	cps
Neodymium	150-1	20	7	7	11	69.25	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	273	317	283	291	7.79	cps
Phosphorus	31-2	58	125	67	83	43.58	cps
Potassium	39-2	17553505	17328369	17327452	17403109	0.75	cps
Rhodium	103-1	21397847	20559862	20430819	20796176	2.52	cps
Rhodium	103-2	9839587	9893327	10579043	10103986	4.08	cps
Scandium	45-1	16221149	15860484	15587688	15889774	2.00	cps
Scandium	45-2	883590	875632	937867	899030	3.77	cps
Selenium	82-1	206	153	163	174	16.28	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	170	176	157	168	5.66	cps
Silicon	28-1	511573	524123	521795	519164	1.29	cps
Silver	109-1	525	383	492	467	15.87	cps
Silver	107-1	608	725	642	658	9.13	cps
Sodium	23-2	42453518	41748095	41674046	41958553	1.03	cps
Strontium	86-1	17077	17119	16151	16782	3.26	cps
Strontium	88-1	141238	137469	133887	137532	2.67	cps
Sulfur	34-1	773321	795969	816447	795246	2.71	cps
Terbium	159-1	29799116	28566595	28513381	28959697	2.51	cps
Terbium	159-2	13603166	13538217	14756637	13966007	4.91	cps
Thallium	203-1	7569	6002	4968	6179	21.20	cps
Thallium	205-1	18605	15076	11872	15184	22.18	cps
Thorium	232-1	456	517	567	513	10.85	cps
Tin	118-1	3025	2850	2925	2934	2.99	cps
Titanium	47-1	183	183	325	231	35.48	cps
Uranium	238-1	33	25	33	31	15.74	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3972-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 15:47:12	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	87	97	77	87	11.54	cps
Yttrium	89-1	36707066	35409999	35071667	35729577	2.42	cps
Yttrium	89-2	5736774	5648962	6091581	5825772	4.02	cps
Zinc	66-2	1293	1175	1167	1212	5.83	cps
Zirconium	90-1	1342	1350	1342	1345	0.36	cps
Zirconium	91-1	308	308	225	281	17.15	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3973-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 15:50:38	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11997	10954	9253	10735	12.90	cps
Antimony	121-1	325	375	508	403	23.53	cps
Arsenic	75-2	9	11	4	8	48.07	cps
Barium	135-1	550	608	667	608	9.59	cps
Barium	137-1	758	775	800	778	2.70	cps
Beryllium	9-1	50	44	67	54	21.53	cps
Bismuth	209-1	13291438	13509922	13595959	13465773	1.17	cps
Bismuth	209-2	7727101	7626712	7669526	7674446	0.66	cps
Boron	10-1	107229	107286	107396	107304	0.08	cps
Boron	11-1	514923	519892	521425	518747	0.66	cps
Bromine	81-1	59942	60310	60971	60408	0.86	cps
Bromine	81-2	1011	821	731	854	16.75	cps
Cadmium	111-1	8458	8286	8440	8395	1.13	cps
Cadmium	106-1	12139	11897	12080	12039	1.05	cps
Cadmium	108-1	92	96	71	86	15.56	cps
Calcium	43-1	383	483	442	436	11.52	cps
Calcium	44-1	28961	29213	28473	28882	1.30	cps
Chromium	52-2	1368	1388	1356	1371	1.18	cps
Cobalt	59-2	610	510	477	532	13.04	cps
Copper	63-2	3004	2937	2934	2958	1.34	cps
Dysprosium	156-1	25	83	58	56	52.68	cps
Dysprosium	156-2	40	20	27	29	35.25	cps
Erbium	164-1	92	83	58	78	22.30	cps
Erbium	164-2	43	70	43	52	29.49	cps
Gadolinium	160-1	208	142	275	208	32.00	cps
Gadolinium	160-2	507	550	553	537	4.85	cps
Holmium	165-1	20244067	20538114	20327848	20370010	0.74	cps
Holmium	165-2	10310607	10239500	10401631	10317246	0.79	cps
Indium	115-1	15972916	15748827	15935626	15885790	0.76	cps
Indium	115-2	3452726	3468434	3488445	3469868	0.52	cps
Iron	54-2	1692	1722	1522	1645	6.56	cps
Iron	56-2	14802	14974	14752	14843	0.79	cps
Iron	57-2	1011	1039	1117	1056	5.18	cps
Krypton	83-1	627	597	657	627	4.79	cps
Lead	206-1	7908	8147	8203	8086	1.94	cps
Lead	207-1	7169	7208	7074	7150	0.96	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3973-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 15:50:38	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	31943	32733	32933	32536	1.61	cps
Lithium	6-1	3982431	4071231	4033571	4029077	1.11	cps
Magnesium	24-2	675	683	692	683	1.22	cps
Manganese	55-2	277	220	177	224	22.34	cps
Molybdenum	94-1	11730	11363	12464	11852	4.73	cps
Molybdenum	95-1	142	192	208	181	19.22	cps
Molybdenum	96-1	2309	2117	2325	2250	5.15	cps
Molybdenum	97-1	150	92	117	119	24.50	cps
Molybdenum	98-1	275	267	258	267	3.13	cps
Neodymium	150-1	33	27	13	24	41.66	cps
Neodymium	150-2	3	13	3	7	86.65	cps
Nickel	60-2	807	690	673	723	10.04	cps
Phosphorus	31-2	217	150	125	164	28.91	cps
Potassium	39-2	80049	77032	78574	78551	1.92	cps
Rhodium	103-1	15278888	15258693	15300240	15279274	0.14	cps
Rhodium	103-2	7660038	7699748	7633081	7664289	0.44	cps
Scandium	45-1	11357492	11384371	11367484	11369782	0.12	cps
Scandium	45-2	644261	642987	645197	644148	0.17	cps
Selenium	82-1	92	211	152	152	39.23	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	144	141	154	146	4.57	cps
Silicon	28-1	17078047	17121035	16973533	17057538	0.44	cps
Silver	109-1	400	408	358	389	6.89	cps
Silver	107-1	733	633	708	692	7.53	cps
Sodium	23-2	183263	176922	170213	176799	3.69	cps
Strontium	86-1	1108	1192	1142	1147	3.66	cps
Strontium	88-1	767	700	817	761	7.69	cps
Sulfur	34-1	814093	802148	774373	796871	2.56	cps
Terbium	159-1	20688067	20857923	21045919	20863970	0.86	cps
Terbium	159-2	10256804	10276614	10491180	10341533	1.26	cps
Thallium	203-1	1834	1750	1984	1856	6.37	cps
Thallium	205-1	4151	4426	4201	4259	3.44	cps
Thorium	232-1	583	717	761	687	13.47	cps
Tin	118-1	20387148	20784849	20815205	20662401	1.16	cps
Titanium	47-1	580621	573563	579549	577911	0.66	cps
Uranium	238-1	50	75	83	69	24.98	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3973-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 15:50:38	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	120	77	63	87	34.19	cps
Yttrium	89-1	25720138	25770006	25859813	25783319	0.27	cps
Yttrium	89-2	4218471	4241235	4250559	4236755	0.39	cps
Zinc	66-2	672	871	1090	878	23.78	cps
Zirconium	90-1	33815	33473	33247	33512	0.85	cps
Zirconium	91-1	7227	7227	7669	7374	3.46	cps

LB Number : LB111396 Operator : JASWAL
 Lab Sample ID : L3973-02 Instrumnet Name : P7
 Client Sample ID : PT-TM1-WP Dilution Factor : 1
 Date & Time Acquired :: 2020-10-07 15:54:07 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	561093	535161	491558	529271	6.64	cps
Antimony	121-1	4451815	4417247	4457979	4442347	0.49	cps
Arsenic	75-2	297250	282507	263241	280999	6.07	cps
Barium	135-1	4870858	4870796	4919930	4887194	0.58	cps
Barium	137-1	8738308	8840111	8738852	8772424	0.67	cps
Beryllium	9-1	415016	418912	412744	415557	0.75	cps
Bismuth	209-1	13431169	13622411	13646886	13566822	0.87	cps
Bismuth	209-2	7805515	7601510	7593203	7666742	1.57	cps
Boron	10-1	779526	808286	807932	798582	2.07	cps
Boron	11-1	3753317	3824502	3844820	3807546	1.26	cps
Bromine	81-1	54470	55909	54411	54930	1.54	cps
Bromine	81-2	180	140	260	194	31.60	cps
Cadmium	111-1	1657478	1645877	1642783	1648713	0.47	cps
Cadmium	106-1	158940	160929	159202	159690	0.68	cps
Cadmium	108-1	112494	109169	109618	110427	1.63	cps
Calcium	43-1	2867	3000	2834	2900	3.04	cps
Calcium	44-1	-40658	-39749	-39953	-40120	-1.19	cps
Chromium	52-2	2421251	2312986	2104233	2279490	7.07	cps
Cobalt	59-2	5018481	4753464	4434528	4735491	6.17	cps
Copper	63-2	1391039	1327991	1241462	1320164	5.69	cps
Dysprosium	156-1	75	83	92	83	10.00	cps
Dysprosium	156-2	150	180	187	172	11.34	cps
Erbium	164-1	83	75	108	89	19.52	cps
Erbium	164-2	47	50	20	39	42.28	cps
Gadolinium	160-1	183	158	158	167	8.66	cps
Gadolinium	160-2	570	580	490	547	9.02	cps
Holmium	165-1	20241856	20821313	20859344	20640838	1.68	cps
Holmium	165-2	10530973	10225317	10514941	10423743	1.65	cps
Indium	115-1	16326875	16429356	16365834	16374022	0.32	cps
Indium	115-2	3618761	3550170	3546657	3571863	1.14	cps
Iron	54-2	902443	853876	778867	845062	7.37	cps
Iron	56-2	15249508	14509124	13089877	14282836	7.68	cps
Iron	57-2	381121	366361	333601	360361	6.75	cps
Krypton	83-1	593	637	613	614	3.53	cps
Lead	206-1	12301153	12250344	12378632	12310043	0.52	cps
Lead	207-1	10740535	10853324	10916835	10836898	0.82	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3973-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 15:54:07	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	49025536	49319132	49626220	49323629	0.61	cps
Lithium	6-1	3970408	3967107	4002408	3979974	0.49	cps
Magnesium	24-2	558	350	400	436	24.94	cps
Manganese	55-2	2002407	1922975	1760019	1895134	6.52	cps
Molybdenum	94-1	1660388	1661994	1640986	1654456	0.71	cps
Molybdenum	95-1	2939748	2939269	2912073	2930363	0.54	cps
Molybdenum	96-1	3113507	3091558	3056379	3087148	0.93	cps
Molybdenum	97-1	1807842	1822473	1824371	1818229	0.50	cps
Molybdenum	98-1	4645636	4704436	4648755	4666276	0.71	cps
Neodymium	150-1	440	513	440	464	9.12	cps
Neodymium	150-2	60	37	23	40	46.40	cps
Nickel	60-2	994725	952707	875475	940969	6.43	cps
Phosphorus	31-2	158	150	83	131	31.48	cps
Potassium	39-2	73833	73658	72796	73429	0.76	cps
Rhodium	103-1	15483357	15645016	15510324	15546232	0.56	cps
Rhodium	103-2	7816100	7696236	7530173	7680836	1.87	cps
Scandium	45-1	11467628	11337144	11651758	11485510	1.38	cps
Scandium	45-2	649978	637512	633584	640358	1.34	cps
Selenium	82-1	43545	43759	43757	43687	0.28	cps
Selenium	77-2	2387	2417	2000	2268	10.25	cps
Selenium	78-2	8364	8226	7691	8094	4.39	cps
Silicon	28-1	1612214	1613104	1617207	1614175	0.16	cps
Silver	109-1	12692207	12521327	12684927	12632821	0.76	cps
Silver	107-1	13189916	13359308	13039887	13196370	1.21	cps
Sodium	23-2	71051	69410	69017	69826	1.55	cps
Strontium	86-1	408343	406943	405024	406770	0.41	cps
Strontium	88-1	3506401	3520013	3538455	3521623	0.46	cps
Sulfur	34-1	650445	645902	625856	640735	2.04	cps
Terbium	159-1	21043553	21396015	21332174	21257247	0.88	cps
Terbium	159-2	10452630	10137702	10383549	10324627	1.60	cps
Thallium	203-1	1507193	1565564	1556914	1543223	2.04	cps
Thallium	205-1	3691766	3760097	3750700	3734188	0.99	cps
Thorium	232-1	567	467	456	496	12.33	cps
Tin	118-1	3684	3459	3067	3403	9.17	cps
Titanium	47-1	467	333	400	400	16.67	cps
