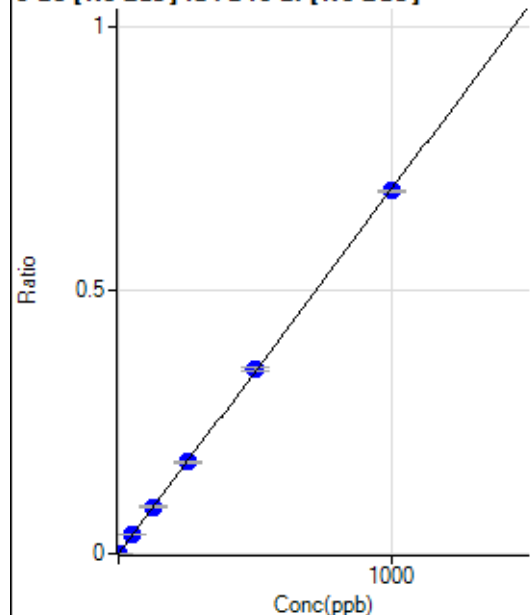


Batch Folder: C:\Agilent\ICPMH\1\DATA\P7101220M .b\
Analysis File: P7101220M .batch.bin
DA Date-Time: 2020-10-12 17:23:57
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2020-10-12 14:02:05
2	004CALS.d	S02	2020-10-12 14:05:32
3	005CALS.d	S03	2020-10-12 14:08:59
4	006CALS.d	S04	2020-10-12 14:12:27
5	007CALS.d	S05	2020-10-12 14:15:53
6	008CALS.d	S06	2020-10-12 14:19:11
7	009CALS.d	S07	2020-10-12 14:22:27
8	010CALS.d	S08	2020-10-12 14:25:42

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	60.1
2	☐	1.000	0.948	2541.00	0.0007	P	2.6
3	☐	50.000	52.127	136711.96	0.0361	P	0.9
4	☐	125.000	128.897	331982.00	0.0893	P	0.7
5	☐	250.000	252.125	630200.81	0.1747	P	1.6
6	☐	500.000	506.806	1198232.46	0.3511	P	1.2
7	☐	1000.000	995.472	2322079.74	0.6896	P	0.3
8	☐			261.12	0.0001	P	4.9

$$y = 6.9277\text{E-}004 * x + 7.2527\text{E-}006$$

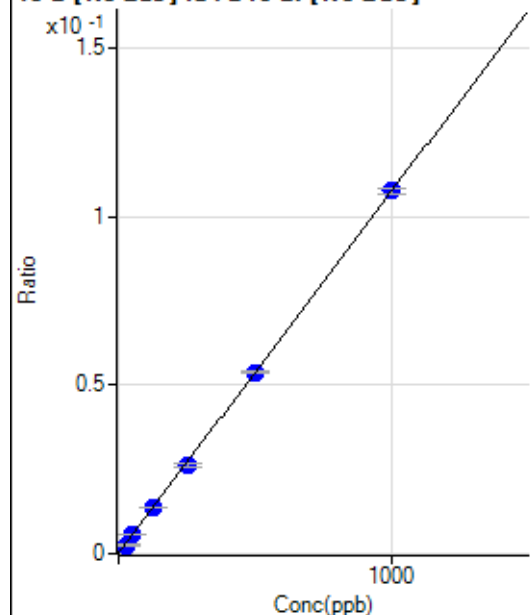
$$R = 1.0000$$

$$DL = 0.01887$$

$$BEC = 0.01047$$

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	611.28	0.0002	P	1.0
2	☐	25.000	22.234	9738.20	0.0025	P	1.8
3	☐	50.000	50.232	21008.69	0.0056	P	0.6
4	☐	125.000	125.023	50472.46	0.0136	P	1.3
5	☐	250.000	242.810	94575.85	0.0262	P	2.6
6	☐	500.000	500.803	183966.83	0.0539	P	1.1
7	☐	1000.000	1001.451	362376.51	0.1076	P	1.8
8	☐			15162.01	0.0045	P	7.0

$$y = 1.0732\text{E-}004 * x + 1.5939\text{E-}004$$

$$R = 1.0000$$

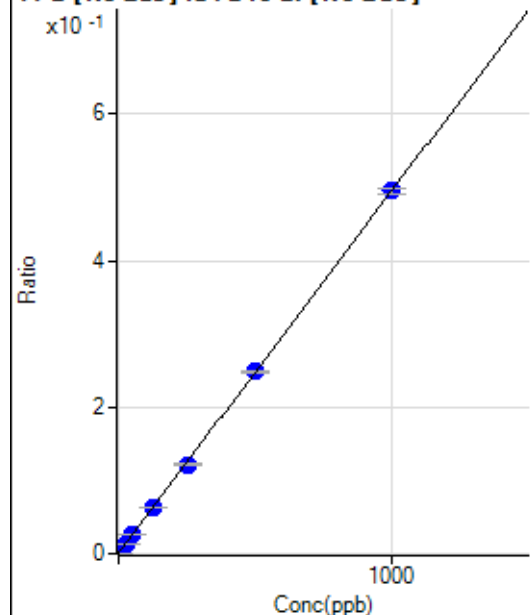
$$DL = 0.04506$$

$$BEC = 1.485$$

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	3094.84	0.0008	P	4.1
2	☐	25.000	23.194	46895.26	0.0123	P	1.6
3	☐	50.000	50.224	96914.84	0.0256	P	0.5
4	☐	125.000	125.370	233102.81	0.0627	P	1.3
5	☐	250.000	243.735	437045.36	0.1211	P	2.2
6	☐	500.000	500.686	846409.25	0.2480	P	0.9
7	☐	1000.000	1001.211	1666957.15	0.4951	P	1.9
8	☐			74480.33	0.0223	P	5.5

$$y = 4.9373\text{E-}004 * x + 8.0698\text{E-}004$$

$$R = 1.0000$$

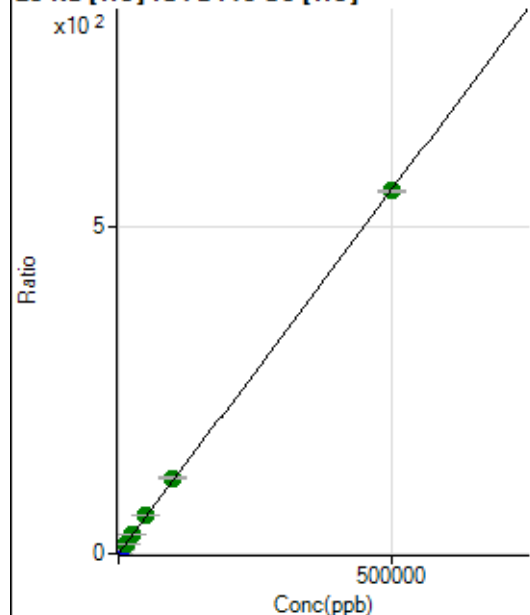
$$DL = 0.2035$$

$$BEC = 1.634$$

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	28591.56	0.0451	P	0.2
2	☐	500.000	537.523	408779.13	0.6443	P	3.2
3	☐	5000.000	5729.054	3991994.71	6.4317	P	3.3
4	☐	12500.000	12649.922	8414926.92	14.1470	A	4.3
5	☐	25000.000	26445.390	16639377.80	29.5260	A	1.4
6	☐	50000.000	52719.434	32636131.29	58.8159	A	0.8
7	☐	100000.00	104185.65	66278600.09	116.1896	A	0.6
8	☐	500000.00	498807.58	335597368.6	556.1080	A	0.4

$$y = 0.0011 * x + 0.0451$$

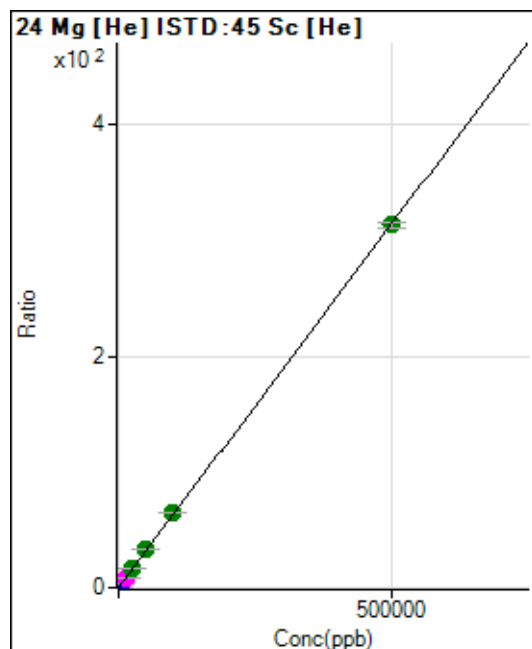
$$R = 1.0000$$

$$DL = 0.2625$$

$$BEC = 40.43$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	238.90	0.0004	P	23.0
2	☐	500.000	513.785	204879.86	0.3229	P	4.8
3	☐	5000.000	5650.488	2201931.28	3.5475	P	5.6
4	☐	12500.000	12547.006	4685401.28	7.8769	M	5.7
5	☐	25000.000	26718.856	9452463.23	16.7735	A	2.2
6	☐	50000.000	52967.097	18450203.71	33.2511	A	1.2
7	☐	100000.00	103692.96	37132108.82	65.0949	A	0.5
8	☐	500000.00	498871.06	188975604.2	313.1726	A	1.9

$$y = 6.2776E-004 * x + 3.7645E-004$$

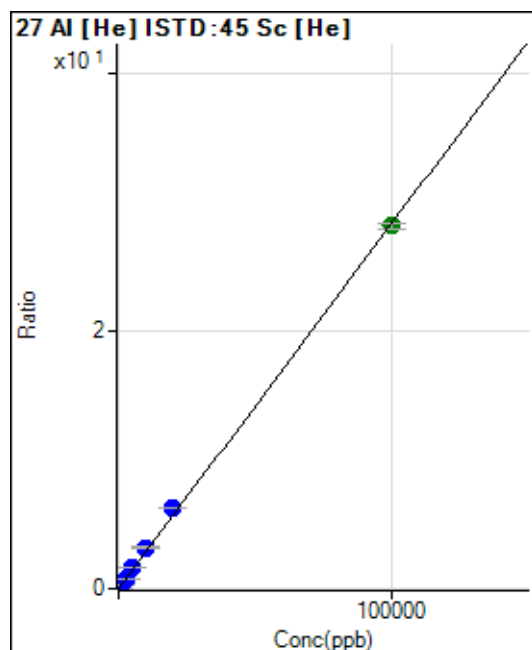
$$R = 1.0000$$

$$DL = 0.4132$$

$$BEC = 0.5997$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	166.67	0.0003	P	27.4
2	☐	20.000	20.210	3803.37	0.0060	P	3.1
3	☐	1000.000	1101.121	194005.44	0.3126	P	6.0
4	☐	2500.000	2575.505	434635.57	0.7308	P	11.0
5	☐	5000.000	5697.245	910774.62	1.6162	P	2.1
6	☐	10000.000	11288.625	1776729.53	3.2021	P	1.2
7	☐	20000.000	22084.037	3573188.58	6.2640	P	0.3
8	☐	100000.00	99416.569	17016092.57	28.1978	A	1.8

$$y = 2.8363E-004 * x + 2.6246E-004$$

$$R = 0.9997$$

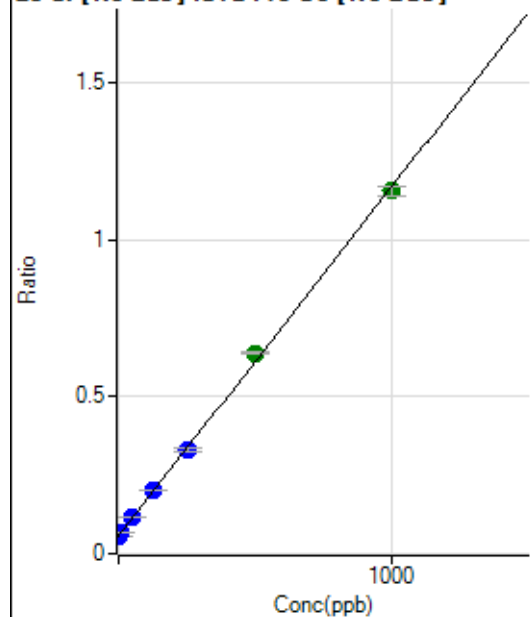
$$DL = 0.7602$$

$$BEC = 0.9254$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	586023.06	0.0570	P	0.2
2	☐	10.000	9.249	691336.91	0.0673	P	0.6
3	☐	50.000	52.306	1171507.99	0.1151	P	1.2
4	☐	125.000	131.081	2029155.12	0.2027	P	1.3
5	☐	250.000	245.372	3158926.78	0.3296	P	3.7
6	☐	500.000	523.001	5861922.92	0.6381	A	0.8
7	☐	1000.000	988.789	10923118.65	1.1557	A	2.8
8	☐			988810.07	0.1025	P	1.6

$$y = 0.0011 * x + 0.0570$$

$$R = 0.9996$$

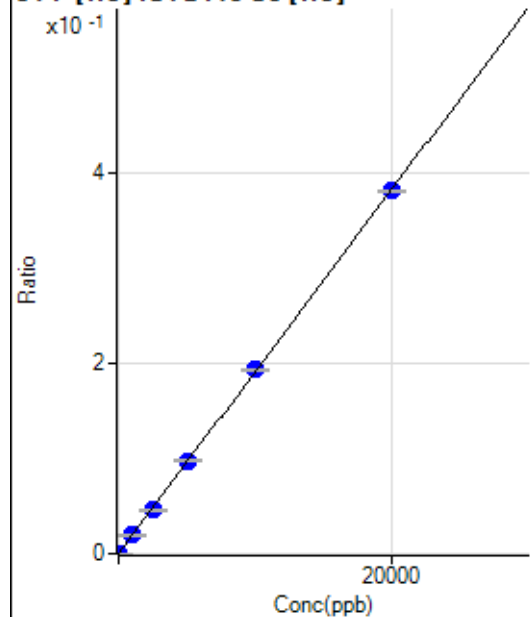
$$DL = 0.3218$$

$$BEC = 51.31$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-1.027	122.23	0.0002	P	22.3
2	☐	0.000	1.027	147.23	0.0002	P	27.7
3	☐	1000.000	996.183	11930.02	0.0192	P	5.7
4	☐	2500.000	2402.926	27395.17	0.0461	P	4.6
5	☐	5000.000	5087.034	54812.08	0.0973	P	2.6
6	☐	10000.000	10113.165	107176.90	0.1932	P	1.2
7	☐	20000.000	19933.984	217056.74	0.3805	P	0.8
8	☐			244.45	0.0004	P	20.9

$$y = 1.9078E-005 * x + 2.1237E-004$$

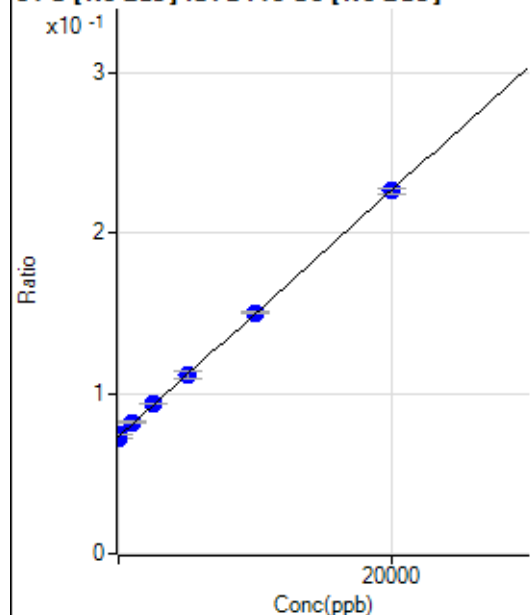
$$R = 0.9999$$

$$DL = 8.438$$

$$BEC = 11.13$$

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	-129.684	739910.95	0.0720	P	0.1
2	☐	0.000	129.684	760043.95	0.0740	P	0.6
3	☐	1000.000	1187.336	835410.47	0.0821	P	0.7
4	☐	2500.000	2648.685	934468.28	0.0933	P	0.5
5	☐	5000.000	5020.705	1068960.41	0.1115	P	3.4
6	☐	10000.000	10053.500	1379728.37	0.1502	P	1.3
7	☐	20000.000	19940.122	2137718.54	0.2261	P	1.4
8	☐			632530.64	0.0655	P	0.9

$$y = 7.6813\text{E-}006 * x + 0.0730$$

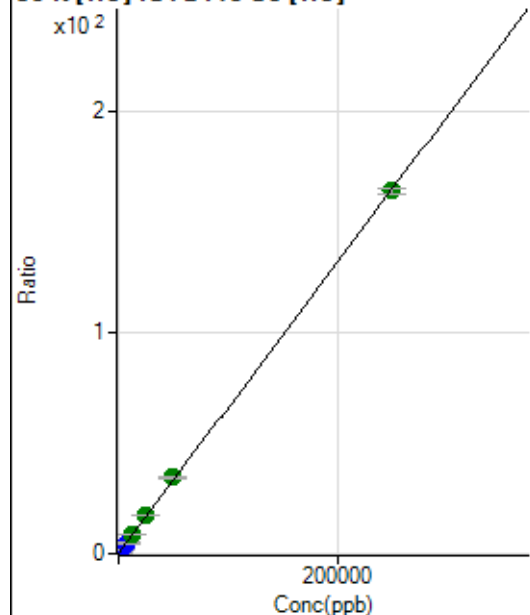
R = 0.9999

DL = 106.3

BEC = 9501

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	75276.98	0.1187	P	1.0
2	☐	500.000	530.339	296875.63	0.4679	P	1.9
3	☐	2500.000	2899.793	1258912.59	2.0283	P	2.8
4	☐	6250.000	7071.942	2840855.19	4.7759	P	3.1
5	☐	12500.000	13118.983	4935787.22	8.7583	A	0.6
6	☐	25000.000	26204.205	9641568.71	17.3756	A	0.1
7	☐	50000.000	52160.966	19662111.38	34.4696	A	0.9
8	☐	250000.00	249391.83	99181149.44	164.3574	A	1.8

$$y = 6.5856\text{E-}004 * x + 0.1187$$

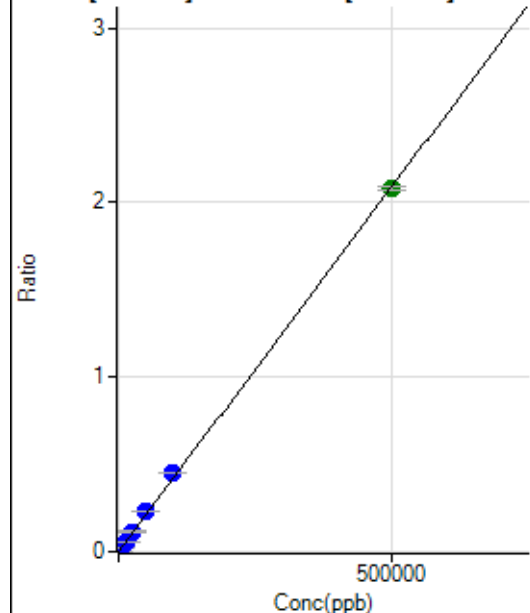
R = 1.0000

DL = 5.583

BEC = 180.2

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	269.45	0.0000	P	10.7
2	☐	500.000	517.848	22492.51	0.0022	P	2.1
3	☐	5000.000	5638.282	239899.38	0.0236	P	1.6
4	☐	12500.000	13796.004	577262.49	0.0577	P	0.3
5	☐	25000.000	27504.248	1101366.04	0.1149	P	2.9
6	☐	50000.000	55383.877	2125276.65	0.2314	P	1.0
7	☐	100000.00	108372.98	4279471.67	0.4527	P	0.9
8	☐	500000.00	497623.00	20059382.91	2.0786	A	1.1

$$y = 4.1769\text{E-}006 * x + 2.6210\text{E-}005$$

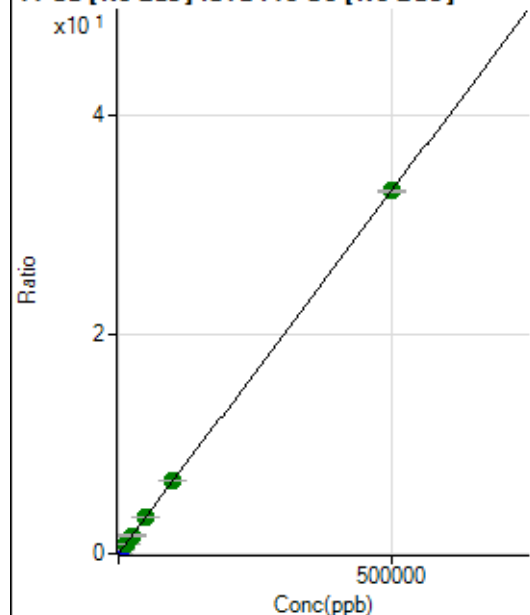
$$R = 0.9998$$

$$DL = 2.009$$

$$BEC = 6.275$$

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	18260.36	0.0018	P	1.8
2	☐	500.000	531.386	379390.71	0.0369	P	0.7
3	☐	5000.000	5646.185	3818468.89	0.3753	P	1.4
4	☐	12500.000	12508.063	8302299.57	0.8291	A	0.4
5	☐	25000.000	24785.863	15730111.27	1.6413	A	3.2
6	☐	50000.000	50270.053	30561227.30	3.3270	A	1.2
7	☐	100000.00	99822.730	62439030.78	6.6047	A	0.5
8	☐	500000.00	500012.46	319225922.4	33.0761	A	0.5

$$y = 6.6147\text{E-}005 * x + 0.0018$$

$$R = 1.0000$$

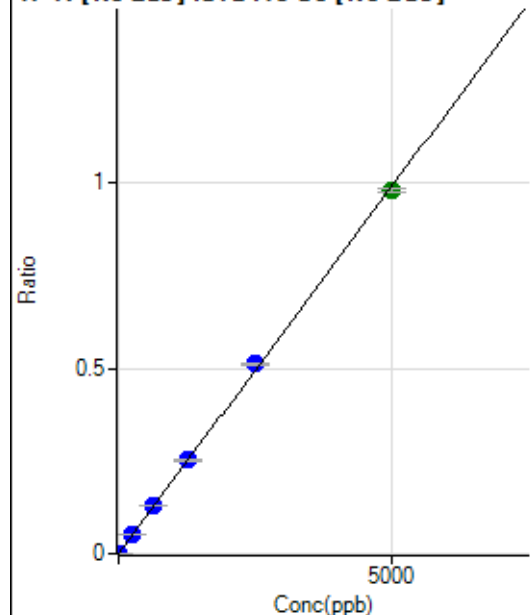
$$DL = 1.465$$

$$BEC = 26.86$$

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	161.12	0.0000	P	12.8
2	☐	5.000	4.996	10314.96	0.0010	P	2.5
3	☐	250.000	264.153	531859.56	0.0523	P	1.8
4	☐	625.000	644.990	1277768.83	0.1276	P	0.2
5	☐	1250.000	1279.807	2426818.96	0.2532	P	2.7
6	☐	2500.000	2589.364	4705453.58	0.5122	P	1.1
7	☐	5000.000	4944.660	9246990.57	0.9782	A	1.1
8	☐			1238.98	0.0001	P	9.2

$$y = 1.9782\text{E-}004 * x + 1.5672\text{E-}005$$

$$R = 0.9997$$

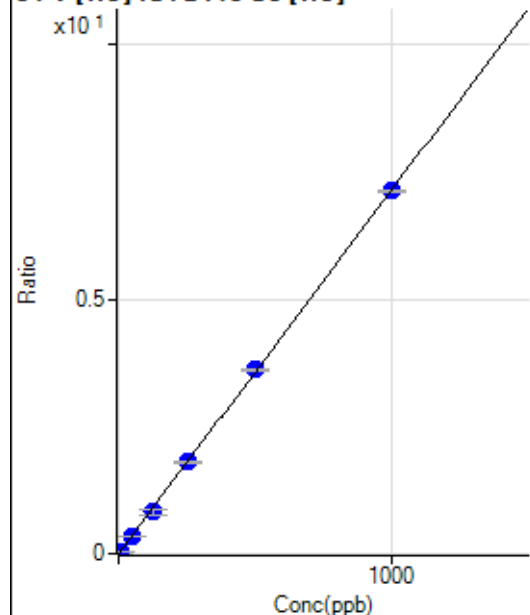
$$DL = 0.03048$$

$$BEC = 0.07922$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6.66	0.0000	P	86.4
2	☐	5.000	4.435	20078.26	0.0316	P	5.2
3	☐	50.000	47.477	210206.54	0.3387	P	5.0
4	☐	125.000	114.345	485121.86	0.8156	P	10.4
5	☐	250.000	251.983	1012914.97	1.7974	P	1.6
6	☐	500.000	505.429	2000455.44	3.6052	P	1.2
7	☐	1000.000	998.250	4061703.86	7.1205	P	0.8
8	☐			643.36	0.0011	P	10.8

$$y = 0.0071 * x + 1.0491\text{E-}005$$

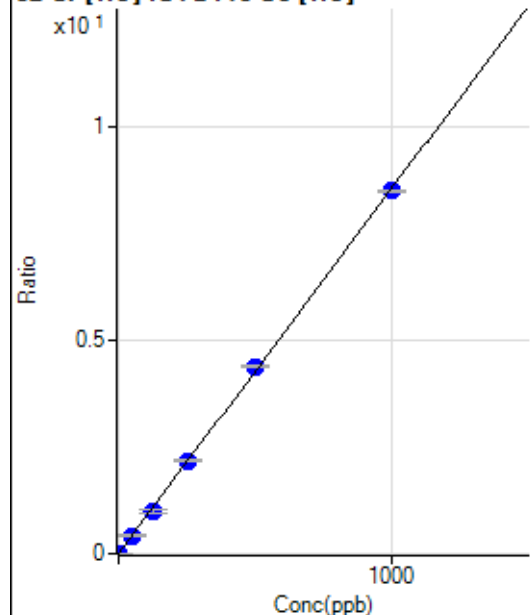
$$R = 0.9999$$

$$DL = 0.003814$$

$$BEC = 0.001471$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1041.16	0.0016	P	0.8
2	☐	2.000	1.752	10540.49	0.0166	P	3.2
3	☐	50.000	48.454	258090.23	0.4158	P	6.9
4	☐	125.000	114.483	583008.78	0.9802	P	10.8
5	☐	250.000	255.167	1230064.51	2.1827	P	1.7
6	☐	500.000	511.801	2428316.32	4.3764	P	1.1
7	☐	1000.000	994.200	4848453.75	8.4998	P	0.8
8	☐			12530.45	0.0208	P	4.9

$$y = 0.0085 * x + 0.0016$$

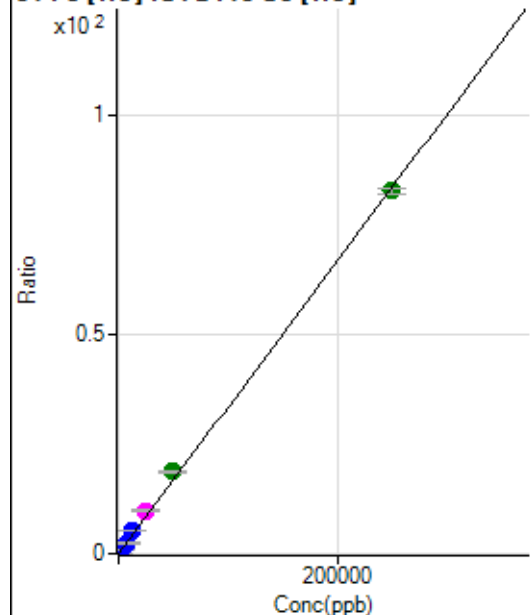
$$R = 0.9998$$

$$DL = 0.004421$$

$$BEC = 0.192$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1254.68	0.0020	P	7.7
2	☐	50.000	55.434	13002.50	0.0205	P	6.7
3	☐	2500.000	2923.401	607323.41	0.9785	P	6.2
4	☐	6250.000	6907.512	1373525.64	2.3093	P	11.3
5	☐	12500.000	15415.655	2902968.80	5.1513	P	1.7
6	☐	25000.000	29337.658	5439050.58	9.8017	M	3.5
7	☐	50000.000	56042.432	10679368.05	18.7219	A	1.1
8	☐	250000.00	248191.29	50027742.65	82.9055	A	1.6

$$y = 3.3403E-004 * x + 0.0020$$

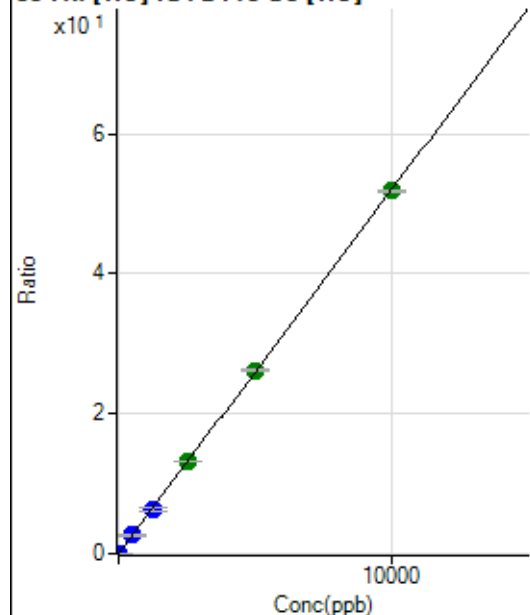
$$R = 0.9996$$

$$DL = 1.368$$

$$BEC = 5.92$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	91.11	0.0001	P	7.1
2	☐	1.000	0.954	3235.95	0.0051	P	7.9
3	☐	500.000	504.743	1627790.32	2.6227	P	5.9
4	☐	1250.000	1204.376	3722038.66	6.2578	P	10.0
5	☐	2500.000	2536.871	7428298.01	13.1811	A	1.2
6	☐	5000.000	5042.187	14536457.42	26.1981	A	1.3
7	☐	10000.000	9975.155	29565661.23	51.8286	A	0.6
8	☐			23669.14	0.0392	P	0.7

$$y = 0.0052 * x + 1.4358E-004$$

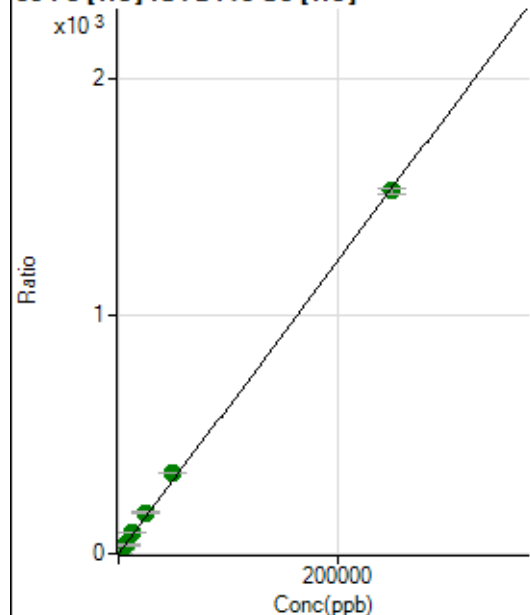
$$R = 1.0000$$

$$DL = 0.005916$$

$$BEC = 0.02763$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	10496.51	0.0165	P	4.0
2	☐	50.000	52.754	216189.86	0.3407	P	7.3
3	☐	2500.000	2626.838	10029566.89	16.1591	A	6.9
4	☐	6250.000	6275.278	22946076.90	38.5795	A	11.7
5	☐	12500.000	14023.809	48575015.90	86.1960	A	1.9
6	☐	25000.000	28148.157	95988017.89	172.9933	A	1.4
7	☐	50000.000	55199.944	193515526.5	339.2326	A	0.6
8	☐	250000.00	248567.10	921750887.2	1,527.517	A	1.6

$$y = 0.0061 * x + 0.0165$$

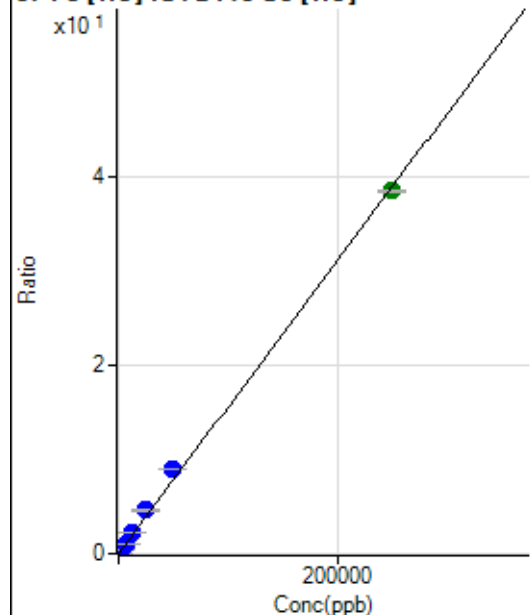
$$R = 0.9997$$

$$DL = 0.3204$$

$$BEC = 2.692$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	957.46	0.0015	P	6.4
2	☐	50.000	52.650	6142.14	0.0097	P	5.7
3	☐	2500.000	2812.609	271882.16	0.4380	P	7.0
4	☐	6250.000	6641.286	613946.14	1.0322	P	11.4
5	☐	12500.000	14855.454	1300149.38	2.3071	P	1.2
6	☐	25000.000	29623.311	2551869.93	4.5990	P	1.1
7	☐	50000.000	57525.879	5093589.29	8.9295	P	0.8
8	☐	250000.00	247901.81	23218722.51	38.4757	A	0.9

$$y = 1.5520\text{E-}004 * x + 0.0015$$

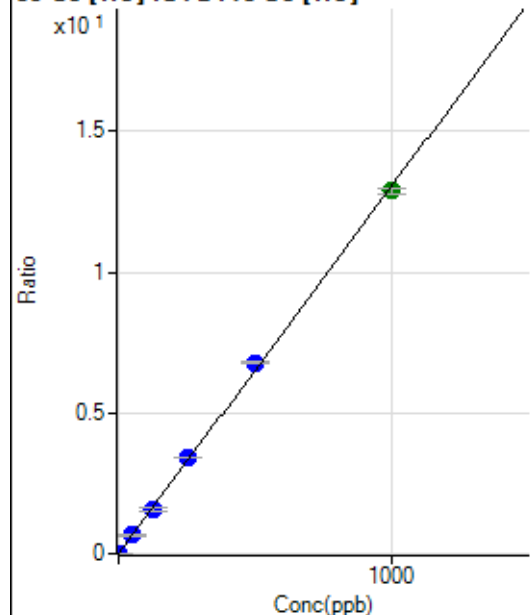
R = 0.9994

DL = 1.879

BEC = 9.727

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	87.78	0.0001	P	19.5
2	☐	1.000	0.932	7805.49	0.0123	P	7.5
3	☐	50.000	50.292	407256.88	0.6562	P	5.9
4	☐	125.000	119.575	927812.59	1.5599	P	9.4
5	☐	250.000	261.691	1923756.91	3.4137	P	1.7
6	☐	500.000	519.797	3762295.50	6.7804	P	1.0
7	☐	1000.000	987.842	7349967.53	12.8857	A	1.6
8	☐			15345.90	0.0254	P	1.9

$$y = 0.0130 * x + 1.3843\text{E-}004$$

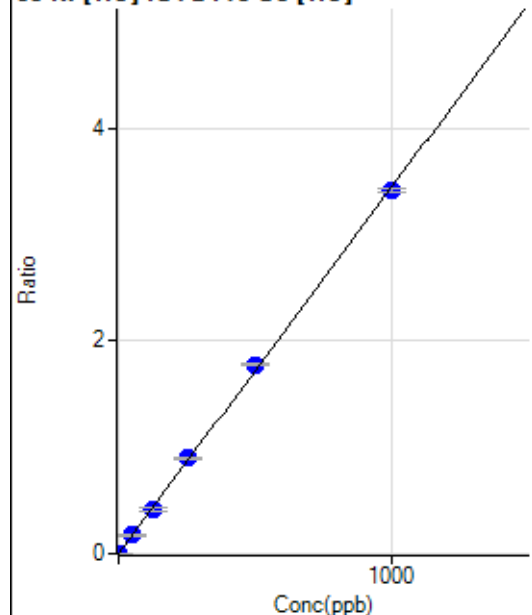
R = 0.9996

DL = 0.006215

BEC = 0.01061

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	48.89	0.0001	P	27.7
2	☐	1.000	0.913	2046.83	0.0032	P	10.9
3	☐	50.000	50.230	107514.37	0.1732	P	5.7
4	☐	125.000	119.256	244558.39	0.4112	P	10.0
5	☐	250.000	259.981	505087.90	0.8963	P	1.8
6	☐	500.000	515.510	986077.40	1.7771	P	1.1
7	☐	1000.000	990.456	1947569.95	3.4143	P	1.1
8	☐			4096.16	0.0068	P	2.1

$$y = 0.0034 * x + 7.7093E-005$$

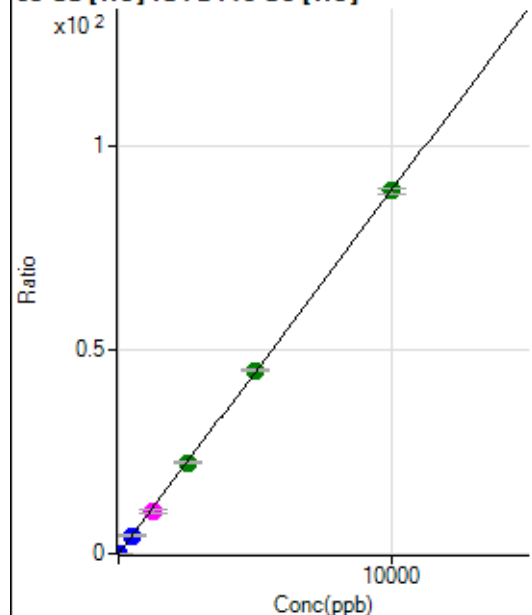
$$R = 0.9997$$

$$DL = 0.0186$$

$$BEC = 0.02236$$

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	2822.52	0.0044	P	1.2
2	☐	2.000	1.980	13996.79	0.0221	P	5.0
3	☐	500.000	495.923	2740468.87	4.4154	P	5.5
4	☐	1250.000	1153.640	6105913.59	10.2655	M	8.2
5	☐	2500.000	2513.187	12599532.31	22.3579	A	2.0
6	☐	5000.000	5045.622	24903907.96	44.8825	A	1.3
7	☐	10000.000	9986.141	50666823.14	88.8257	A	1.3
8	☐			11428.98	0.0189	P	2.5

$$y = 0.0089 * x + 0.0044$$

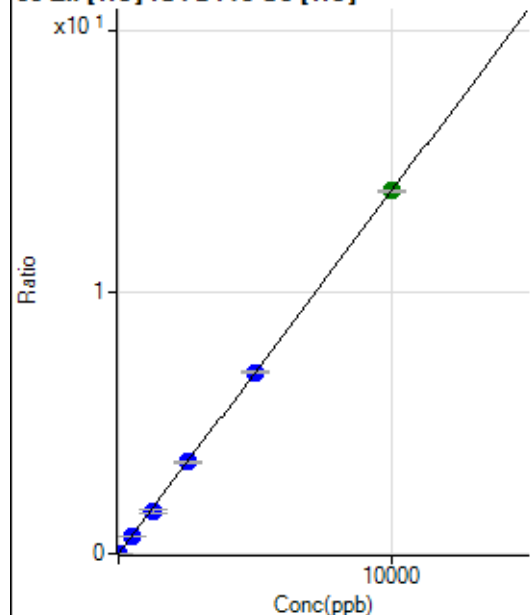
$$R = 0.9999$$

$$DL = 0.01848$$

$$BEC = 0.5002$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	353.34	0.0006	P	37.2
2	☐	2.000	2.135	2231.31	0.0035	P	8.7
3	☐	500.000	487.259	419806.57	0.6764	P	5.5
4	☐	1250.000	1159.117	956532.27	1.6082	P	9.7
5	☐	2500.000	2529.215	1977151.95	3.5084	P	1.9
6	☐	5000.000	5008.348	3854683.97	6.9469	P	0.6
7	☐	10000.000	10000.520	7912282.10	13.8707	A	0.7
8	☐			15814.22	0.0262	P	1.9

$$y = 0.0014 * x + 5.5645E-004$$

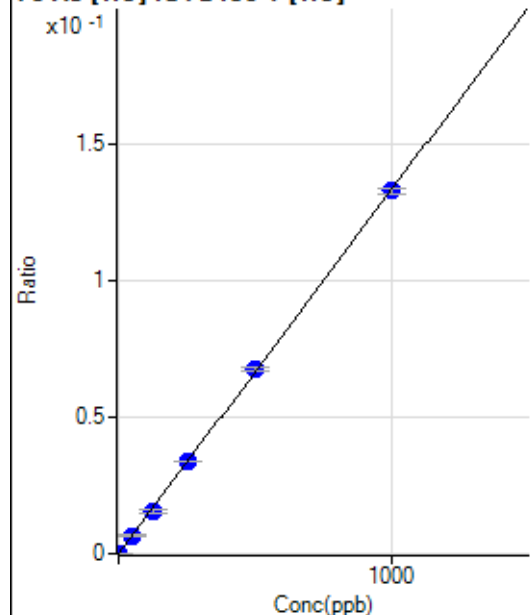
$$R = 0.9999$$

$$DL = 0.4481$$

$$BEC = 0.4012$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5.56	0.0000	P	66.6
2	☐	1.000	0.943	517.30	0.0001	P	5.3
3	☐	50.000	49.886	26441.32	0.0066	P	5.2
4	☐	125.000	117.343	61081.56	0.0156	P	8.1
5	☐	250.000	253.879	126588.25	0.0338	P	1.7
6	☐	500.000	506.407	251642.09	0.0674	P	1.5
7	☐	1000.000	996.790	502786.41	0.1326	P	1.3
8	☐			191.36	0.0000	P	7.2

$$y = 1.3301E-004 * x + 1.3715E-006$$

$$R = 0.9999$$

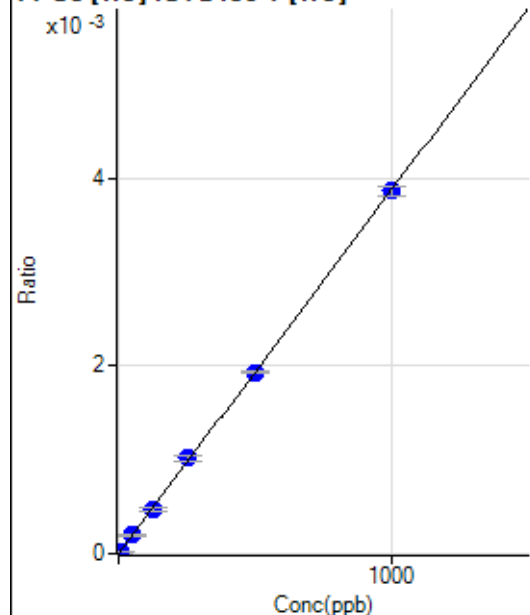
$$DL = 0.0206$$

$$BEC = 0.01031$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	4.783	76.67	0.0000	P	4.0
3	☐	50.000	50.785	784.48	0.0002	P	5.4
4	☐	125.000	120.052	1820.13	0.0005	P	8.8
5	☐	250.000	263.590	3827.21	0.0010	P	5.6
6	☐	500.000	499.230	7222.98	0.0019	P	0.8
7	☐	1000.000	997.568	14650.83	0.0039	P	2.5
8	☐			2.22	0.0000	P	173.

$$y = 3.8721\text{E-}006 * x + 2.7378\text{E-}007$$

$$R = 0.9999$$

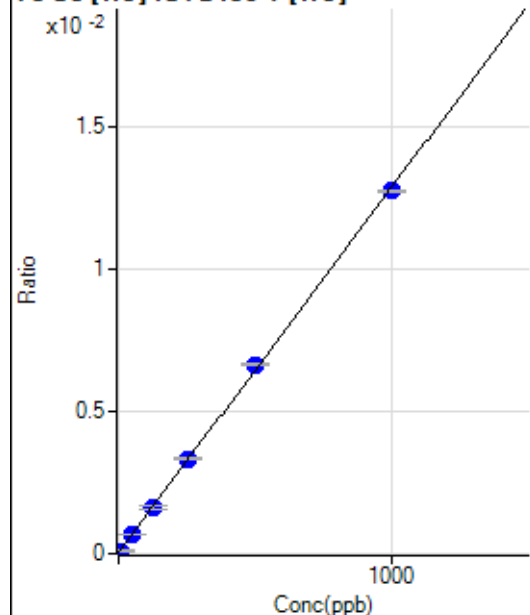
$$DL = 0.3674$$

$$BEC = 0.07071$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	159.88	0.0000	P	9.8
2	☐	5.000	4.793	411.74	0.0001	P	9.4
3	☐	50.000	50.121	2717.56	0.0007	P	0.6
4	☐	125.000	123.941	6373.04	0.0016	P	7.9
5	☐	250.000	257.621	12530.13	0.0033	P	2.0
6	☐	500.000	514.718	24804.50	0.0066	P	0.6
7	☐	1000.000	990.863	48330.53	0.0127	P	0.8
8	☐			174.69	0.0000	P	7.0

$$y = 1.2822\text{E-}005 * x + 3.9475\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.9023$$

$$BEC = 3.079$$

Weight: <None>

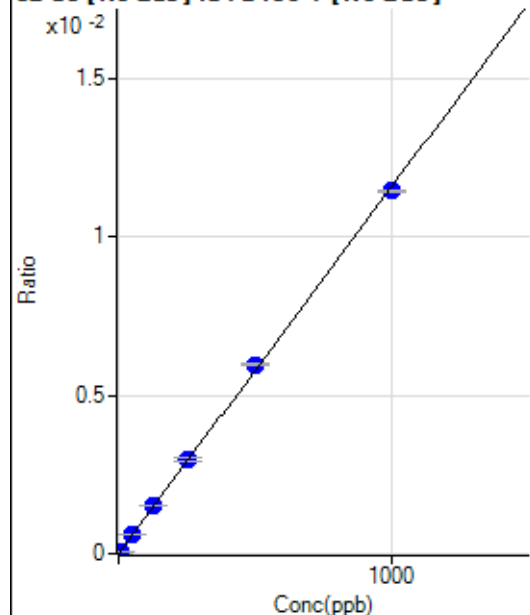
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			48340.12		P	2.5
2	☐			49351.70		P	2.0
3	☐			46829.26		P	1.6
4	☐			46369.84		P	1.1
5	☐			43148.40		P	1.2
6	☐			42346.11		P	1.4
7	☐			45689.66		P	1.2
8	☐			45085.16		P	1.7

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			126.80		P	29.9
2	☐			93.43		P	24.7
3	☐			70.07		P	42.9
4	☐			76.74		P	15.1
5	☐			70.07		P	24.7
6	☐			83.42		P	25.0
7	☐			93.43		P	50.6
8	☐			133.47		P	33.8

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	46.88	0.0000	P	108.
2	☐	5.000	5.344	1494.22	0.0001	P	7.1
3	☐	50.000	53.179	14398.84	0.0006	P	1.2
4	☐	125.000	132.473	35336.43	0.0015	P	1.4
5	☐	250.000	257.455	66972.38	0.0030	P	2.9
6	☐	500.000	514.982	130275.99	0.0060	P	1.1
7	☐	1000.000	989.550	255202.02	0.0114	P	0.5
8	☐			283.47	0.0000	P	11.1

$$y = 1.1561\text{E-}005 * x + 2.0264\text{E-}006$$

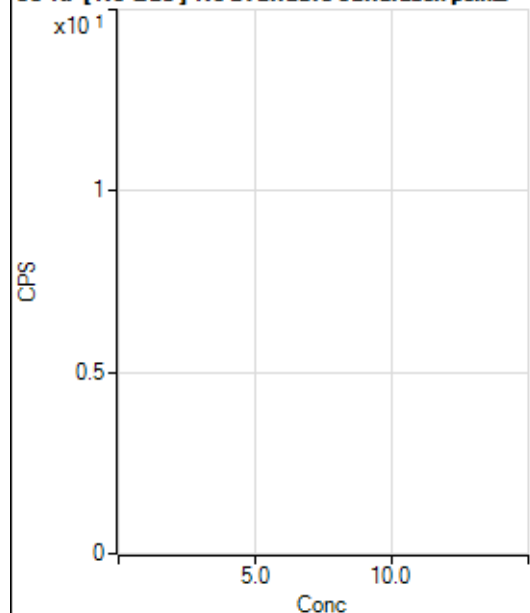
$$R = 0.9998$$

$$DL = 0.5692$$

$$BEC = 0.1753$$

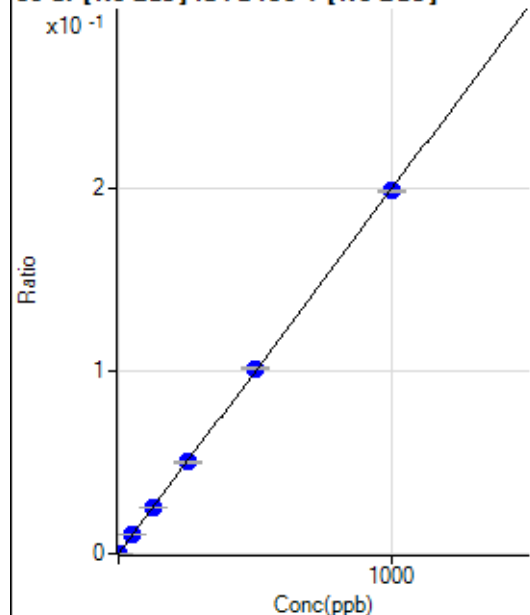
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			670.02		P	4.1
2	☐			635.58		P	9.1
3	☐			682.25		P	2.4
4	☐			635.58		P	8.8
5	☐			661.14		P	7.6
6	☐			626.69		P	12.2
7	☐			612.24		P	14.3
8	☐			640.02		P	8.7

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1038.96	0.0000	P	10.6
2	☐	1.000	0.999	5726.29	0.0002	P	1.3
3	☐	50.000	51.170	239693.47	0.0103	P	1.5
4	☐	125.000	127.310	587095.61	0.0255	P	1.2
5	☐	250.000	251.180	1129476.22	0.0502	P	2.7
6	☐	500.000	508.666	2224011.20	0.1017	P	0.3
7	☐	1000.000	995.025	4434898.93	0.1988	P	0.7
8	☐			24376.65	0.0011	P	2.1

$$y = 1.9978\text{E-}004 * x + 4.4826\text{E-}005$$

$$R = 0.9999$$

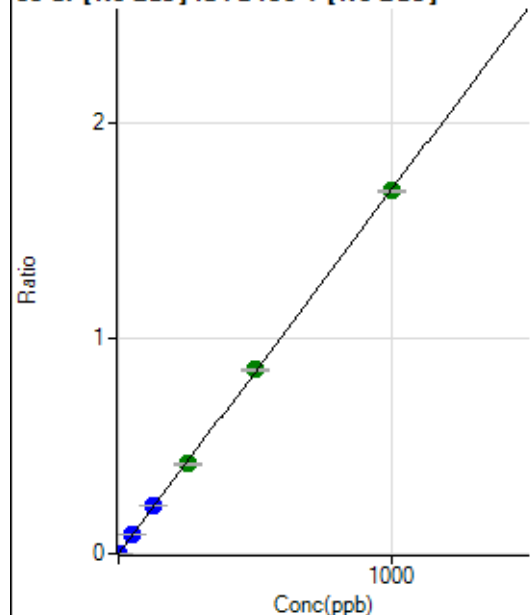
$$DL = 0.07129$$

$$BEC = 0.2244$$

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	194.45	0.0000	P	36.5
2	☐	1.000	0.984	39220.69	0.0017	P	1.6
3	☐	50.000	53.054	2096233.10	0.0898	P	0.9
4	☐	125.000	130.518	5089851.55	0.2209	P	1.2
5	☐	250.000	247.400	9416324.43	0.4187	A	2.3
6	☐	500.000	505.216	18703813.96	0.8550	A	1.1
7	☐	1000.000	997.199	37641970.63	1.6876	A	0.5
8	☐			203978.41	0.0093	P	0.6

$$y = 0.0017 * x + 8.3777\text{E-}006$$

$$R = 1.0000$$

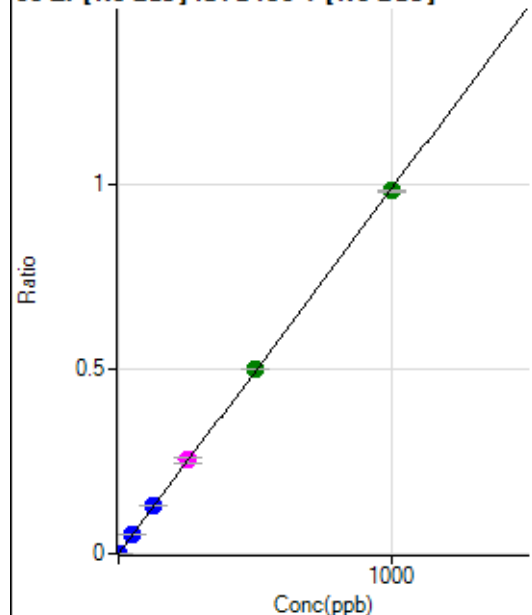
$$DL = 0.005415$$

$$BEC = 0.00495$$

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	1238.97	0.0001	P	6.3
2	☐	1.000	0.990	24165.23	0.0010	P	1.6
3	☐	50.000	53.224	1229308.35	0.0527	P	0.8
4	☐	125.000	131.534	2996754.21	0.1301	P	1.5
5	☐	250.000	256.275	5694781.25	0.2534	M	4.7
6	☐	500.000	505.507	10930645.82	0.4997	A	0.8
7	☐	1000.000	994.700	21929482.09	0.9832	A	0.9
8	☐			6776.79	0.0003	P	3.7

$$y = 9.8838\text{E-}004 * x + 5.3433\text{E-}005$$

$$R = 0.9999$$

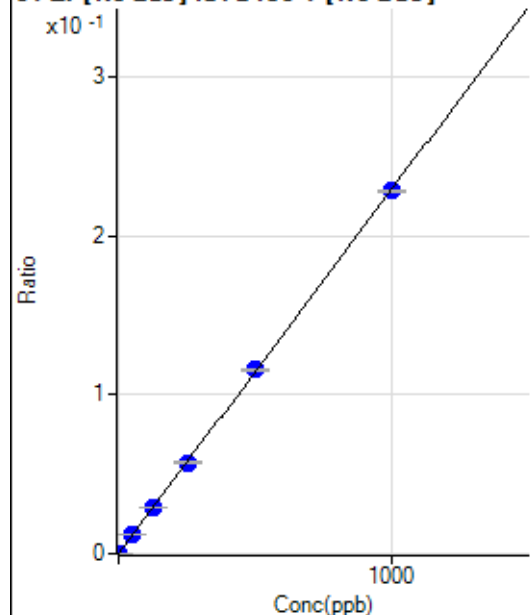
$$DL = 0.01019$$

$$BEC = 0.05406$$

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	205.56	0.0000	P	14.7
2	☐	1.000	0.947	5292.78	0.0002	P	1.9
3	☐	50.000	50.895	272579.82	0.0117	P	2.0
4	☐	125.000	126.015	665860.12	0.0289	P	1.4
5	☐	250.000	249.950	1288930.84	0.0573	P	2.1
6	☐	500.000	506.852	2541986.80	0.1162	P	1.1
7	☐	1000.000	996.415	5095104.02	0.2284	P	0.8
8	☐			1447.33	0.0001	P	8.0

$$y = 2.2925\text{E-}004 * x + 8.8620\text{E-}006$$

$$R = 1.0000$$

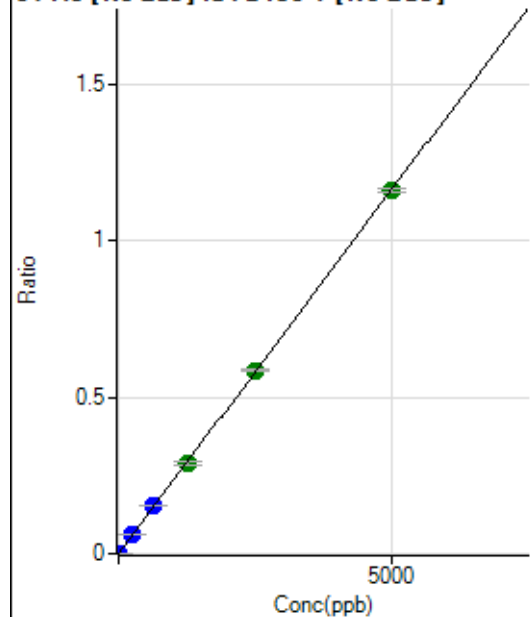
$$DL = 0.017$$

$$BEC = 0.03866$$

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	330.56	0.0000	P	17.1
2	☐	5.000	5.090	28022.39	0.0012	P	2.2
3	☐	250.000	267.392	1449789.77	0.0621	P	1.4
4	☐	625.000	656.476	3512977.60	0.1525	P	1.0
5	☐	1250.000	1242.395	6487483.00	0.2885	A	3.0
6	☐	2500.000	2522.772	12814738.14	0.5858	A	1.9
7	☐	5000.000	4985.711	25822181.83	1.1577	A	0.9
8	☐			7293.71	0.0003	P	2.3

$$y = 2.3221\text{E-}004 * x + 1.4258\text{E-}005$$

$$R = 1.0000$$

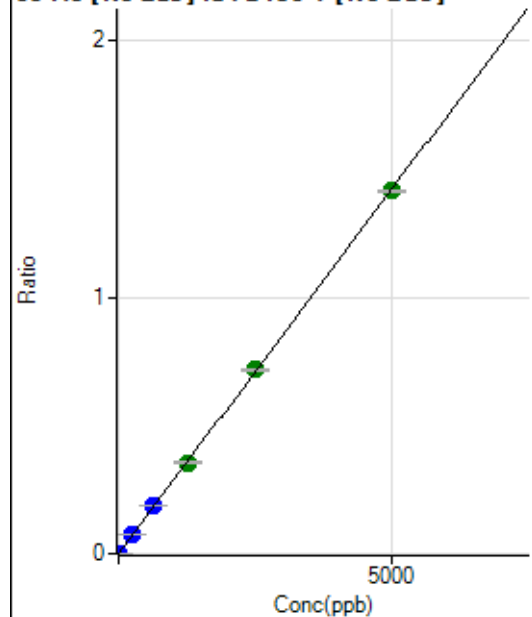
$$DL = 0.03144$$

$$BEC = 0.0614$$

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	13.89	0.0000	P	69.6
2	☐	5.000	5.047	33578.90	0.0014	P	0.7
3	☐	250.000	267.266	1771625.30	0.0759	P	1.0
4	☐	625.000	659.824	4317206.95	0.1874	P	0.8
5	☐	1250.000	1248.124	7969957.73	0.3544	A	2.5
6	☐	2500.000	2525.564	15687193.06	0.7171	A	1.2
7	☐	5000.000	4982.471	31557098.97	1.4148	A	0.5
8	☐			7896.83	0.0004	P	0.8

$$y = 2.8395\text{E-}004 * x + 5.9987\text{E-}007$$

$$R = 1.0000$$

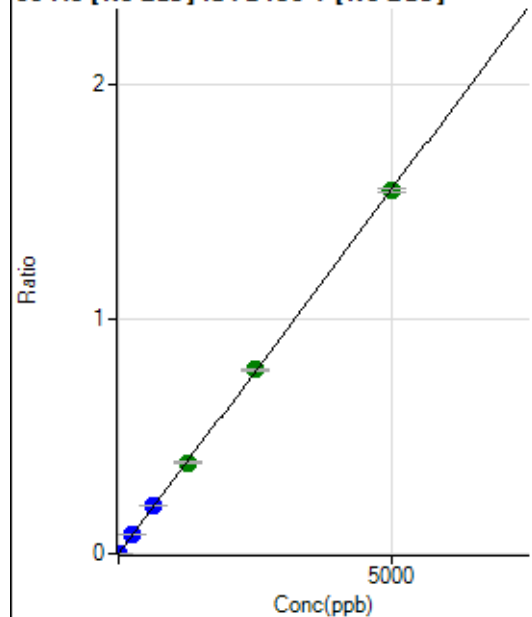
$$DL = 0.004413$$

$$BEC = 0.002113$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	163.89	0.0000	P	25.6
2	☐	5.000	5.030	36781.13	0.0016	P	0.3
3	☐	250.000	267.698	1942047.07	0.0832	P	1.0
4	☐	625.000	666.333	4771228.79	0.2071	P	1.1
5	☐	1250.000	1245.518	8703125.54	0.3870	A	2.9
6	☐	2500.000	2528.344	17186262.71	0.7857	A	0.7
7	☐	5000.000	4980.897	34521034.10	1.5478	A	1.0
8	☐			20829.56	0.0010	P	1.3

$$y = 3.1074\text{E-}004 * x + 7.0779\text{E-}006$$

$$R = 0.9999$$

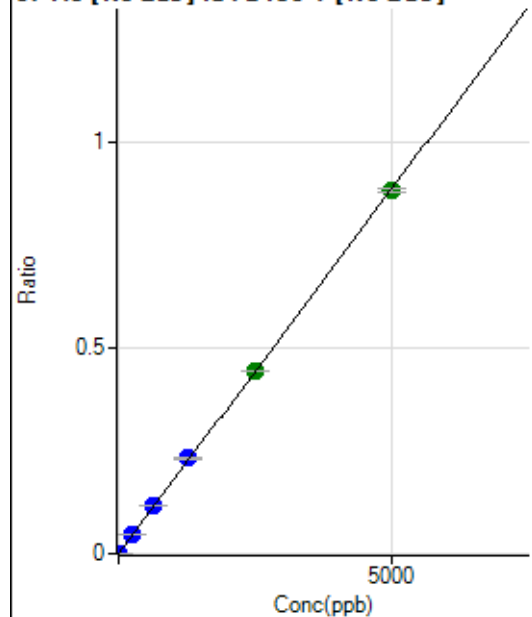
$$DL = 0.0175$$

$$BEC = 0.02278$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22.22	0.0000	P	57.4
2	☐	5.000	5.004	20759.95	0.0009	P	2.0
3	☐	250.000	265.473	1096415.79	0.0470	P	1.1
4	☐	625.000	657.127	2678914.75	0.1163	P	1.1
5	☐	1250.000	1306.224	5196708.32	0.2311	P	2.7
6	☐	2500.000	2508.557	9708258.55	0.4438	A	0.4
7	☐	5000.000	4976.876	19638714.50	0.8805	A	1.0
8	☐			4787.02	0.0002	P	1.2

$$y = 1.7691\text{E-}004 * x + 9.5798\text{E-}007$$

$$R = 0.9999$$

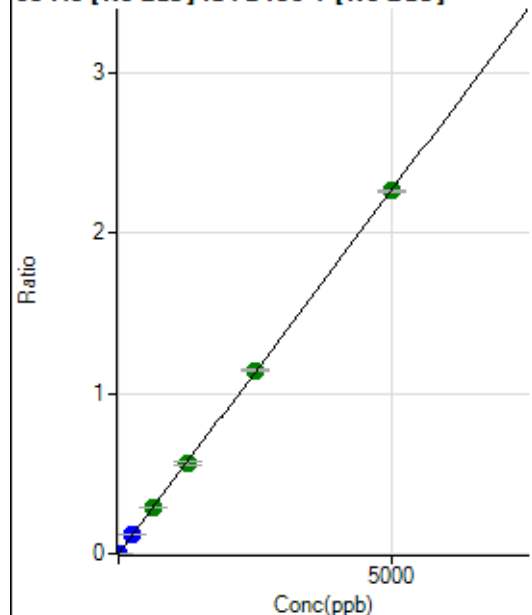
$$DL = 0.00932$$

$$BEC = 0.005415$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	78.3
2	☐	5.000	5.073	53840.96	0.0023	P	0.7
3	☐	250.000	266.665	2819323.26	0.1208	P	1.1
4	☐	625.000	624.143	6513772.11	0.2827	A	0.5
5	☐	1250.000	1245.284	12680705.15	0.5640	A	3.3
6	☐	2500.000	2519.381	24959687.71	1.1410	A	0.6
7	☐	5000.000	4990.762	50414026.47	2.2603	A	0.6
8	☐			11090.72	0.0005	P	3.2