Uranium	238-1	17	0	50	22	114.56	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3973-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 15:54:07	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	7390498	7113619	6470628	6991582	6.75	cps
Yttrium	89-1	26249056	26057884	26377711	26228217	0.61	cps
Yttrium	89-2	4325605	4205159	4196729	4242498	1.70	cps
Zinc	66-2	676085	647522	594787	639465	6.45	cps
Zirconium	90-1	3284	3267	3659	3403	6.51	cps
Zirconium	91-1	1975	2067	2134	2059	3.86	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3973-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 15:57:30	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	100	92	108	20.35	cps
Antimony	121-1	725	633	708	689	7.09	cps
Arsenic	75-2	33	59	39	44	31.15	cps
Barium	135-1	1709	1825	1692	1742	4.17	cps
Barium	137-1	2675	2884	2884	2814	4.27	cps
Beryllium	9-1	72	100	61	78	25.76	cps
Bismuth	209-1	18235682	17945063	17615964	17932237	1.73	cps
Bismuth	209-2	9570737	9563794	9402059	9512197	1.00	cps
Boron	10-1	29572	27677	27818	28356	3.72	cps
Boron	11-1	141867	135788	136199	137951	2.46	cps
Bromine	81-1	54596	53709	54579	54294	0.93	cps
Bromine	81-2	541	571	531	547	3.81	cps
Cadmium	111-1	12061	11596	11852	11836	1.97	cps
Cadmium	106-1	17027	16301	16727	16685	2.19	cps
Cadmium	108-1	42	63	33	46	32.78	cps
Calcium	43-1	1390940	1378675	1370388	1380001	0.75	cps
Calcium	44-1	21226599	21008498	20762953	20999350	1.10	cps
Chromium	52-2	535	601	570	568	5.81	cps
Cobalt	59-2	313	330	333	326	3.29	cps
Copper	63-2	1913	1833	1997	1915	4.27	cps
Dysprosium	156-1	33	25	17	25	33.32	cps
Dysprosium	156-2	13	27	3	14	81.07	cps
Erbium	164-1	133	92	142	122	21.92	cps
Erbium	164-2	67	63	80	70	12.60	cps
Gadolinium	160-1	283	208	258	250	15.27	cps
Gadolinium	160-2	623	640	650	638	2.11	cps
Holmium	165-1	28808234	27852358	27459755	28040116	2.47	cps
Holmium	165-2	13563801	13278142	13118966	13320303	1.69	cps
Indium	115-1	22429447	21924287	21510274	21954669	2.10	cps
Indium	115-2	4594783	4602361	4575769	4590971	0.30	cps
Iron	54-2	731	791	491	671	23.69	cps
Iron	56-2	12233	12411	12211	12285	0.89	cps
Iron	57-2	19424	19469	19853	19582	1.20	cps
Krypton	83-1	630	600	657	629	4.51	cps
Lead	206-1	12512	12684	13079	12758	2.28	cps
Lead	207-1	11010	10604	11144	10919	2.57	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3973-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 15:57:30	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	49826	49921	52041	50596	2.47	cps
Lithium	6-1	5526104	5475882	5370050	5457345	1.46	cps
Magnesium	24-2	19306887	19437968	19138268	19294374	0.78	cps
Manganese	55-2	643	687	580	637	8.43	cps
Molybdenum	94-1	2834	2475	2642	2650	6.77	cps
Molybdenum	95-1	3876	3526	3709	3703	4.73	cps
Molybdenum	96-1	4351	4217	3842	4137	6.37	cps
Molybdenum	97-1	2667	2400	2425	2498	5.90	cps
Molybdenum	98-1	5793	6160	6202	6051	3.72	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	7	13	7	9	43.25	cps
Nickel	60-2	300	267	287	284	5.90	cps
Phosphorus	31-2	92	92	50	78	30.93	cps
Potassium	39-2	17385327	17301252	17267809	17318130	0.35	cps
Rhodium	103-1	21006961	20510894	20165661	20561172	2.06	cps
Rhodium	103-2	9668330	9727790	9690823	9695648	0.31	cps
Scandium	45-1	16011135	15697460	15584983	15764526	1.40	cps
Scandium	45-2	853817	847809	857825	853150	0.59	cps
Selenium	82-1	265	205	221	230	13.51	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	159	154	124	146	12.98	cps
Silicon	28-1	500988	505136	507319	504481	0.64	cps
Silver	109-1	650	700	700	683	4.23	cps
Silver	107-1	1225	942	967	1045	15.02	cps
Sodium	23-2	41561322	41923745	41554397	41679821	0.51	cps
Strontium	86-1	17127	16393	16994	16838	2.32	cps
Strontium	88-1	142576	136914	136670	138720	2.41	cps
Sulfur	34-1	739576	771579	790266	767140	3.34	cps
Terbium	159-1	29384673	29114657	28551648	29016993	1.46	cps
Terbium	159-2	13206915	13368060	13208981	13261319	0.70	cps
Thallium	203-1	1959	2000	1592	1850	12.15	cps
Thallium	205-1	4493	4584	4518	4531	1.05	cps
Thorium	232-1	500	483	561	515	7.96	cps
Tin	118-1	1725	1725	1558	1670	5.76	cps
Titanium	47-1	242	158	158	186	25.85	cps
Uranium	238-1	17	42	25	28	45.82	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3973-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 15:57:30	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	120	93	130	114	16.56	cps
Yttrium	89-1	36212364	35398685	34977309	35529453	1.77	cps
Yttrium	89-2	5493705	5537353	5504904	5511987	0.41	cps
Zinc	66-2	761	859	914	845	9.15	cps
Zirconium	90-1	1175	1400	1358	1311	9.13	cps
Zirconium	91-1	317	250	242	269	15.26	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3973-06DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired ::	2020-10-07 16:01:58	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	175	75	111	49.94	cps
Antimony	121-1	158	292	208	219	30.69	cps
Arsenic	75-2	20	7	13	14	47.88	cps
Barium	135-1	292	250	267	269	7.78	cps
Barium	137-1	517	567	425	503	14.29	cps
Beryllium	9-1	50	83	50	61	31.50	cps
Bismuth	209-1	13483137	13721830	13566260	13590409	0.89	cps
Bismuth	209-2	7770025	7757202	7654805	7727344	0.82	cps
Boron	10-1	17461	17503	17035	17333	1.49	cps
Boron	11-1	83949	84728	80932	83203	2.41	cps
Bromine	81-1	54420	52989	53215	53541	1.44	cps
Bromine	81-2	310	240	290	280	12.88	cps
Cadmium	111-1	8442	8536	8581	8519	0.83	cps
Cadmium	106-1	12047	12189	12272	12169	0.94	cps
Cadmium	108-1	29	25	50	35	38.57	cps
Calcium	43-1	203725	207317	203084	204709	1.11	cps
Calcium	44-1	3277024	3291736	3298189	3288983	0.33	cps
Chromium	52-2	1107	1052	1036	1065	3.52	cps
Cobalt	59-2	157	97	150	134	24.46	cps
Copper	63-2	2024	1980	2060	2021	1.98	cps
Dysprosium	156-1	33	17	17	22	43.28	cps
Dysprosium	156-2	13	13	20	16	24.76	cps
Erbium	164-1	67	100	142	103	36.56	cps
Erbium	164-2	40	33	50	41	20.41	cps
Gadolinium	160-1	158	225	200	194	17.32	cps
Gadolinium	160-2	523	570	513	536	5.65	cps
Holmium	165-1	20866893	20947206	21223028	21012376	0.89	cps
Holmium	165-2	10588963	10617252	10616490	10607568	0.15	cps
Indium	115-1	16713849	16684749	16588611	16662403	0.39	cps
Indium	115-2	3624906	3627200	3619729	3623945	0.11	cps
Iron	54-2	1241	1472	1301	1338	8.93	cps
Iron	56-2	12116	11577	11371	11688	3.29	cps
Iron	57-2	3856	3856	3662	3791	2.96	cps
Krypton	83-1	630	647	670	649	3.10	cps
Lead	206-1	5518	5512	5418	5483	1.03	cps
Lead	207-1	4823	4951	4606	4794	3.63	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3973-06DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired ::	2020-10-07 16:01:58	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	22341	21941	21958	22080	1.03	cps
Lithium	6-1	4198596	4214366	4242791	4218584	0.53	cps
Magnesium	24-2	3023141	2995330	2928723	2982398	1.63	cps
Manganese	55-2	190	210	177	192	8.73	cps
Molybdenum	94-1	725	667	825	739	10.84	cps
Molybdenum	95-1	683	825	750	753	9.42	cps
Molybdenum	96-1	950	825	850	875	7.56	cps
Molybdenum	97-1	392	358	383	378	4.59	cps
Molybdenum	98-1	1083	1000	1000	1028	4.68	cps
Neodymium	150-1	20	20	0	13	86.60	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	70	80	80	77	7.53	cps
Phosphorus	31-2	117	192	158	156	24.16	cps
Potassium	39-2	2821576	2818886	2792206	2810889	0.58	cps
Rhodium	103-1	15795921	15463654	15594663	15618079	1.07	cps
Rhodium	103-2	7775840	7803016	7818697	7799184	0.28	cps
Scandium	45-1	11752084	11677039	11651534	11693552	0.45	cps
Scandium	45-2	664079	665742	664751	664858	0.13	cps
Selenium	82-1	147	148	152	149	1.94	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	131	202	169	167	21.04	cps
Silicon	28-1	586875	590220	596812	591302	0.86	cps
Silver	109-1	283	150	158	197	37.87	cps
Silver	107-1	333	342	333	336	1.43	cps
Sodium	23-2	6330357	6299621	6197308	6275762	1.11	cps
Strontium	86-1	3592	3134	3742	3489	9.08	cps
Strontium	88-1	20340	20715	20573	20543	0.92	cps
Sulfur	34-1	832299	824213	824062	826858	0.57	cps
Terbium	159-1	21256521	21118491	21277946	21217653	0.41	cps
Terbium	159-2	10522612	10505488	10418766	10482288	0.53	cps
Thallium	203-1	1408	1450	1467	1442	2.08	cps
Thallium	205-1	3492	3776	3876	3715	5.36	cps
Thorium	232-1	433	428	433	432	0.74	cps
Tin	118-1	1592	1492	1383	1489	7.00	cps
Titanium	47-1	175	275	267	239	23.23	cps
Uranium	238-1	33	17	33	28	34.63	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3973-06DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired ::	2020-10-07 16:01:58	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	27	33	40	33	20.00	cps
Yttrium	89-1	26558144	26619471	26405653	26527756	0.42	cps
Yttrium	89-2	4328086	4335661	4353702	4339149	0.30	cps
Zinc	66-2	449	488	513	483	6.66	cps
Zirconium	90-1	1225	1150	1275	1217	5.17	cps
Zirconium	91-1	242	250	200	231	11.62	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3973-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-07 16:05:26	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9153	8536	7944	8544	7.08	cps
Antimony	121-1	283	250	308	281	10.43	cps
Arsenic	75-2	9	13	7	10	28.61	cps
Barium	135-1	342	367	375	361	4.80	cps
Barium	137-1	633	608	492	578	13.09	cps
Beryllium	9-1	72	72	100	81	19.68	cps
Bismuth	209-1	13314206	13388734	13418349	13373763	0.40	cps
Bismuth	209-2	7517698	7484825	7663136	7555220	1.26	cps
Boron	10-1	61843	59133	60364	60447	2.25	cps
Boron	11-1	294306	285492	291469	290422	1.55	cps
Bromine	81-1	56126	54846	56812	55928	1.78	cps
Bromine	81-2	470	571	511	517	9.74	cps
Cadmium	111-1	8833	8137	7950	8307	5.60	cps
Cadmium	106-1	12631	11647	11388	11889	5.52	cps
Cadmium	108-1	54	46	67	56	18.88	cps
Calcium	43-1	608	483	542	544	11.49	cps
Calcium	44-1	29007	28740	28032	28593	1.76	cps
Chromium	52-2	3617	3123	2959	3233	10.60	cps
Cobalt	59-2	437	370	367	391	10.10	cps
Copper	63-2	2280	2064	2434	2259	8.23	cps
Dysprosium	156-1	8	42	42	31	62.99	cps
Dysprosium	156-2	27	13	13	18	43.33	cps
Erbium	164-1	92	142	92	108	26.65	cps