$$y = 4.5289\text{E-}004 * x + 9.6081\text{E-}007$$

$$R = 1.0000$$

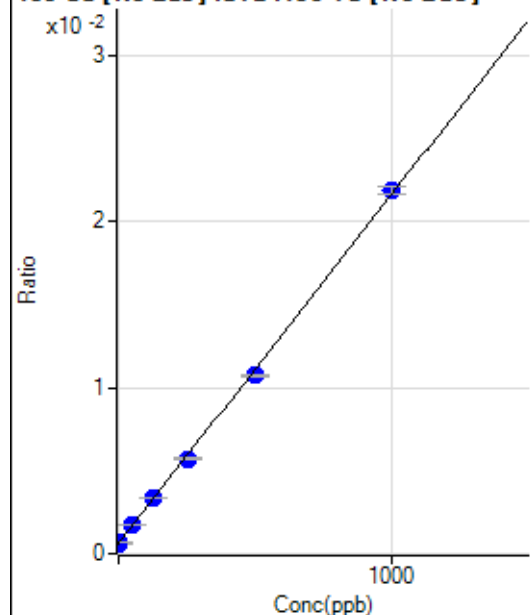
$$DL = 0.004984$$

$$BEC = 0.002122$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12097.10	0.0006	P	3.4
2	☐	1.000	1.343	12592.01	0.0007	P	3.5
3	☐	50.000	53.286	33799.17	0.0017	P	2.2
4	☐	125.000	130.100	65071.33	0.0034	P	0.2
5	☐	250.000	243.093	112652.37	0.0057	P	2.3
6	☐	500.000	480.817	207790.09	0.0107	P	1.3
7	☐	1000.000	1010.516	423928.19	0.0219	P	2.2
8	☐			11732.90	0.0006	P	1.6

$$y = 2.1004\text{E-}005 * x + 6.2587\text{E-}004$$

$$R = 0.9997$$

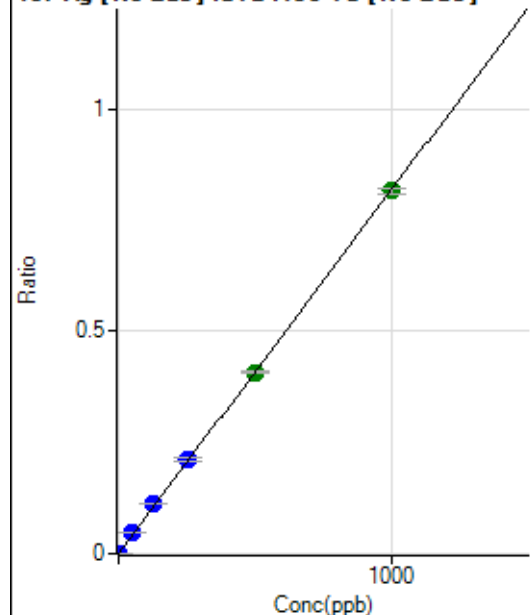
$$DL = 3.059$$

$$BEC = 29.8$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	144.45	0.0000	P	17.9
2	☐	1.000	1.067	16952.19	0.0009	P	0.7
3	☐	50.000	56.293	892096.40	0.0461	P	0.2
4	☐	125.000	137.076	2172833.43	0.1121	P	0.4
5	☐	250.000	258.293	4152560.68	0.2113	P	2.9
6	☐	500.000	498.662	7904074.83	0.4079	A	0.9
7	☐	1000.000	996.772	15820971.19	0.8154	A	1.8
8	☐			7249.26	0.0004	P	6.0

$$y = 8.1805E-004 * x + 7.4694E-006$$

$$R = 0.9999$$

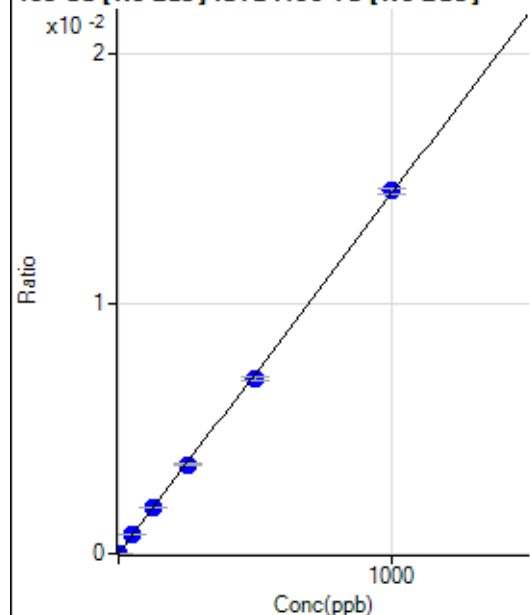
$$DL = 0.004911$$

$$BEC = 0.009131$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	27.78	0.0000	P	60.8
2	☐	1.000	0.980	300.01	0.0000	P	13.0
3	☐	50.000	51.932	14536.73	0.0008	P	0.8
4	☐	125.000	129.041	36091.68	0.0019	P	0.3
5	☐	250.000	246.369	69890.53	0.0036	P	1.7
6	☐	500.000	484.973	135563.66	0.0070	P	1.6
7	☐	1000.000	1007.819	282086.47	0.0145	P	1.8
8	☐			226.39	0.0000	P	2.4

$$y = 1.4424E-005 * x + 1.4397E-006$$

$$R = 0.9998$$

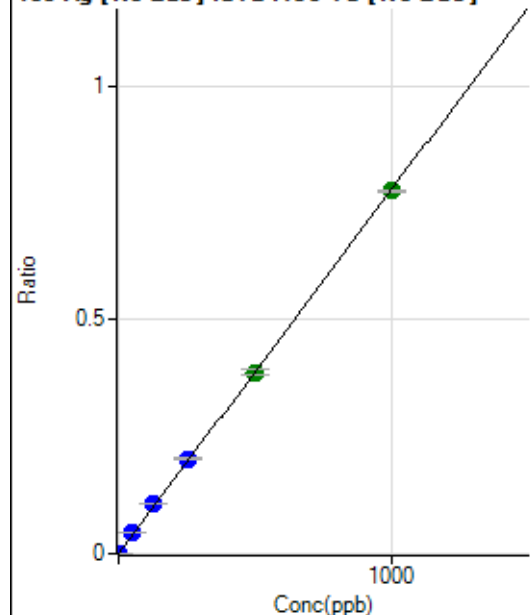
$$DL = 0.182$$

$$BEC = 0.09981$$

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	38.89	0.0000	P	49.8
2	☐	1.000	1.097	16493.33	0.0009	P	0.7
3	☐	50.000	56.015	845250.25	0.0436	P	0.6
4	☐	125.000	137.022	2068202.65	0.1067	P	0.9
5	☐	250.000	260.057	3982031.73	0.2026	P	2.2
6	☐	500.000	498.373	7521740.01	0.3883	A	2.6
7	☐	1000.000	996.496	15064043.39	0.7763	A	0.8
8	☐			6887.97	0.0004	P	1.6

$$y = 7.7904\text{E-}004 * x + 2.0159\text{E-}006$$

$$R = 0.9999$$

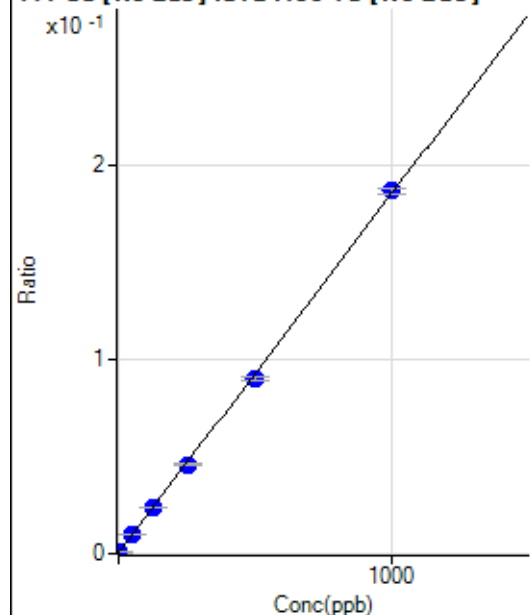
$$DL = 0.003863$$

$$BEC = 0.002588$$

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	8452.70	0.0004	P	3.4
2	☐	1.000	1.132	12443.86	0.0006	P	2.7
3	☐	50.000	52.107	194848.96	0.0101	P	0.4
4	☐	125.000	127.451	464491.66	0.0240	P	0.3
5	☐	250.000	246.226	902141.82	0.0459	P	3.1
6	☐	500.000	484.374	1741417.40	0.0899	P	1.9
7	☐	1000.000	1008.344	3621556.60	0.1866	P	1.4
8	☐			9461.59	0.0005	P	2.0

$$y = 1.8467\text{E-}004 * x + 4.3732\text{E-}004$$

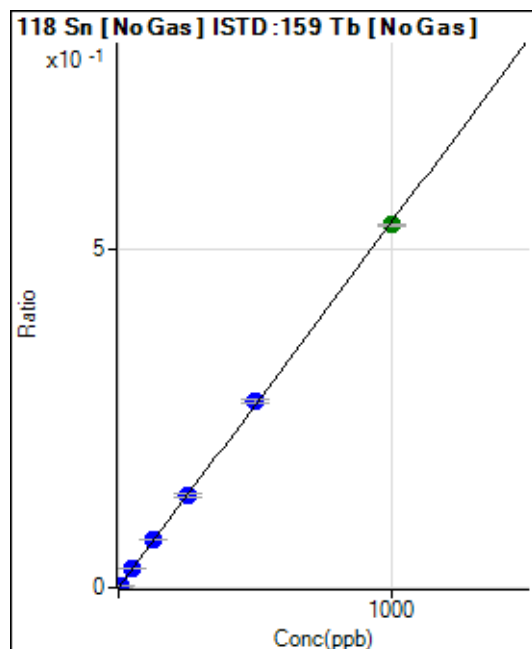
$$R = 0.9998$$

$$DL = 0.2388$$

$$BEC = 2.368$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1133.41	0.0001	P	12.2
2	☐	5.000	5.079	53886.99	0.0028	P	0.0
3	☐	50.000	53.324	558475.60	0.0288	P	0.7
4	☐	125.000	131.700	1378085.85	0.0711	P	1.0
5	☐	250.000	253.546	2689813.67	0.1369	P	3.1
6	☐	500.000	510.239	5335744.08	0.2754	P	1.4
7	☐	1000.000	992.990	10399138.60	0.5359	A	0.7
8	☐			4022.92	0.0002	P	6.1

$$y = 5.3962\text{E-}004 * x + 5.8691\text{E-}005$$

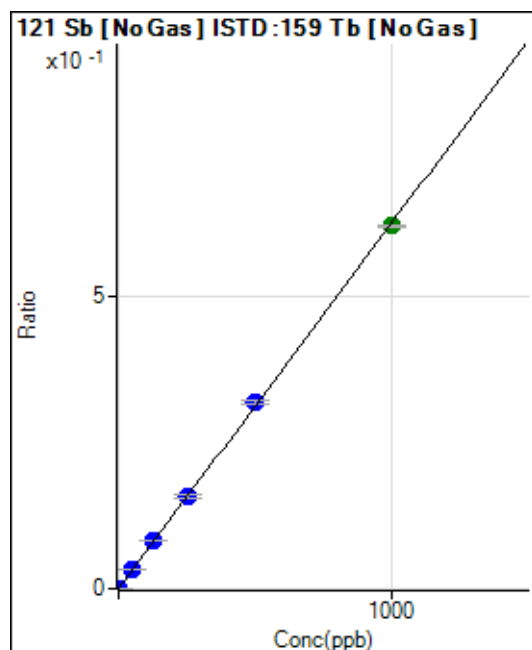
$$R = 0.9999$$

$$DL = 0.03993$$

$$BEC = 0.1088$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0000	P	89.9
2	☐	2.000	2.035	24524.71	0.0013	P	1.4
3	☐	50.000	53.368	646393.20	0.0334	P	0.5
4	☐	125.000	131.089	1588215.10	0.0820	P	0.5
5	☐	250.000	253.842	3118959.86	0.1587	P	3.5
6	☐	500.000	510.337	6182696.88	0.3191	P	1.7
7	☐	1000.000	992.941	12048522.23	0.6209	A	0.8
8	☐			7774.55	0.0004	P	4.2

$$y = 6.2530\text{E-}004 * x + 1.7187\text{E-}006$$

$$R = 0.9999$$

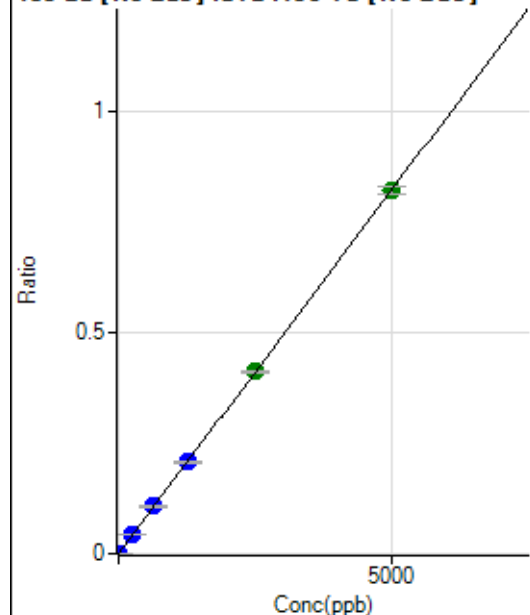
$$DL = 0.007415$$

$$BEC = 0.002749$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.33	0.0000	P	24.2
2	☐	10.000	10.155	32120.90	0.0017	P	1.6
3	☐	250.000	264.068	838934.04	0.0433	P	0.3
4	☐	625.000	648.660	2061369.10	0.1064	P	0.2
5	☐	1250.000	1266.154	4081567.15	0.2077	P	2.3
6	☐	2500.000	2502.944	7953330.56	0.4105	A	1.8
7	☐	5000.000	4990.828	15881433.51	0.8186	A	2.1
8	☐			26887.54	0.0015	P	1.5

$$y = 1.6401\text{E-}004 * x + 3.0161\text{E-}006$$

$$R = 1.0000$$

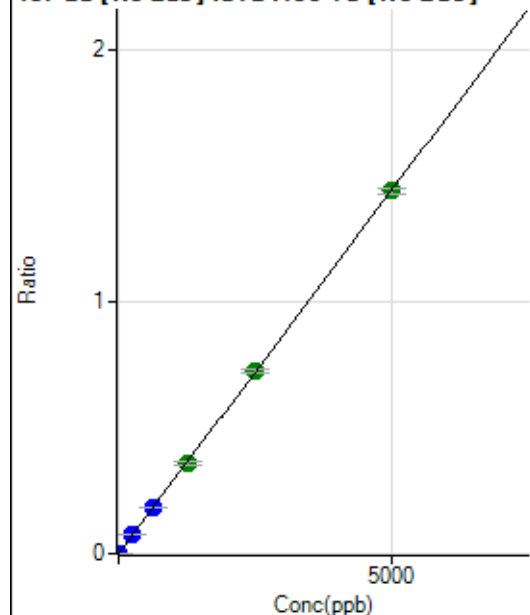
$$DL = 0.01335$$

$$BEC = 0.01839$$

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	69.45	0.0000	P	31.1
2	☐	10.000	9.814	54632.77	0.0028	P	2.8
3	☐	250.000	259.858	1453731.23	0.0751	P	0.9
4	☐	625.000	645.906	3614363.45	0.1865	P	0.6
5	☐	1250.000	1246.299	7073656.84	0.3599	A	3.1
6	☐	2500.000	2507.615	14031259.86	0.7242	A	1.8
7	☐	5000.000	4994.012	27986482.92	1.4423	A	1.3
8	☐			47528.83	0.0026	P	3.1

$$y = 2.8881\text{E-}004 * x + 3.5995\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.01162$$

$$BEC = 0.01246$$

Weight: <None>

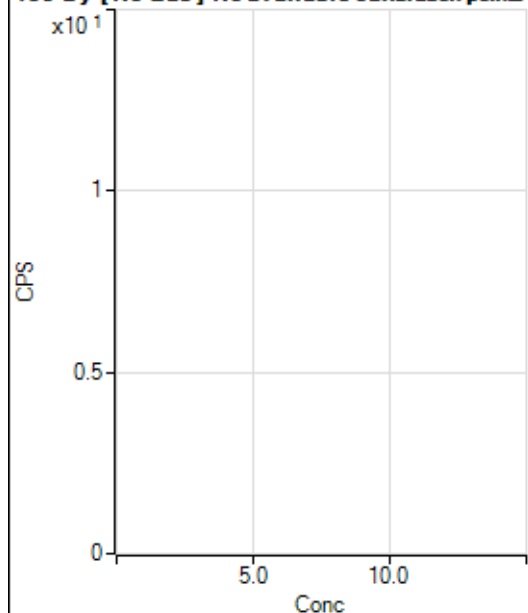
Min Conc: 0

150 Nd [No Gas] No available calibration points

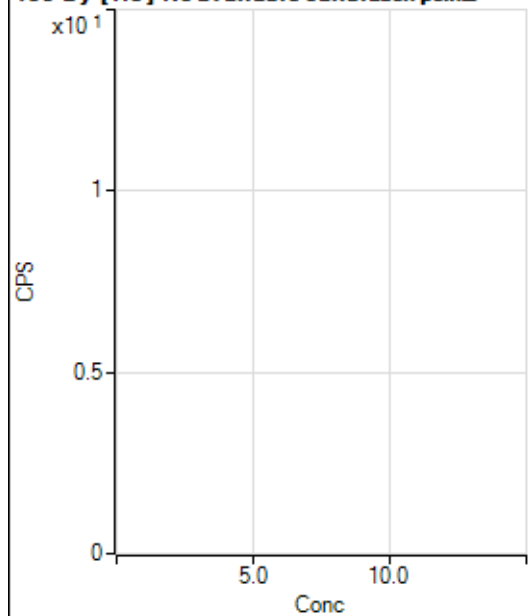
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐			2.22		P	173.
3	☐			93.34		P	31.1
4	☐			233.34		P	7.6
5	☐			404.46		P	2.5
6	☐			780.04		P	4.3
7	☐			1437.89		P	7.0
8	☐			53.33		P	12.5

150 Nd [He] No available calibration points

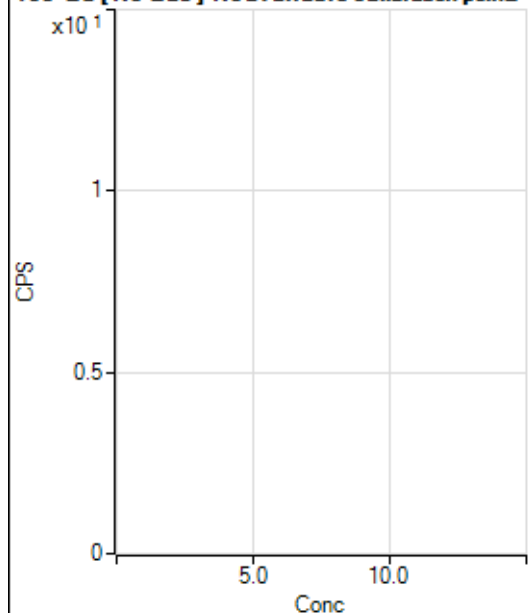
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			2.22		P	173.
3	☐			13.34		P	43.3
4	☐			21.11		P	24.1
5	☐			34.44		P	53.3
6	☐			70.00		P	14.3
7	☐			168.89		P	17.0
8	☐			18.89		P	66.8

156 Dy [No Gas] No available calibration points

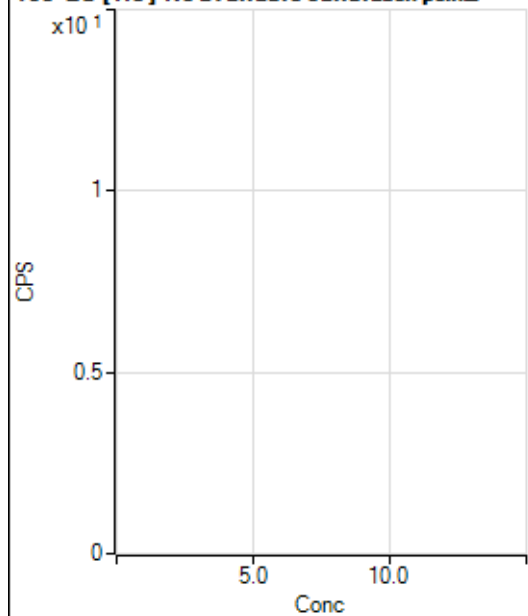
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.00		P	33.3
2	☐			11.11		P	43.3
3	☐			47.22		P	27.0
4	☐			94.45		P	22.2
5	☐			138.89		P	22.7
6	☐			211.12		P	19.5
7	☐			469.47		P	2.0
8	☐			919.50		P	10.5

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	66.2
2	☐			15.56		P	65.5
3	☐			34.44		P	22.3
4	☐			82.22		P	28.8
5	☐			163.34		P	16.3
6	☐			272.23		P	12.4
7	☐			572.24		P	2.4
8	☐			527.80		P	11.5

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

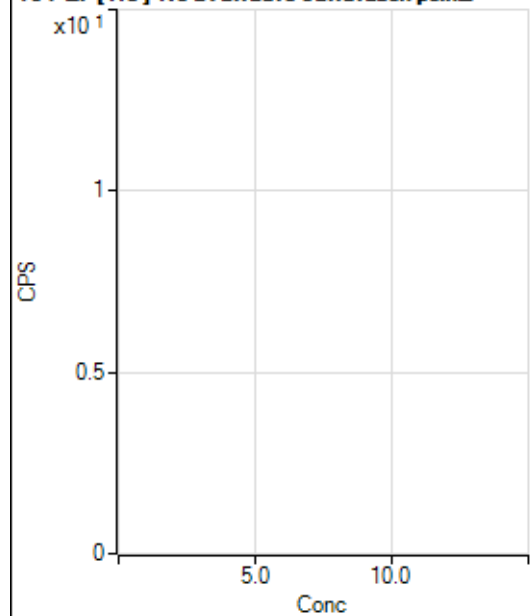
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			200.01		P	4.2
2	☐			211.12		P	8.2
3	☐			180.56		P	13.3
4	☐			175.01		P	12.6
5	☐			277.79		P	4.6
6	☐			325.01		P	15.4
7	☐			505.58		P	10.1
8	☐			1100.07		P	3.3

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			447.79		P	8.2
2	☐			447.79		P	9.5
3	☐			453.34		P	3.4
4	☐			460.01		P	8.4
5	☐			486.68		P	3.1
6	☐			488.91		P	7.4
7	☐			545.57		P	5.1
8	☐			943.38		P	4.9

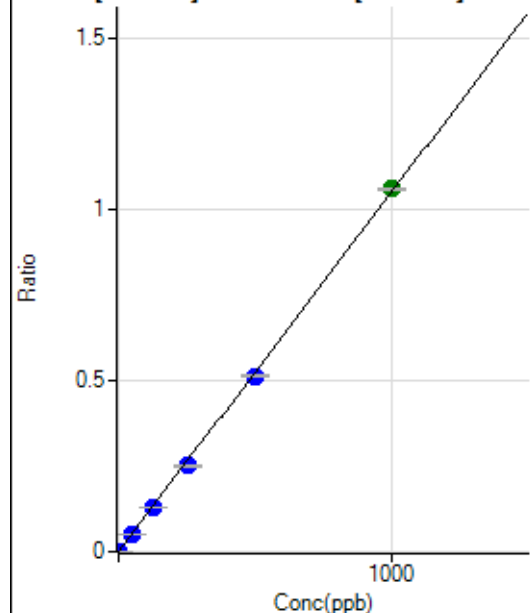
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			94.45		P	10.2
2	☐			88.89		P	5.4
3	☐			127.78		P	38.2
4	☐			111.12		P	4.3
5	☐			116.67		P	50.0
6	☐			133.34		P	18.7
7	☐			147.23		P	17.3
8	☐			186.12		P	9.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			48.89		P	20.8
2	☐			32.22		P	15.8
3	☐			54.45		P	12.7
4	☐			38.89		P	4.9
5	☐			65.55		P	16.3
6	☐			58.89		P	14.2
7	☐			56.67		P	38.6
8	☐			93.34		P	16.4

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.00	0.0000	P	46.5
2	☐	1.000	0.909	12425.57	0.0010	P	2.8
3	☐	50.000	48.805	658192.91	0.0513	P	0.7
4	☐	125.000	121.064	1636572.19	0.1273	P	1.0
5	☐	250.000	238.557	3286763.48	0.2508	P	2.9
6	☐	500.000	488.859	6499527.23	0.5140	P	0.3
7	☐	1000.000	1008.983	13148725.64	1.0609	A	0.8
8	☐			3003.21	0.0003	P	16.7

$$y = 0.0011 * x + 5.7207E-006$$

$$R = 0.9998$$

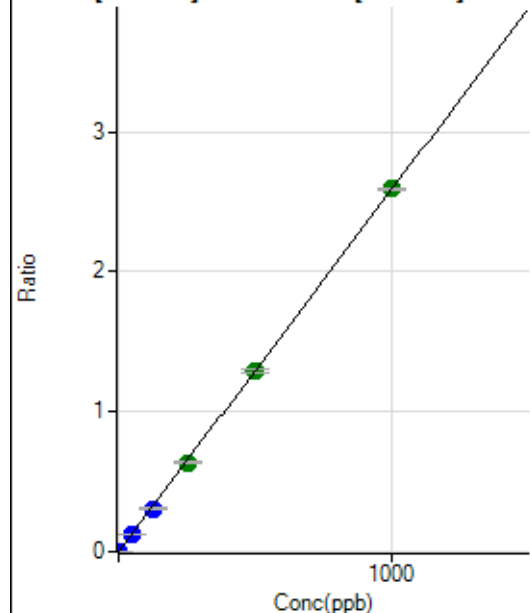
$$DL = 0.007593$$

$$BEC = 0.005441$$

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	230.56	0.0000	P	20.5
2	☐	1.000	0.898	30223.81	0.0023	P	2.0
3	☐	50.000	47.716	1582376.62	0.1234	P	2.3
4	☐	125.000	119.464	3971626.48	0.3089	P	1.2
5	☐	250.000	246.206	8341161.21	0.6366	A	3.4
6	☐	500.000	498.968	16314219.29	1.2902	A	1.4
7	☐	1000.000	1002.271	32121499.68	2.5916	A	0.7
8	☐			7360.55	0.0007	P	13.3

$$y = 0.0026 * x + 1.7650E-005$$

$$R = 1.0000$$

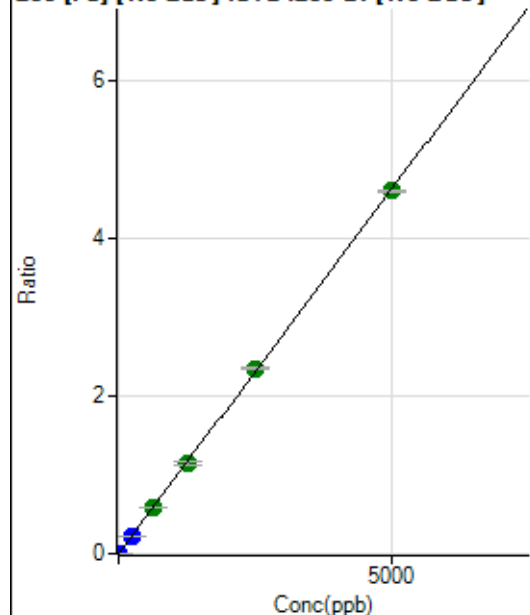
$$DL = 0.004208$$

$$BEC = 0.006826$$

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	200.01	0.0000	P	14.8
2	☐	1.000	0.849	10318.95	0.0008	P	2.5
3	☐	250.000	239.944	2838561.15	0.2214	P	2.6
4	☐	625.000	631.401	7488856.88	0.5825	A	0.8
5	☐	1250.000	1248.469	15088160.41	1.1517	A	3.9
6	☐	2500.000	2540.434	29632798.58	2.3436	A	1.1
7	☐	5000.000	4979.868	56940777.20	4.5940	A	0.5
8	☐			11553.34	0.0011	P	2.2

$$y = 9.2250\text{E-}004 * x + 1.5363\text{E-}005$$

$$R = 0.9999$$

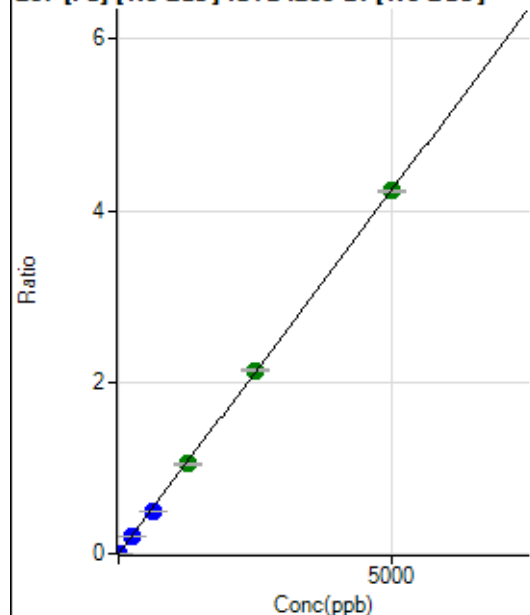
$$DL = 0.00737$$

$$BEC = 0.01665$$

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	201.86	0.0000	P	30.9
2	☐	1.000	0.827	9253.36	0.0007	P	0.9
3	☐	250.000	238.209	2588017.33	0.2018	P	0.6
4	☐	625.000	587.580	6398805.12	0.4977	P	0.5
5	☐	1250.000	1232.668	13681915.00	1.0441	A	2.7
6	☐	2500.000	2527.359	27066952.23	2.1407	A	1.5
7	☐	5000.000	4995.921	52451895.62	4.2316	A	0.6
8	☐			9831.56	0.0009	P	2.3

$$y = 8.4701\text{E-}004 * x + 1.5533\text{E-}005$$

$$R = 0.9999$$

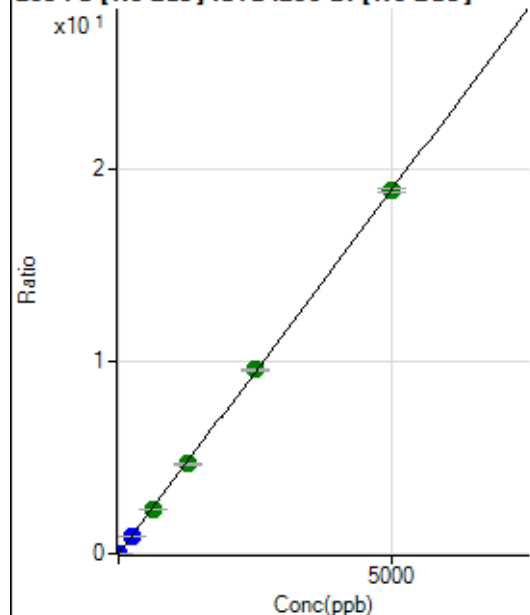
$$DL = 0.017$$

$$BEC = 0.01834$$

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	924.11	0.0001	P	5.9
2	☐	1.000	0.833	41633.44	0.0032	P	1.4
3	☐	250.000	239.296	11608633.36	0.9051	P	0.9
4	☐	625.000	618.571	30079802.41	2.3396	A	0.5
5	☐	1250.000	1236.121	61266995.12	4.6753	A	2.5
6	☐	2500.000	2529.448	120963775.8	9.5669	A	1.3
7	☐	5000.000	4990.085	233934926.5	18.8734	A	1.0
8	☐			46004.20	0.0043	P	2.2

$$y = 0.0038 * x + 7.0858E-005$$

$$R = 1.0000$$

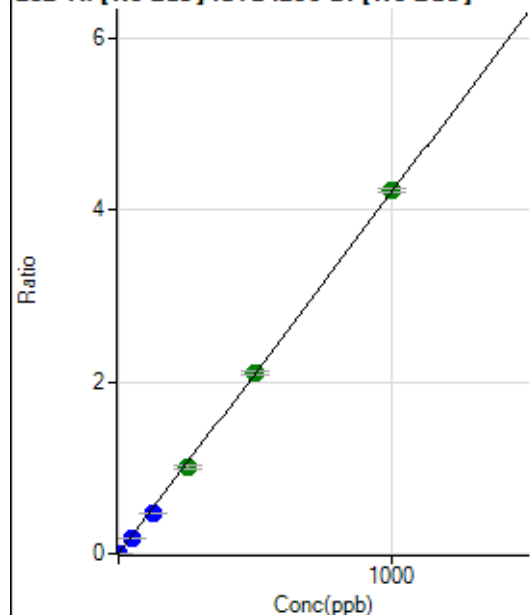
$$DL = 0.003304$$

$$BEC = 0.01873$$

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	459.28	0.0000	P	10.9
2	☐	1.000	-0.001	407.42	0.0000	P	13.5
3	☐	50.000	43.976	2371084.40	0.1849	P	0.9
4	☐	125.000	112.045	6055195.62	0.4710	P	0.4
5	☐	250.000	240.104	13224061.98	1.0092	A	3.0
6	☐	500.000	499.286	26534682.07	2.0986	A	1.6
7	☐	1000.000	1004.753	52345023.86	4.2231	A	1.2
8	☐			6157.12	0.0006	P	5.5