Erbium	164-2	30	37	40	36	14.32	cps
Gadolinium	160-1	192	225	150	189	19.90	cps
Gadolinium	160-2	470	537	467	491	8.04	cps
Holmium	165-1	20299311	20603747	20276302	20393120	0.90	cps
Holmium	165-2	10355403	10316205	10152228	10274612	1.05	cps
Indium	115-1	15870493	15916440	16136534	15974489	0.89	cps
Indium	115-2	3458415	3438638	3453647	3450233	0.30	cps
Iron	54-2	33151	31947	28647	31248	7.46	cps
Iron	56-2	602144	570723	506873	559913	8.67	cps
Iron	57-2	15380	15002	13640	14674	6.24	cps
Krypton	83-1	640	660	560	620	8.53	cps
Lead	206-1	5951	6068	6207	6076	2.11	cps
Lead	207-1	5568	5523	5885	5659	3.48	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3973-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-07 16:05:26	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	25115	24854	26188	25386	2.79	cps
Lithium	6-1	4054360	3996139	4130321	4060273	1.66	cps
Magnesium	24-2	2134	2059	1800	1997	8.76	cps
Manganese	55-2	313	280	373	322	14.68	cps
Molybdenum	94-1	6710	6460	6585	6585	1.90	cps
Molybdenum	95-1	625	642	617	628	2.03	cps
Molybdenum	96-1	1792	1675	1842	1770	4.83	cps
Molybdenum	97-1	417	217	383	339	31.62	cps
Molybdenum	98-1	958	908	992	953	4.40	cps
Neodymium	150-1	20	33	33	29	26.64	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	600	613	520	578	8.74	cps
Phosphorus	31-2	142	208	108	153	33.33	cps
Potassium	39-2	76446	74872	76354	75891	1.16	cps
Rhodium	103-1	15316679	15384263	15398983	15366642	0.29	cps
Rhodium	103-2	7549542	7430035	7524697	7501425	0.84	cps
Scandium	45-1	11121889	11263864	11214073	11199942	0.64	cps
Scandium	45-2	633858	630250	635216	633108	0.41	cps
Selenium	82-1	72	138	181	130	41.91	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	137	161	163	154	9.41	cps
Silicon	28-1	8878414	8758550	8744502	8793822	0.84	cps
Silver	109-1	267	250	250	256	3.77	cps
Silver	107-1	417	458	425	433	5.09	cps
Sodium	23-2	126873	122782	118044	122566	3.60	cps
Strontium	86-1	1258	1167	1075	1167	7.86	cps
Strontium	88-1	767	633	1075	825	27.46	cps
Sulfur	34-1	781914	760205	765267	769129	1.48	cps
Terbium	159-1	20780393	21182203	21005435	20989344	0.96	cps
Terbium	159-2	10199629	9992143	10181077	10124283	1.13	cps
Thallium	203-1	1442	1542	1450	1478	3.75	cps
Thallium	205-1	3551	3451	3576	3526	1.88	cps
Thorium	232-1	528	561	600	563	6.42	cps
Tin	118-1	10449792	10383703	10185616	10339704	1.33	cps
Titanium	47-1	290093	291453	291559	291035	0.28	cps
Uranium	238-1	42	33	42	39	12.38	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3973-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-07 16:05:26	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	90	87	80	86	5.95	cps
Yttrium	89-1	25475135	25889956	25781873	25715655	0.84	cps
Yttrium	89-2	4189975	4165940	4186707	4180874	0.31	cps
Zinc	66-2	714	892	1095	900	21.17	cps
Zirconium	90-1	17244	17328	17494	17355	0.73	cps
Zirconium	91-1	3384	4017	3792	3731	8.61	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3973-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-07 16:08:52	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	274339	261025	238761	258041	6.97	cps
Antimony	121-1	2182756	2194402	2193954	2190371	0.30	cps
Arsenic	75-2	143667	137935	128152	136585	5.74	cps
Barium	135-1	2379657	2368165	2399155	2382326	0.66	cps
Barium	137-1	4145696	4106050	4153513	4135086	0.62	cps
Beryllium	9-1	206571	209371	207355	207766	0.70	cps
Bismuth	209-1	13375435	13410794	13561349	13449193	0.73	cps
Bismuth	209-2	7537598	7602534	7625398	7588510	0.60	cps
Boron	10-1	397532	399599	400447	399193	0.38	cps
Boron	11-1	1882591	1903783	1904518	1896964	0.66	cps
Bromine	81-1	53006	52211	53475	52897	1.21	cps
Bromine	81-2	220	130	200	184	25.78	cps
Cadmium	111-1	826154	824452	818929	823178	0.46	cps
Cadmium	106-1	85792	86521	84299	85537	1.32	cps
Cadmium	108-1	55148	55161	55081	55130	0.08	cps
Calcium	43-1	1859	1725	1583	1722	7.99	cps
Calcium	44-1	-6698	-6773	-6579	-6683	-1.47	cps
Chromium	52-2	1179258	1121483	1029113	1109951	6.82	cps
Cobalt	59-2	2468061	2334760	2172559	2325127	6.36	cps
Copper	63-2	681525	649148	603710	644794	6.06	cps
Dysprosium	156-1	50	75	25	50	50.00	cps
Dysprosium	156-2	87	87	83	86	2.25	cps
Erbium	164-1	100	117	92	103	12.39	cps
Erbium	164-2	37	37	50	41	18.72	cps
Gadolinium	160-1	192	217	150	186	18.10	cps
Gadolinium	160-2	513	447	503	488	7.37	cps
Holmium	165-1	20579652	20772951	20732137	20694913	0.49	cps
Holmium	165-2	10201679	10213135	10480177	10298331	1.53	cps
Indium	115-1	16316227	16138838	15992296	16149121	1.00	cps
Indium	115-2	3491317	3496509	3529676	3505834	0.59	cps
Iron	54-2	433164	414597	377134	408298	6.99	cps
Iron	56-2	7351784	7020190	6334600	6902191	7.52	cps
Iron	57-2	185403	178812	163307	175841	6.45	cps
Krypton	83-1	660	713	780	718	8.38	cps
Lead	206-1	5475118	5481996	5436503	5464539	0.45	cps
Lead	207-1	4823506	4864902	4759660	4816023	1.10	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3973-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-07 16:08:52	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	23142406	23272674	23144220	23186433	0.32	cps
Lithium	6-1	4085063	4018572	3994240	4032625	1.17	cps
Magnesium	24-2	575	642	542	586	8.69	cps
Manganese	55-2	962481	930159	859196	917278	5.76	cps
Molybdenum	94-1	815854	825024	826521	822466	0.70	cps
Molybdenum	95-1	1439593	1442260	1444077	1441977	0.16	cps
Molybdenum	96-1	1527722	1515673	1520981	1521458	0.40	cps
Molybdenum	97-1	898633	898607	899971	899070	0.09	cps
Molybdenum	98-1	2319741	2309942	2297210	2308964	0.49	cps
Neodymium	150-1	253	253	253	253	0.00	cps
Neodymium	150-2	33	23	23	27	21.65	cps
Nickel	60-2	483952	459081	425121	456052	6.48	cps
Phosphorus	31-2	150	217	158	175	20.76	cps
Potassium	39-2	75307	75341	74680	75109	0.50	cps
Rhodium	103-1	15602382	15527378	15437354	15522371	0.53	cps
Rhodium	103-2	7585704	7503090	7646671	7578489	0.95	cps
Scandium	45-1	11114447	11236397	11075236	11142027	0.75	cps
Scandium	45-2	631232	632935	636447	633538	0.42	cps
Selenium	82-1	21414	21520	20890	21275	1.58	cps
Selenium	77-2	1107	1200	1033	1113	7.50	cps
Selenium	78-2	4223	3954	3734	3970	6.17	cps
Silicon	28-1	1082239	1089211	1075908	1082453	0.61	cps
Silver	109-1	6156477	6444923	6110810	6237403	2.90	cps
Silver	107-1	6702895	6668925	6514800	6628873	1.51	cps
Sodium	23-2	57569	57561	55636	56922	1.96	cps
Strontium	86-1	198725	198301	197008	198011	0.45	cps
Strontium	88-1	1740093	1720794	1734512	1731799	0.57	cps
Sulfur	34-1	698034	699629	687421	695028	0.95	cps
Terbium	159-1	20999840	21210574	20951057	21053824	0.66	cps
Terbium	159-2	10220114	10184232	10276656	10227001	0.46	cps
Thallium	203-1	756308	749679	767811	757933	1.21	cps
Thallium	205-1	1823182	1807950	1826590	1819241	0.55	cps
Thorium	232-1	506	383	439	443	13.83	cps
Tin	118-1	2917	2734	2800	2817	3.29	cps
Titanium	47-1	317	317	292	308	4.68	cps
Uranium	238-1	42	42	33	39	12.38	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3973-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-07 16:08:52	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3619053	3431421	3166275	3405583	6.68	cps
Yttrium	89-1	25618722	25580185	26121850	25773586	1.17	cps
Yttrium	89-2	4182138	4159487	4189764	4177130	0.38	cps
Zinc	66-2	327715	314524	293164	311801	5.59	cps
Zirconium	90-1	2100	2184	2125	2136	2.00	cps
Zirconium	91-1	1183	1167	1117	1156	3.00	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 16:15:59	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9509315	9542012	9525073	9525467	0.17	cps
Antimony	121-1	6437428	6505136	6581611	6508058	1.11	cps
Arsenic	75-2	265087	264504	262220	263937	0.57	cps
Barium	135-1	8586461	8680209	8712177	8659615	0.75	cps
Barium	137-1	14981726	15059808	15235841	15092459	0.86	cps
Beryllium	9-1	1326611	1332443	1330033	1329695	0.22	cps
Bismuth	209-1	11838635	11677759	11740236	11752210	0.69	cps
Bismuth	209-2	6087453	6106955	6144853	6113087	0.48	cps
Boron	10-1	230756	230635	232406	231266	0.43	cps
Boron	11-1	1041250	1046922	1060742	1049638	0.96	cps
Bromine	81-1	51543	52178	53190	52304	1.59	cps
Bromine	81-2	150	170	130	150	13.34	cps
Cadmium	111-1	1979193	1996773	1990873	1988947	0.45	cps
Cadmium	106-1	236179	240611	238223	238338	0.93	cps
Cadmium	108-1	155009	157107	155927	156014	0.67	cps
Calcium	43-1	11090178	11192001	11054698	11112292	0.64	cps
Calcium	44-1	179534453	178726445	179156247	179139048	0.23	cps
Chromium	52-2	2916708	2940968	2910004	2922560	0.56	cps
Cobalt	59-2	3934927	3966432	3907896	3936418	0.74	cps
Copper	63-2	27927691	27875610	27427659	27743653	0.99	cps
Dysprosium	156-1	692	583	708	661	10.27	cps
Dysprosium	156-2	560	637	620	606	6.66	cps
Erbium	164-1	167	175	217	186	14.39	cps
Erbium	164-2	93	97	83	91	7.62	cps
Gadolinium	160-1	800	675	708	728	8.89	cps
Gadolinium	160-2	863	813	880	852	4.07	cps
Holmium	165-1	19914429	19976384	19822623	19904479	0.39	cps
Holmium	165-2	10037680	10049521	10071250	10052817	0.17	cps
Indium	115-1	14639247	14943459	15099973	14894226	1.57	cps
Indium	115-2	3296057	3322608	3317264	3311976	0.42	cps
Iron	54-2	28022223	27943097	27927366	27964229	0.18	cps
Iron	56-2	511628811	511296589	507606167	510177189	0.44	cps
Iron	57-2	12728134	12850496	12815987	12798206	0.49	cps
Krypton	83-1	740	687	750	726	4.69	cps
Lead	206-1	27916335	28326645	28456621	28233200	1.00	cps
Lead	207-1	25501968	25738391	26005044	25748467	0.98	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 16:15:59	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	114276825	114276104	115443831	114665587	0.59	cps
Lithium	6-1	3877290	3918185	3881246	3892241	0.58	cps
Magnesium	24-2	105145667	104980623	104241600	104789297	0.46	cps
Manganese	55-2	16864900	16822973	16962296	16883390	0.42	cps
Molybdenum	94-1	14476637	14540252	14636246	14551045	0.55	cps
Molybdenum	95-1	17815413	17887630	18010726	17904590	0.55	cps
Molybdenum	96-1	19514203	19610988	19580974	19568722	0.25	cps
Molybdenum	97-1	10996659	11141337	11089857	11075951	0.66	cps
Molybdenum	98-1	28408462	28086268	28400452	28298394	0.65	cps
Neodymium	150-1	953	740	820	838	12.86	cps
Neodymium	150-2	97	117	110	108	9.45	cps
Nickel	60-2	1016988	1014149	1003186	1011441	0.72	cps
Phosphorus	31-2	123616	123296	121464	122792	0.95	cps
Potassium	39-2	56430399	56462064	56074862	56322442	0.38	cps
Rhodium	103-1	13514545	13810968	13678503	13668005	1.09	cps
Rhodium	103-2	6771818	6907870	6959171	6879619	1.41	cps
Scandium	45-1	11100700	10992189	11074872	11055920	0.51	cps
Scandium	45-2	628456	636996	635893	633782	0.73	cps
Selenium	82-1	142130	142529	142874	142511	0.26	cps
Selenium	77-2	7959	7812	8382	8051	3.68	cps
Selenium	78-2	27491	27598	27624	27571	0.26	cps
Silicon	28-1	6177008	6163656	6260617	6200427	0.85	cps
Silver	109-1	8152745	8219025	8031732	8134501	1.17	cps
Silver	107-1	8529939	8558012	8505571	8531174	0.31	cps
Sodium	23-2	183944517	184876200	182274200	183698305	0.72	cps
Strontium	86-1	2442283	2425219	2422810	2430104	0.44	cps
Strontium	88-1	21365717	21461851	21590268	21472612	0.52	cps
Sulfur	34-1	1557221	1530973	1527487	1538560	1.06	cps
Terbium	159-1	20116419	20487491	20780093	20461334	1.63	cps
Terbium	159-2	10058914	9959601	10071513	10030009	0.61	cps
Thallium	203-1	6104932	6048239	6014871	6056014	0.75	cps
Thallium	205-1	15781476	15830944	15823288	15811903	0.17	cps
Thorium	232-1	25305380	25112085	25139630	25185698	0.42	cps
Tin	118-1	5490253	5568535	5591249	5550012	0.95	cps
Titanium	47-1	5350164	5429414	5392199	5390592	0.74	cps
Uranium	238-1	24207871	24880310	23947792	24345325	1.98	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 16:15:59	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2201232	2205277	2172929	2193146	0.80	cps
Yttrium	89-1	24726580	25288673	25388750	25134668	1.42	cps
Yttrium	89-2	4112397	4141866	4150721	4134995	0.49	cps
Zinc	66-2	3952365	3947037	3924490	3941297	0.38	cps
Zirconium	90-1	12489671	12635378	12762457	12629169	1.08	cps
Zirconium	91-1	2774275	2801154	2795266	2790232	0.51	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 16:37:29	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	308	133	203	45.82	cps
Antimony	121-1	92	133	83	103	26.06	cps
Arsenic	75-2	7	4	11	7	50.02	cps
Barium	135-1	92	75	67	78	16.37	cps
Barium	137-1	117	183	108	136	30.20	cps
Beryllium	9-1	56	39	78	57	33.99	cps
Bismuth	209-1	12948623	13326340	13445155	13240039	1.96	cps
Bismuth	209-2	7473184	7609384	7533971	7538846	0.91	cps
Boron	10-1	5710	5368	5669	5582	3.34	cps
Boron	11-1	27200	26048	27333	26860	2.63	cps
Bromine	81-1	56168	56787	55876	56277	0.83	cps
Bromine	81-2	160	180	150	164	9.35	cps
Cadmium	111-1	8378	8405	8134	8306	1.80	cps
Cadmium	106-1	11972	12005	11597	11858	1.91	cps
Cadmium	108-1	33	33	42	36	13.33	cps
Calcium	43-1	350	300	300	317	9.12	cps
Calcium	44-1	22791	22402	21635	22276	2.64	cps
Chromium	52-2	1073	1165	1211	1149	6.12	cps
Cobalt	59-2	103	87	103	98	9.84	cps
Copper	63-2	1847	1943	2000	1930	4.02	cps
Dysprosium	156-1	33	33	25	31	15.74	cps
Dysprosium	156-2	17	10	10	12	31.50	cps
Erbium	164-1	75	67	100	81	21.53	cps
Erbium	164-2	37	57	77	57	35.29	cps
Gadolinium	160-1	183	125	183	164	20.55	cps
Gadolinium	160-2	473	540	557	523	8.43	cps
Holmium	165-1	20082489	20384466	20716524	20394493	1.56	cps
Holmium	165-2	10147120	10281477	10252577	10227058	0.69	cps
Indium	115-1	16288660	16366018	16102797	16252492	0.83	cps
Indium	115-2	3555401	3580539	3580540	3572160	0.41	cps
Iron	54-2	1381	1502	1502	1462	4.75	cps
Iron	56-2	12861	12845	12772	12826	0.37	cps
Iron	57-2	1017	967	861	948	8.38	cps
Krypton	83-1	657	677	633	656	3.31	cps
Lead	206-1	1272	1239	1450	1320	8.60	cps
Lead	207-1	1161	1083	1167	1137	4.10	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 16:37:29	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	4984	4995	5339	5106	3.96	cps
Lithium	6-1	4098834	4125387	4112364	4112195	0.32	cps
Magnesium	24-2	650	758	825	744	11.86	cps
Manganese	55-2	177	140	133	150	15.55	cps
Molybdenum	94-1	325	500	567	464	26.91	cps
Molybdenum	95-1	125	133	108	122	10.41	cps
Molybdenum	96-1	233	300	333	289	17.63	cps
Molybdenum	97-1	83	83	42	69	34.64	cps
Molybdenum	98-1	175	217	258	217	19.23	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	40	47	97	61	50.68	cps
Phosphorus	31-2	142	175	175	164	11.74	cps
Potassium	39-2	75802	76857	77895	76851	1.36	cps
Rhodium	103-1	15672440	15606365	15716793	15665199	0.35	cps
Rhodium	103-2	7731286	7679763	7762193	7724414	0.54	cps
Scandium	45-1	11686975	11661974	11886240	11745063	1.05	cps
Scandium	45-2	659451	663200	650738	657796	0.97	cps
Selenium	82-1	172	139	188	166	14.80	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	154	183	156	164	10.11	cps
Silicon	28-1	621320	622673	626660	623551	0.45	cps
Silver	109-1	158	150	142	150	5.56	cps
Silver	107-1	292	300	217	269	17.03	cps
Sodium	23-2	43254	43714	42343	43104	1.62	cps
Strontium	86-1	1158	1058	1117	1111	4.52	cps
Strontium	88-1	350	417	400	389	8.92	cps
Sulfur	34-1	755389	756210	750476	754025	0.41	cps
Terbium	159-1	20859594	21071793	21154393	21028593	0.72	cps
Terbium	159-2	10137477	10232169	10228189	10199278	0.53	cps
Thallium	203-1	508	567	592	556	7.70	cps
Thallium	205-1	1267	1342	1325	1311	3.00	cps
Thorium	232-1	606	667	617	630	5.17	cps
Tin	118-1	1192	1442	2312	1648	35.66	cps
Titanium	47-1	200	158	167	175	12.60	cps
Uranium	238-1	75	92	108	92	18.18	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 16:37:29	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	17	10	27	18	47.19	cps
Yttrium	89-1	26171718	26202660	26396067	26256815	0.46	cps
Yttrium	89-2	4290093	4260775	4235156	4262008	0.64	cps
Zinc	66-2	360	471	718	516	35.53	cps
Zirconium	90-1	1200	1300	1250	1250	4.00	cps
Zirconium	91-1	192	150	258	200	27.32	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3972-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-07 16:40:55	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	285586	272118	245893	267866	7.54	cps
Antimony	121-1	2214268	2196879	2208581	2206576	0.40	cps
Arsenic	75-2	149537	142689	132177	141468	6.18	cps
Barium	135-1	2410542	2375089	2399920	2395184	0.76	cps
Barium	137-1	4198919	4173719	4195496	4189378	0.33	cps
Beryllium	9-1	211838	212504	211646	211996	0.21	cps
Bismuth	209-1	13146191	13466009	13373853	13328684	1.24	cps
Bismuth	209-2	7586807	7697338	7612742	7632296	0.76	cps
Boron	10-1	403214	404695	415417	407775	1.63	cps
Boron	11-1	1935786	1913780	1976294	1941953	1.63	cps
Bromine	81-1	55232	53174	56151	54852	2.78	cps
Bromine	81-2	100	100	100	100	0.00	cps
Cadmium	111-1	838509	832763	834095	835123	0.36	cps
Cadmium	106-1	85977	86783	87586	86782	0.93	cps
Cadmium	108-1	56081	56696	55541	56106	1.03	cps
Calcium	43-1	1992	1775	2134	1967	9.18	cps
Calcium	44-1	-5688	-5211	-5374	-5424	-4.47	cps
Chromium	52-2	1224875	1173064	1058345	1152095	7.40	cps
Cobalt	59-2	2570325	2441604	2248775	2420235	6.69	cps
Copper	63-2	709519	682430	620238	670729	6.82	cps
Dysprosium	156-1	50	75	75	67	21.65	cps
Dysprosium	156-2	83	87	93	88	5.80	cps
Erbium	164-1	117	75	83	92	24.05	cps
Erbium	164-2	53	43	30	42	27.72	cps
Gadolinium	160-1	183	225	200	203	10.34	cps
Gadolinium	160-2	493	520	540	518	4.52	cps
Holmium	165-1	20538400	20523073	20694812	20585429	0.46	cps
Holmium	165-2	10418814	10321146	10393834	10377931	0.49	cps
Indium	115-1	16578554	16677411	16437529	16564498	0.73	cps
Indium	115-2	3607805	3602126	3569610	3593180	0.57	cps
Iron	54-2	453245	426382	393033	424220	7.11	cps
Iron	56-2	7690375	7269472	6549732	7169860	8.04	cps
Iron	57-2	194368	184188	168246	182267	7.22	cps
Krypton	83-1	757	663	640	687	8.99	cps
Lead	206-1	5393029	5472443	5375615	5413696	0.95	cps
Lead	207-1	4699580	4767771	4679082	4715478	0.98	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3972-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-07 16:40:55	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	22621705	22993877	22797241	22804274	0.82	cps
Lithium	6-1	4088709	4012524	4052289	4051174	0.94	cps
Magnesium	24-2	742	633	683	686	7.90	cps
Manganese	55-2	1010082	958725	883790	950866	6.68	cps
Molybdenum	94-1	826136	837549	825920	829868	0.80	cps
Molybdenum	95-1	1449600	1490133	1450313	1463349	1.59	cps
Molybdenum	96-1	1552124	1563807	1544898	1553610	0.61	cps
Molybdenum	97-1	917096	911409	910826	913110	0.38	cps
Molybdenum	98-1	2358928	2346759	2350537	2352075	0.26	cps
Neodymium	150-1	187	247	233	222	14.18	cps
Neodymium	150-2	30	37	20	29	29.04	cps
Nickel	60-2	505524	482583	442230	476779	6.72	cps
Phosphorus	31-2	158	158	175	164	5.87	cps
Potassium	39-2	75535	73733	74932	74733	1.23	cps
Rhodium	103-1	15597382	15929158	15760550	15762363	1.05	cps
Rhodium	103-2	7710869	7788947	7661659	7720492	0.83	cps
Scandium	45-1	11825335	11705515	11840694	11790515	0.63	cps
Scandium	45-2	654894	656387	650060	653780	0.51	cps
Selenium	82-1	22144	22038	22196	22126	0.36	cps
Selenium	77-2	1243	1150	1197	1197	3.90	cps
Selenium	78-2	4388	4060	3797	4081	7.25	cps
Silicon	28-1	1136477	1136982	1140593	1138017	0.20	cps
Silver	109-1	6531009	6582365	6480159	6531177	0.78	cps
Silver	107-1	6754316	6830242	6749404	6777988	0.67	cps
Sodium	23-2	55553	53211	53680	54148	2.29	cps
Strontium	86-1	203844	203260	203912	203672	0.18	cps
Strontium	88-1	1768137	1752062	1786650	1768950	0.98	cps
Sulfur	34-1	733386	722283	722988	726219	0.86	cps
Terbium	159-1	20843597	20663563	21143841	20883667	1.16	cps
Terbium	159-2	10438641	10268315	10327756	10344904	0.84	cps
Thallium	203-1	760572	752047	750248	754289	0.73	cps
Thallium	205-1	1789828	1806294	1810566	1802229	0.61	cps
Thorium	232-1	456	478	600	511	15.22	cps
Tin	118-1	1483	1575	1367	1475	7.08	cps
Titanium	47-1	333	458	400	397	15.75	cps