$$y = 0.0042 * x + 3.5257E-005$$

$$R = 0.9999$$

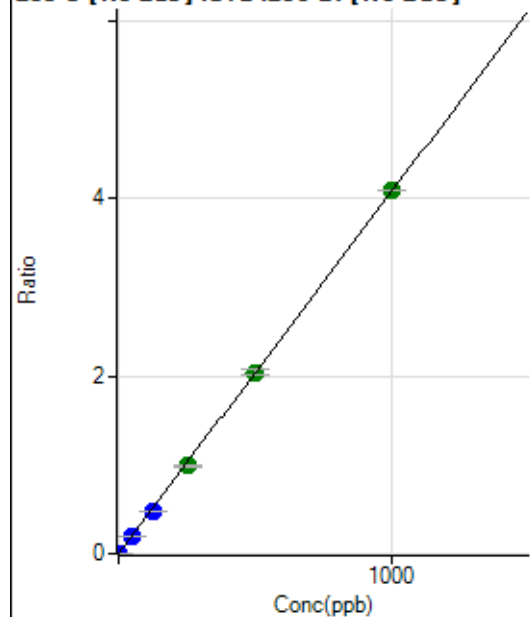
$$DL = 0.002735$$

$$BEC = 0.008388$$

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	27.78	0.0000	P	94.7
2	☐	1.000	0.825	43442.33	0.0034	P	1.6
3	☐	50.000	45.381	2371275.92	0.1849	P	0.1
4	☐	125.000	115.619	6055547.62	0.4710	P	0.8
5	☐	250.000	242.696	12955828.85	0.9887	A	2.7
6	☐	500.000	501.837	25847108.74	2.0444	A	2.4
7	☐	1000.000	1002.311	50610234.12	4.0832	A	0.2
8	☐			4995.55	0.0005	P	3.4

$$y = 0.0041 * x + 2.1085E-006$$

$$R = 0.9999$$

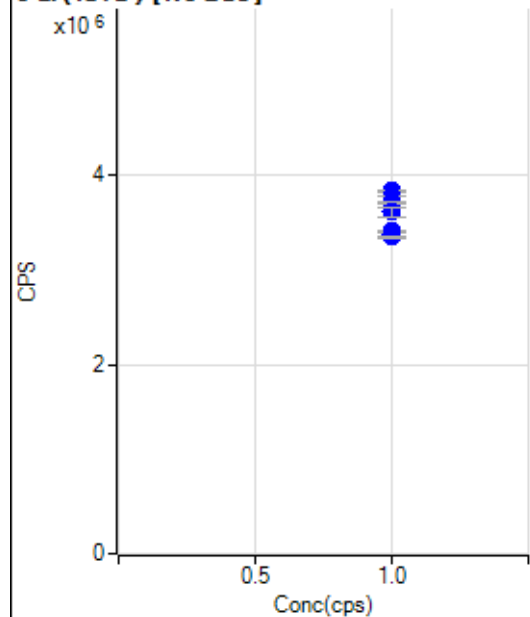
$$DL = 0.00147$$

$$BEC = 0.0005176$$

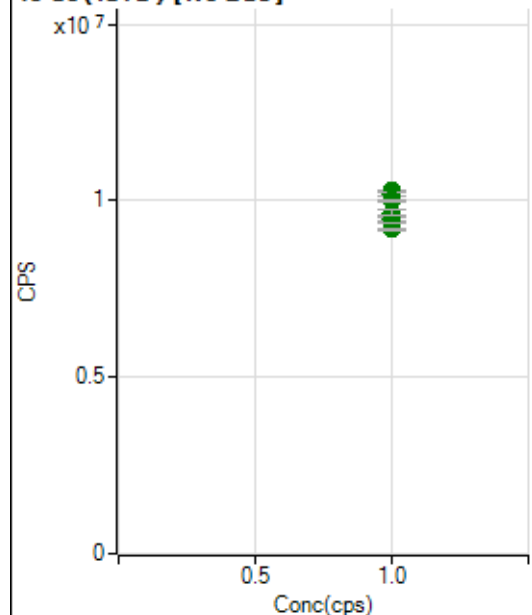
Weight: <None>

Min Conc: 0

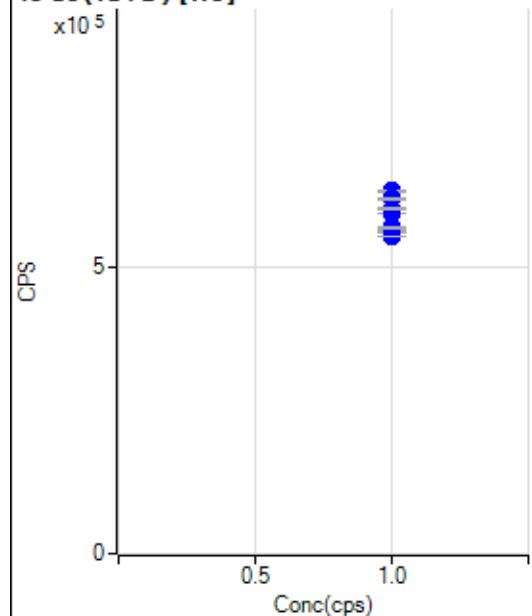
6 Li (ISTD) [No Gas]



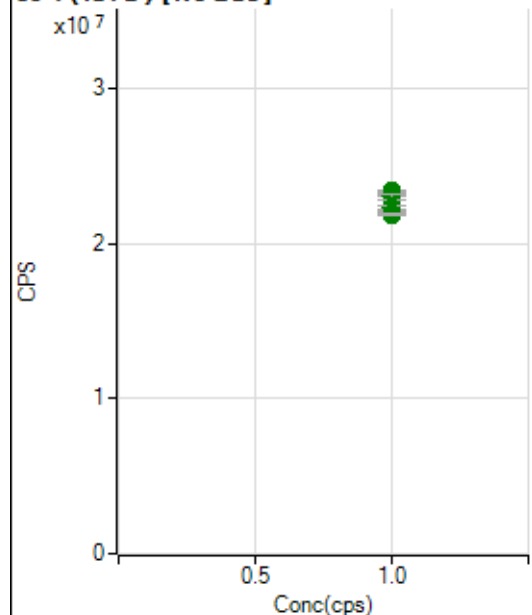
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3835204.49		P	0.6
2	☐	1.000		3825364.32		P	0.4
3	☐	1.000		3785093.55		P	0.3
4	☐	1.000		3717578.76		P	0.6
5	☐	1.000		3608855.67		P	2.5
6	☐	1.000		3412802.76		P	0.3
7	☐	1.000		3367180.30		P	1.2
8	☐	1.000		3344539.15		P	1.0

45 Sc (ISTD) [No Gas]

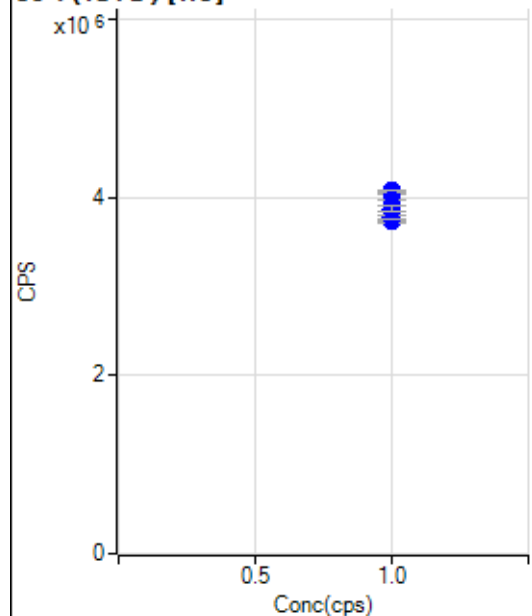
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10279100.68		A	0.2
2	☐	1.000		10274354.50		A	0.2
3	☐	1.000		10176149.16		A	1.0
4	☐	1.000		10013105.54		A	0.5
5	☐	1.000		9591545.90		A	3.8
6	☐	1.000		9186256.25		A	0.6
7	☐	1.000		9454143.26		A	1.4
8	☐	1.000		9651754.72		A	1.6

45 Sc (ISTD) [He]

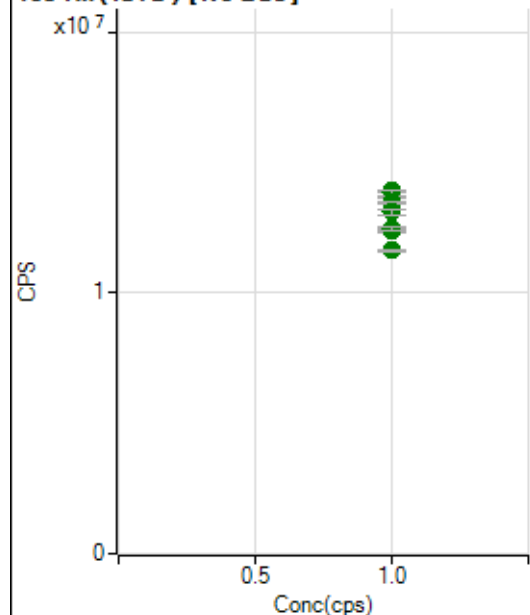
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		634413.55		P	0.6
2	☐	1.000		634442.81		P	0.3
3	☐	1.000		620664.66		P	0.8
4	☐	1.000		594850.82		P	0.2
5	☐	1.000		563565.58		P	0.3
6	☐	1.000		554889.33		P	0.5
7	☐	1.000		570447.59		P	0.8
8	☐	1.000		603489.69		P	0.9

89 Y (ISTD) [No Gas]

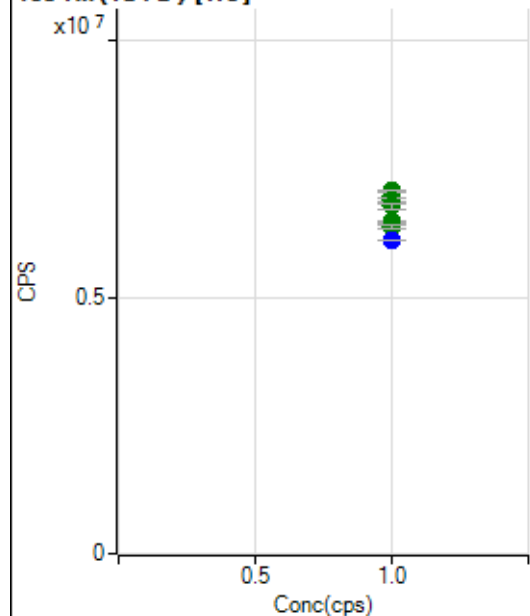
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		23181372.99		A	0.7
2	☐	1.000		23424289.09		A	0.6
3	☐	1.000		23345110.49		A	0.5
4	☐	1.000		23044376.32		A	1.3
5	☐	1.000		22500590.50		A	3.3
6	☐	1.000		21875370.79		A	0.4
7	☐	1.000		22305287.44		A	1.2
8	☐	1.000		21914332.73		A	0.5

89 Y (ISTD) [He]

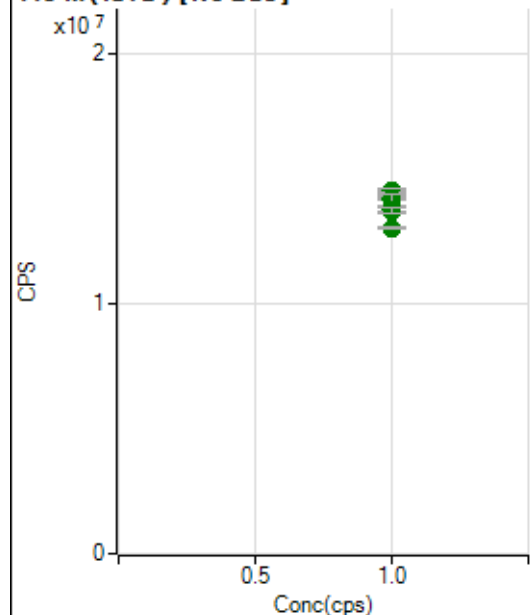
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4049972.93		P	0.1
2	☐	1.000		4079048.76		P	0.5
3	☐	1.000		3984054.70		P	0.2
4	☐	1.000		3913384.87		P	0.3
5	☐	1.000		3748827.97		P	0.6
6	☐	1.000		3736200.12		P	0.7
7	☐	1.000		3792673.52		P	1.2
8	☐	1.000		3878492.48		P	1.3

103 Rh (ISTD) [No Gas]

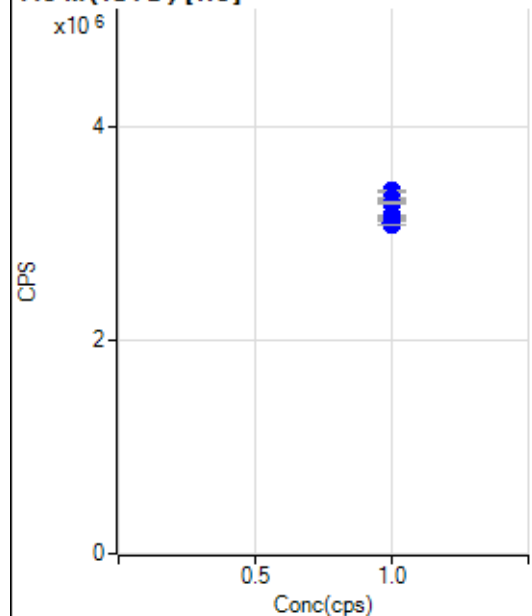
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13902131.32		A	0.8
2	☐	1.000		13845075.21		A	1.6
3	☐	1.000		13512082.85		A	1.6
4	☐	1.000		13475863.83		A	0.5
5	☐	1.000		13104085.64		A	1.7
6	☐	1.000		12399185.79		A	1.3
7	☐	1.000		12448510.65		A	1.0
8	☐	1.000		11614094.13		A	0.2

103 Rh (ISTD) [He]

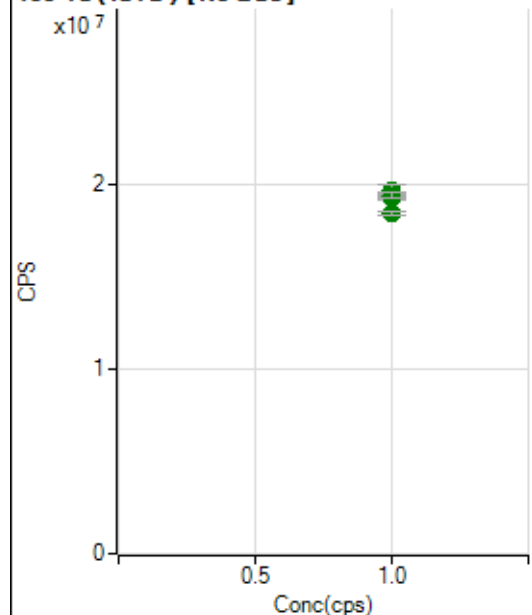
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6981821.08		A	1.6
2	☐	1.000		7067165.45		A	0.4
3	☐	1.000		6886250.80		A	1.3
4	☐	1.000		6766677.47		A	1.8
5	☐	1.000		6467240.46		A	0.8
6	☐	1.000		6416799.14		A	0.8
7	☐	1.000		6369343.87		A	0.9
8	☐	1.000		6103216.65		P	0.2

115 In (ISTD) [No Gas]

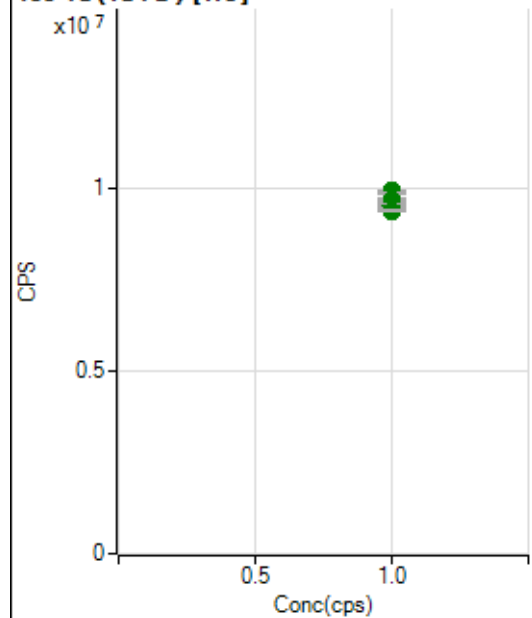
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14523911.83		A	0.3
2	☐	1.000		14522957.69		A	1.0
3	☐	1.000		14264561.93		A	0.5
4	☐	1.000		14247850.04		A	1.1
5	☐	1.000		14159355.63		A	3.6
6	☐	1.000		13702653.28		A	0.5
7	☐	1.000		13755990.72		A	1.9
8	☐	1.000		13041079.44		A	0.1

115 In (ISTD) [He]

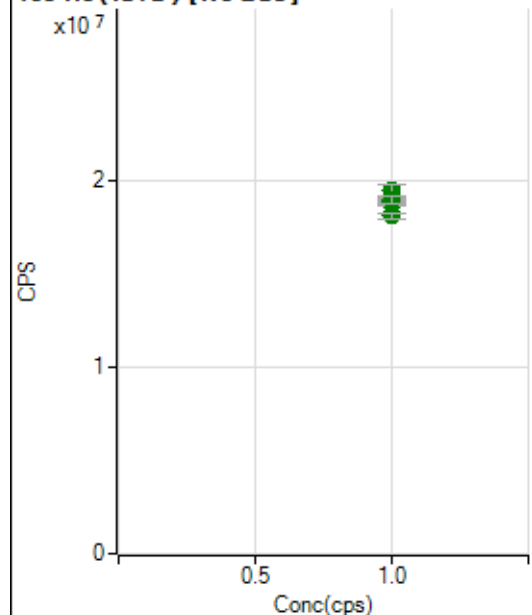
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3402012.01		P	0.2
2	☐	1.000		3404627.45		P	0.3
3	☐	1.000		3335591.67		P	0.6
4	☐	1.000		3287441.91		P	0.6
5	☐	1.000		3173156.81		P	0.5
6	☐	1.000		3134574.88		P	0.3
7	☐	1.000		3103103.18		P	1.2
8	☐	1.000		3088185.39		P	0.4

159 Tb (ISTD) [No Gas]

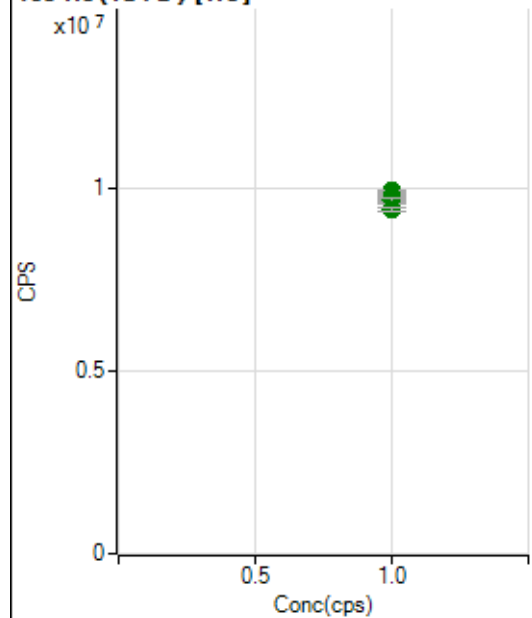
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		19325338.32		A	0.9
2	☐	1.000		19250511.66		A	0.5
3	☐	1.000		19368982.07		A	0.4
4	☐	1.000		19375541.52		A	0.8
5	☐	1.000		19663906.23		A	3.1
6	☐	1.000		19376874.71		A	1.3
7	☐	1.000		19406523.74		A	1.8
8	☐	1.000		18464431.39		A	1.4

159 Tb (ISTD) [He]

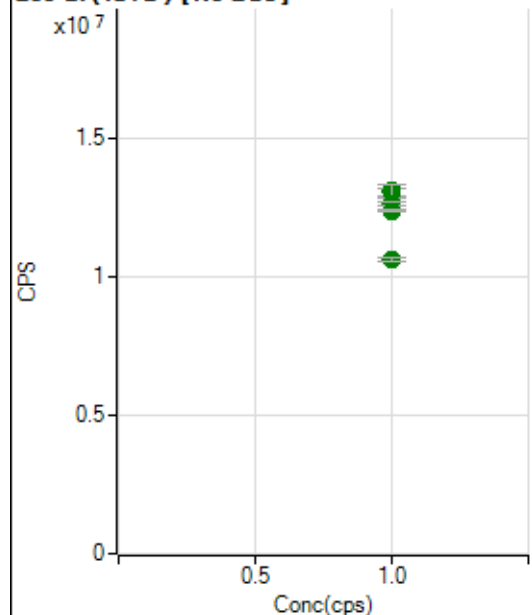
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9864718.33		A	0.6
2	☐	1.000		9935354.71		A	0.7
3	☐	1.000		9878242.91		A	0.8
4	☐	1.000		9696555.34		A	0.8
5	☐	1.000		9608540.34		A	1.3
6	☐	1.000		9637381.73		A	0.5
7	☐	1.000		9524423.75		A	0.9
8	☐	1.000		9377793.75		A	0.5

165 Ho (ISTD) [No Gas]

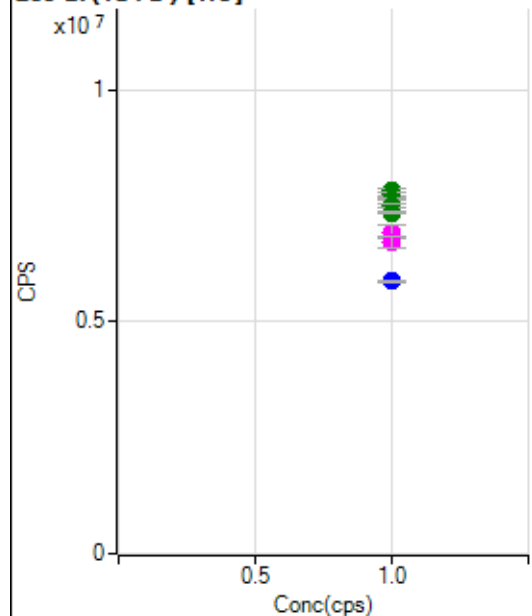
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		18940278.47		A	0.6
2	☐	1.000		18911499.72		A	1.3
3	☐	1.000		18809340.97		A	1.1
4	☐	1.000		19133742.49		A	0.8
5	☐	1.000		19450423.32		A	4.0
6	☐	1.000		18842898.19		A	1.8
7	☐	1.000		18964043.88		A	2.1
8	☐	1.000		18093105.98		A	1.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9906048.54		A	1.3
2	☐	1.000		9946012.01		A	0.9
3	☐	1.000		9942085.96		A	0.4
4	☐	1.000		9824197.77		A	0.6
5	☐	1.000		9688445.07		A	0.6
6	☐	1.000		9778876.66		A	0.5
7	☐	1.000		9685942.91		A	1.4
8	☐	1.000		9432688.68		A	1.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13046015.92		A	2.2
2	☐	1.000		12918785.09		A	0.5
3	☐	1.000		12826324.67		A	1.5
4	☐	1.000		12856723.84		A	0.1
5	☐	1.000		13111969.11		A	3.4
6	☐	1.000		12645030.92		A	0.9
7	☐	1.000		12394975.09		A	0.8
8	☐	1.000		10638739.28		A	1.0

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7812289.54		A	0.9
2	☐	1.000		7735824.05		A	0.9
3	☐	1.000		7631974.54		A	0.3
4	☐	1.000		7501366.48		A	1.0
5	☐	1.000		7349124.27		A	0.5
6	☐	1.000		6918522.12		M	4.2
7	☐	1.000		6705597.47		M	3.9
8	☐	1.000		5869944.08		P	0.7

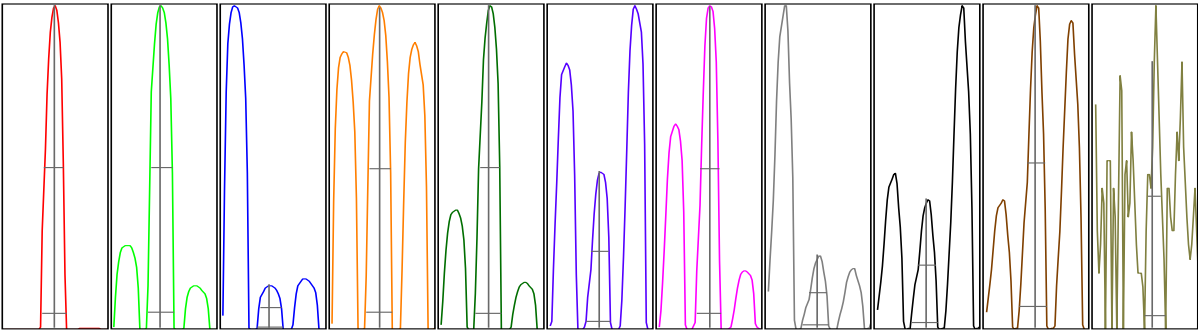
US EPA Tune Check Sample Report

Batch Folder C:\Agilent\ICPMH\1\DATA\P7101220M .b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]				
Mass	Count	RSD%	RSD%	RSD%
	(Mean)	(Actual)	(Required)	(Flag)
9	11151	0.75	5.00	
24	224836	0.55	5.00	
25	30243	0.60	5.00	
26	35120	0.43	5.00	
59	97659	0.49	5.00	
113	16441	0.32	5.00	
115	53113	2.65	5.00	
206	22326	0.93	5.00	
207	18818	0.76	5.00	
208	46230	0.77	5.00	
220	0	29.22		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	11067	11098	11196	11120	11274
24	223652	224651	224891	224100	226886
25	30063	30248	30257	30118	30531
26	34954	35079	35254	35008	35303
59	97587	97676	97688	97003	98338
113	16421	16530	16408	16401	16444
115	54806	54019	53130	52447	51162
206	22140	22182	22225	22464	22620
207	18600	18752	18871	18935	18933
208	45717	46016	46518	46364	46533
220	0	1	0	1	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	20904	9.00	8.9 - 9.1		0.728	0.900	
24	372004	23.90	23.9 - 24.1		0.776	0.900	
25	49944	24.90	24.9 - 25.1		0.741	0.900	
26	57946	25.95	25.9 - 26.1		0.780	0.900	
59	170331	58.95	58.9 - 59.1		0.773	0.900	
113	31719	113.00	112.9 - 113.1		0.702	0.900	
115	102704	115.05	114.9 - 115.1		0.729	0.900	
206	44337	206.00	205.9 - 206.1		0.780	0.900	
207	36873	207.00	206.9 - 207.1		0.775	0.900	
208	92336	208.00	207.9 - 208.1		0.783	0.900	
220	1	220.25	-		0.584		

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	10.7	V	Deflect	13.4	V
Extract 2	-195.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-85	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	200	V			

[He]

Mass	Count	RSD%	RSD%
	(Mean)	(Actual)	(Required)
59	28798	0.48	
89	23034	0.45	
205	59266	0.64	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	28702	28856	28778	29004	28652
89	22969	23022	23083	23179	22915
205	59095	58891	59606	59731	59006