Uranium	238-1	58	67	67	64	7.54	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3972-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-07 16:40:55	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3751312	3595406	3253997	3533572	7.20	cps
Yttrium	89-1	26400909	26550543	26462645	26471365	0.28	cps
Yttrium	89-2	4279987	4287054	4262759	4276600	0.29	cps
Zinc	66-2	344276	326443	300807	323842	6.75	cps
Zirconium	90-1	2309	2325	2267	2300	1.31	cps
Zirconium	91-1	1067	1367	1208	1214	12.36	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3972-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-07 16:44:22	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9553	8336	7786	8558	10.57	cps
Antimony	121-1	667	667	608	647	5.20	cps
Arsenic	75-2	13	19	4	12	63.84	cps
Barium	135-1	475	292	458	408	24.83	cps
Barium	137-1	550	567	550	556	1.73	cps
Beryllium	9-1	94	61	78	78	21.43	cps
Bismuth	209-1	13183694	13233955	13050768	13156139	0.72	cps
Bismuth	209-2	5685115	6559492	7416286	6553631	13.21	cps
Boron	10-1	64120	63684	62781	63529	1.08	cps
Boron	11-1	310792	309218	305907	308639	0.81	cps
Bromine	81-1	60343	59933	59984	60086	0.37	cps
Bromine	81-2	460	400	460	440	7.87	cps
Cadmium	111-1	8262	8148	8084	8165	1.10	cps
Cadmium	106-1	11797	11613	11555	11655	1.08	cps
Cadmium	108-1	96	63	83	81	20.90	cps
Calcium	43-1	575	583	475	544	11.07	cps
Calcium	44-1	29002	30120	28112	29078	3.46	cps
Chromium	52-2	3599	3344	3195	3379	6.06	cps
Cobalt	59-2	460	487	360	436	15.33	cps
Copper	63-2	2110	2260	2290	2220	4.34	cps
Dysprosium	156-1	42	58	50	50	16.67	cps
Dysprosium	156-2	3	27	23	18	71.00	cps
Erbium	164-1	67	142	75	94	43.53	cps
Erbium	164-2	40	47	43	43	7.70	cps
Gadolinium	160-1	200	183	200	194	4.95	cps
Gadolinium	160-2	417	583	470	490	17.37	cps
Holmium	165-1	20517506	20465103	20500769	20494459	0.13	cps
Holmium	165-2	8540350	9664656	10177755	9460920	8.85	cps
Indium	115-1	16526536	16253348	16233670	16337851	1.00	cps
Indium	115-2	2904418	3334689	3472297	3237135	9.15	cps
Iron	54-2	35359	31927	29389	32225	9.30	cps
Iron	56-2	633047	576442	513591	574360	10.40	cps
Iron	57-2	15330	15297	13912	14847	5.45	cps
Krypton	83-1	670	657	557	628	9.87	cps
Lead	206-1	5568	5818	5568	5651	2.56	cps
Lead	207-1	4429	5101	5001	4844	7.49	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3972-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-07 16:44:22	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	21813	22580	22936	22443	2.56	cps
Lithium	6-1	4138800	4119014	4145847	4134554	0.34	cps
Magnesium	24-2	2200	1792	1925	1972	10.56	cps
Manganese	55-2	417	400	420	412	2.60	cps
Molybdenum	94-1	6977	7686	6368	7010	9.41	cps
Molybdenum	95-1	783	767	725	758	3.96	cps
Molybdenum	96-1	1959	1859	1809	1875	4.07	cps
Molybdenum	97-1	392	475	483	450	11.26	cps
Molybdenum	98-1	1300	933	1158	1131	16.36	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	547	567	510	541	5.31	cps
Phosphorus	31-2	150	158	192	167	13.23	cps
Potassium	39-2	79639	74705	75199	76514	3.55	cps
Rhodium	103-1	15941773	15937106	15634524	15837801	1.11	cps
Rhodium	103-2	6483911	7335988	7662858	7160919	8.50	cps
Scandium	45-1	11807467	11708767	11577708	11697981	0.99	cps
Scandium	45-2	540275	620564	632957	597932	8.41	cps
Selenium	82-1	76	171	205	150	44.54	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	135	172	139	149	13.71	cps
Silicon	28-1	9170491	9072620	9073290	9105467	0.62	cps
Silver	109-1	592	542	675	603	11.17	cps
Silver	107-1	683	725	650	686	5.48	cps
Sodium	23-2	125806	120396	114962	120388	4.50	cps
Strontium	86-1	1142	1092	1117	1117	2.24	cps
Strontium	88-1	817	958	825	867	9.17	cps
Sulfur	34-1	721777	707042	695214	708011	1.88	cps
Terbium	159-1	20821421	20918685	20958906	20899671	0.34	cps
Terbium	159-2	8605232	9899619	9963977	9489609	8.08	cps
Thallium	203-1	1492	1742	1692	1642	8.06	cps
Thallium	205-1	4159	4117	4368	4215	3.18	cps
Thorium	232-1	672	722	656	683	5.08	cps
Tin	118-1	10662283	10452413	10488600	10534432	1.06	cps
Titanium	47-1	299114	296100	296712	297309	0.54	cps
Uranium	238-1	75	100	58	78	26.97	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3972-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-07 16:44:22	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	127	113	117	119	5.84	cps
Yttrium	89-1	26571231	26289240	26100073	26320182	0.90	cps
Yttrium	89-2	3569293	4084521	4185101	3946305	8.37	cps
Zinc	66-2	770	877	1090	912	17.84	cps
Zirconium	90-1	19689	18604	18879	19058	2.96	cps
Zirconium	91-1	4326	3967	3942	4078	5.26	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3972-06DL2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL2	Dilution Factor :	5
Date & Time Acquired ::	2020-10-07 16:47:50	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	150	258	175	42.33	cps
Antimony	121-1	250	125	192	189	33.11	cps
Arsenic	75-2	7	7	7	7	0.00	cps
Barium	135-1	250	342	342	311	17.01	cps
Barium	137-1	542	567	483	531	8.06	cps
Beryllium	9-1	67	61	56	61	9.09	cps
Bismuth	209-1	13592879	13576562	13559101	13576181	0.12	cps
Bismuth	209-2	7744699	7695458	7781009	7740389	0.55	cps
Boron	10-1	12389	11872	11480	11914	3.83	cps
Boron	11-1	56564	55594	53955	55371	2.38	cps
Bromine	81-1	56018	57942	56620	56860	1.73	cps
Bromine	81-2	280	180	180	214	27.06	cps
Cadmium	111-1	8977	8677	8670	8775	2.00	cps
Cadmium	106-1	12798	12372	12339	12503	2.05	cps
Cadmium	108-1	21	42	25	29	37.81	cps
Calcium	43-1	208287	208990	210197	209158	0.46	cps
Calcium	44-1	3374184	3371389	3346131	3363901	0.46	cps
Chromium	52-2	1031	1038	1046	1038	0.72	cps
Cobalt	59-2	120	103	140	121	15.16	cps
Copper	63-2	1793	1740	1887	1807	4.11	cps
Dysprosium	156-1	8	50	33	31	68.64	cps
Dysprosium	156-2	10	27	23	20	44.10	cps
Erbium	164-1	108	117	108	111	4.33	cps
Erbium	164-2	57	43	20	40	46.40	cps
Gadolinium	160-1	192	133	167	164	17.86	cps
Gadolinium	160-2	433	593	620	549	18.39	cps
Holmium	165-1	21151332	21063623	21074070	21096342	0.23	cps
Holmium	165-2	10638469	10576532	10704561	10639854	0.60	cps
Indium	115-1	16999706	16782587	16800887	16861060	0.71	cps
Indium	115-2	3654470	3651524	3640940	3648978	0.19	cps
Iron	54-2	1271	1231	1201	1235	2.85	cps
Iron	56-2	10521	10332	10737	10530	1.93	cps
Iron	57-2	3623	3689	3739	3684	1.59	cps
Krypton	83-1	640	703	823	722	12.89	cps
Lead	206-1	4367	4534	4673	4525	3.38	cps
Lead	207-1	3884	3817	3884	3862	1.00	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3972-06DL2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL2	Dilution Factor :	5
Date & Time Acquired ::	2020-10-07 16:47:50	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	17394	18150	18200	17914	2.52	cps
Lithium	6-1	4223059	4134423	4281210	4212898	1.75	cps
Magnesium	24-2	3003652	2919516	2827056	2916741	3.03	cps
Manganese	55-2	233	233	213	227	5.09	cps
Molybdenum	94-1	742	875	775	797	8.70	cps
Molybdenum	95-1	592	667	867	708	20.07	cps
Molybdenum	96-1	808	883	825	839	4.70	cps
Molybdenum	97-1	425	383	367	392	7.67	cps
Molybdenum	98-1	1125	1125	1150	1133	1.27	cps
Neodymium	150-1	7	20	20	16	49.47	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	60	93	77	77	21.74	cps
Phosphorus	31-2	83	175	100	119	40.88	cps
Potassium	39-2	2790254	2738014	2716743	2748337	1.38	cps
Rhodium	103-1	16033867	16083080	16037586	16051511	0.17	cps
Rhodium	103-2	7868257	8010772	7864808	7914612	1.05	cps
Scandium	45-1	12053245	12118508	12044612	12072122	0.33	cps
Scandium	45-2	672527	670069	666568	669722	0.45	cps
Selenium	82-1	206	60	-26	80	146.63	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	159	154	165	159	3.49	cps
Silicon	28-1	597443	592421	596134	595333	0.44	cps
Silver	109-1	217	250	200	222	11.46	cps
Silver	107-1	358	283	375	339	14.41	cps
Sodium	23-2	6348334	6255369	6084353	6229352	2.15	cps
Strontium	86-1	3350	3551	3667	3523	4.55	cps
Strontium	88-1	21759	21308	21133	21400	1.51	cps
Sulfur	34-1	713378	710852	721264	715164	0.76	cps
Terbium	159-1	21620589	21683849	21776251	21693563	0.36	cps
Terbium	159-2	10453945	10679738	10535287	10556323	1.08	cps
Thallium	203-1	1867	1508	1875	1750	11.96	cps
Thallium	205-1	4443	4101	4401	4315	4.32	cps
Thorium	232-1	378	544	494	472	18.11	cps
Tin	118-1	2559	2584	2125	2423	10.64	cps
Titanium	47-1	300	275	242	272	10.75	cps
Uranium	238-1	17	50	58	42	52.91	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3972-06DL2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL2	Dilution Factor :	5
Date & Time Acquired ::	2020-10-07 16:47:50	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	50	50	17	39	49.48	cps
Yttrium	89-1	27221763	27304480	27017077	27181107	0.54	cps
Yttrium	89-2	4387340	4367048	4356309	4370232	0.36	cps
Zinc	66-2	497	521	715	578	20.67	cps
Zirconium	90-1	1175	1242	1267	1228	3.86	cps
Zirconium	91-1	208	300	258	256	17.96	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3972-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-07 16:54:52	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	242	92	158	164	45.86	cps
Antimony	121-1	158	208	267	211	25.68	cps
Arsenic	75-2	6	7	4	6	33.38	cps
Barium	135-1	758	667	750	725	6.99	cps
Barium	137-1	1242	1008	983	1078	13.22	cps
Beryllium	9-1	83	44	28	52	54.98	cps
Bismuth	209-1	14473101	14400614	13658811	14177509	3.18	cps
Bismuth	209-2	8068228	7953728	7943228	7988394	0.87	cps
Boron	10-1	5952	5685	6110	5916	3.63	cps
Boron	11-1	30990	30748	28920	30219	3.75	cps
Bromine	81-1	56151	55131	54437	55240	1.56	cps
Bromine	81-2	370	440	320	377	16.00	cps
Cadmium	111-1	8770	9014	9144	8976	2.12	cps
Cadmium	106-1	12473	12898	13015	12795	2.23	cps
Cadmium	108-1	21	50	17	29	62.27	cps
Calcium	43-1	526053	527155	524610	525939	0.24	cps
Calcium	44-1	8214898	8001002	8030033	8081978	1.44	cps
Chromium	52-2	883	898	888	890	0.87	cps
Cobalt	59-2	143	147	147	146	1.32	cps
Copper	63-2	1820	1880	1627	1776	7.46	cps
Dysprosium	156-1	67	50	25	47	44.41	cps
Dysprosium	156-2	33	17	13	21	50.75	cps
Erbium	164-1	108	133	67	103	32.77	cps
Erbium	164-2	60	57	47	54	12.74	cps
Gadolinium	160-1	167	242	158	189	24.30	cps
Gadolinium	160-2	643	653	533	610	10.92	cps
Holmium	165-1	22436865	22398281	21967934	22267693	1.17	cps
Holmium	165-2	11061229	10928627	10934766	10974874	0.68	cps
Indium	115-1	18108955	17930096	17571385	17870145	1.53	cps
Indium	115-2	3858575	3817832	3798855	3825087	0.80	cps
Iron	54-2	931	931	1001	954	4.24	cps
Iron	56-2	11021	11021	11399	11147	1.96	cps
Iron	57-2	7735	7802	7435	7658	2.55	cps
Krypton	83-1	677	673	653	668	1.89	cps
Lead	206-1	4751	5062	4990	4934	3.30	cps
Lead	207-1	4384	4612	4351	4449	3.20	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3972-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-07 16:54:52	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	20034	20379	20006	20140	1.03	cps
Lithium	6-1	4539011	4407408	4473507	4473309	1.47	cps
Magnesium	24-2	7379447	7286903	7234269	7300206	1.01	cps
Manganese	55-2	283	313	230	276	15.32	cps
Molybdenum	94-1	1150	1133	1350	1211	9.96	cps
Molybdenum	95-1	1759	1533	1667	1653	6.85	cps
Molybdenum	96-1	1742	1583	1583	1636	5.59	cps
Molybdenum	97-1	800	900	950	883	8.65	cps
Molybdenum	98-1	2317	2584	2359	2420	5.93	cps
Neodymium	150-1	20	20	0	13	86.60	cps
Neodymium	150-2	10	3	0	4	114.60	cps
Nickel	60-2	180	160	130	157	16.06	cps
Phosphorus	31-2	175	125	150	150	16.67	cps
Potassium	39-2	6604659	6535131	6458283	6532691	1.12	cps
Rhodium	103-1	16922503	16799319	16656819	16792881	0.79	cps
Rhodium	103-2	8266186	8289334	8132549	8229356	1.03	cps
Scandium	45-1	12647060	12765016	12437481	12616519	1.31	cps
Scandium	45-2	701103	708934	706432	705490	0.57	cps
Selenium	82-1	71	95	65	77	20.08	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	181	152	185	173	10.57	cps
Silicon	28-1	548697	548334	545788	547606	0.29	cps
Silver	109-1	125	150	150	142	10.19	cps
Silver	107-1	292	417	317	342	19.36	cps
Sodium	23-2	15780540	15616856	15507717	15635038	0.88	cps
Strontium	86-1	7060	7352	6335	6916	7.57	cps
Strontium	88-1	53266	53149	51467	52627	1.91	cps
Sulfur	34-1	746093	732495	745399	741329	1.03	cps
Terbium	159-1	23028093	22876620	22193607	22699440	1.96	cps
Terbium	159-2	11199166	10958520	10927782	11028490	1.35	cps
Thallium	203-1	1617	1758	1742	1706	4.54	cps
Thallium	205-1	3559	3676	3467	3567	2.93	cps
Thorium	232-1	411	461	450	441	5.96	cps
Tin	118-1	1108	1258	1217	1195	6.48	cps
Titanium	47-1	225	233	267	242	9.12	cps
Uranium	238-1	0	42	0	14	173.21	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	L3972-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-07 16:54:52	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	20	33	33	29	26.64	cps
Yttrium	89-1	28902516	28669806	28382320	28651547	0.91	cps
Yttrium	89-2	4594621	4586093	4552700	4577805	0.48	cps
Zinc	66-2	442	461	447	450	2.15	cps
Zirconium	90-1	1133	1183	1275	1197	6.00	cps
Zirconium	91-1	292	200	217	236	20.68	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	PB131559BL	Instrumnet Name :	P7
Client Sample ID :	PB131559BL	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 17:02:43	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	100	183	161	33.26	cps
Antimony	121-1	142	83	133	119	26.41	cps
Arsenic	75-2	7	4	2	4	65.54	cps
Barium	135-1	17	8	8	11	43.34	cps
Barium	137-1	83	50	83	72	26.65	cps
Beryllium	9-1	22	39	72	44	57.28	cps
Bismuth	209-1	13119656	12964918	12997115	13027230	0.63	cps
Bismuth	209-2	7392838	7448207	7447326	7429457	0.43	cps
Boron	10-1	5026	4768	4543	4779	5.06	cps
Boron	11-1	21057	20840	22183	21360	3.38	cps
Bromine	81-1	54320	52781	56009	54370	2.97	cps
Bromine	81-2	150	110	180	147	23.95	cps
Cadmium	111-1	8170	7729	8114	8004	3.00	cps
Cadmium	106-1	11713	11046	11613	11458	3.14	cps
Cadmium	108-1	42	29	33	35	18.33	cps
Calcium	43-1	267	283	292	281	4.54	cps
Calcium	44-1	20118	20032	21060	20403	2.79	cps
Chromium	52-2	977	1089	1167	1078	8.84	cps
Cobalt	59-2	120	87	83	97	20.98	cps
Copper	63-2	1857	1673	1830	1787	5.54	cps
Dysprosium	156-1	33	17	8	19	65.47	cps
Dysprosium	156-2	7	10	17	11	45.82	cps
Erbium	164-1	133	67	125	108	33.53	cps
Erbium	164-2	33	37	33	34	5.60	cps
Gadolinium	160-1	117	175	183	158	22.94	cps
Gadolinium	160-2	477	537	540	518	6.88	cps
Holmium	165-1	20352993	20361190	19851216	20188467	1.45	cps
Holmium	165-2	10105849	10085547	10105525	10098974	0.12	cps
Indium	115-1	16095634	16181598	16165453	16147562	0.28	cps
Indium	115-2	3492192	3513589	3503229	3503003	0.31	cps
Iron	54-2	1321	1281	1251	1285	2.74	cps
Iron	56-2	9753	9887	10865	10169	5.97	cps
Iron	57-2	950	883	867	900	4.90	cps
Krypton	83-1	640	677	627	648	4.00	cps
Lead	206-1	1783	2022	1850	1885	6.54	cps
Lead	207-1	1622	1800	1639	1687	5.82	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	PB131559BL	Instrumnet Name :	P7
Client Sample ID :	PB131559BL	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 17:02:43	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	7173	7784	7540	7499	4.10	cps
Lithium	6-1	4019711	4032891	3984387	4012330	0.63	cps
Magnesium	24-2	200	158	267	208	26.23	cps
Manganese	55-2	77	87	43	69	32.94	cps
Molybdenum	94-1	458	400	408	422	7.47	cps
Molybdenum	95-1	75	25	42	47	53.91	cps
Molybdenum	96-1	75	208	158	147	45.75	cps
Molybdenum	97-1	33	17	25	25	33.32	cps
Molybdenum	98-1	100	92	75	89	14.32	cps
Neodymium	150-1	0	0	20	7	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	50	67	60	59	14.25	cps
Phosphorus	31-2	175	175	150	167	8.66	cps
Potassium	39-2	73683	72259	71773	72572	1.37	cps
Rhodium	103-1	15646245	15629542	15302924	15526237	1.25	cps
Rhodium	103-2	7536671	7559597	7532443	7542904	0.19	cps
Scandium	45-1	11341264	11299923	11358753	11333313	0.27	cps
Scandium	45-2	632823	634269	632871	633321	0.13	cps
Selenium	82-1	172	84	93	116	41.79	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	130	148	144	141	6.96	cps
Silicon	28-1	590917	587237	592237	590130	0.44	cps
Silver	109-1	117	117	125	119	4.03	cps
Silver	107-1	183	233	225	214	12.52	cps
Sodium	23-2	41165	41867	42185	41739	1.25	cps
Strontium	86-1	992	975	1050	1006	3.92	cps
Strontium	88-1	275	333	308	306	9.58	cps
Sulfur	34-1	752225	754197	760001	755474	0.54	cps
Terbium	159-1	20834489	19897930	20465127	20399182	2.31	cps
Terbium	159-2	10001006	10064453	10038804	10034754	0.32	cps
Thallium	203-1	1058	1225	1375	1220	12.99	cps
Thallium	205-1	2992	3109	3109	3070	2.19	cps
Thorium	232-1	400	394	450	415	7.38	cps
Tin	118-1	1000	1442	1333	1258	18.29	cps
Titanium	47-1	108	150	208	156	32.29	cps
Uranium	238-1	0	25	0	8	173.21	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	PB131559BL	Instrumnet Name :	P7
Client Sample ID :	PB131559BL	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 17:02:43	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3	13	0	6	124.93	cps
Yttrium	89-1	26002603	26146825	25867621	26005683	0.54	cps
Yttrium	89-2	4140865	4167364	4183060	4163763	0.51	cps
Zinc	66-2	374	537	772	561	35.69	cps
Zirconium	90-1	1533	1142	1125	1267	18.24	cps
Zirconium	91-1	208	192	242	214	11.90	cps

LB Number : LB111396 Operator : JASWAL
 Lab Sample ID : PB131555BL Instrumnet Name : P7
 Client Sample ID : PB131555BL Dilution Factor : 1
 Date & Time Acquired :: 2020-10-07 17:06:10 DataFile Name : 042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	192	233	208	10.58	cps
Antimony	121-1	150	117	125	131	13.29	cps
Arsenic	75-2	6	6	4	5	21.74	cps
Barium	135-1	50	58	50	53	9.11	cps
Barium	137-1	83	83	75	81	5.98	cps
Beryllium	9-1	28	44	44	39	24.75	cps
Bismuth	209-1	13092100	13158782	13266609	13172497	0.67	cps
Bismuth	209-2	7453783	7527609	7629728	7537040	1.17	cps
Boron	10-1	3968	3809	3818	3865	2.30	cps
Boron	11-1	18570	18654	18303	18509	0.99	cps
Bromine	81-1	53174	52638	54337	53383	1.63	cps
Bromine	81-2	70	100	110	93	22.30	cps
Cadmium	111-1	8166	8166	8765	8366	4.14	cps
Cadmium	106-1	11655	11680	12522	11953	4.13	cps
Cadmium	108-1	25	21	13	19	32.73	cps
Calcium	43-1	333	283	300	306	8.33	cps
Calcium	44-1	21261	22192	20990	21481	2.94	cps
Chromium	52-2	1003	1118	1035	1052	5.61	cps
Cobalt	59-2	70	143	97	103	35.92	cps
Copper	63-2	1757	1723	1883	1788	4.72	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	7	13	13	11	34.61	cps
Erbium	164-1	42	133	75	83	55.68	cps
Erbium	164-2	53	40	33	42	24.12	cps
Gadolinium	160-1	150	150	108	136	17.67	cps
Gadolinium	160-2	500	537	493	510	4.57	cps
Holmium	165-1	20209925	20343385	20362086	20305132	0.41	cps
Holmium	165-2	10278312	10170167	10337865	10262115	0.83	cps
Indium	115-1	16435948	16441813	16538219	16471993	0.35	cps
Indium	115-2	3541392	3517364	3538757	3532505	0.37	cps
Iron	54-2	1331	1492	1532	1452	7.30	cps
Iron	56-2	9915	9931	10298	10048	2.16	cps
Iron	57-2	889	733	956	859	13.27	cps
Krypton	83-1	653	653	683	663	2.61	cps
Lead	206-1	1567	1356	1517	1480	7.46	cps
Lead	207-1	1311	1200	1189	1233	5.48	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	PB131555BL	Instrumnet Name :	P7
Client Sample ID :	PB131555BL	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 17:06:10	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	6040	5806	5495	5780	4.73	cps
Lithium	6-1	4070724	4047327	4043692	4053914	0.36	cps
Magnesium	24-2	350	225	250	275	24.05	cps
Manganese	55-2	123	67	113	101	29.91	cps
Molybdenum	94-1	467	292	500	419	26.68	cps
Molybdenum	95-1	17	67	58	47	56.72	cps
Molybdenum	96-1	142	183	167	164	12.80	cps
Molybdenum	97-1	17	17	8	14	34.67	cps
Molybdenum	98-1	92	75	67	78	16.37	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	7	10	6	91.64	cps
Nickel	60-2	57	60	70	62	11.15	cps
Phosphorus	31-2	142	133	125	133	6.25	cps
Potassium	39-2	75484	74361	72846	74230	1.78	cps
Rhodium	103-1	15728706	15602628	15520412	15617249	0.67	cps
Rhodium	103-2	7687904	7600906	7674205	7654338	0.61	cps
Scandium	45-1	11519312	11448555	11516004	11494624	0.35	cps
Scandium	45-2	641255	638974	647563	642597	0.69	cps
Selenium	82-1	84	131	128	114	23.06	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	169	159	143	157	8.38	cps