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	9.8	V	Deflect	2.2	V
Extract 2	-185.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-85	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 :	lb111461	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 14:02:05	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.27	0.05	0.23	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	0.00	0.00	N/A	ppb
Barium	135-1	0.00	0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	-0.01	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	11-1	0.06	0.02	-0.08	0.00	N/A	ppb
Boron	10-1	0.00	-0.02	0.01	0.00	N/A	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	-0.83	1.14	-0.31	0.00	N/A	ppb
Cadmium	108-1	0.04	0.03	-0.07	0.00	N/A	ppb
Cadmium	111-1	-0.07	0.09	-0.02	0.00	N/A	ppb
Calcium	43-1	-0.06	0.70	-0.64	0.00	N/A	ppb
Calcium	44-1	0.55	-0.39	-0.15	0.00	N/A	ppb
Chromium	52-2	0.00	0.00	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.00	0.01	0.00	N/A	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.11	0.00	0.11	0.00	N/A	ppb
Iron	57-2	0.72	-0.32	-0.40	0.00	N/A	ppb
Iron	54-2	-0.26	-0.26	0.53	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	-0.01	0.00	0.00	N/A	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 14:02:05	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.03	-0.12	0.15	0.00	N/A	ppb
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	-0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	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	0.00	-0.01	0.00	0.00	N/A	ppb
Phosphorus	31-2	0.65	-0.14	-3.59	-1.03		ppb
Potassium	39-2	0.59	1.50	-2.08	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.13	-0.09	0.22	0.00	N/A	ppb
Selenium	77-2	-0.07	0.14	-0.07	0.00	N/A	ppb
Selenium	78-2	-0.01	0.31	-0.30	0.00	N/A	ppb
Silicon	28-1	-0.03	0.12	-0.09	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.06	-0.10	0.04	0.00	N/A	ppb
Strontium	86-1	-0.02	-0.01	0.03	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-119.28	-130.15	-139.62	-129.68		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	0.01	-0.01	0.00	0.00	N/A	ppb
Titanium	47-1	0.00	0.01	-0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 14:02:05	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	-0.09	-0.08	0.17	0.00	N/A	ppb
Zirconium	91-1	0.00	0.01	0.00	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 14:05:32	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.78	20.96	19.89	20.21	3.25	ppb
Antimony	121-1	2.07	2.01	2.02	2.03	1.37	ppb
Arsenic	75-2	0.90	1.00	0.93	0.94	5.40	ppb
Barium	135-1	10.24	10.26	9.96	10.16	1.65	ppb
Barium	137-1	10.03	9.91	9.50	9.81	2.85	ppb
Beryllium	9-1	0.97	0.92	0.96	0.95	2.67	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	11-1	22.81	23.62	23.15	23.19	1.75	ppb
Boron	10-1	21.95	22.03	22.72	22.23	1.91	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	0.43	1.03	2.57	1.34	82.00	ppb
Cadmium	108-1	1.04	0.82	1.08	0.98	14.28	ppb
Cadmium	111-1	1.03	1.14	1.22	1.13	8.20	ppb
Calcium	43-1	523.64	524.49	505.41	517.85	2.08	ppb
Calcium	44-1	533.80	527.19	533.17	531.39	0.69	ppb
Chromium	52-2	1.82	1.75	1.69	1.75	3.55	ppb
Cobalt	59-2	1.00	0.94	0.86	0.93	7.62	ppb
Copper	63-2	2.11	1.97	1.86	1.98	6.30	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	56.72	52.89	48.65	52.75	7.66	ppb
Iron	57-2	56.64	51.55	49.76	52.65	6.78	ppb
Iron	54-2	60.15	53.54	52.62	55.43	7.41	ppb
Krypton	83-1						cps
Lead	206-1	0.83	0.85	0.87	0.85	2.56	ppb
Lead	207-1	0.84	0.82	0.82	0.83	0.97	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 14:05:32	DataFile Name :	004CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.84	0.82	0.83	0.83	1.43	ppb
Lithium	6-1				100		%
Magnesium	24-2	536.71	516.70	487.94	513.78	4.77	ppb
Manganese	55-2	1.04	0.93	0.90	0.95	8.08	ppb
Molybdenum	94-1	4.97	5.19	5.11	5.09	2.20	ppb
Molybdenum	95-1	5.07	5.06	5.01	5.05	0.71	ppb
Molybdenum	96-1	5.03	5.05	5.01	5.03	0.34	ppb
Molybdenum	97-1	5.09	5.02	4.89	5.00	2.03	ppb
Molybdenum	98-1	5.05	5.06	5.11	5.07	0.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	0.95	0.80	0.91	11.18	ppb
Phosphorus	31-2	3.33	2.60	-2.84	1.03	328.51	ppb
Potassium	39-2	538.38	537.64	514.99	530.34	2.51	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	5.79	5.19	5.05	5.34	7.36	ppb
Selenium	77-2	4.76	4.98	4.60	4.78	4.05	ppb
Selenium	78-2	5.63	4.24	4.51	4.79	15.45	ppb
Silicon	28-1	9.62	9.18	8.94	9.25	3.71	ppb
Silver	107-1	1.06	1.08	1.06	1.07	0.69	ppb
Silver	109-1	1.10	1.09	1.10	1.10	0.68	ppb
Sodium	23-2	555.33	538.63	518.61	537.52	3.42	ppb
Strontium	86-1	1.02	0.99	0.99	1.00	1.65	ppb
Strontium	88-1	1.00	0.98	0.97	0.98	1.65	ppb
Sulfur	34-1	63.68	142.30	183.08	129.68	46.80	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.90	0.89	0.94	0.91	2.81	ppb
Thallium	205-1	0.92	0.89	0.89	0.90	2.06	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	5.08	5.08	5.08	5.08	0.02	ppb
Titanium	47-1	5.06	4.85	5.08	5.00	2.54	ppb
Uranium	238-1	0.82	0.84	0.81	0.82	1.61	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 14:05:32	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.68	4.41	4.22	4.44	5.21	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	1.88	2.26	2.27	2.13	10.35	ppb
Zirconium	91-1	0.96	0.93	0.95	0.95	2.00	ppb
Zirconium	90-1	1.00	0.97	1.00	0.99	1.73	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 14:08:59	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1149.76	1127.49	1026.12	1101.12	5.99	ppb
Antimony	121-1	53.23	53.22	53.66	53.37	0.47	ppb
Arsenic	75-2	51.86	50.85	46.94	49.89	5.21	ppb
Barium	135-1	263.26	264.16	264.79	264.07	0.29	ppb
Barium	137-1	262.21	259.96	257.40	259.86	0.93	ppb
Beryllium	9-1	52.58	51.62	52.18	52.13	0.92	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	11-1	49.94	50.37	50.36	50.22	0.49	ppb
Boron	10-1	50.08	50.62	50.00	50.23	0.67	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	54.73	51.27	53.85	53.29	3.37	ppb
Cadmium	108-1	51.99	51.48	52.33	51.93	0.82	ppb
Cadmium	111-1	52.37	51.89	52.07	52.11	0.46	ppb
Calcium	43-1	5685.99	5532.95	5695.90	5638.28	1.62	ppb
Calcium	44-1	5723.68	5568.96	5645.91	5646.18	1.37	ppb
Chromium	52-2	51.23	49.41	44.72	48.45	6.94	ppb
Cobalt	59-2	52.53	51.45	46.90	50.29	5.94	ppb
Copper	63-2	514.46	509.03	464.28	495.92	5.55	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	2764.32	2695.61	2420.58	2626.84	6.92	ppb
Iron	57-2	2978.61	2865.36	2593.86	2812.61	7.03	ppb
Iron	54-2	3062.45	2989.99	2717.76	2923.40	6.22	ppb
Krypton	83-1						cps
Lead	206-1	232.96	244.74	242.13	239.94	2.58	ppb
Lead	207-1	236.81	238.11	239.70	238.21	0.61	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 14:08:59	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	236.93	240.15	240.81	239.30	0.87	ppb
Lithium	6-1				99		%
Magnesium	24-2	5914.29	5734.73	5302.45	5650.49	5.57	ppb
Manganese	55-2	525.40	518.16	470.66	504.74	5.89	ppb
Molybdenum	94-1	271.45	266.32	264.41	267.39	1.36	ppb
Molybdenum	95-1	270.04	264.98	266.78	267.27	0.96	ppb
Molybdenum	96-1	268.92	269.63	264.54	267.70	1.03	ppb
Molybdenum	97-1	268.58	264.74	263.10	265.47	1.06	ppb
Molybdenum	98-1	270.09	264.89	265.02	266.67	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.20	51.55	46.94	50.23	5.72	ppb
Phosphorus	31-2	1060.63	979.14	948.78	996.18	5.81	ppb
Potassium	39-2	2958.12	2940.21	2801.06	2899.79	2.96	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	53.39	53.69	52.45	53.18	1.21	ppb
Selenium	77-2	48.45	53.81	50.10	50.78	5.40	ppb
Selenium	78-2	50.11	50.47	49.79	50.12	0.68	ppb
Silicon	28-1	51.50	51.74	53.68	52.31	2.29	ppb
Silver	107-1	56.42	56.18	56.28	56.29	0.21	ppb
Silver	109-1	55.69	55.96	56.39	56.02	0.63	ppb
Sodium	23-2	5875.29	5799.16	5512.71	5729.05	3.34	ppb
Strontium	86-1	51.61	51.63	50.28	51.17	1.51	ppb
Strontium	88-1	53.52	53.11	52.54	53.05	0.93	ppb
Sulfur	34-1	1172.65	1124.04	1265.32	1187.34	6.04	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	48.39	48.98	49.05	48.80	0.75	ppb
Thallium	205-1	46.69	48.89	47.57	47.72	2.32	ppb
Thorium	232-1	43.91	44.41	43.60	43.98	0.92	ppb
Tin	118-1	53.69	52.93	53.35	53.32	0.72	ppb
Titanium	47-1	265.90	258.80	267.76	264.15	1.79	ppb
Uranium	238-1	45.41	45.36	45.38	45.38	0.06	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 14:08:59	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	49.47	48.11	44.85	47.48	5.00	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	509.23	495.52	457.03	487.26	5.55	ppb
Zirconium	91-1	52.07	50.19	50.43	50.90	2.02	ppb
Zirconium	90-1	53.70	52.85	53.12	53.22	0.81	ppb

LB Number : lb111461 Operator : JASWAL
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 14:12:27 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2837.04	2615.15	2274.32	2575.51	11.01	ppb
Antimony	121-1	130.79	131.80	130.68	131.09	0.47	ppb
Arsenic	75-2	125.26	119.93	106.85	117.34	8.07	ppb
Barium	135-1	647.39	649.83	648.76	648.66	0.19	ppb
Barium	137-1	641.97	649.74	646.00	645.91	0.60	ppb
Beryllium	9-1	127.96	129.00	129.73	128.90	0.69	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	11-1	123.82	125.19	127.10	125.37	1.31	ppb
Boron	10-1	123.47	126.67	124.94	125.02	1.28	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	129.98	130.38	129.94	130.10	0.19	ppb
Cadmium	108-1	128.66	129.53	128.94	129.04	0.35	ppb
Cadmium	111-1	127.08	127.80	127.47	127.45	0.28	ppb
Calcium	43-1	13781.95	13758.30	13847.77	13796.00	0.34	ppb
Calcium	44-1	12462.97	12559.54	12501.68	12508.06	0.39	ppb
Chromium	52-2	126.09	115.89	101.46	114.48	10.81	ppb
Cobalt	59-2	130.28	120.60	107.85	119.58	9.41	ppb
Copper	63-2	1247.87	1154.47	1058.59	1153.64	8.20	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	6949.38	6382.26	5494.20	6275.28	11.69	ppb
Iron	57-2	7331.06	6761.75	5831.05	6641.29	11.40	ppb
Iron	54-2	7666.91	6954.32	6101.31	6907.51	11.35	ppb
Krypton	83-1						cps
Lead	206-1	625.83	634.94	633.42	631.40	0.77	ppb
Lead	207-1	587.07	590.53	585.14	587.58	0.46	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 14:12:27	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	615.11	619.84	620.77	618.57	0.49	ppb
Lithium	6-1				97		%
Magnesium	24-2	13349.30	12337.29	11954.42	12547.01	5.74	ppb
Manganese	55-2	1316.85	1219.67	1076.61	1204.38	10.03	ppb
Molybdenum	94-1	650.51	655.15	663.77	656.48	1.02	ppb
Molybdenum	95-1	654.13	663.42	661.93	659.82	0.76	ppb
Molybdenum	96-1	659.69	673.94	665.37	666.33	1.08	ppb
Molybdenum	97-1	653.01	665.62	652.75	657.13	1.12	ppb
Molybdenum	98-1	622.39	627.48	622.56	624.14	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	130.79	120.05	106.93	119.26	10.02	ppb
Phosphorus	31-2	2501.77	2425.51	2281.50	2402.93	4.66	ppb
Potassium	39-2	7235.34	7161.92	6818.57	7071.94	3.15	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	82-1	131.67	134.66	131.09	132.47	1.45	ppb
Selenium	77-2	128.58	123.36	108.21	120.05	8.82	ppb
Selenium	78-2	131.46	127.79	112.57	123.94	8.08	ppb
Silicon	28-1	128.62	131.40	133.22	131.08	1.77	ppb
Silver	107-1	137.38	137.35	136.51	137.08	0.36	ppb
Silver	109-1	136.03	138.41	136.63	137.02	0.90	ppb
Sodium	23-2	13115.57	12782.98	12051.22	12649.92	4.30	ppb
Strontium	86-1	125.61	127.98	128.34	127.31	1.16	ppb
Strontium	88-1	128.81	131.91	130.83	130.52	1.21	ppb
Sulfur	34-1	2716.06	2600.16	2629.83	2648.68	2.27	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	121.29	122.12	119.78	121.06	0.98	ppb
Thallium	205-1	120.89	119.40	118.10	119.46	1.17	ppb
Thorium	232-1	111.92	111.64	112.58	112.05	0.43	ppb
Tin	118-1	130.57	131.30	133.23	131.70	1.04	ppb
Titanium	47-1	646.39	643.80	644.79	644.99	0.20	ppb
Uranium	238-1	116.30	116.01	114.55	115.62	0.81	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 14:12:27	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	125.34	116.01	101.69	114.34	10.42	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	1266.18	1169.23	1041.94	1159.12	9.70	ppb
Zirconium	91-1	124.03	126.56	127.46	126.02	1.41	ppb
Zirconium	90-1	129.28	132.41	132.91	131.53	1.49	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 14:15:53	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5809.26	5707.36	5575.12	5697.24	2.06	ppb
Antimony	121-1	243.79	257.34	260.40	253.84	3.48	ppb
Arsenic	75-2	254.52	257.93	249.18	253.88	1.74	ppb
Barium	135-1	1232.31	1278.92	1287.24	1266.15	2.34	ppb
Barium	137-1	1205.66	1252.25	1280.99	1246.30	3.05	ppb
Beryllium	9-1	247.91	252.72	255.74	252.12	1.57	ppb
Bismuth	209-1				101		%
Bismuth	209-2				94		%
Boron	11-1	237.91	244.82	248.47	243.73	2.20	ppb
Boron	10-1	235.55	245.39	247.49	242.81	2.63	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	235.79	246.22	247.27	243.09	2.61	ppb
Cadmium	108-1	242.51	250.96	245.64	246.37	1.73	ppb
Cadmium	111-1	237.56	248.94	252.17	246.23	3.12	ppb
Calcium	43-1	26585.24	28047.99	27879.52	27504.25	2.91	ppb
Calcium	44-1	23922.89	24954.59	25480.11	24785.86	3.20	ppb
Chromium	52-2	259.08	255.80	250.62	255.17	1.67	ppb
Cobalt	59-2	265.39	262.78	256.90	261.69	1.66	ppb
Copper	63-2	2557.89	2524.08	2457.59	2513.19	2.03	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	56-2	14192.68	14169.46	13709.29	14023.81	1.94	ppb
Iron	57-2	14988.44	14915.53	14662.39	14855.45	1.15	ppb
Iron	54-2	15636.51	15483.60	15126.86	15415.66	1.70	ppb
Krypton	83-1						cps
Lead	206-1	1192.12	1274.40	1278.89	1248.47	3.91	ppb
Lead	207-1	1196.34	1240.21	1261.46	1232.67	2.69	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 14:15:53	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	1200.16	1249.48	1258.73	1236.12	2.55	ppb
Lithium	6-1				94		%
Magnesium	24-2	27324.92	26688.86	26142.79	26718.86	2.21	ppb
Manganese	55-2	2534.92	2567.32	2508.38	2536.87	1.16	ppb
Molybdenum	94-1	1200.05	1261.44	1265.69	1242.40	2.96	ppb
Molybdenum	95-1	1212.61	1270.91	1260.86	1248.12	2.50	ppb
Molybdenum	96-1	1204.29	1265.30	1266.96	1245.52	2.87	ppb
Molybdenum	97-1	1266.48	1332.00	1320.19	1306.22	2.67	ppb
Molybdenum	98-1	1197.82	1270.33	1267.70	1245.28	3.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	262.59	262.64	254.71	259.98	1.76	ppb
Phosphorus	31-2	5153.35	5175.14	4932.61	5087.03	2.64	ppb
Potassium	39-2	13194.91	13118.22	13043.82	13118.98	0.58	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				93		%
Scandium	45-2				89		%
Selenium	82-1	248.85	262.14	261.37	257.45	2.90	ppb
Selenium	77-2	276.92	266.03	247.82	263.59	5.58	ppb
Selenium	78-2	258.41	262.50	251.95	257.62	2.06	ppb
Silicon	28-1	232.89	250.80	252.42	245.37	4.42	ppb
Silver	107-1	249.72	262.41	262.76	258.29	2.88	ppb
Silver	109-1	253.71	261.86	264.61	260.06	2.18	ppb
Sodium	23-2	26874.56	26255.89	26205.72	26445.39	1.41	ppb
Strontium	86-1	243.46	254.30	255.78	251.18	2.68	ppb
Strontium	88-1	240.78	250.77	250.65	247.40	2.32	ppb
Sulfur	34-1	4455.93	5256.32	5349.87	5020.71	9.79	ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	230.60	243.91	241.17	238.56	2.95	ppb
Thallium	205-1	236.48	251.46	250.68	246.21	3.42	ppb
Thorium	232-1	232.35	241.32	246.65	240.10	3.01	ppb
Tin	118-1	244.54	257.37	258.73	253.55	3.09	ppb
Titanium	47-1	1240.10	1294.77	1304.55	1279.81	2.71	ppb
Uranium	238-1	235.17	246.59	246.32	242.70	2.69	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 14:15:53	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	255.87	252.27	247.80	251.98	1.60	ppb
Yttrium	89-1				97		%
Yttrium	89-2				93		%
Zinc	66-2	2561.04	2551.74	2474.87	2529.21	1.87	ppb
Zirconium	91-1	243.92	253.26	252.67	249.95	2.09	ppb
Zirconium	90-1	242.46	263.18	263.19	256.28	4.67	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 14:19:11	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11414.46	11298.13	11153.28	11288.63	1.16	ppb
Antimony	121-1	519.57	509.57	501.88	510.34	1.74	ppb
Arsenic	75-2	513.14	507.58	498.51	506.41	1.46	ppb
Barium	135-1	2540.73	2516.04	2452.06	2502.94	1.83	ppb
Barium	137-1	2548.76	2516.22	2457.86	2507.62	1.84	ppb
Beryllium	9-1	513.75	503.84	502.83	506.81	1.19	ppb
Bismuth	209-1				97		%
Bismuth	209-2				89		%
Boron	11-1	497.83	505.74	498.48	500.69	0.88	ppb
Boron	10-1	499.74	506.80	495.87	500.80	1.11	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	487.30	481.56	473.59	480.82	1.43	ppb
Cadmium	108-1	493.62	483.24	478.06	484.97	1.63	ppb
Cadmium	111-1	489.02	490.57	473.53	484.37	1.95	ppb
Calcium	43-1	56040.21	55155.66	54955.76	55383.88	1.04	ppb
Calcium	44-1	50913.14	50226.80	49670.21	50270.05	1.24	ppb
Chromium	52-2	517.73	511.33	506.34	511.80	1.12	ppb
Cobalt	59-2	524.91	519.77	514.70	519.80	0.98	ppb
Copper	63-2	5112.16	5038.68	4986.03	5045.62	1.26	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				94		%
Indium	115-2				92		%
Iron	56-2	28588.55	27875.72	27980.19	28148.16	1.37	ppb
Iron	57-2	29970.77	29557.03	29342.13	29623.31	1.08	ppb
Iron	54-2	28880.43	30502.28	28630.27	29337.66	3.46	ppb
Krypton	83-1						cps
Lead	206-1	2571.67	2515.02	2534.62	2540.43	1.13	ppb
Lead	207-1	2563.34	2531.92	2486.82	2527.36	1.52	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 14:19:11	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	2565.56	2521.24	2501.54	2529.45	1.30	ppb
Lithium	6-1				89		%
Magnesium	24-2	53450.58	53199.37	52251.34	52967.10	1.19	ppb
Manganese	55-2	5116.43	5027.06	4983.08	5042.19	1.35	ppb
Molybdenum	94-1	2573.41	2477.43	2517.48	2522.77	1.91	ppb
Molybdenum	95-1	2559.73	2501.97	2514.99	2525.56	1.20	ppb
Molybdenum	96-1	2538.20	2508.47	2538.36	2528.34	0.68	ppb
Molybdenum	97-1	2517.93	2498.16	2509.58	2508.56	0.40	ppb
Molybdenum	98-1	2537.62	2508.06	2512.46	2519.38	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	520.15	517.34	509.03	515.51	1.12	ppb
Phosphorus	31-2	10210.62	10152.66	9976.21	10113.17	1.21	ppb
Potassium	39-2	26180.71	26248.05	26183.86	26204.21	0.15	ppb
Rhodium	103-1				89		%
Rhodium	103-2				92		%
Scandium	45-1				89		%
Scandium	45-2				87		%
Selenium	82-1	520.69	509.15	515.10	514.98	1.12	ppb
Selenium	77-2	502.26	500.89	494.55	499.23	0.82	ppb
Selenium	78-2	517.60	511.27	515.28	514.72	0.62	ppb
Silicon	28-1	521.52	528.08	519.41	523.00	0.86	ppb
Silver	107-1	503.53	497.74	494.72	498.66	0.90	ppb
Silver	109-1	511.91	497.19	486.02	498.37	2.61	ppb
Sodium	23-2	52809.24	53065.65	52283.41	52719.43	0.76	ppb
Strontium	86-1	509.87	507.21	508.92	508.67	0.26	ppb
Strontium	88-1	511.31	501.37	502.98	505.22	1.06	ppb
Sulfur	34-1	10291.60	10074.25	9794.65	10053.50	2.48	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	488.36	487.70	490.52	488.86	0.30	ppb
Thallium	205-1	502.91	490.63	503.36	498.97	1.45	ppb
Thorium	232-1	505.07	502.57	490.22	499.29	1.59	ppb
Tin	118-1	517.18	510.52	503.02	510.24	1.39	ppb
Titanium	47-1	2613.80	2596.78	2557.52	2589.36	1.11	ppb
Uranium	238-1	515.53	497.64	492.35	501.84	2.42	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 14:19:11	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	509.55	508.27	498.46	505.43	1.20	ppb
Yttrium	89-1				94		%
Yttrium	89-2				92		%
Zinc	66-2	5032.99	5019.11	4972.95	5008.35	0.63	ppb
Zirconium	91-1	512.00	501.30	507.26	506.85	1.06	ppb
Zirconium	90-1	508.60	501.09	506.82	505.51	0.78	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 14:22:27	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22044.05	22169.80	22038.26	22084.04	0.34	ppb
Antimony	121-1	994.63	984.76	999.43	992.94	0.75	ppb
Arsenic	75-2	990.77	1011.64	987.96	996.79	1.30	ppb
Barium	135-1	4916.52	4945.58	5110.38	4990.83	2.09	ppb
Barium	137-1	4963.41	4952.63	5065.99	4994.01	1.25	ppb
Beryllium	9-1	993.21	994.97	998.23	995.47	0.26	ppb
Bismuth	209-1				95		%
Bismuth	209-2				86		%
Boron	11-1	981.14	1002.44	1020.06	1001.21	1.95	ppb
Boron	10-1	986.99	996.08	1021.28	1001.45	1.77	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	996.34	998.64	1036.57	1010.52	2.24	ppb
Cadmium	108-1	991.34	1005.11	1027.02	1007.82	1.79	ppb
Cadmium	111-1	996.29	1004.54	1024.21	1008.34	1.42	ppb
Calcium	43-1	107290.06	108574.27	109254.62	108372.99	0.92	ppb
Calcium	44-1	99294.27	99785.08	100388.84	99822.73	0.55	ppb
Chromium	52-2	992.88	1003.16	986.56	994.20	0.84	ppb
Cobalt	59-2	974.66	1005.88	982.98	987.84	1.64	ppb
Copper	63-2	9936.73	10129.95	9891.75	9986.14	1.27	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				95		%
Indium	115-2				91		%
Iron	56-2	55582.96	55116.75	54900.11	55199.94	0.63	ppb
Iron	57-2	57140.28	58036.45	57400.91	57525.88	0.80	ppb
Iron	54-2	55388.24	56571.54	56167.51	56042.43	1.07	ppb
Krypton	83-1						cps
Lead	206-1	4985.97	4952.05	5001.58	4979.87	0.51	ppb
Lead	207-1	4990.62	5028.82	4968.32	4995.92	0.61	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 14:22:27	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	4939.70	5035.69	4994.86	4990.08	0.97	ppb
Lithium	6-1				88		%
Magnesium	24-2	103575.73	104309.66	103193.49	103692.96	0.55	ppb
Manganese	55-2	10039.04	9960.68	9925.74	9975.15	0.58	ppb
Molybdenum	94-1	4936.00	4999.98	5021.16	4985.71	0.89	ppb
Molybdenum	95-1	4975.36	5008.04	4964.01	4982.47	0.46	ppb
Molybdenum	96-1	4924.58	5003.52	5014.58	4980.90	0.99	ppb
Molybdenum	97-1	4921.96	5020.19	4988.47	4976.88	1.01	ppb
Molybdenum	98-1	4954.69	5009.10	5008.50	4990.76	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	986.19	1003.05	982.12	990.46	1.12	ppb
Phosphorus	31-2	19851.85	20128.20	19821.90	19933.98	0.85	ppb
Potassium	39-2	51903.24	52707.24	51872.42	52160.97	0.91	ppb
Rhodium	103-1				90		%
Rhodium	103-2				91		%
Scandium	45-1				92		%
Scandium	45-2				90		%
Selenium	82-1	984.44	989.77	994.44	989.55	0.51	ppb
Selenium	77-2	1026.28	986.27	980.15	997.57	2.51	ppb
Selenium	78-2	988.48	999.73	984.38	990.86	0.80	ppb
Silicon	28-1	958.37	990.78	1017.22	988.79	2.98	ppb
Silver	107-1	985.10	987.92	1017.30	996.77	1.79	ppb
Silver	109-1	988.71	995.78	1005.00	996.50	0.82	ppb
Sodium	23-2	104383.64	104644.13	103529.19	104185.65	0.56	ppb
Strontium	86-1	987.08	999.58	998.41	995.02	0.69	ppb
Strontium	88-1	991.28	998.33	1001.98	997.20	0.55	ppb
Sulfur	34-1	19541.53	19912.99	20365.85	19940.12	2.07	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	1004.88	1003.95	1018.12	1008.98	0.79	ppb
Thallium	205-1	999.19	997.41	1010.22	1002.27	0.69	ppb
Thorium	232-1	991.47	1015.39	1007.40	1004.75	1.21	ppb
Tin	118-1	992.26	985.96	1000.76	992.99	0.75	ppb
Titanium	47-1	4884.01	4961.87	4988.09	4944.66	1.09	ppb
Uranium	238-1	1001.94	1000.86	1004.13	1002.31	0.17	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 14:22:27	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	992.81	1007.01	994.93	998.25	0.77	ppb
Yttrium	89-1				96		%
Yttrium	89-2				94		%
Zinc	66-2	10017.48	10060.00	9924.08	10000.52	0.70	ppb
Zirconium	91-1	988.69	996.84	1003.72	996.42	0.76	ppb
Zirconium	90-1	984.65	1000.49	998.95	994.70	0.88	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 14:25:42	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98945.91	101349.76	97954.04	99416.57	1.76	ppb
Antimony	121-1	0.70	0.68	0.64	0.67	4.26	ppb
Arsenic	75-2	0.37	0.33	0.38	0.36	7.44	ppb
Barium	135-1	9.01	8.81	8.77	8.86	1.50	ppb
Barium	137-1	9.01	9.11	8.58	8.90	3.15	ppb
Beryllium	9-1	0.10	0.10	0.11	0.10	5.38	ppb
Bismuth	209-1				82		%
Bismuth	209-2				75		%
Boron	11-1	46.30	42.62	41.54	43.49	5.75	ppb
Boron	10-1	43.67	40.91	37.74	40.77	7.29	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	0.01	0.37	0.97	0.45	108.36	ppb
Cadmium	108-1	0.77	0.75	0.73	0.75	2.69	ppb
Cadmium	111-1	0.42	0.35	0.45	0.41	13.33	ppb
Calcium	43-1	504227.74	494237.90	494403.37	497623.00	1.15	ppb
Calcium	44-1	502588.72	500237.30	497211.36	500012.46	0.54	ppb
Chromium	52-2	2.20	2.37	2.14	2.24	5.30	ppb
Cobalt	59-2	1.94	1.98	1.90	1.94	1.88	ppb
Copper	63-2	1.67	1.57	1.65	1.63	3.22	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				95		%
Indium	115-1				90		%
Indium	115-2				91		%
Iron	56-2	251631.64	249876.65	244193.01	248567.10	1.56	ppb
Iron	57-2	248176.11	249912.45	245616.88	247901.81	0.87	ppb
Iron	54-2	250870.93	249989.25	243713.70	248191.29	1.57	ppb
Krypton	83-1						cps
Lead	206-1	1.13	1.16	1.18	1.16	2.21	ppb
Lead	207-1	1.05	1.09	1.08	1.07	2.32	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 14:25:42	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	1.10	1.14	1.13	1.12	2.20	ppb
Lithium	6-1				87		%
Magnesium	24-2	502945.62	505791.99	487875.57	498871.06	1.93	ppb
Manganese	55-2	7.57	7.53	7.46	7.52	0.75	ppb
Molybdenum	94-1	1.41	1.35	1.35	1.37	2.44	ppb
Molybdenum	95-1	1.27	1.26	1.28	1.27	0.82	ppb
Molybdenum	96-1	3.06	3.06	2.99	3.04	1.33	ppb
Molybdenum	97-1	1.24	1.23	1.21	1.23	1.21	ppb
Molybdenum	98-1	1.15	1.11	1.08	1.12	3.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.99	1.94	1.91	1.95	2.08	ppb
Phosphorus	31-2	6.37	15.00	8.93	10.10	43.86	ppb
Potassium	39-2	248903.40	253989.59	245282.51	249391.83	1.75	ppb
Rhodium	103-1				84		%
Rhodium	103-2				87		%
Scandium	45-1				94		%
Scandium	45-2				95		%
Selenium	82-1	0.80	1.03	1.00	0.94	13.13	ppb
Selenium	77-2	0.38	-0.07	-0.07	0.08	327.17	ppb
Selenium	78-2	0.28	0.72	0.29	0.43	57.19	ppb
Silicon	28-1	42.54	40.49	39.70	40.91	3.58	ppb
Silver	107-1	0.49	0.48	0.44	0.47	6.08	ppb
Silver	109-1	0.47	0.48	0.48	0.48	1.63	ppb
Sodium	23-2	499509.09	500589.74	496323.91	498807.58	0.44	ppb
Strontium	86-1	5.21	5.37	5.45	5.34	2.22	ppb
Strontium	88-1	5.52	5.46	5.51	5.50	0.58	ppb
Sulfur	34-1	-901.49	-1046.99	-956.81	-968.43		ppb
Terbium	159-1				96		%
Terbium	159-2				95		%
Thallium	203-1	0.31	0.26	0.22	0.26	17.06	ppb
Thallium	205-1	0.28	0.28	0.22	0.26	13.69	ppb
Thorium	232-1	0.14	0.13	0.12	0.13	5.91	ppb
Tin	118-1	0.30	0.32	0.27	0.30	8.39	ppb
Titanium	47-1	0.61	0.50	0.59	0.57	10.52	ppb
Uranium	238-1	0.11	0.12	0.11	0.11	3.42	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 14:25:42	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.13	0.16	0.15	0.15	10.95	ppb
Yttrium	89-1				95		%
Yttrium	89-2				96		%
Zinc	66-2	18.62	18.76	18.10	18.49	1.89	ppb
Zirconium	91-1	0.22	0.26	0.27	0.25	9.26	ppb
Zirconium	90-1	0.27	0.25	0.26	0.26	4.43	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 15:00:08	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	570.48	534.73	483.56	529.59	8.25	ppb
Antimony	121-1	203.80	205.93	201.01	203.58	1.21	ppb
Arsenic	75-2	207.25	194.82	181.44	194.50	6.64	ppb
Barium	135-1	103.74	104.27	103.08	103.70	0.57	ppb
Barium	137-1	102.41	101.93	101.34	101.89	0.52	ppb
Beryllium	9-1	101.60	101.90	100.12	101.21	0.94	ppb
Bismuth	209-1				95		%
Bismuth	209-2				86		%
Boron	11-1	550.65	553.33	558.04	554.01	0.68	ppb
Boron	10-1	538.52	537.29	543.17	539.66	0.57	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	179.11	176.92	177.11	177.71	0.68	ppb
Cadmium	108-1	157.62	164.85	157.80	160.09	2.57	ppb
Cadmium	111-1	106.75	107.42	104.53	106.23	1.43	ppb
Calcium	43-1	2376.89	2373.54	2384.82	2378.42	0.24	ppb
Calcium	44-1	2181.47	2157.00	2179.86	2172.78	0.63	ppb
Chromium	52-2	99.82	94.28	84.75	92.95	8.20	ppb
Cobalt	59-2	104.32	99.07	89.50	97.63	7.69	ppb
Copper	63-2	106.56	100.71	91.58	99.62	7.58	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				95		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	56-2	2175.25	2012.78	1832.21	2006.74	8.55	ppb
Iron	57-2	2272.11	2144.23	1915.69	2110.67	8.55	ppb
Iron	54-2	2437.78	2262.90	2043.47	2248.05	8.79	ppb
Krypton	83-1						cps
Lead	206-1	203.39	206.28	207.22	205.63	0.97	ppb
Lead	207-1	188.37	190.93	191.35	190.22	0.85	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 15:00:08	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	196.88	199.12	198.28	198.09	0.57	ppb
Lithium	6-1				94		%
Magnesium	24-2	1353.92	1248.07	1170.76	1257.58	7.31	ppb
Manganese	55-2	118.24	111.59	101.61	110.48	7.58	ppb
Molybdenum	94-1	2499.57	2472.21	2439.87	2470.55	1.21	ppb
Molybdenum	95-1	2573.27	2524.47	2493.30	2530.35	1.59	ppb
Molybdenum	96-1	2525.32	2538.38	2502.57	2522.09	0.72	ppb
Molybdenum	97-1	2512.07	2518.33	2487.60	2506.00	0.65	ppb
Molybdenum	98-1	2525.50	2540.66	2504.76	2523.64	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.06	98.16	88.88	97.37	8.34	ppb
Phosphorus	31-2	0.92	10.65	3.98	5.18	96.00	ppb
Potassium	39-2	2214.16	2152.40	2084.31	2150.29	3.02	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				94		%
Scandium	45-2				91		%
Selenium	82-1	211.28	206.14	204.11	207.18	1.78	ppb
Selenium	77-2	214.04	204.54	188.36	202.32	6.42	ppb
Selenium	78-2	207.82	201.03	187.95	198.93	5.08	ppb
Silicon	28-1	386.07	380.52	383.18	383.26	0.73	ppb
Silver	107-1	52.80	53.26	51.90	52.65	1.31	ppb
Silver	109-1	52.01	53.20	52.00	52.40	1.32	ppb
Sodium	23-2	2315.45	2226.70	2114.70	2218.95	4.53	ppb
Strontium	86-1	470.27	461.65	461.83	464.58	1.06	ppb
Strontium	88-1	467.92	458.13	458.36	461.47	1.21	ppb
Sulfur	34-1	-702.57	-958.49	-899.07	-853.38		ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	197.71	207.24	203.70	202.88	2.37	ppb
Thallium	205-1	197.36	201.99	201.64	200.33	1.29	ppb
Thorium	232-1	453.64	445.02	455.37	451.34	1.23	ppb
Tin	118-1	479.67	483.32	475.25	479.41	0.84	ppb
Titanium	47-1	2541.09	2569.99	2574.64	2561.91	0.71	ppb
Uranium	238-1	440.28	454.50	444.47	446.42	1.64	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 15:00:08	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	104.70	98.70	89.77	97.72	7.68	ppb
Yttrium	89-1				96		%
Yttrium	89-2				93		%
Zinc	66-2	203.51	192.12	176.63	190.75	7.07	ppb
Zirconium	91-1	468.24	461.99	465.96	465.40	0.68	ppb
Zirconium	90-1	466.79	463.40	464.73	464.97	0.37	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 15:15:11	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.87	21.06	19.04	20.99	9.12	ppb
Antimony	121-1	1.99	2.01	2.05	2.02	1.53	ppb
Arsenic	75-2	0.93	0.89	0.92	0.91	2.32	ppb
Barium	135-1	9.84	9.74	9.69	9.75	0.77	ppb
Barium	137-1	9.75	10.12	9.79	9.89	2.04	ppb
Beryllium	9-1	0.89	1.04	0.93	0.95	7.89	ppb
Bismuth	209-1				95		%
Bismuth	209-2				90		%
Boron	11-1	26.45	27.04	27.61	27.03	2.14	ppb
Boron	10-1	24.19	24.55	25.86	24.87	3.53	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	-0.76	-1.59	-3.87	-2.07		ppb
Cadmium	108-1	1.05	1.08	0.86	1.00	11.80	ppb
Cadmium	111-1	0.96	0.90	0.77	0.88	10.87	ppb
Calcium	43-1	492.61	493.24	500.49	495.45	0.88	ppb
Calcium	44-1	513.68	506.53	516.41	512.21	1.00	ppb
Chromium	52-2	1.86	1.82	1.74	1.81	3.20	ppb
Cobalt	59-2	0.97	0.90	0.89	0.92	4.74	ppb
Copper	63-2	2.17	1.95	1.87	1.99	7.74	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				95		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	55.65	52.92	49.76	52.78	5.58	ppb
Iron	57-2	56.16	51.84	54.18	54.06	4.00	ppb
Iron	54-2	54.87	53.63	53.32	53.94	1.52	ppb
Krypton	83-1						cps
Lead	206-1	0.87	0.85	0.87	0.86	1.45	ppb
Lead	207-1	0.80	0.85	0.79	0.81	4.39	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 15:15:11	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.83	0.85	0.85	0.85	1.27	ppb
Lithium	6-1				96		%
Magnesium	24-2	533.36	519.62	482.17	511.71	5.18	ppb
Manganese	55-2	0.97	0.94	0.89	0.93	4.10	ppb
Molybdenum	94-1	4.88	4.91	4.79	4.86	1.31	ppb
Molybdenum	95-1	5.16	5.01	5.02	5.06	1.63	ppb
Molybdenum	96-1	4.94	5.16	4.91	5.01	2.72	ppb
Molybdenum	97-1	4.86	4.92	5.01	4.93	1.55	ppb
Molybdenum	98-1	4.87	5.07	4.97	4.97	1.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.10	0.89	1.00	1.00	10.62	ppb
Phosphorus	31-2	2.75	2.15	8.80	4.57	80.54	ppb
Potassium	39-2	535.58	528.09	504.05	522.58	3.15	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	82-1	5.31	5.27	5.43	5.34	1.55	ppb
Selenium	77-2	4.37	4.44	3.98	4.26	5.80	ppb
Selenium	78-2	5.16	4.37	4.93	4.82	8.36	ppb
Silicon	28-1	9.72	9.50	10.26	9.83	3.99	ppb
Silver	107-1	1.06	1.04	1.05	1.05	0.85	ppb
Silver	109-1	1.07	1.09	1.07	1.08	1.20	ppb
Sodium	23-2	562.76	540.68	523.17	542.20	3.66	ppb
Strontium	86-1	1.08	0.98	0.98	1.01	5.69	ppb
Strontium	88-1	0.97	0.99	0.97	0.98	1.24	ppb
Sulfur	34-1	-389.75	-325.55	-408.95	-374.75		ppb
Terbium	159-1				96		%
Terbium	159-2				95		%
Thallium	203-1	0.90	0.89	0.87	0.89	1.43	ppb
Thallium	205-1	0.87	0.89	0.89	0.88	1.15	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	17.60	ppb
Tin	118-1	4.95	5.12	4.86	4.98	2.65	ppb
Titanium	47-1	4.54	4.77	4.62	4.65	2.52	ppb
Uranium	238-1	0.80	0.79	0.81	0.80	1.10	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 15:15:11	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.68	4.47	4.11	4.42	6.57	ppb
Yttrium	89-1				98		%
Yttrium	89-2				95		%
Zinc	66-2	2.26	2.18	2.73	2.39	12.39	ppb
Zirconium	91-1	0.95	0.96	0.89	0.93	4.02	ppb
Zirconium	90-1	0.95	0.95	0.96	0.95	0.59	ppb