Silicon	28-1	584750	588178	588082	587003	0.33	cps
Silver	109-1	67	83	92	81	15.80	cps
Silver	107-1	217	242	225	228	5.59	cps
Sodium	23-2	43121	42009	41157	42096	2.34	cps
Strontium	86-1	925	1033	1258	1072	15.86	cps
Strontium	88-1	333	383	283	333	15.00	cps
Sulfur	34-1	753805	751261	756331	753799	0.34	cps
Terbium	159-1	20946476	20896435	20966116	20936342	0.17	cps
Terbium	159-2	10325040	10108692	10221654	10218462	1.06	cps
Thallium	203-1	892	1017	1008	972	7.19	cps
Thallium	205-1	2525	2542	2509	2525	0.66	cps
Thorium	232-1	383	378	394	385	2.20	cps
Tin	118-1	1167	1467	1225	1286	12.37	cps
Titanium	47-1	150	208	217	192	18.95	cps
Uranium	238-1	25	8	0	11	114.58	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	PB131555BL	Instrumnet Name :	P7
Client Sample ID :	PB131555BL	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 17:06:10	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	0	7	10	6	91.64	cps
Yttrium	89-1	25894913	26115428	26083885	26031409	0.46	cps
Yttrium	89-2	4230591	4192781	4215142	4212838	0.45	cps
Zinc	66-2	565	601	882	683	25.45	cps
Zirconium	90-1	1183	1133	1275	1197	6.00	cps
Zirconium	91-1	192	167	300	219	32.30	cps

LB Number : LB111396 Operator : JASWAL
 Lab Sample ID : PB131559BS Instrumnet Name : P7
 Client Sample ID : PB131559BS Dilution Factor : 1
 Date & Time Acquired :: 2020-10-07 17:09:38 DataFile Name : 043DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1977974	1988139	1955324	1973813	0.85	cps
Antimony	121-1	6845294	6750868	6789592	6795251	0.70	cps
Arsenic	75-2	273249	270568	268661	270826	0.85	cps
Barium	135-1	8889154	8848904	9026409	8921489	1.04	cps
Barium	137-1	15444355	15386270	15615307	15481977	0.77	cps
Beryllium	9-1	1393427	1382047	1377364	1384279	0.60	cps
Bismuth	209-1	12662333	12663269	12851472	12725691	0.86	cps
Bismuth	209-2	6570180	7255187	6499493	6774953	6.16	cps
Boron	10-1	225604	228912	229378	227965	0.90	cps
Boron	11-1	1015359	1021263	1024699	1020440	0.46	cps
Bromine	81-1	47672	48541	50690	48967	3.17	cps
Bromine	81-2	110	150	100	120	22.05	cps
Cadmium	111-1	1909894	1912917	1908198	1910337	0.13	cps
Cadmium	106-1	231650	230023	229227	230300	0.54	cps
Cadmium	108-1	151341	149185	151914	150813	0.95	cps
Calcium	43-1	2448197	2414836	2426820	2429951	0.70	cps
Calcium	44-1	36670167	36507866	36636887	36604973	0.23	cps
Chromium	52-2	2934907	2906387	2865770	2902355	1.20	cps
Cobalt	59-2	4056694	4037149	3962846	4018896	1.23	cps
Copper	63-2	28085780	28012670	27601515	27899988	0.94	cps
Dysprosium	156-1	208	308	317	278	21.70	cps
Dysprosium	156-2	340	330	300	323	6.44	cps
Erbium	164-1	125	142	175	147	17.30	cps
Erbium	164-2	43	67	73	61	25.78	cps
Gadolinium	160-1	267	292	400	319	22.19	cps
Gadolinium	160-2	613	597	527	579	7.94	cps
Holmium	165-1	20135732	20043600	20770663	20316665	1.95	cps
Holmium	165-2	10297415	10241883	10081982	10207093	1.10	cps
Indium	115-1	15536417	15739089	15753887	15676464	0.78	cps
Indium	115-2	3355909	3372222	3388499	3372210	0.48	cps
Iron	54-2	6175959	6048630	5980283	6068290	1.64	cps
Iron	56-2	111855075	110437730	108744608	110345804	1.41	cps
Iron	57-2	2797034	2790323	2751448	2779601	0.89	cps
Krypton	83-1	723	603	690	672	9.22	cps
Lead	206-1	29871165	30074611	30336273	30094016	0.77	cps
Lead	207-1	27441280	27085481	27648278	27391680	1.04	cps

LB Number : LB111396 Operator : JASWAL
 Lab Sample ID : PB131559BS Instrumnet Name : P7
 Client Sample ID : PB131559BS Dilution Factor : 1
 Date & Time Acquired :: 2020-10-07 17:09:38 DataFile Name : 043DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	122436585	122173899	122867706	122492730	0.29	cps
Lithium	6-1	3843052	3889652	3917760	3883488	0.97	cps
Magnesium	24-2	21553913	21400482	20955106	21303167	1.46	cps
Manganese	55-2	17261529	17112501	16814785	17062938	1.33	cps
Molybdenum	94-1	14655538	14643063	14899903	14732835	0.98	cps
Molybdenum	95-1	18017103	17917993	18286749	18073948	1.06	cps
Molybdenum	96-1	19983699	19845001	19872157	19900286	0.37	cps
Molybdenum	97-1	11225274	11144651	11091005	11153643	0.61	cps
Molybdenum	98-1	28733328	28585090	29084349	28800922	0.89	cps
Neodymium	150-1	740	880	900	840	10.38	cps
Neodymium	150-2	77	110	83	90	19.60	cps
Nickel	60-2	1063754	1055297	1033042	1050698	1.51	cps
Phosphorus	31-2	121617	122356	118316	120763	1.78	cps
Potassium	39-2	11342158	11261340	11148008	11250502	0.87	cps
Rhodium	103-1	14418253	14414621	14485748	14439541	0.28	cps
Rhodium	103-2	7212687	7163227	7235884	7203933	0.52	cps
Scandium	45-1	10945634	11036263	11026187	11002695	0.45	cps
Scandium	45-2	612598	616293	614930	614607	0.30	cps
Selenium	82-1	150457	147326	148650	148811	1.06	cps
Selenium	77-2	8242	8266	8022	8177	1.64	cps
Selenium	78-2	27886	27641	27810	27779	0.45	cps
Silicon	28-1	8226155	8364716	8474693	8355188	1.49	cps
Silver	109-1	8726719	8678011	8673896	8692875	0.34	cps
Silver	107-1	9125509	9142660	9330025	9199398	1.23	cps
Sodium	23-2	37708152	37553835	36818133	37360040	1.27	cps
Strontium	86-1	2465411	2444999	2457060	2455823	0.42	cps
Strontium	88-1	22100564	21704510	21738064	21847712	1.01	cps
Sulfur	34-1	1551058	1532545	1540073	1541226	0.60	cps
Terbium	159-1	20565415	20725715	21013809	20768313	1.09	cps
Terbium	159-2	10309061	10140707	10178448	10209405	0.87	cps
Thallium	203-1	6343362	6947271	7031921	6774185	5.54	cps
Thallium	205-1	16649448	16728262	16913174	16763628	0.81	cps
Thorium	232-1	25527176	25431713	26075504	25678131	1.35	cps
Tin	118-1	5762952	5732726	5856189	5783955	1.11	cps
Titanium	47-1	5461251	5387030	5376101	5408128	0.86	cps
Uranium	238-1	24986388	24719586	24936457	24880810	0.57	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	PB131559BS	Instrumnet Name :	P7
Client Sample ID :	PB131559BS	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 17:09:38	DataFile Name :	043DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2150592	2136670	2111482	2132914	0.93	cps
Yttrium	89-1	25602274	25068090	25507055	25392473	1.12	cps
Yttrium	89-2	4075013	4079048	4096538	4083533	0.28	cps
Zinc	66-2	3578759	3554605	3530993	3554786	0.67	cps
Zirconium	90-1	12725832	12514662	12547045	12595846	0.90	cps
Zirconium	91-1	2805880	2774985	2804429	2795098	0.62	cps

LB Number : LB111396 Operator : JASWAL
 Lab Sample ID : PB131555BS Instrumnet Name : P7
 Client Sample ID : PB131555BS Dilution Factor : 1
 Date & Time Acquired :: 2020-10-07 17:26:29 DataFile Name : 047DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1855651	1866520	1848571	1856914	0.49	cps
Antimony	121-1	6048480	6051098	6290349	6129976	2.27	cps
Arsenic	75-2	247499	248225	245887	247204	0.48	cps
Barium	135-1	8236147	8182202	8102625	8173658	0.82	cps
Barium	137-1	14220799	14191657	14311910	14241455	0.44	cps
Beryllium	9-1	1244198	1243744	1229338	1239094	0.68	cps
Bismuth	209-1	12843730	12912909	12840213	12865618	0.32	cps
Bismuth	209-2	6496748	6557846	7390569	6815054	7.33	cps
Boron	10-1	212556	215745	211556	213286	1.03	cps
Boron	11-1	945064	967308	955195	955856	1.17	cps
Bromine	81-1	50322	50422	49728	50157	0.75	cps
Bromine	81-2	110	80	100	97	15.80	cps
Cadmium	111-1	1744802	1774575	1752721	1757366	0.88	cps
Cadmium	106-1	212664	211411	210525	211533	0.51	cps
Cadmium	108-1	135071	137554	136245	136290	0.91	cps
Calcium	43-1	2194711	2200093	2200460	2198422	0.15	cps
Calcium	44-1	33706177	34021343	33487382	33738300	0.80	cps
Chromium	52-2	2652269	2668431	2622458	2647719	0.88	cps
Cobalt	59-2	3707853	3687182	3645987	3680340	0.86	cps
Copper	63-2	25313255	25700661	25115511	25376476	1.17	cps
Dysprosium	156-1	333	275	292	300	10.02	cps
Dysprosium	156-2	290	343	290	308	10.00	cps
Erbium	164-1	142	108	58	103	40.81	cps
Erbium	164-2	23	63	73	53	49.61	cps
Gadolinium	160-1	233	342	350	308	21.11	cps
Gadolinium	160-2	497	650	523	557	14.72	cps
Holmium	165-1	20414433	20586896	20390166	20463832	0.52	cps
Holmium	165-2	10237273	10216453	10193387	10215704	0.21	cps
Indium	115-1	15666718	15894537	15785036	15782097	0.72	cps
Indium	115-2	3329008	3360384	3378149	3355847	0.74	cps
Iron	54-2	5571107	5568127	5498895	5546043	0.74	cps
Iron	56-2	101671658	100257813	100648366	100859279	0.72	cps
Iron	57-2	2554066	2544256	2520078	2539467	0.69	cps
Krypton	83-1	530	617	593	580	7.73	cps
Lead	206-1	27597788	27577237	27687674	27620899	0.21	cps
Lead	207-1	25390308	25554056	24980173	25308179	1.17	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	PB131555BS	Instrumnet Name :	P7
Client Sample ID :	PB131555BS	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 17:26:29	DataFile Name :	047DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	113234525	114028089	112516056	113259556	0.67	cps
Lithium	6-1	3837886	3848319	3794633	3826946	0.74	cps
Magnesium	24-2	19360226	19514336	19472326	19448963	0.41	cps
Manganese	55-2	15781990	15581361	15436079	15599810	1.11	cps
Molybdenum	94-1	13657627	13555476	13417908	13543670	0.89	cps
Molybdenum	95-1	16730693	16804815	16599848	16711785	0.62	cps
Molybdenum	96-1	18444885	18419250	17942917	18269017	1.55	cps
Molybdenum	97-1	10298888	10300133	10088151	10229057	1.19	cps
Molybdenum	98-1	26661729	26468319	26258626	26462891	0.76	cps
Neodymium	150-1	773	640	660	691	10.41	cps
Neodymium	150-2	77	53	83	71	22.15	cps
Nickel	60-2	964565	954544	947806	955638	0.88	cps
Phosphorus	31-2	107752	107652	106796	107400	0.49	cps
Potassium	39-2	10123143	10282201	10222425	10209256	0.79	cps
Rhodium	103-1	14542875	14386128	14382514	14437172	0.63	cps
Rhodium	103-2	7136365	7227382	7301703	7221817	1.15	cps
Scandium	45-1	10981959	10821597	10952053	10918536	0.78	cps
Scandium	45-2	601800	607128	610157	606362	0.70	cps
Selenium	82-1	135110	136312	134497	135306	0.68	cps
Selenium	77-2	7415	7532	7479	7475	0.78	cps
Selenium	78-2	25602	25535	25291	25476	0.64	cps
Silicon	28-1	6158772	6198715	6225745	6194411	0.54	cps
Silver	109-1	8049125	8130859	8048663	8076216	0.59	cps
Silver	107-1	8482069	8496662	8523479	8500737	0.25	cps
Sodium	23-2	34018979	34008674	34503465	34177039	0.83	cps
Strontium	86-1	2267214	2276437	2228365	2257339	1.13	cps
Strontium	88-1	20275557	20200618	19855052	20110409	1.12	cps
Sulfur	34-1	1385289	1391138	1384437	1386955	0.26	cps
Terbium	159-1	21058104	20801386	20982941	20947477	0.63	cps
Terbium	159-2	10194690	10113687	10232150	10180176	0.59	cps
Thallium	203-1	5914466	5948883	5841795	5901715	0.93	cps
Thallium	205-1	15271854	15448077	15487556	15402496	0.75	cps
Thorium	232-1	23613060	23816105	23213601	23547588	1.30	cps
Tin	118-1	5253634	5263049	5274398	5263694	0.20	cps
Titanium	47-1	5035637	4966800	4816786	4939741	2.27	cps
Uranium	238-1	22666449	22958216	22283994	22636220	1.49	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	PB131555BS	Instrumnet Name :	P7
Client Sample ID :	PB131555BS	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 17:26:29	DataFile Name :	047DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1941487	1956380	1931762	1943210	0.64	cps
Yttrium	89-1	25236344	25575865	25278044	25363417	0.73	cps
Yttrium	89-2	4045151	4067518	4081319	4064663	0.45	cps
Zinc	66-2	3266430	3260170	3230923	3252508	0.58	cps
Zirconium	90-1	11463874	11671499	11445024	11526799	1.09	cps
Zirconium	91-1	2561108	2558160	2542253	2553840	0.40	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 17:29:44	DataFile Name :	048CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9499578	9222600	9363637	9361938	1.48	cps
Antimony	121-1	6596263	6587931	6640144	6608113	0.42	cps
Arsenic	75-2	259326	257491	260312	259043	0.55	cps
Barium	135-1	8671916	8700565	8683447	8685309	0.17	cps
Barium	137-1	15144405	15322541	15248815	15238587	0.59	cps
Beryllium	9-1	1328550	1324153	1306469	1319724	0.89	cps
Bismuth	209-1	11994142	11820342	11889583	11901356	0.74	cps
Bismuth	209-2	6070894	5975929	6019025	6021949	0.79	cps
Boron	10-1	233010	232846	231706	232521	0.31	cps
Boron	11-1	1039477	1040327	1054618	1044807	0.81	cps
Bromine	81-1	51267	50656	51058	50994	0.61	cps
Bromine	81-2	250	200	260	237	13.58	cps
Cadmium	111-1	1978527	1979333	2001686	1986515	0.66	cps
Cadmium	106-1	236495	237654	235925	236691	0.37	cps
Cadmium	108-1	155375	155485	155414	155425	0.04	cps
Calcium	43-1	11150974	11239189	11212116	11200760	0.40	cps
Calcium	44-1	180664161	180469623	178734902	179956229	0.59	cps
Chromium	52-2	2869019	2854314	2846003	2856446	0.41	cps
Cobalt	59-2	3903780	3874942	3866607	3881776	0.50	cps
Copper	63-2	27803408	27175271	27519901	27499527	1.14	cps
Dysprosium	156-1	650	542	700	631	12.84	cps
Dysprosium	156-2	523	567	677	589	13.42	cps
Erbium	164-1	175	217	142	178	21.14	cps
Erbium	164-2	97	90	70	86	16.22	cps
Gadolinium	160-1	758	783	725	756	3.87	cps
Gadolinium	160-2	800	927	870	866	7.33	cps
Holmium	165-1	20196600	20162420	20003968	20120996	0.51	cps
Holmium	165-2	10021717	10059903	10158094	10079905	0.70	cps
Indium	115-1	15413639	15263030	15608686	15428452	1.12	cps
Indium	115-2	3279846	3253155	3294202	3275734	0.64	cps
Iron	54-2	27751282	27313259	27514743	27526428	0.80	cps
Iron	56-2	508193689	504147900	502523178	504954922	0.58	cps
Iron	57-2	12846670	12615158	12647530	12703120	0.99	cps
Krypton	83-1	677	710	643	677	4.93	cps
Lead	206-1	28257205	28226272	28025421	28169633	0.45	cps
Lead	207-1	26079923	25561455	25951939	25864439	1.04	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 17:29:44	DataFile Name :	048CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	116894325	114730564	115960721	115861870	0.94	cps
Lithium	6-1	3816268	3735789	3781771	3777943	1.07	cps
Magnesium	24-2	105371059	103213259	102727411	103770576	1.36	cps
Manganese	55-2	16917135	16709480	16796383	16807666	0.62	cps
Molybdenum	94-1	14701196	14877058	14826320	14801525	0.61	cps
Molybdenum	95-1	18079813	17981042	18027741	18029532	0.27	cps
Molybdenum	96-1	19774546	19628946	19727268	19710253	0.38	cps
Molybdenum	97-1	11178141	11076926	10997452	11084173	0.82	cps
Molybdenum	98-1	28782644	28393071	28486200	28553972	0.71	cps
Neodymium	150-1	867	713	940	840	13.77	cps
Neodymium	150-2	103	93	87	94	8.88	cps
Nickel	60-2	994355	985324	982993	987557	0.61	cps
Phosphorus	31-2	120256	118509	118174	118979	0.94	cps
Potassium	39-2	55559089	55061620	55299470	55306726	0.45	cps
Rhodium	103-1	13817775	13928747	13734296	13826940	0.71	cps
Rhodium	103-2	6800961	6756621	6848611	6802064	0.68	cps
Scandium	45-1	11150043	11092767	11139784	11127532	0.27	cps
Scandium	45-2	616269	621348	625258	620958	0.73	cps
Selenium	82-1	142485	142581	141414	142160	0.46	cps
Selenium	77-2	7972	7899	7549	7807	2.90	cps
Selenium	78-2	27405	26702	27253	27120	1.36	cps
Silicon	28-1	6159169	6200952	6194037	6184719	0.36	cps
Silver	109-1	8196150	8095331	8161783	8151088	0.63	cps
Silver	107-1	8658339	8563075	8659621	8627011	0.64	cps
Sodium	23-2	183413133	180388075	180168058	181323089	1.00	cps
Strontium	86-1	2435596	2418767	2413527	2422630	0.48	cps
Strontium	88-1	21763869	21781927	21646208	21730668	0.34	cps
Sulfur	34-1	1461870	1477221	1472728	1470607	0.54	cps
Terbium	159-1	20830208	20899702	20503751	20744554	1.02	cps
Terbium	159-2	9968975	9946602	10122943	10012840	0.96	cps
Thallium	203-1	6085007	6059519	6080660	6075062	0.22	cps
Thallium	205-1	15795365	15940055	15677442	15804287	0.83	cps
Thorium	232-1	25867698	25108135	25485619	25487150	1.49	cps
Tin	118-1	5669990	5583066	5565663	5606240	1.00	cps
Titanium	47-1	5414602	5365904	5390121	5390209	0.45	cps
Uranium	238-1	24392346	23912076	24350899	24218440	1.10	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 17:29:44	DataFile Name :	048CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2151216	2137810	2127423	2138817	0.56	cps
Yttrium	89-1	25459485	25510933	25334464	25434961	0.36	cps
Yttrium	89-2	4063648	4032175	4118143	4071322	1.07	cps
Zinc	66-2	3875088	3842444	3860071	3859201	0.42	cps
Zirconium	90-1	12732686	12745174	12498708	12658856	1.10	cps
Zirconium	91-1	2814403	2798017	2790409	2800943	0.44	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 17:47:10	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	292	325	375	331	12.69	cps
Antimony	121-1	517	425	383	442	15.44	cps
Arsenic	75-2	9	22	19	17	40.05	cps
Barium	135-1	283	158	242	228	27.94	cps
Barium	137-1	475	383	642	500	26.19	cps
Beryllium	9-1	111	94	133	113	17.27	cps
Bismuth	209-1	13368442	13261947	13475915	13368768	0.80	cps
Bismuth	209-2	7536350	7524004	7474543	7511633	0.44	cps
Boron	10-1	4902	5185	4936	5008	3.09	cps
Boron	11-1	26265	25055	24737	25352	3.18	cps
Bromine	81-1	54905	56143	55675	55574	1.13	cps
Bromine	81-2	160	180	170	170	5.88	cps
Cadmium	111-1	8290	8305	8050	8215	1.74	cps
Cadmium	106-1	11780	11839	11438	11686	1.85	cps
Cadmium	108-1	21	33	21	25	28.87	cps
Calcium	43-1	508	467	508	494	4.86	cps
Calcium	44-1	24524	25663	25129	25105	2.27	cps
Chromium	52-2	1114	1258	1266	1213	7.06	cps
Cobalt	59-2	197	193	237	209	11.54	cps
Copper	63-2	2600	2604	2604	2602	0.07	cps
Dysprosium	156-1	33	17	42	31	41.66	cps
Dysprosium	156-2	3	20	3	9	108.30	cps
Erbium	164-1	58	75	125	86	40.29	cps
Erbium	164-2	37	47	57	47	21.43	cps
Gadolinium	160-1	158	133	142	144	8.81	cps
Gadolinium	160-2	557	537	517	537	3.73	cps
Holmium	165-1	20640406	20609276	20590823	20613502	0.12	cps
Holmium	165-2	10505028	10410018	10235458	10383502	1.32	cps
Indium	115-1	17014741	17013754	16791089	16939862	0.76	cps
Indium	115-2	3620489	3639094	3622289	3627291	0.28	cps
Iron	54-2	2002	2002	1962	1989	1.16	cps
Iron	56-2	19925	20787	19669	20127	2.91	cps
Iron	57-2	1128	1150	1233	1170	4.76	cps
Krypton	83-1	670	697	613	660	6.45	cps
Lead	206-1	1978	2017	2417	2137	11.37	cps
Lead	207-1	1995	1817	1822	1878	5.38	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 17:47:10	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	8357	8346	8662	8455	2.13	cps
Lithium	6-1	4046839	4031219	3977258	4018439	0.91	cps
Magnesium	24-2	2575	2409	2025	2336	12.07	cps
Manganese	55-2	593	617	493	568	11.54	cps
Molybdenum	94-1	850	775	775	800	5.41	cps
Molybdenum	95-1	458	592	525	525	12.70	cps
Molybdenum	96-1	800	708	608	706	13.59	cps
Molybdenum	97-1	392	317	275	328	18.04	cps
Molybdenum	98-1	817	792	775	794	2.64	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	113	57	120	97	36.00	cps
Phosphorus	31-2	175	133	117	142	21.21	cps
Potassium	39-2	78164	78029	78004	78066	0.11	cps
Rhodium	103-1	16073062	15905402	15711846	15896770	1.14	cps
Rhodium	103-2	7982287	7900070	7965058	7949138	0.55	cps
Scandium	45-1	11886731	12107409	11790300	11928147	1.36	cps
Scandium	45-2	667897	670609	670582	669696	0.23	cps
Selenium	82-1	261	191	243	232	15.69	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	156	200	172	176	12.76	cps
Silicon	28-1	623768	622947	621634	622783	0.17	cps
Silver	109-1	275	233	392	300	27.36	cps
Silver	107-1	517	542	525	528	2.41	cps
Sodium	23-2	52132	51731	51723	51862	0.45	cps
Strontium	86-1	1158	1358	1117	1211	10.67	cps
Strontium	88-1	858	808	650	772	14.08	cps
Sulfur	34-1	685029	690155	693810	689665	0.64	cps
Terbium	159-1	21203025	21144647	21794371	21380681	1.68	cps
Terbium	159-2	10177829	10356154	10535549	10356510	1.73	cps
Thallium	203-1	392	450	375	406	9.71	cps
Thallium	205-1	783	908	958	883	10.21	cps
Thorium	232-1	1100	850	1061	1004	13.40	cps
Tin	118-1	1508	1542	1542	1531	1.26	cps
Titanium	47-1	325	258	225	269	18.90	cps
Uranium	238-1	475	492	525	497	5.12	cps

LB Number :	LB111396	Operator :	JASWAL
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2020-10-07 17:47:10	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	70	53	83	69	21.82	cps
Yttrium	89-1	27110339	26734743	26846852	26897311	0.72	cps
Yttrium	89-2	4401695	4395364	4376836	4391298	0.29	cps
Zinc	66-2	750	809	970	843	13.55	cps
Zirconium	90-1	1625	1433	1633	1564	7.24	cps
Zirconium	91-1	367	267	408	347	20.97	cps