LB Number : lb111461 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 15:18:42 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.28	0.22	-0.13	-0.06		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	23.53	ppb
Arsenic	75-2	0.00	0.00	-0.01	0.00		ppb
Barium	135-1	0.01	-0.01	0.00	0.00		ppb
Barium	137-1	0.01	0.01	0.00	0.01	89.70	ppb
Beryllium	9-1	-0.01	0.00	0.01	0.00	862.16	ppb
Bismuth	209-1				95		%
Bismuth	209-2				88		%
Boron	11-1	4.62	4.35	4.77	4.58	4.67	ppb
Boron	10-1	4.80	3.63	4.82	4.42	15.48	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	-2.23	-2.60	-1.46	-2.10		ppb
Cadmium	108-1	0.07	0.02	-0.01	0.03	140.29	ppb
Cadmium	111-1	-0.18	-0.20	-0.10	-0.16		ppb
Calcium	43-1	1.09	0.69	-0.58	0.40	216.24	ppb
Calcium	44-1	3.03	3.80	2.89	3.24	15.09	ppb
Chromium	52-2	0.01	0.00	0.01	0.01	69.17	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	145.41	ppb
Copper	63-2	0.01	0.00	-0.04	-0.01		ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				94		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	0.00	0.02	0.05	0.02	95.34	ppb
Iron	57-2	-1.40	-0.53	-0.25	-0.73		ppb
Iron	54-2	0.09	1.07	0.55	0.57	86.25	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.03	0.03	5.31	ppb
Lead	207-1	0.02	0.03	0.04	0.03	20.17	ppb

LB Number : lb111461 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 15:18:42 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.03	0.03	0.03	0.03	4.21	ppb
Lithium	6-1				97		%
Magnesium	24-2	0.00	0.15	0.25	0.13	92.61	ppb
Manganese	55-2	0.01	0.01	0.01	0.01	22.08	ppb
Molybdenum	94-1	0.01	0.02	0.02	0.02	50.89	ppb
Molybdenum	95-1	0.03	0.03	0.01	0.02	36.58	ppb
Molybdenum	96-1	0.03	0.02	0.02	0.02	13.77	ppb
Molybdenum	97-1	0.01	0.04	0.03	0.02	50.70	ppb
Molybdenum	98-1	0.02	0.01	0.03	0.02	45.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.01	0.00	243.86	ppb
Phosphorus	31-2	-0.83	-0.72	5.07	1.17	287.58	ppb
Potassium	39-2	8.72	3.31	3.66	5.23	57.94	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	82-1	-0.26	-0.19	-0.26	-0.23		ppb
Selenium	77-2	-0.07	-0.07	-0.07	-0.07		ppb
Selenium	78-2	0.88	0.23	-0.27	0.28	205.95	ppb
Silicon	28-1	2.85	1.20	2.58	2.21	39.95	ppb
Silver	107-1	0.00	0.00	0.00	0.00	183.80	ppb
Silver	109-1	0.00	0.00	0.00	0.00	84.63	ppb
Sodium	23-2	11.49	10.99	8.70	10.39	14.34	ppb
Strontium	86-1	0.02	-0.01	0.01	0.01	256.89	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	40.72	ppb
Sulfur	34-1	16.31	-312.79	57.23	-79.75		ppb
Terbium	159-1				97		%
Terbium	159-2				94		%
Thallium	203-1	0.01	0.01	0.01	0.01	30.35	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	35.40	ppb
Thorium	232-1	0.01	0.02	0.01	0.01	23.29	ppb
Tin	118-1	0.04	0.04	0.16	0.08	83.83	ppb
Titanium	47-1	0.01	0.01	0.04	0.02	81.96	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	37.04	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 15:18:42	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	89.23	ppb
Yttrium	89-1				97		%
Yttrium	89-2				95		%
Zinc	66-2	0.09	0.56	0.93	0.53	80.20	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	16.51	ppb

LB Number : lb111461 Operator : JASWAL
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 15:22:13 DataFile Name : 016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100435.74	96342.27	94020.68	96932.90	3.35	ppb
Antimony	121-1	1.15	1.13	1.23	1.17	4.49	ppb
Arsenic	75-2	0.33	0.38	0.33	0.34	8.13	ppb
Barium	135-1	1.45	1.38	1.36	1.40	3.44	ppb
Barium	137-1	1.43	1.34	1.40	1.39	3.09	ppb
Beryllium	9-1	0.31	0.28	0.29	0.29	4.79	ppb
Bismuth	209-1				89		%
Bismuth	209-2				80		%
Boron	11-1	4.89	4.73	4.51	4.71	4.01	ppb
Boron	10-1	4.96	4.58	4.27	4.60	7.53	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	-3.50	-3.05	-4.52	-3.69		ppb
Cadmium	108-1	14.46	15.11	13.40	14.32	6.04	ppb
Cadmium	111-1	0.20	0.21	0.24	0.22	9.30	ppb
Calcium	43-1	101817.11	103592.55	102304.31	102571.32	0.89	ppb
Calcium	44-1	94295.30	96068.08	95796.92	95386.77	1.00	ppb
Chromium	52-2	19.27	18.83	18.28	18.80	2.63	ppb
Cobalt	59-2	1.20	1.18	1.17	1.18	1.24	ppb
Copper	63-2	7.47	7.51	7.29	7.42	1.59	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				96		%
Indium	115-1				94		%
Indium	115-2				92		%
Iron	56-2	105667.58	104362.59	102504.91	104178.36	1.53	ppb
Iron	57-2	105497.72	100276.09	98739.09	101504.30	3.49	ppb
Iron	54-2	106318.37	104622.40	101348.64	104096.47	2.43	ppb
Krypton	83-1						cps
Lead	206-1	6.14	6.40	6.33	6.29	2.10	ppb
Lead	207-1	5.54	5.68	5.67	5.63	1.40	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 15:22:13	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	5.77	5.95	5.86	5.86	1.57	ppb
Lithium	6-1				90		%
Magnesium	24-2	99554.12	96803.48	94033.61	96797.07	2.85	ppb
Manganese	55-2	7.99	7.71	7.66	7.79	2.25	ppb
Molybdenum	94-1	1309.30	1297.69	1291.60	1299.53	0.69	ppb
Molybdenum	95-1	1877.86	1898.83	1864.48	1880.39	0.92	ppb
Molybdenum	96-1	1806.75	1829.28	1785.21	1807.08	1.22	ppb
Molybdenum	97-1	1894.93	1919.06	1811.96	1875.32	3.00	ppb
Molybdenum	98-1	1887.36	1890.35	1838.96	1872.22	1.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.19	5.26	5.09	5.18	1.72	ppb
Phosphorus	31-2	96821.85	94114.91	91744.54	94227.10	2.70	ppb
Potassium	39-2	100666.22	98390.72	96270.57	98442.50	2.23	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				95		%
Scandium	45-2				92		%
Selenium	82-1	0.02	0.02	0.20	0.08	133.71	ppb
Selenium	77-2	-0.07	-0.07	-0.07	-0.07		ppb
Selenium	78-2	0.57	0.32	0.05	0.32	82.13	ppb
Silicon	28-1	17.72	19.46	19.92	19.03	6.11	ppb
Silver	107-1	0.04	0.04	0.04	0.04	8.00	ppb
Silver	109-1	0.02	0.04	0.03	0.03	21.98	ppb
Sodium	23-2	104148.86	101062.16	98497.45	101236.16	2.80	ppb
Strontium	86-1	33.23	33.20	32.58	33.00	1.11	ppb
Strontium	88-1	33.53	34.10	33.61	33.75	0.92	ppb
Sulfur	34-1	89289.32	92809.31	92514.43	91537.69	2.13	ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	0.29	0.29	0.37	0.32	14.23	ppb
Thallium	205-1	0.28	0.30	0.36	0.31	13.30	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	11.31	ppb
Tin	118-1	0.19	0.19	0.22	0.20	10.29	ppb
Titanium	47-1	1944.03	1994.00	1970.85	1969.63	1.27	ppb
Uranium	238-1	0.01	0.02	0.02	0.02	19.42	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 15:22:13	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.17	0.18	0.17	0.17	4.18	ppb
Yttrium	89-1				97		%
Yttrium	89-2				95		%
Zinc	66-2	10.61	10.94	10.75	10.77	1.57	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	36.55	ppb
Zirconium	90-1	0.01	0.02	0.01	0.02	53.97	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 15:25:38	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96606.46	94303.37	88468.43	93126.09	4.50	ppb
Antimony	121-1	20.87	20.95	21.54	21.12	1.75	ppb
Arsenic	75-2	20.03	19.87	18.46	19.45	4.43	ppb
Barium	135-1	21.06	21.42	21.10	21.19	0.94	ppb
Barium	137-1	21.20	21.37	21.31	21.29	0.40	ppb
Beryllium	9-1	20.11	20.02	19.99	20.04	0.33	ppb
Bismuth	209-1				91		%
Bismuth	209-2				81		%
Boron	11-1	58.40	58.67	58.91	58.66	0.44	ppb
Boron	10-1	55.92	57.65	56.29	56.62	1.61	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	21.54	24.31	23.81	23.22	6.37	ppb
Cadmium	108-1	36.10	34.48	36.96	35.85	3.50	ppb
Cadmium	111-1	19.28	19.82	19.50	19.53	1.40	ppb
Calcium	43-1	99974.86	101707.08	100245.08	100642.34	0.93	ppb
Calcium	44-1	93420.45	93505.93	93195.97	93374.11	0.17	ppb
Chromium	52-2	38.07	36.74	34.50	36.44	4.94	ppb
Cobalt	59-2	20.59	20.22	18.88	19.89	4.51	ppb
Copper	63-2	26.65	26.41	24.58	25.88	4.36	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	104549.89	101067.26	94087.28	99901.48	5.33	ppb
Iron	57-2	102257.34	100368.83	93521.69	98715.95	4.66	ppb
Iron	54-2	103387.31	100741.44	94774.46	99634.40	4.43	ppb
Krypton	83-1						cps
Lead	206-1	23.81	23.79	23.91	23.84	0.28	ppb
Lead	207-1	21.72	21.56	21.93	21.73	0.87	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 15:25:38	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	22.75	22.41	22.81	22.66	0.95	ppb
Lithium	6-1				90		%
Magnesium	24-2	96828.00	93634.89	88856.15	93106.35	4.31	ppb
Manganese	55-2	26.64	26.06	24.67	25.79	3.92	ppb
Molybdenum	94-1	1408.09	1403.25	1400.50	1403.95	0.27	ppb
Molybdenum	95-1	1915.39	1892.34	1920.76	1909.50	0.79	ppb
Molybdenum	96-1	1849.20	1839.34	1864.60	1851.05	0.69	ppb
Molybdenum	97-1	1916.62	1918.17	1884.63	1906.47	0.99	ppb
Molybdenum	98-1	1921.99	1896.66	1906.53	1908.39	0.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.35	23.71	21.97	23.34	5.27	ppb
Phosphorus	31-2	94051.90	91483.95	87291.96	90942.60	3.75	ppb
Potassium	39-2	98331.12	96524.51	94841.89	96565.84	1.81	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	82-1	19.63	19.85	19.33	19.60	1.34	ppb
Selenium	77-2	18.13	20.53	17.87	18.84	7.78	ppb
Selenium	78-2	18.92	22.51	20.02	20.48	8.97	ppb
Silicon	28-1	61.61	61.31	61.68	61.54	0.32	ppb
Silver	107-1	18.92	19.27	19.39	19.19	1.29	ppb
Silver	109-1	19.11	19.18	19.47	19.25	0.99	ppb
Sodium	23-2	100865.12	99014.44	94004.43	97961.33	3.62	ppb
Strontium	86-1	87.33	85.85	85.94	86.38	0.96	ppb
Strontium	88-1	88.53	87.87	87.75	88.05	0.48	ppb
Sulfur	34-1	90193.97	91240.86	90061.28	90498.70	0.71	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	19.41	19.49	19.36	19.42	0.33	ppb
Thallium	205-1	18.78	19.42	18.99	19.06	1.69	ppb
Thorium	232-1	0.63	0.64	0.65	0.64	1.54	ppb
Tin	118-1	55.00	55.11	55.64	55.25	0.62	ppb
Titanium	47-1	1983.21	2005.16	1982.84	1990.40	0.64	ppb
Uranium	238-1	48.81	47.34	48.78	48.31	1.74	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 15:25:38	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	19.11	18.37	17.49	18.32	4.41	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	29.39	28.99	28.86	29.08	0.95	ppb
Zirconium	91-1	53.98	54.11	53.24	53.78	0.87	ppb
Zirconium	90-1	57.01	56.01	55.64	56.22	1.27	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 15:29:04	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51180.89	50587.03	49906.09	50558.01	1.26	ppb
Antimony	121-1	497.23	504.56	494.30	498.70	1.06	ppb
Arsenic	75-2	484.24	485.94	483.04	484.41	0.30	ppb
Barium	135-1	2483.41	2537.10	2474.06	2498.19	1.36	ppb
Barium	137-1	2503.20	2506.25	2473.36	2494.27	0.73	ppb
Beryllium	9-1	502.58	499.80	498.84	500.41	0.39	ppb
Bismuth	209-1				86		%
Bismuth	209-2				77		%
Boron	11-1	509.54	498.19	503.35	503.69	1.13	ppb
Boron	10-1	504.31	497.85	500.19	500.79	0.65	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	516.65	521.04	517.80	518.50	0.44	ppb
Cadmium	108-1	528.78	519.48	512.51	520.26	1.57	ppb
Cadmium	111-1	522.75	526.89	512.85	520.83	1.38	ppb
Calcium	43-1	236254.58	239314.82	236906.08	237491.83	0.68	ppb
Calcium	44-1	240298.42	243166.03	235119.64	239528.03	1.70	ppb
Chromium	52-2	486.35	486.29	474.79	482.48	1.38	ppb
Cobalt	59-2	478.66	477.07	473.03	476.25	0.61	ppb
Copper	63-2	4794.02	4725.06	4697.64	4738.91	1.05	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				95		%
Indium	115-1				93		%
Indium	115-2				90		%
Iron	56-2	127753.90	126233.44	125143.06	126376.80	1.04	ppb
Iron	57-2	126608.55	124050.08	122417.79	124358.81	1.70	ppb
Iron	54-2	127728.29	127400.10	125820.54	126982.98	0.80	ppb
Krypton	83-1						cps
Lead	206-1	2556.90	2573.98	2543.07	2557.98	0.61	ppb
Lead	207-1	2550.89	2511.16	2505.01	2522.35	0.99	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 15:29:04	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	2542.29	2536.71	2519.26	2532.75	0.47	ppb
Lithium	6-1				87		%
Magnesium	24-2	255754.33	255952.40	253250.99	254985.91	0.59	ppb
Manganese	55-2	4916.19	4802.62	4867.23	4862.01	1.17	ppb
Molybdenum	94-1	2497.16	2496.89	2472.84	2488.96	0.56	ppb
Molybdenum	95-1	2504.51	2516.03	2481.27	2500.60	0.71	ppb
Molybdenum	96-1	2518.57	2514.50	2450.96	2494.68	1.52	ppb
Molybdenum	97-1	2467.84	2491.38	2436.12	2465.11	1.12	ppb
Molybdenum	98-1	2492.99	2514.34	2459.77	2489.03	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	466.45	463.21	454.60	461.42	1.33	ppb
Phosphorus	31-2	9798.33	9842.99	9925.42	9855.58	0.65	ppb
Potassium	39-2	129485.79	128183.24	125885.93	127851.65	1.43	ppb
Rhodium	103-1				89		%
Rhodium	103-2				89		%
Scandium	45-1				95		%
Scandium	45-2				93		%
Selenium	82-1	467.82	473.34	470.91	470.69	0.59	ppb
Selenium	77-2	465.37	458.58	453.66	459.20	1.28	ppb
Selenium	78-2	471.09	471.37	471.76	471.41	0.07	ppb
Silicon	28-1	535.18	543.47	542.22	540.29	0.83	ppb
Silver	107-1	504.51	508.51	502.18	505.07	0.63	ppb
Silver	109-1	504.13	509.08	493.38	502.20	1.60	ppb
Sodium	23-2	253756.10	255742.15	248610.05	252702.77	1.46	ppb
Strontium	86-1	492.30	492.19	488.54	491.01	0.44	ppb
Strontium	88-1	495.74	499.32	497.19	497.42	0.36	ppb
Sulfur	34-1	8228.39	8246.27	8191.52	8222.06	0.34	ppb
Terbium	159-1				97		%
Terbium	159-2				94		%
Thallium	203-1	493.47	490.45	485.49	489.80	0.82	ppb
Thallium	205-1	510.09	507.20	500.69	506.00	0.95	ppb
Thorium	232-1	506.35	502.83	503.75	504.31	0.36	ppb
Tin	118-1	503.31	506.01	498.29	502.54	0.78	ppb
Titanium	47-1	2497.32	2474.26	2472.14	2481.24	0.56	ppb
Uranium	238-1	519.09	497.65	498.90	505.21	2.38	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 15:29:04	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	495.66	491.28	480.38	489.11	1.61	ppb
Yttrium	89-1				97		%
Yttrium	89-2				95		%
Zinc	66-2	5080.88	5102.77	5025.28	5069.64	0.79	ppb
Zirconium	91-1	494.86	497.49	498.05	496.80	0.34	ppb
Zirconium	90-1	497.97	495.33	497.96	497.09	0.31	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 15:42:58	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.96	1.80	1.48	1.75	13.96	ppb
Antimony	121-1	0.04	0.04	0.03	0.04	15.22	ppb
Arsenic	75-2	0.03	0.02	0.02	0.02	14.22	ppb
Barium	135-1	0.05	0.03	0.02	0.03	58.88	ppb
Barium	137-1	0.04	0.02	0.01	0.02	66.05	ppb
Beryllium	9-1	0.02	0.02	0.01	0.02	60.02	ppb
Bismuth	209-1				95		%
Bismuth	209-2				91		%
Boron	11-1	5.27	5.30	5.17	5.25	1.29	ppb
Boron	10-1	5.37	4.93	4.98	5.09	4.67	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	-3.91	-2.53	-2.74	-3.06		ppb
Cadmium	108-1	-0.02	0.02	0.01	0.00	1300.84	ppb
Cadmium	111-1	-0.30	-0.19	-0.21	-0.23		ppb
Calcium	43-1	5.78	4.12	4.10	4.66	20.69	ppb
Calcium	44-1	6.91	8.68	8.19	7.93	11.52	ppb
Chromium	52-2	0.00	0.01	0.01	0.01	100.77	ppb
Cobalt	59-2	0.01	0.00	0.01	0.00	37.64	ppb
Copper	63-2	0.04	0.07	0.05	0.05	30.11	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				96		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	2.40	2.57	2.44	2.47	3.67	ppb
Iron	57-2	2.03	1.55	-0.09	1.16	95.46	ppb
Iron	54-2	2.67	3.38	2.20	2.75	21.62	ppb
Krypton	83-1						cps
Lead	206-1	0.29	0.33	0.31	0.31	6.25	ppb
Lead	207-1	0.30	0.29	0.29	0.29	1.77	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 15:42:58	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.30	0.31	0.30	0.30	2.64	ppb
Lithium	6-1				93		%
Magnesium	24-2	3.72	4.13	4.31	4.05	7.55	ppb
Manganese	55-2	0.06	0.05	0.06	0.06	8.94	ppb
Molybdenum	94-1	0.07	0.05	0.06	0.06	20.45	ppb
Molybdenum	95-1	0.05	0.05	0.07	0.06	14.69	ppb
Molybdenum	96-1	0.07	0.06	0.06	0.06	6.37	ppb
Molybdenum	97-1	0.06	0.08	0.07	0.07	15.26	ppb
Molybdenum	98-1	0.06	0.06	0.07	0.06	4.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	0.02	0.01	58.40	ppb
Phosphorus	31-2	2.22	1.44	-0.82	0.95	166.28	ppb
Potassium	39-2	10.93	19.09	8.89	12.97	41.59	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	-0.01	-0.04	0.03	-0.01		ppb
Selenium	77-2	-0.07	-0.07	-0.07	-0.07		ppb
Selenium	78-2	0.05	0.53	0.04	0.21	134.28	ppb
Silicon	28-1	-1.46	0.37	-0.46	-0.51		ppb
Silver	107-1	0.01	0.01	0.01	0.01	10.71	ppb
Silver	109-1	0.01	0.01	0.01	0.01	21.29	ppb
Sodium	23-2	26.00	27.80	26.38	26.72	3.56	ppb
Strontium	86-1	0.01	0.02	0.02	0.02	15.97	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	40.12	ppb
Sulfur	34-1	-1083.78	-943.78	-937.77	-988.44		ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	0.11	0.11	0.12	0.11	2.29	ppb
Thallium	205-1	0.11	0.10	0.12	0.11	9.58	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	27.81	ppb
Tin	118-1	0.03	0.02	0.03	0.02	17.39	ppb
Titanium	47-1	0.05	0.05	0.04	0.05	15.32	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	7.16	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 15:42:58	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.01	0.01	0.01	29.86	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	0.10	0.43	0.58	0.37	66.22	ppb
Zirconium	91-1	0.01	-0.01	0.01	0.00	193.77	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	59.01	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 15:46:27	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.24	20.86	20.54	21.88	9.38	ppb
Antimony	121-1	2.06	2.09	2.06	2.07	0.84	ppb
Arsenic	75-2	0.99	0.96	0.94	0.96	2.41	ppb
Barium	135-1	9.99	9.91	10.00	9.97	0.51	ppb
Barium	137-1	10.04	10.22	9.93	10.07	1.46	ppb
Beryllium	9-1	1.07	1.02	1.01	1.03	3.08	ppb
Bismuth	209-1				95		%
Bismuth	209-2				91		%
Boron	11-1	26.67	27.57	27.11	27.12	1.65	ppb
Boron	10-1	25.35	26.59	25.85	25.93	2.41	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	-0.26	-3.58	-1.25	-1.70		ppb
Cadmium	108-1	1.01	1.13	1.18	1.11	8.15	ppb
Cadmium	111-1	0.99	0.75	0.91	0.88	14.16	ppb
Calcium	43-1	515.16	519.54	523.25	519.31	0.78	ppb
Calcium	44-1	531.53	525.94	523.81	527.10	0.76	ppb
Chromium	52-2	1.93	1.85	1.72	1.83	5.78	ppb
Cobalt	59-2	0.97	0.94	0.91	0.94	3.27	ppb
Copper	63-2	2.13	2.00	1.96	2.03	4.41	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				97		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	57.55	55.05	51.03	54.55	6.03	ppb
Iron	57-2	57.20	56.28	51.18	54.89	5.91	ppb
Iron	54-2	59.18	59.43	51.39	56.66	8.07	ppb
Krypton	83-1						cps
Lead	206-1	1.04	1.06	1.08	1.06	2.24	ppb
Lead	207-1	1.02	1.02	0.96	1.00	3.03	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 15:46:27	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	1.04	1.03	1.03	1.03	0.48	ppb
Lithium	6-1				93		%
Magnesium	24-2	545.96	522.98	482.68	517.21	6.19	ppb
Manganese	55-2	1.04	0.95	0.91	0.97	6.74	ppb
Molybdenum	94-1	4.95	4.99	5.05	5.00	1.04	ppb
Molybdenum	95-1	5.14	4.93	5.16	5.08	2.47	ppb
Molybdenum	96-1	5.08	5.15	5.09	5.11	0.69	ppb
Molybdenum	97-1	5.00	4.78	5.13	4.97	3.58	ppb
Molybdenum	98-1	5.10	5.10	4.95	5.05	1.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.04	1.03	0.95	1.01	5.00	ppb
Phosphorus	31-2	1.18	-0.11	2.68	1.25	111.76	ppb
Potassium	39-2	552.61	547.35	528.46	542.81	2.34	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	5.15	4.80	4.88	4.94	3.76	ppb
Selenium	77-2	4.97	3.73	6.66	5.12	28.71	ppb
Selenium	78-2	5.48	4.72	4.79	5.00	8.45	ppb
Silicon	28-1	7.97	8.19	7.71	7.96	3.00	ppb
Silver	107-1	1.03	1.04	1.04	1.04	0.57	ppb
Silver	109-1	1.09	1.07	1.02	1.06	3.21	ppb
Sodium	23-2	578.17	560.20	533.93	557.43	3.99	ppb
Strontium	86-1	0.99	0.93	0.87	0.93	6.81	ppb
Strontium	88-1	0.98	0.98	1.01	0.99	1.56	ppb
Sulfur	34-1	-951.64	-1036.69	-1083.53	-1023.95		ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	1.04	0.99	1.00	1.01	2.71	ppb
Thallium	205-1	0.97	0.98	0.99	0.98	1.07	ppb
Thorium	232-1	0.01	0.00	0.00	0.00	30.83	ppb
Tin	118-1	5.05	5.02	5.11	5.06	0.89	ppb
Titanium	47-1	4.95	4.82	5.03	4.93	2.20	ppb
Uranium	238-1	0.80	0.78	0.80	0.79	1.92	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 15:46:27	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.77	4.58	4.24	4.53	5.96	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	2.30	2.39	2.62	2.44	6.85	ppb
Zirconium	91-1	0.95	1.00	0.99	0.98	2.70	ppb
Zirconium	90-1	1.01	0.99	1.02	1.01	1.46	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3972-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 15:58:28	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2997.53	2981.96	2815.02	2931.50	3.45	ppb
Antimony	121-1	337.01	342.01	332.30	337.11	1.44	ppb
Arsenic	75-2	525.77	523.31	496.28	515.12	3.18	ppb
Barium	135-1	1391.46	1396.90	1410.99	1399.78	0.72	ppb
Barium	137-1	1367.01	1385.23	1392.01	1381.42	0.94	ppb
Beryllium	9-1	147.32	147.85	147.05	147.41	0.27	ppb
Bismuth	209-1				97		%
Bismuth	209-2				94		%
Boron	11-1	1720.64	1722.42	1758.20	1733.75	1.22	ppb
Boron	10-1	1636.21	1662.24	1693.95	1664.13	1.74	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	319.67	333.26	322.82	325.25	2.19	ppb
Cadmium	108-1	354.74	361.08	349.18	355.00	1.68	ppb
Cadmium	111-1	415.56	415.89	409.25	413.57	0.91	ppb
Calcium	43-1	40.60	50.03	52.59	47.74	13.23	ppb
Calcium	44-1	-104.03	-104.88	-103.50	-104.13		ppb
Chromium	52-2	237.14	234.39	221.50	231.01	3.61	ppb
Cobalt	59-2	595.19	589.01	563.72	582.64	2.86	ppb
Copper	63-2	241.69	239.79	229.01	236.83	2.89	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	3633.21	3586.53	3389.59	3536.44	3.66	ppb
Iron	57-2	3756.99	3686.28	3491.01	3644.76	3.78	ppb
Iron	54-2	4100.14	4033.62	3820.48	3984.75	3.67	ppb
Krypton	83-1						cps
Lead	206-1	943.41	958.48	951.85	951.25	0.79	ppb
Lead	207-1	901.08	906.58	906.76	904.81	0.36	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3972-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 15:58:28	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	929.80	935.97	930.24	932.00	0.37	ppb
Lithium	6-1				95		%
Magnesium	24-2	0.51	0.78	0.55	0.61	23.78	ppb
Manganese	55-2	573.76	576.18	541.08	563.67	3.48	ppb
Molybdenum	94-1	281.48	281.46	283.68	282.21	0.45	ppb
Molybdenum	95-1	404.64	407.59	410.72	407.65	0.75	ppb
Molybdenum	96-1	392.60	395.34	395.00	394.32	0.38	ppb
Molybdenum	97-1	401.27	411.44	410.50	407.74	1.38	ppb
Molybdenum	98-1	400.86	412.63	404.92	406.14	1.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	447.09	439.09	421.82	436.00	2.96	ppb
Phosphorus	31-2	4.25	-1.94	2.42	1.58	201.73	ppb
Potassium	39-2	2.19	2.69	1.10	1.99	40.96	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	144.26	143.00	144.33	143.86	0.52	ppb
Selenium	77-2	133.47	129.25	135.54	132.75	2.41	ppb
Selenium	78-2	141.07	144.96	136.35	140.80	3.06	ppb
Silicon	28-1	81.83	81.57	80.47	81.29	0.89	ppb
Silver	107-1	731.07	740.89	735.83	735.93	0.67	ppb
Silver	109-1	727.53	744.41	722.91	731.62	1.55	ppb
Sodium	23-2	46.14	46.95	45.42	46.17	1.66	ppb
Strontium	86-1	79.60	78.03	79.86	79.16	1.26	ppb
Strontium	88-1	80.30	79.70	81.96	80.65	1.46	ppb
Sulfur	34-1	-948.29	-1133.80	-1114.76	-1065.62		ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	106.06	107.49	108.29	107.28	1.05	ppb
Thallium	205-1	103.84	107.42	105.46	105.57	1.70	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	15.59	ppb
Tin	118-1	0.02	0.01	0.03	0.02	46.51	ppb
Titanium	47-1	0.10	0.12	0.16	0.12	25.32	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	86.86	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3972-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 15:58:28	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	1550.15	1568.85	1478.88	1532.63	3.10	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	818.90	807.53	765.95	797.46	3.50	ppb
Zirconium	91-1	0.32	0.36	0.31	0.33	7.26	ppb
Zirconium	90-1	0.10	0.10	0.10	0.10	3.04	ppb

LB Number :	Ib111461	Operator :	JASWAL
Lab Sample ID :	L3972-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:01:53	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	65.48	62.54	57.79	61.94	6.26	ppb
Antimony	121-1	0.08	0.05	0.07	0.07	19.47	ppb
Arsenic	75-2	0.03	0.02	0.02	0.02	27.69	ppb
Barium	135-1	0.16	0.13	0.14	0.14	9.98	ppb
Barium	137-1	0.13	0.15	0.14	0.14	9.07	ppb
Beryllium	9-1	0.01	0.01	0.02	0.01	42.42	ppb
Bismuth	209-1				97		%
Bismuth	209-2				91		%
Boron	11-1	269.69	269.18	267.32	268.73	0.46	ppb
Boron	10-1	258.99	255.62	254.05	256.22	0.99	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	-2.83	-3.24	-3.24	-3.10		ppb
Cadmium	108-1	0.10	0.06	0.03	0.07	47.42	ppb
Cadmium	111-1	-0.20	-0.23	-0.24	-0.22		ppb
Calcium	43-1	4.41	5.63	5.45	5.16	12.78	ppb
Calcium	44-1	15.26	14.38	15.41	15.02	3.71	ppb
Chromium	52-2	0.15	0.14	0.13	0.14	5.92	ppb
Cobalt	59-2	0.07	0.06	0.07	0.07	5.69	ppb
Copper	63-2	0.02	-0.02	-0.03	-0.01		ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	1.51	1.63	1.48	1.54	5.27	ppb
Iron	57-2	1.06	0.42	-0.45	0.34	221.93	ppb
Iron	54-2	2.62	2.08	0.56	1.75	61.10	ppb
Krypton	83-1						cps
Lead	206-1	0.62	0.63	0.61	0.62	1.27	ppb
Lead	207-1	0.57	0.63	0.59	0.60	5.16	ppb

LB Number :	Ib111461	Operator :	JASWAL
Lab Sample ID :	L3972-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:01:53	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.59	0.62	0.60	0.60	2.72	ppb
Lithium	6-1				95		%
Magnesium	24-2	1.12	0.99	1.22	1.11	10.10	ppb
Manganese	55-2	0.03	0.05	0.07	0.05	33.08	ppb
Molybdenum	94-1	2.12	2.09	2.03	2.08	2.29	ppb
Molybdenum	95-1	0.07	0.06	0.07	0.07	8.64	ppb
Molybdenum	96-1	0.29	0.33	0.35	0.32	10.09	ppb
Molybdenum	97-1	0.07	0.04	0.07	0.06	22.90	ppb
Molybdenum	98-1	0.06	0.07	0.06	0.06	10.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.36	0.43	0.43	0.41	9.24	ppb
Phosphorus	31-2	1.03	-0.21	2.56	1.13	122.69	ppb
Potassium	39-2	7.89	3.93	4.08	5.30	42.33	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	82-1	0.19	0.00	-0.01	0.06	183.44	ppb
Selenium	77-2	-0.07	-0.07	0.15	0.00	7445.65	ppb
Selenium	78-2	0.15	0.36	-0.09	0.14	158.92	ppb
Silicon	28-1	1222.18	1265.77	1262.50	1250.15	1.94	ppb
Silver	107-1	0.04	0.03	0.04	0.03	10.62	ppb
Silver	109-1	0.03	0.03	0.03	0.03	8.24	ppb
Sodium	23-2	209.54	207.60	200.84	205.99	2.22	ppb
Strontium	86-1	0.04	0.03	0.00	0.03	74.22	ppb
Strontium	88-1	0.01	0.02	0.02	0.02	13.21	ppb
Sulfur	34-1	-1875.33	-1709.05	-1802.76	-1795.71		ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	0.14	0.14	0.12	0.13	6.36	ppb
Thallium	205-1	0.14	0.13	0.12	0.13	8.65	ppb
Thorium	232-1	0.03	0.04	0.04	0.04	11.98	ppb
Tin	118-1	1787.88	1759.14	1759.09	1768.71	0.94	ppb
Titanium	47-1	259.64	265.79	266.42	263.95	1.42	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	44.73	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3972-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:01:53	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.04	0.03	0.02	0.03	31.75	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	0.85	1.11	1.30	1.09	20.73	ppb
Zirconium	91-1	1.28	1.30	1.27	1.28	1.30	ppb
Zirconium	90-1	1.37	1.39	1.33	1.36	2.06	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3972-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:05:23	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.37	-0.59	0.14	-0.27		ppb
Antimony	121-1	0.05	0.04	0.04	0.04	13.39	ppb
Arsenic	75-2	0.04	0.04	0.02	0.03	34.03	ppb
Barium	135-1	0.38	0.36	0.36	0.37	2.70	ppb
Barium	137-1	0.31	0.33	0.33	0.32	2.08	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	26.76	ppb
Bismuth	209-1				126		%
Bismuth	209-2				113		%
Boron	11-1	26.75	26.58	26.47	26.60	0.53	ppb
Boron	10-1	26.60	25.22	25.23	25.68	3.09	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	-2.90	-1.87	-1.36	-2.04		ppb
Cadmium	108-1	-0.01	0.06	0.06	0.04	117.77	ppb
Cadmium	111-1	-0.18	-0.12	-0.08	-0.13		ppb
Calcium	43-1	20988.77	21453.44	21180.78	21207.66	1.10	ppb
Calcium	44-1	19851.85	20002.75	19918.98	19924.53	0.38	ppb
Chromium	52-2	-0.12	-0.12	-0.10	-0.11		ppb
Cobalt	59-2	0.02	0.02	0.01	0.02	25.79	ppb
Copper	63-2	-0.24	-0.24	-0.25	-0.24		ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				132		%
Holmium	165-2				123		%
Indium	115-1				133		%
Indium	115-2				122		%
Iron	56-2	-0.29	-0.19	0.11	-0.12		ppb
Iron	57-2	107.58	111.90	106.09	108.52	2.78	ppb
Iron	54-2	-3.24	-3.22	-3.51	-3.32		ppb
Krypton	83-1						cps
Lead	206-1	0.65	0.67	0.72	0.68	5.31	ppb
Lead	207-1	0.64	0.61	0.70	0.65	7.46	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3972-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:05:23	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.64	0.65	0.69	0.66	4.11	ppb
Lithium	6-1				118		%
Magnesium	24-2	36430.40	37953.78	36932.58	37105.59	2.09	ppb
Manganese	55-2	0.11	0.12	0.11	0.11	3.81	ppb
Molybdenum	94-1	0.26	0.22	0.25	0.24	7.36	ppb
Molybdenum	95-1	0.35	0.36	0.40	0.37	7.92	ppb
Molybdenum	96-1	0.34	0.33	0.38	0.35	7.78	ppb
Molybdenum	97-1	0.37	0.43	0.39	0.40	7.62	ppb
Molybdenum	98-1	0.39	0.37	0.40	0.39	3.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.07	0.09	0.08	14.58	ppb
Phosphorus	31-2	-6.73	-7.25	-5.46	-6.48		ppb
Potassium	39-2	30550.73	31952.02	32219.87	31574.21	2.84	ppb
Rhodium	103-1				129		%
Rhodium	103-2				124		%
Scandium	45-1				131		%
Scandium	45-2				124		%
Selenium	82-1	0.10	0.19	0.20	0.16	35.13	ppb
Selenium	77-2	-0.07	-0.07	-0.07	-0.07		ppb
Selenium	78-2	-0.87	-0.95	-0.83	-0.88		ppb
Silicon	28-1	-18.90	-17.23	-17.14	-17.76		ppb
Silver	107-1	0.01	0.01	0.01	0.01	22.13	ppb
Silver	109-1	0.01	0.01	0.01	0.01	30.51	ppb
Sodium	23-2	43304.99	45490.42	45098.43	44631.28	2.61	ppb
Strontium	86-1	2.13	2.15	2.27	2.18	3.58	ppb
Strontium	88-1	2.32	2.33	2.36	2.34	0.80	ppb
Sulfur	34-1	-3103.16	-2635.78	-2421.07	-2720.01		ppb
Terbium	159-1				133		%
Terbium	159-2				124		%
Thallium	203-1	0.22	0.18	0.18	0.19	13.64	ppb
Thallium	205-1	0.21	0.17	0.16	0.18	15.76	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.08	0.09	0.04	0.07	33.36	ppb
Titanium	47-1	-0.01	-0.03	-0.03	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	314.97	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3972-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:05:23	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.01	0.01	0.01	21.81	ppb
Yttrium	89-1				134		%
Yttrium	89-2				124		%
Zinc	66-2	0.42	0.55	1.12	0.70	54.10	ppb
Zirconium	91-1	-0.01	0.00	-0.01	-0.01		ppb
Zirconium	90-1	-0.02	-0.02	-0.02	-0.02		ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3973-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:08:51	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	64.74	61.08	60.17	62.00	3.90	ppb
Antimony	121-1	0.04	0.03	0.04	0.04	13.28	ppb
Arsenic	75-2	0.01	0.01	0.02	0.01	39.76	ppb
Barium	135-1	0.18	0.15	0.20	0.18	14.73	ppb
Barium	137-1	0.13	0.13	0.12	0.13	7.07	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	16.38	ppb
Bismuth	209-1				96		%
Bismuth	209-2				85		%
Boron	11-1	231.36	235.99	235.10	234.15	1.05	ppb
Boron	10-1	220.13	225.63	225.71	223.83	1.43	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	-3.51	-2.08	-2.04	-2.54		ppb
Cadmium	108-1	0.20	0.30	0.15	0.21	35.24	ppb
Cadmium	111-1	-0.29	-0.17	-0.17	-0.21		ppb
Calcium	43-1	4.58	3.12	2.66	3.46	29.00	ppb
Calcium	44-1	17.62	14.66	16.60	16.29	9.25	ppb
Chromium	52-2	0.12	0.16	0.12	0.13	14.95	ppb
Cobalt	59-2	0.07	0.06	0.06	0.06	5.11	ppb
Copper	63-2	0.05	0.03	0.11	0.06	63.64	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				96		%
Indium	115-1				97		%
Indium	115-2				92		%
Iron	56-2	1.65	1.78	1.37	1.60	13.11	ppb
Iron	57-2	1.10	0.73	1.38	1.07	30.62	ppb
Iron	54-2	1.04	1.63	2.06	1.57	32.40	ppb
Krypton	83-1						cps
Lead	206-1	0.61	0.62	0.68	0.64	6.26	ppb
Lead	207-1	0.66	0.63	0.61	0.63	4.69	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3973-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:08:51	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.63	0.63	0.63	0.63	0.27	ppb
Lithium	6-1				96		%
Magnesium	24-2	3.24	3.61	2.73	3.19	13.83	ppb
Manganese	55-2	0.07	0.03	0.04	0.05	38.23	ppb
Molybdenum	94-1	2.04	1.89	2.07	2.00	4.69	ppb
Molybdenum	95-1	0.04	0.04	0.05	0.04	12.88	ppb
Molybdenum	96-1	0.26	0.26	0.29	0.27	5.70	ppb
Molybdenum	97-1	0.02	0.04	0.04	0.03	36.98	ppb
Molybdenum	98-1	0.04	0.04	0.05	0.04	9.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.42	0.39	0.37	0.39	6.93	ppb
Phosphorus	31-2	-0.91	1.33	-0.02	0.13	854.48	ppb
Potassium	39-2	16.41	11.51	19.92	15.95	26.47	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	82-1	0.38	0.16	0.35	0.30	40.16	ppb
Selenium	77-2	0.15	0.15	-0.07	0.08	165.81	ppb
Selenium	78-2	0.45	0.07	0.05	0.19	117.23	ppb
Silicon	28-1	1252.27	1244.95	1286.51	1261.24	1.76	ppb
Silver	107-1	0.02	0.02	0.01	0.02	12.81	ppb
Silver	109-1	0.01	0.02	0.02	0.01	32.94	ppb
Sodium	23-2	218.49	210.43	208.22	212.38	2.55	ppb
Strontium	86-1	-0.01	-0.02	-0.02	-0.01		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	7.78	ppb
Sulfur	34-1	-393.93	-626.01	-513.61	-511.18		ppb
Terbium	159-1				98		%
Terbium	159-2				95		%
Thallium	203-1	0.11	0.11	0.12	0.11	6.36	ppb
Thallium	205-1	0.11	0.10	0.10	0.10	4.37	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	8.99	ppb
Tin	118-1	1756.46	1785.10	1764.15	1768.57	0.84	ppb
Titanium	47-1	260.93	260.08	266.35	262.46	1.30	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	41.74	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3973-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:08:51	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.02	0.03	0.02	0.02	25.86	ppb
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	0.51	0.62	0.84	0.66	25.81	ppb
Zirconium	91-1	1.24	1.22	1.28	1.25	2.20	ppb
Zirconium	90-1	1.29	1.28	1.27	1.28	0.89	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3973-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:12:20	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3053.48	2926.96	2694.50	2891.65	6.30	ppb
Antimony	121-1	346.06	334.00	342.23	340.76	1.81	ppb
Arsenic	75-2	525.66	512.06	483.00	506.91	4.30	ppb
Barium	135-1	1439.49	1405.90	1414.76	1420.05	1.23	ppb
Barium	137-1	1461.91	1397.56	1411.48	1423.65	2.38	ppb
Beryllium	9-1	146.70	146.15	144.40	145.75	0.82	ppb
Bismuth	209-1				95		%
Bismuth	209-2				88		%
Boron	11-1	1730.35	1732.64	1770.36	1744.45	1.29	ppb
Boron	10-1	1673.71	1669.42	1702.57	1681.90	1.07	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	337.09	322.37	326.40	328.62	2.31	ppb
Cadmium	108-1	360.97	350.69	359.18	356.95	1.54	ppb
Cadmium	111-1	429.29	414.72	422.76	422.26	1.73	ppb
Calcium	43-1	47.15	45.52	50.63	47.77	5.46	ppb
Calcium	44-1	-107.24	-104.49	-102.74	-104.83		ppb
Chromium	52-2	240.63	230.83	213.13	228.20	6.11	ppb
Cobalt	59-2	608.67	581.01	546.30	578.66	5.40	ppb
Copper	63-2	248.71	239.46	224.06	237.41	5.24	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				96		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	3701.35	3563.16	3309.12	3524.54	5.64	ppb
Iron	57-2	3784.34	3626.22	3406.35	3605.63	5.26	ppb
Iron	54-2	4185.85	3957.29	3676.06	3939.74	6.48	ppb
Krypton	83-1						cps
Lead	206-1	990.54	993.45	977.15	987.05	0.88	ppb
Lead	207-1	951.29	965.72	928.69	948.57	1.97	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3973-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:12:20	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	960.29	971.42	949.69	960.46	1.13	ppb
Lithium	6-1				94		%
Magnesium	24-2	0.69	0.68	0.37	0.58	30.89	ppb
Manganese	55-2	586.03	566.01	528.41	560.15	5.22	ppb
Molybdenum	94-1	277.70	284.00	275.32	279.01	1.61	ppb
Molybdenum	95-1	403.17	411.85	395.82	403.61	1.99	ppb
Molybdenum	96-1	389.79	395.77	382.33	389.30	1.73	ppb
Molybdenum	97-1	399.48	406.13	395.45	400.36	1.35	ppb
Molybdenum	98-1	398.15	408.87	395.67	400.90	1.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	451.50	436.10	409.26	432.29	4.94	ppb
Phosphorus	31-2	-0.19	-4.57	6.35	0.53	1045.26	ppb
Potassium	39-2	8.52	2.54	7.19	6.08	51.61	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	82-1	142.69	143.40	140.52	142.20	1.05	ppb
Selenium	77-2	143.64	132.59	133.06	136.43	4.58	ppb
Selenium	78-2	145.38	137.86	133.09	138.78	4.46	ppb
Silicon	28-1	83.97	81.39	81.88	82.41	1.66	ppb
Silver	107-1	745.68	719.28	742.71	735.89	1.97	ppb
Silver	109-1	750.24	728.90	753.95	744.36	1.82	ppb
Sodium	23-2	53.68	49.23	49.69	50.87	4.82	ppb
Strontium	86-1	77.41	79.57	77.46	78.15	1.58	ppb
Strontium	88-1	79.79	80.68	80.24	80.24	0.56	ppb
Sulfur	34-1	-1699.60	-2010.50	-2049.47	-1919.86		ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	109.89	109.98	108.01	109.29	1.02	ppb
Thallium	205-1	108.30	109.38	107.00	108.23	1.10	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	71.48	ppb
Tin	118-1	0.25	0.23	0.27	0.25	9.07	ppb
Titanium	47-1	0.10	0.06	0.11	0.09	28.68	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	255.17	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3973-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:12:20	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	1600.02	1565.30	1450.67	1538.66	5.08	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	839.74	807.28	753.67	800.23	5.43	ppb
Zirconium	91-1	0.28	0.29	0.33	0.30	9.76	ppb
Zirconium	90-1	0.08	0.08	0.07	0.08	9.63	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3973-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:15:46	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.40	-0.36	0.06	-0.23		ppb
Antimony	121-1	0.04	0.03	0.04	0.04	21.52	ppb
Arsenic	75-2	0.04	0.05	0.04	0.05	17.26	ppb
Barium	135-1	0.36	0.37	0.39	0.37	3.75	ppb
Barium	137-1	0.37	0.35	0.38	0.37	4.63	ppb
Beryllium	9-1	0.01	0.02	0.02	0.02	21.71	ppb
Bismuth	209-1				124		%
Bismuth	209-2				112		%
Boron	11-1	53.14	53.28	53.29	53.23	0.16	ppb
Boron	10-1	51.25	50.29	50.93	50.82	0.97	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	-0.91	-1.68	-3.74	-2.11		ppb
Cadmium	108-1	0.06	-0.05	0.03	0.01	535.88	ppb
Cadmium	111-1	-0.02	-0.08	-0.26	-0.12		ppb
Calcium	43-1	21440.75	21234.97	21387.83	21354.51	0.50	ppb
Calcium	44-1	19879.38	19908.54	20061.99	19949.97	0.49	ppb
Chromium	52-2	-0.12	-0.12	-0.09	-0.11		ppb
Cobalt	59-2	0.02	0.02	0.03	0.02	27.29	ppb
Copper	63-2	-0.25	-0.25	-0.25	-0.25		ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				132		%
Holmium	165-2				123		%
Indium	115-1				133		%
Indium	115-2				121		%
Iron	56-2	-0.25	-0.11	0.10	-0.09		ppb
Iron	57-2	106.07	105.46	105.81	105.78	0.29	ppb
Iron	54-2	-3.60	-3.42	-3.13	-3.38		ppb
Krypton	83-1						cps
Lead	206-1	0.59	0.62	0.64	0.61	4.08	ppb
Lead	207-1	0.55	0.54	0.59	0.56	4.13	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3973-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:15:46	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.56	0.59	0.61	0.59	5.05	ppb
Lithium	6-1				116		%
Magnesium	24-2	36537.22	38331.74	37005.36	37291.44	2.50	ppb
Manganese	55-2	0.12	0.12	0.14	0.13	10.79	ppb
Molybdenum	94-1	0.27	0.26	0.25	0.26	2.79	ppb
Molybdenum	95-1	0.35	0.37	0.39	0.37	5.57	ppb
Molybdenum	96-1	0.36	0.41	0.37	0.38	6.32	ppb
Molybdenum	97-1	0.34	0.40	0.41	0.38	9.76	ppb
Molybdenum	98-1	0.40	0.39	0.40	0.40	1.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.10	0.10	0.10	11.74	ppb
Phosphorus	31-2	-6.14	-6.65	-7.74	-6.84		ppb
Potassium	39-2	30851.75	31650.27	32282.47	31594.83	2.27	ppb
Rhodium	103-1				129		%
Rhodium	103-2				125		%
Scandium	45-1				131		%
Scandium	45-2				123		%
Selenium	82-1	0.19	0.01	-0.06	0.05	282.41	ppb
Selenium	77-2	0.10	-0.07	0.10	0.04	226.30	ppb
Selenium	78-2	-0.47	-1.09	-0.17	-0.58		ppb
Silicon	28-1	-17.63	-17.05	-16.19	-16.96		ppb
Silver	107-1	0.02	0.02	0.02	0.02	5.99	ppb
Silver	109-1	0.02	0.03	0.03	0.03	12.34	ppb
Sodium	23-2	44277.97	45458.05	45423.36	45053.13	1.49	ppb
Strontium	86-1	2.21	2.25	2.26	2.24	1.18	ppb
Strontium	88-1	2.28	2.34	2.31	2.31	1.32	ppb
Sulfur	34-1	-3178.31	-2862.39	-2666.83	-2902.51		ppb
Terbium	159-1				131		%
Terbium	159-2				122		%
Thallium	203-1	0.08	0.09	0.08	0.09	5.63	ppb
Thallium	205-1	0.08	0.08	0.08	0.08	4.26	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.00	-0.01	0.00	0.00		ppb
Titanium	47-1	0.00	-0.01	-0.02	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3973-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:15:46	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.04	0.04	0.04	0.04	10.04	ppb
Yttrium	89-1				133		%
Yttrium	89-2				124		%
Zinc	66-2	0.27	0.47	1.17	0.64	74.16	ppb
Zirconium	91-1	0.00	0.00	-0.01	0.00		ppb
Zirconium	90-1	-0.01	-0.01	-0.02	-0.01		ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3973-06DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired ::	2020-10-12 16:19:14	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.42	-0.13	-0.07	-0.21		ppb
Antimony	121-1	0.03	0.02	0.03	0.02	15.94	ppb
Arsenic	75-2	0.00	0.02	0.01	0.01	69.06	ppb
Barium	135-1	0.07	0.07	0.09	0.08	12.32	ppb
Barium	137-1	0.08	0.06	0.06	0.07	15.10	ppb
Beryllium	9-1	0.02	0.00	0.01	0.01	108.19	ppb
Bismuth	209-1				96		%
Bismuth	209-2				86		%
Boron	11-1	43.64	42.38	42.05	42.69	1.96	ppb
Boron	10-1	42.93	41.13	39.11	41.06	4.65	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	-2.85	-2.31	-2.76	-2.64		ppb
Cadmium	108-1	0.02	0.08	0.09	0.06	63.42	ppb
Cadmium	111-1	-0.21	-0.17	-0.21	-0.20		ppb
Calcium	43-1	4213.75	4091.64	4159.51	4154.97	1.47	ppb
Calcium	44-1	4250.88	4165.32	4187.83	4201.35	1.06	ppb
Chromium	52-2	0.00	0.01	-0.02	0.00		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	78.51	ppb
Copper	63-2	-0.11	-0.06	-0.11	-0.09		ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				97		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	0.27	0.44	0.23	0.32	35.25	ppb
Iron	57-2	17.74	17.63	18.54	17.97	2.78	ppb
Iron	54-2	-1.05	0.36	-0.76	-0.48		ppb
Krypton	83-1						cps
Lead	206-1	0.43	0.43	0.42	0.43	1.75	ppb
Lead	207-1	0.43	0.40	0.42	0.42	3.08	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3973-06DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired ::	2020-10-12 16:19:14	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.42	0.42	0.41	0.41	1.65	ppb
Lithium	6-1				98		%
Magnesium	24-2	7181.15	7150.58	7032.67	7121.46	1.10	ppb
Manganese	55-2	0.06	0.04	0.06	0.05	24.21	ppb
Molybdenum	94-1	0.09	0.06	0.07	0.07	22.34	ppb
Molybdenum	95-1	0.12	0.10	0.11	0.11	8.52	ppb
Molybdenum	96-1	0.06	0.09	0.09	0.08	18.56	ppb
Molybdenum	97-1	0.10	0.08	0.10	0.09	11.78	ppb
Molybdenum	98-1	0.09	0.08	0.10	0.09	14.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.04	0.01	0.03	50.62	ppb
Phosphorus	31-2	-0.79	-3.45	5.73	0.50	950.62	ppb
Potassium	39-2	6135.78	6055.21	6076.25	6089.08	0.69	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	-0.06	-0.02	0.08	0.00		ppb
Selenium	77-2	-0.07	-0.07	-0.07	-0.07		ppb
Selenium	78-2	0.19	0.18	0.13	0.17	19.82	ppb
Silicon	28-1	-1.96	-2.41	-2.28	-2.22		ppb
Silver	107-1	0.01	0.01	0.01	0.01	13.59	ppb
Silver	109-1	0.01	0.01	0.01	0.01	7.68	ppb
Sodium	23-2	8303.37	8265.78	8260.97	8276.71	0.28	ppb
Strontium	86-1	0.41	0.44	0.47	0.44	7.57	ppb
Strontium	88-1	0.45	0.46	0.47	0.46	1.81	ppb
Sulfur	34-1	-193.20	-266.70	-227.85	-229.25		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.08	0.07	0.09	0.08	9.96	ppb
Thallium	205-1	0.08	0.07	0.07	0.08	1.04	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.04	0.05	0.04	0.04	9.28	ppb
Titanium	47-1	-0.03	0.00	0.00	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	399.68	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3973-06DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired ::	2020-10-12 16:19:14	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.00	0.02	0.01	77.75	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	2.21	2.23	2.27	2.24	1.40	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00		ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3973-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-12 16:22:45	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33.04	29.64	29.44	30.71	6.60	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	3.20	ppb
Arsenic	75-2	0.02	0.01	0.00	0.01	65.67	ppb
Barium	135-1	0.08	0.06	0.10	0.08	29.10	ppb
Barium	137-1	0.07	0.06	0.08	0.07	15.00	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	83.94	ppb
Bismuth	209-1				96		%
Bismuth	209-2				89		%
Boron	11-1	134.62	133.35	134.92	134.30	0.62	ppb
Boron	10-1	130.21	133.18	127.69	130.36	2.11	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	-1.72	-1.31	-2.34	-1.79		ppb
Cadmium	108-1	0.07	0.11	-0.01	0.05	110.22	ppb
Cadmium	111-1	-0.13	-0.10	-0.18	-0.14		ppb
Calcium	43-1	5.39	7.50	5.05	5.98	22.22	ppb
Calcium	44-1	11.01	12.66	10.75	11.47	9.02	ppb
Chromium	52-2	0.09	0.06	0.07	0.07	20.16	ppb
Cobalt	59-2	0.03	0.03	0.04	0.03	9.68	ppb
Copper	63-2	0.00	0.03	-0.03	0.00		ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	0.88	1.04	0.88	0.94	10.10	ppb
Iron	57-2	-1.13	-1.04	-0.81	-1.00		ppb
Iron	54-2	1.67	0.28	0.62	0.85	85.33	ppb
Krypton	83-1						cps
Lead	206-1	0.50	0.45	0.48	0.47	5.45	ppb
Lead	207-1	0.48	0.46	0.46	0.47	3.06	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3973-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-12 16:22:45	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.48	0.45	0.46	0.46	2.32	ppb
Lithium	6-1				96		%
Magnesium	24-2	0.98	1.30	0.76	1.02	26.76	ppb
Manganese	55-2	0.04	0.05	0.04	0.04	7.14	ppb
Molybdenum	94-1	1.01	1.00	1.06	1.03	3.30	ppb
Molybdenum	95-1	0.03	0.02	0.04	0.03	30.25	ppb
Molybdenum	96-1	0.14	0.12	0.12	0.13	8.28	ppb
Molybdenum	97-1	0.02	0.03	0.03	0.03	13.84	ppb
Molybdenum	98-1	0.03	0.02	0.02	0.03	15.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.24	0.17	0.20	0.21	16.40	ppb
Phosphorus	31-2	-3.17	-1.89	0.24	-1.61		ppb
Potassium	39-2	15.21	9.11	9.02	11.11	31.93	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	82-1	-0.09	0.28	0.10	0.10	188.84	ppb
Selenium	77-2	-0.07	0.15	-0.07	0.00	5982.55	ppb
Selenium	78-2	0.27	-0.07	-0.12	0.03	817.56	ppb
Silicon	28-1	630.78	633.86	626.65	630.43	0.57	ppb
Silver	107-1	0.01	0.01	0.01	0.01	40.61	ppb
Silver	109-1	0.02	0.01	0.01	0.01	19.74	ppb
Sodium	23-2	117.32	115.83	109.68	114.28	3.54	ppb
Strontium	86-1	0.00	0.02	0.00	0.00	277.77	ppb
Strontium	88-1	0.02	0.01	0.01	0.01	19.55	ppb
Sulfur	34-1	-571.97	-646.86	-841.67	-686.83		ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	0.09	0.09	0.09	0.09	3.49	ppb
Thallium	205-1	0.09	0.08	0.08	0.08	5.16	ppb
Thorium	232-1	0.02	0.01	0.02	0.02	11.88	ppb
Tin	118-1	883.78	882.82	862.09	876.23	1.40	ppb
Titanium	47-1	128.47	132.96	131.94	131.12	1.79	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	9.22	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3973-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-12 16:22:45	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.02	0.02	0.01	0.02	26.29	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	0.59	0.90	1.21	0.90	34.17	ppb
Zirconium	91-1	0.63	0.63	0.65	0.64	2.10	ppb
Zirconium	90-1	0.62	0.63	0.61	0.62	1.37	ppb

LB Number :	Ib111461	Operator :	JASWAL
Lab Sample ID :	L3973-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-12 16:26:13	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1500.84	1410.10	1362.39	1424.44	4.94	ppb
Antimony	121-1	168.02	168.48	171.14	169.22	1.00	ppb
Arsenic	75-2	265.63	254.39	241.10	253.71	4.84	ppb
Barium	135-1	690.46	696.56	705.39	697.47	1.08	ppb
Barium	137-1	688.23	692.54	705.68	695.48	1.31	ppb
Beryllium	9-1	71.91	72.44	72.19	72.18	0.36	ppb
Bismuth	209-1				96		%
Bismuth	209-2				85		%
Boron	11-1	878.12	893.38	889.77	887.09	0.90	ppb
Boron	10-1	850.90	842.25	854.75	849.30	0.75	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	159.70	158.69	164.94	161.11	2.08	ppb
Cadmium	108-1	175.62	184.31	182.53	180.82	2.54	ppb
Cadmium	111-1	205.67	211.03	209.03	208.58	1.30	ppb
Calcium	43-1	27.72	23.69	30.23	27.22	12.13	ppb
Calcium	44-1	-46.79	-48.15	-46.09	-47.01		ppb
Chromium	52-2	118.64	112.10	106.17	112.30	5.55	ppb
Cobalt	59-2	300.97	282.08	273.93	285.66	4.86	ppb
Copper	63-2	121.09	116.12	110.92	116.04	4.38	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				97		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	1851.18	1716.54	1653.53	1740.42	5.80	ppb
Iron	57-2	1865.70	1766.59	1695.51	1775.94	4.81	ppb
Iron	54-2	2017.44	1920.78	1823.41	1920.54	5.05	ppb
Krypton	83-1						cps
Lead	206-1	452.12	442.65	457.64	450.80	1.68	ppb
Lead	207-1	426.76	421.62	428.95	425.78	0.88	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3973-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-12 16:26:13	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	458.41	450.81	462.04	457.09	1.25	ppb
Lithium	6-1				94		%
Magnesium	24-2	0.64	0.44	0.13	0.40	63.60	ppb
Manganese	55-2	289.75	273.65	263.91	275.77	4.73	ppb
Molybdenum	94-1	139.30	138.58	140.24	139.38	0.60	ppb
Molybdenum	95-1	201.58	201.06	202.33	201.66	0.32	ppb
Molybdenum	96-1	194.38	193.04	193.24	193.55	0.37	ppb
Molybdenum	97-1	200.64	201.01	200.22	200.62	0.20	ppb
Molybdenum	98-1	202.12	199.03	201.01	200.72	0.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	224.26	212.66	203.75	213.56	4.82	ppb
Phosphorus	31-2	-4.00	0.95	-0.22	-1.09		ppb
Potassium	39-2	4.60	4.33	10.25	6.39	52.27	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	82-1	70.00	70.65	71.76	70.80	1.26	ppb
Selenium	77-2	73.99	67.27	62.63	67.96	8.41	ppb
Selenium	78-2	71.19	70.42	65.48	69.03	4.48	ppb
Silicon	28-1	40.86	40.96	39.96	40.60	1.36	ppb
Silver	107-1	364.71	374.74	377.98	372.47	1.86	ppb
Silver	109-1	368.54	376.60	376.92	374.02	1.27	ppb
Sodium	23-2	33.83	32.62	31.59	32.68	3.42	ppb
Strontium	86-1	38.73	38.14	39.02	38.63	1.17	ppb
Strontium	88-1	40.22	40.35	40.58	40.38	0.45	ppb
Sulfur	34-1	-1114.51	-1168.04	-1368.69	-1217.08		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	53.77	54.06	55.11	54.32	1.29	ppb
Thallium	205-1	53.15	52.90	54.38	53.48	1.48	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	173.80	ppb
Tin	118-1	0.17	0.18	0.17	0.18	4.53	ppb
Titanium	47-1	0.05	0.11	0.05	0.07	47.39	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	104.01	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3973-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-12 16:26:13	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	804.08	764.89	726.59	765.19	5.06	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	413.09	389.59	375.30	392.66	4.86	ppb
Zirconium	91-1	0.16	0.14	0.18	0.16	11.63	ppb
Zirconium	90-1	0.04	0.04	0.03	0.04	9.64	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:31:23	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50982.23	51157.30	51297.82	51145.78	0.31	ppb
Antimony	121-1	494.28	506.33	505.18	501.93	1.33	ppb
Arsenic	75-2	484.61	483.58	481.47	483.22	0.33	ppb
Barium	135-1	2501.03	2537.80	2538.20	2525.67	0.85	ppb
Barium	137-1	2487.56	2553.44	2538.17	2526.39	1.36	ppb
Beryllium	9-1	507.39	500.17	504.38	503.98	0.72	ppb
Bismuth	209-1				86		%
Bismuth	209-2				76		%
Boron	11-1	533.83	538.48	541.41	537.91	0.71	ppb
Boron	10-1	537.05	537.09	537.24	537.13	0.02	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	518.50	527.80	520.99	522.43	0.92	ppb
Cadmium	108-1	518.29	525.81	524.57	522.89	0.77	ppb
Cadmium	111-1	523.54	530.79	527.73	527.35	0.69	ppb
Calcium	43-1	234056.67	236262.76	239119.09	236479.51	1.07	ppb
Calcium	44-1	240616.17	237572.04	241356.87	239848.36	0.84	ppb
Chromium	52-2	485.31	478.05	476.38	479.92	0.99	ppb
Cobalt	59-2	482.95	480.08	472.71	478.58	1.10	ppb
Copper	63-2	4878.05	4792.04	4810.87	4826.99	0.94	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				95		%
Indium	115-1				94		%
Indium	115-2				91		%
Iron	56-2	128697.43	126291.97	125052.37	126680.59	1.46	ppb
Iron	57-2	126978.39	126639.98	123273.28	125630.55	1.63	ppb
Iron	54-2	129715.73	127588.95	126465.88	127923.52	1.29	ppb
Krypton	83-1						cps
Lead	206-1	2482.44	2537.65	2532.03	2517.37	1.21	ppb
Lead	207-1	2521.05	2537.99	2534.10	2531.05	0.35	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:31:23	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	2518.59	2529.74	2538.83	2529.05	0.40	ppb
Lithium	6-1				87		%
Magnesium	24-2	259346.63	257173.44	255819.21	257446.43	0.69	ppb
Manganese	55-2	4901.93	4921.54	4824.02	4882.50	1.06	ppb
Molybdenum	94-1	2454.56	2476.52	2501.58	2477.55	0.95	ppb
Molybdenum	95-1	2472.57	2478.02	2516.41	2489.00	0.96	ppb
Molybdenum	96-1	2427.97	2482.25	2523.56	2477.92	1.93	ppb
Molybdenum	97-1	2416.81	2473.10	2491.48	2460.46	1.58	ppb
Molybdenum	98-1	2454.90	2464.80	2531.09	2483.60	1.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	470.01	466.97	464.34	467.11	0.61	ppb
Phosphorus	31-2	9922.80	9637.36	9794.79	9784.99	1.46	ppb
Potassium	39-2	128353.37	129343.06	128223.90	128640.11	0.48	ppb
Rhodium	103-1				89		%
Rhodium	103-2				91		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	82-1	464.34	464.24	471.28	466.62	0.87	ppb
Selenium	77-2	481.93	469.13	467.26	472.78	1.69	ppb
Selenium	78-2	483.41	477.70	476.10	479.07	0.80	ppb
Silicon	28-1	509.12	519.12	543.11	523.78	3.34	ppb
Silver	107-1	505.17	510.20	510.39	508.59	0.58	ppb
Silver	109-1	507.76	511.32	513.72	510.93	0.59	ppb
Sodium	23-2	256929.88	254484.31	252776.18	254730.12	0.82	ppb
Strontium	86-1	481.71	481.83	488.06	483.87	0.75	ppb
Strontium	88-1	494.86	491.74	500.43	495.68	0.89	ppb
Sulfur	34-1	8576.89	8308.88	8574.57	8486.78	1.82	ppb
Terbium	159-1				96		%
Terbium	159-2				95		%
Thallium	203-1	482.97	489.67	491.99	488.21	0.96	ppb
Thallium	205-1	496.73	502.76	510.09	503.19	1.33	ppb
Thorium	232-1	508.85	519.45	513.98	514.09	1.03	ppb
Tin	118-1	497.96	504.80	508.57	503.78	1.07	ppb
Titanium	47-1	2438.29	2451.53	2459.97	2449.93	0.45	ppb
Uranium	238-1	504.45	511.72	505.39	507.18	0.78	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:31:23	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	489.98	483.28	482.84	485.37	0.82	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	5120.12	5086.59	5066.74	5091.15	0.53	ppb
Zirconium	91-1	482.52	494.13	491.21	489.29	1.23	ppb
Zirconium	90-1	492.38	502.69	497.61	497.56	1.04	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:56:24	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.21	0.16	0.49	0.29	61.32	ppb
Antimony	121-1	0.01	0.02	0.02	0.01	17.97	ppb
Arsenic	75-2	0.00	0.02	0.00	0.01	136.26	ppb
Barium	135-1	0.01	-0.01	0.01	0.01	160.31	ppb
Barium	137-1	0.03	0.02	0.00	0.01	119.31	ppb
Beryllium	9-1	0.01	0.01	0.02	0.01	9.26	ppb
Bismuth	209-1				94		%
Bismuth	209-2				87		%
Boron	11-1	10.32	10.80	10.51	10.54	2.30	ppb
Boron	10-1	10.43	10.23	10.36	10.34	0.96	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	-3.71	-1.77	-4.01	-3.16		ppb
Cadmium	108-1	-0.01	0.04	0.02	0.02	153.53	ppb
Cadmium	111-1	-0.29	-0.13	-0.32	-0.24		ppb
Calcium	43-1	6.33	1.90	2.89	3.71	62.70	ppb
Calcium	44-1	3.66	4.04	3.39	3.70	8.78	ppb
Chromium	52-2	0.02	0.00	0.02	0.01	90.59	ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	34.20	ppb
Copper	63-2	-0.07	-0.07	-0.03	-0.06		ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	0.96	0.78	0.73	0.82	14.60	ppb
Iron	57-2	-1.34	0.28	-1.85	-0.97		ppb
Iron	54-2	1.06	0.63	1.49	1.06	40.76	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.07	0.07	0.07	8.67	ppb
Lead	207-1	0.07	0.05	0.07	0.06	15.88	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:56:24	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.07	0.07	0.07	0.07	5.03	ppb
Lithium	6-1				96		%
Magnesium	24-2	1.70	2.07	1.79	1.85	10.41	ppb
Manganese	55-2	0.05	0.04	0.06	0.05	14.76	ppb
Molybdenum	94-1	0.03	0.02	0.05	0.04	40.20	ppb
Molybdenum	95-1	0.02	0.03	0.02	0.02	13.47	ppb
Molybdenum	96-1	0.01	0.02	0.02	0.02	38.57	ppb
Molybdenum	97-1	0.02	0.03	0.03	0.03	8.96	ppb
Molybdenum	98-1	0.03	0.02	0.02	0.02	12.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	0.01	0.00	222.28	ppb
Phosphorus	31-2	4.40	-3.41	3.60	1.53	280.96	ppb
Potassium	39-2	5.28	3.82	6.85	5.32	28.55	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	82-1	-0.17	0.19	-0.44	-0.14		ppb
Selenium	77-2	-0.07	0.14	0.14	0.07	173.50	ppb
Selenium	78-2	-0.11	0.55	-0.55	-0.04		ppb
Silicon	28-1	0.25	0.64	0.81	0.57	51.20	ppb
Silver	107-1	0.01	0.01	0.01	0.01	20.49	ppb
Silver	109-1	0.01	0.01	0.01	0.01	6.62	ppb
Sodium	23-2	12.46	12.01	11.03	11.83	6.16	ppb
Strontium	86-1	-0.01	-0.02	0.02	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	16.61	ppb
Sulfur	34-1	-550.44	-585.40	-468.10	-534.65		ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	0.03	0.05	0.04	0.04	25.10	ppb
Thallium	205-1	0.03	0.03	0.04	0.04	5.35	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	24.13	ppb
Tin	118-1	0.00	0.01	0.02	0.01	75.02	ppb
Titanium	47-1	0.03	0.00	0.00	0.01	244.71	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	22.91	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:56:24	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.01	0.01	0.01	13.77	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	0.16	0.19	0.44	0.26	58.90	ppb
Zirconium	91-1	0.01	0.01	0.02	0.01	60.16	ppb
Zirconium	90-1	0.01	0.00	-0.01	0.00	208082.38	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3972-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-12 16:59:54	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1511.29	1406.53	1347.36	1421.73	5.84	ppb
Antimony	121-1	169.15	169.62	173.29	170.69	1.33	ppb
Arsenic	75-2	264.39	251.75	239.26	251.80	4.99	ppb
Barium	135-1	697.67	704.43	709.98	704.03	0.88	ppb
Barium	137-1	694.33	706.88	697.75	699.65	0.93	ppb
Beryllium	9-1	73.31	73.42	73.89	73.54	0.42	ppb
Bismuth	209-1				97		%
Bismuth	209-2				85		%
Boron	11-1	860.66	854.20	880.94	865.27	1.61	ppb
Boron	10-1	841.32	823.98	837.84	834.38	1.10	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	162.31	166.03	163.89	164.08	1.14	ppb
Cadmium	108-1	180.43	184.11	181.81	182.11	1.02	ppb
Cadmium	111-1	208.10	211.80	209.99	209.96	0.88	ppb
Calcium	43-1	25.80	28.30	26.30	26.80	4.93	ppb
Calcium	44-1	-47.77	-49.82	-50.40	-49.33		ppb
Chromium	52-2	119.71	112.71	106.18	112.87	6.00	ppb
Cobalt	59-2	300.98	287.28	274.22	287.49	4.65	ppb
Copper	63-2	122.60	117.01	111.16	116.93	4.89	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	1831.93	1746.44	1649.67	1742.68	5.23	ppb
Iron	57-2	1857.18	1803.96	1664.52	1775.22	5.60	ppb
Iron	54-2	2042.25	1936.72	1840.24	1939.73	5.21	ppb
Krypton	83-1						cps
Lead	206-1	451.79	453.96	456.37	454.04	0.50	ppb
Lead	207-1	428.14	426.42	431.72	428.76	0.63	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3972-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-12 16:59:54	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	455.02	460.52	461.99	459.18	0.80	ppb
Lithium	6-1				97		%
Magnesium	24-2	1.01	0.91	0.80	0.91	11.99	ppb
Manganese	55-2	289.18	277.24	264.25	276.89	4.50	ppb
Molybdenum	94-1	139.92	141.97	138.50	140.13	1.25	ppb
Molybdenum	95-1	204.92	204.12	201.28	203.44	0.94	ppb
Molybdenum	96-1	197.50	197.07	194.22	196.26	0.91	ppb
Molybdenum	97-1	202.05	203.66	199.99	201.90	0.91	ppb
Molybdenum	98-1	202.83	201.35	200.66	201.61	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	223.82	212.92	205.54	214.09	4.30	ppb
Phosphorus	31-2	-4.05	-0.47	-1.80	-2.11		ppb
Potassium	39-2	0.70	3.50	3.94	2.71	64.88	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				97		%
Selenium	82-1	70.42	73.49	70.01	71.31	2.67	ppb
Selenium	77-2	70.45	68.40	66.51	68.45	2.88	ppb
Selenium	78-2	76.44	70.89	67.37	71.56	6.39	ppb
Silicon	28-1	40.65	40.92	41.09	40.89	0.55	ppb
Silver	107-1	374.23	380.27	378.26	377.59	0.81	ppb
Silver	109-1	372.72	378.73	380.13	377.19	1.04	ppb
Sodium	23-2	30.37	29.48	28.36	29.40	3.42	ppb
Strontium	86-1	39.57	39.52	39.05	39.38	0.73	ppb
Strontium	88-1	40.22	40.51	40.02	40.25	0.61	ppb
Sulfur	34-1	-889.46	-916.71	-896.26	-900.81		ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	54.24	54.13	55.07	54.48	0.94	ppb
Thallium	205-1	54.03	54.21	54.11	54.12	0.16	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	21.88	ppb
Tin	118-1	0.05	0.05	0.04	0.04	13.90	ppb
Titanium	47-1	0.14	0.12	0.11	0.12	12.59	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	122.09	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3972-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-12 16:59:54	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	812.54	770.84	732.42	771.93	5.19	ppb
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	412.84	393.25	376.72	394.27	4.59	ppb
Zirconium	91-1	0.20	0.15	0.17	0.17	14.80	ppb
Zirconium	90-1	0.04	0.04	0.03	0.04	3.75	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3972-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-12 17:03:23	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33.96	30.76	29.61	31.44	7.18	ppb
Antimony	121-1	0.05	0.05	0.04	0.05	9.76	ppb
Arsenic	75-2	0.02	0.01	0.01	0.02	43.20	ppb
Barium	135-1	0.08	0.09	0.09	0.09	5.38	ppb
Barium	137-1	0.08	0.09	0.07	0.08	11.56	ppb
Beryllium	9-1	0.00	0.02	0.00	0.01	140.61	ppb
Bismuth	209-1				98		%
Bismuth	209-2				84		%
Boron	11-1	145.60	141.38	144.77	143.92	1.55	ppb
Boron	10-1	137.25	140.31	140.03	139.20	1.21	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	-3.31	-3.04	-0.54	-2.30		ppb
Cadmium	108-1	0.13	0.11	0.05	0.10	41.64	ppb
Cadmium	111-1	-0.26	-0.23	-0.03	-0.17		ppb
Calcium	43-1	4.80	2.94	3.87	3.87	24.08	ppb
Calcium	44-1	7.13	10.97	10.86	9.65	22.65	ppb
Chromium	52-2	0.08	0.09	0.07	0.08	16.20	ppb
Cobalt	59-2	0.04	0.05	0.04	0.04	13.66	ppb
Copper	63-2	-0.04	-0.02	0.01	-0.02		ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				96		%
Indium	115-1				102		%
Indium	115-2				95		%
Iron	56-2	1.02	1.06	1.03	1.04	2.11	ppb
Iron	57-2	0.47	-2.21	-1.50	-1.08		ppb
Iron	54-2	1.58	1.32	1.56	1.48	9.89	ppb
Krypton	83-1						cps
Lead	206-1	0.44	0.42	0.44	0.43	2.07	ppb
Lead	207-1	0.37	0.41	0.43	0.40	7.72	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3972-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-12 17:03:23	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.39	0.42	0.43	0.41	5.92	ppb
Lithium	6-1				96		%
Magnesium	24-2	1.19	1.09	0.93	1.07	12.61	ppb
Manganese	55-2	0.06	0.04	0.04	0.04	23.04	ppb
Molybdenum	94-1	1.14	1.01	1.09	1.08	6.22	ppb
Molybdenum	95-1	0.04	0.04	0.05	0.04	12.28	ppb
Molybdenum	96-1	0.15	0.17	0.15	0.16	6.88	ppb
Molybdenum	97-1	0.04	0.04	0.04	0.04	1.66	ppb
Molybdenum	98-1	0.03	0.04	0.04	0.04	5.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.24	0.26	0.22	0.24	7.35	ppb
Phosphorus	31-2	-2.50	1.87	3.21	0.86	347.50	ppb
Potassium	39-2	6.24	4.96	6.97	6.06	16.77	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	82-1	0.50	0.09	-0.18	0.14	250.98	ppb
Selenium	77-2	-0.07	-0.07	-0.07	-0.07		ppb
Selenium	78-2	0.20	0.51	0.37	0.36	42.19	ppb
Silicon	28-1	626.96	641.94	641.08	636.66	1.32	ppb
Silver	107-1	0.02	0.02	0.02	0.02	20.61	ppb
Silver	109-1	0.02	0.02	0.02	0.02	18.49	ppb
Sodium	23-2	114.62	109.84	105.68	110.05	4.06	ppb
Strontium	86-1	-0.01	0.00	0.01	0.00	2241.45	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	16.83	ppb
Sulfur	34-1	-1309.90	-1107.16	-1114.90	-1177.32		ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	0.14	0.13	0.12	0.13	7.37	ppb
Thallium	205-1	0.12	0.12	0.12	0.12	2.85	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	3.29	ppb
Tin	118-1	879.32	896.92	898.85	891.69	1.21	ppb
Titanium	47-1	131.05	129.71	131.44	130.73	0.69	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	73.31	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3972-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-12 17:03:23	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.02	0.02	0.03	0.03	20.47	ppb
Yttrium	89-1				103		%
Yttrium	89-2				97		%
Zinc	66-2	0.64	0.70	1.27	0.87	39.69	ppb
Zirconium	91-1	0.67	0.64	0.64	0.65	2.19	ppb
Zirconium	90-1	0.69	0.68	0.67	0.68	1.40	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3972-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-12 17:06:52	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.20	-0.07	-0.22	-0.03		ppb
Antimony	121-1	0.01	0.01	0.02	0.01	15.47	ppb
Arsenic	75-2	0.00	0.00	0.01	0.01	91.61	ppb
Barium	135-1	0.13	0.13	0.14	0.13	6.88	ppb
Barium	137-1	0.16	0.17	0.16	0.16	5.23	ppb
Beryllium	9-1	0.01	0.01	0.02	0.01	49.16	ppb
Bismuth	209-1				102		%
Bismuth	209-2				95		%
Boron	11-1	26.59	24.25	25.02	25.29	4.73	ppb
Boron	10-1	23.55	23.04	22.57	23.05	2.12	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	-3.67	-3.10	-2.50	-3.09		ppb
Cadmium	108-1	0.05	0.00	0.01	0.02	136.96	ppb
Cadmium	111-1	-0.28	-0.23	-0.19	-0.23		ppb
Calcium	43-1	10365.64	10225.16	10450.66	10347.15	1.10	ppb
Calcium	44-1	9770.50	9763.03	9773.78	9769.10	0.06	ppb
Chromium	52-2	-0.04	-0.04	-0.05	-0.04		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	68.73	ppb
Copper	63-2	-0.17	-0.15	-0.15	-0.16		ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				102		%
Indium	115-1				110		%
Indium	115-2				104		%
Iron	56-2	0.13	0.18	0.10	0.14	27.07	ppb
Iron	57-2	49.01	49.78	47.36	48.72	2.54	ppb
Iron	54-2	-1.78	-1.13	-1.40	-1.44		ppb
Krypton	83-1						cps
Lead	206-1	0.37	0.39	0.37	0.38	3.06	ppb
Lead	207-1	0.37	0.35	0.38	0.37	4.47	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3972-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-12 17:06:52	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.36	0.35	0.37	0.36	2.08	ppb
Lithium	6-1				101		%
Magnesium	24-2	17270.20	17321.20	16554.92	17048.77	2.51	ppb
Manganese	55-2	0.07	0.06	0.05	0.06	14.49	ppb
Molybdenum	94-1	0.10	0.14	0.15	0.13	17.32	ppb
Molybdenum	95-1	0.18	0.19	0.16	0.18	6.26	ppb
Molybdenum	96-1	0.17	0.16	0.18	0.17	5.99	ppb
Molybdenum	97-1	0.20	0.22	0.17	0.20	12.97	ppb
Molybdenum	98-1	0.19	0.20	0.18	0.19	5.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.04	0.06	0.05	16.57	ppb
Phosphorus	31-2	0.27	-7.11	0.73	-2.03		ppb
Potassium	39-2	14313.85	14587.44	14106.56	14335.95	1.68	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				109		%
Scandium	45-2				103		%
Selenium	82-1	0.15	-0.44	0.27	-0.01		ppb
Selenium	77-2	-0.07	-0.07	-0.07	-0.07		ppb
Selenium	78-2	-0.24	-0.02	-0.29	-0.19		ppb
Silicon	28-1	-7.67	-7.34	-5.97	-6.99		ppb
Silver	107-1	0.01	0.01	0.01	0.01	18.76	ppb
Silver	109-1	0.00	0.01	0.00	0.01	58.91	ppb
Sodium	23-2	21129.80	21073.51	20463.66	20888.99	1.77	ppb
Strontium	86-1	1.08	1.00	1.11	1.06	5.53	ppb
Strontium	88-1	1.14	1.12	1.11	1.12	1.20	ppb
Sulfur	34-1	-1491.46	-1313.72	-1061.99	-1289.06		ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	0.09	0.10	0.09	0.09	3.20	ppb
Thallium	205-1	0.09	0.09	0.09	0.09	1.68	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.08	0.09	0.07	0.08	14.44	ppb
Titanium	47-1	0.03	0.01	0.00	0.01	126.02	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3972-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-12 17:06:52	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.01	0.00	0.00	34.72	ppb
Yttrium	89-1				111		%
Yttrium	89-2				104		%
Zinc	66-2	0.44	0.53	0.82	0.60	33.47	ppb
Zirconium	91-1	-0.01	0.00	0.00	0.00		ppb
Zirconium	90-1	-0.01	-0.01	-0.02	-0.01		ppb

LB Number : lb111461 Operator : JASWAL
 Lab Sample ID : PB131555BL Instrumnet Name : P7
 Client Sample ID : PB131555BL Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 17:22:11 DataFile Name : 038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.01	0.09	-0.24	-0.05		ppb
Antimony	121-1	0.00	0.01	0.01	0.01	38.68	ppb
Arsenic	75-2	0.01	0.00	0.02	0.01	117.13	ppb
Barium	135-1	-0.01	-0.01	0.00	-0.01		ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.00	0.00	0.01	0.00	759.20	ppb
Bismuth	209-1				94		%
Bismuth	209-2				86		%
Boron	11-1	9.27	8.83	8.81	8.97	2.94	ppb
Boron	10-1	8.88	9.46	9.60	9.31	4.08	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	-3.76	-2.36	-3.33	-3.15		ppb
Cadmium	108-1	-0.03	-0.04	0.02	-0.01		ppb
Cadmium	111-1	-0.29	-0.19	-0.26	-0.25		ppb
Calcium	43-1	1.58	2.24	2.89	2.24	29.21	ppb
Calcium	44-1	3.60	2.23	1.13	2.32	53.21	ppb
Chromium	52-2	0.02	0.00	0.03	0.02	99.50	ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	189.63	ppb
Copper	63-2	-0.07	-0.10	-0.06	-0.08		ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				96		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	56-2	-0.32	-0.10	0.00	-0.14		ppb
Iron	57-2	-2.86	-1.63	-0.89	-1.79		ppb
Iron	54-2	0.62	0.11	-0.16	0.19	205.82	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.10	0.09	0.09	3.92	ppb
Lead	207-1	0.08	0.08	0.09	0.08	2.14	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	PB131555BL	Instrumnet Name :	P7
Client Sample ID :	PB131555BL	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:22:11	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.09	0.08	0.08	0.08	4.59	ppb
Lithium	6-1				95		%
Magnesium	24-2	0.12	-0.03	0.06	0.05	150.88	ppb
Manganese	55-2	0.01	0.00	-0.01	0.00	336.01	ppb
Molybdenum	94-1	0.02	0.01	0.00	0.01	125.54	ppb
Molybdenum	95-1	0.00	0.01	0.00	0.00	127.95	ppb
Molybdenum	96-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	97-1	0.01	0.00	0.00	0.00	55.48	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	30.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	0.00	0.00	88.95	ppb
Phosphorus	31-2	-0.39	4.73	2.62	2.32	110.79	ppb
Potassium	39-2	1.18	6.71	10.97	6.29	78.10	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	82-1	0.02	-0.07	-0.26	-0.11		ppb
Selenium	77-2	-0.07	0.15	-0.07	0.00	5000.84	ppb
Selenium	78-2	0.00	-0.13	0.29	0.06	387.14	ppb
Silicon	28-1	-0.27	-0.73	-0.13	-0.37		ppb
Silver	107-1	0.00	0.00	0.00	0.00	581.93	ppb
Silver	109-1	0.00	0.00	0.00	0.00	84.64	ppb
Sodium	23-2	8.17	7.89	9.40	8.49	9.50	ppb
Strontium	86-1	-0.01	-0.01	-0.03	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	45.24	ppb
Sulfur	34-1	-490.97	-523.23	-407.13	-473.78		ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	0.06	0.07	0.05	0.06	10.67	ppb
Thallium	205-1	0.05	0.06	0.06	0.06	3.54	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	205.39	ppb
Tin	118-1	0.00	0.02	0.00	0.00	279.40	ppb
Titanium	47-1	-0.04	0.00	0.02	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	1138.07	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	PB131555BL	Instrumnet Name :	P7
Client Sample ID :	PB131555BL	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:22:11	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	82.72	ppb
Yttrium	89-1				102		%
Yttrium	89-2				97		%
Zinc	66-2	0.13	0.27	0.49	0.30	61.13	ppb
Zirconium	91-1	0.00	-0.01	0.00	0.00		ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00		ppb

LB Number : lb111461 Operator : JASWAL
 Lab Sample ID : PB131559BL Instrumnet Name : P7
 Client Sample ID : PB131559BL Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 17:25:42 DataFile Name : 039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.16	-0.19	-0.16	-0.17		ppb
Antimony	121-1	0.01	0.00	0.00	0.00	102.87	ppb
Arsenic	75-2	0.01	0.00	-0.01	0.00	648.88	ppb
Barium	135-1	0.01	-0.02	-0.01	-0.01		ppb
Barium	137-1	0.00	-0.01	0.00	0.00		ppb
Beryllium	9-1	0.00	0.01	-0.01	0.00	2357.01	ppb
Bismuth	209-1				95		%
Bismuth	209-2				83		%
Boron	11-1	7.59	7.30	7.41	7.43	2.01	ppb
Boron	10-1	6.78	6.59	6.65	6.68	1.48	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	-2.14	-3.74	-2.35	-2.74		ppb
Cadmium	108-1	-0.02	0.06	0.01	0.02	293.07	ppb
Cadmium	111-1	-0.17	-0.30	-0.19	-0.22		ppb
Calcium	43-1	0.57	0.65	-0.24	0.33	150.26	ppb
Calcium	44-1	2.00	2.34	2.12	2.15	7.86	ppb
Chromium	52-2	0.00	0.03	0.02	0.02	72.02	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	34.65	ppb
Copper	63-2	-0.11	-0.05	-0.10	-0.09		ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				96		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	56-2	-0.14	-0.13	-0.04	-0.10		ppb
Iron	57-2	-0.91	-0.50	-0.67	-0.69		ppb
Iron	54-2	-0.59	-0.04	-0.25	-0.29		ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.06	0.06	0.06	7.69	ppb
Lead	207-1	0.06	0.07	0.06	0.06	3.33	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	PB131559BL	Instrumnet Name :	P7
Client Sample ID :	PB131559BL	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:25:42	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.07	0.07	0.06	0.06	9.40	ppb
Lithium	6-1				96		%
Magnesium	24-2	0.16	0.02	0.20	0.13	75.74	ppb
Manganese	55-2	0.00	0.00	0.00	0.00	777.48	ppb
Molybdenum	94-1	-0.01	0.01	-0.02	0.00		ppb
Molybdenum	95-1	0.00	0.01	0.00	0.00	75.40	ppb
Molybdenum	96-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	134.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	0.00	0.01	82.82	ppb
Phosphorus	31-2	7.40	3.40	4.55	5.12	40.20	ppb
Potassium	39-2	6.20	8.40	6.41	7.00	17.32	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	82-1	0.21	0.17	-0.02	0.12	101.24	ppb
Selenium	77-2	0.15	-0.07	0.37	0.15	146.11	ppb
Selenium	78-2	0.12	-0.22	-0.70	-0.27		ppb
Silicon	28-1	0.40	-0.38	0.21	0.08	524.91	ppb
Silver	107-1	0.00	0.00	0.00	0.00	64.59	ppb
Silver	109-1	0.00	0.00	0.00	0.00	170.85	ppb
Sodium	23-2	8.77	9.05	7.88	8.57	7.10	ppb
Strontium	86-1	0.02	-0.01	-0.02	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	114.82	ppb
Sulfur	34-1	-455.92	-567.14	-390.07	-471.05		ppb
Terbium	159-1				99		%
Terbium	159-2				95		%
Thallium	203-1	0.04	0.04	0.05	0.05	9.73	ppb
Thallium	205-1	0.04	0.05	0.05	0.05	11.99	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.01	-0.01	-0.02	-0.02		ppb
Titanium	47-1	0.04	0.01	0.00	0.02	104.50	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	PB131559BL	Instrumnet Name :	P7
Client Sample ID :	PB131559BL	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:25:42	DataFile Name :	039CCBE.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				102		%
Yttrium	89-2				96		%
Zinc	66-2	0.18	0.20	0.52	0.30	64.50	ppb
Zirconium	91-1	0.01	-0.01	0.00	0.00	806.26	ppb
Zirconium	90-1	-0.02	-0.02	-0.01	-0.02		ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	PB131559BS	Instrumnet Name :	P7
Client Sample ID :	PB131559BS	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:29:13	DataFile Name :	040DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11320.61	11206.16	10979.96	11168.91	1.55	ppb
Antimony	121-1	525.13	503.12	524.98	517.75	2.45	ppb
Arsenic	75-2	517.99	516.21	508.57	514.26	0.97	ppb
Barium	135-1	2642.30	2528.86	2606.38	2592.51	2.24	ppb
Barium	137-1	2636.33	2479.25	2608.15	2574.58	3.25	ppb
Beryllium	9-1	515.10	518.04	507.91	513.68	1.01	ppb
Bismuth	209-1				92		%
Bismuth	209-2				80		%
Boron	11-1	497.21	498.62	494.59	496.81	0.41	ppb
Boron	10-1	482.10	484.27	477.27	481.21	0.75	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	500.43	481.02	498.67	493.37	2.18	ppb
Cadmium	108-1	499.25	486.09	512.98	499.44	2.69	ppb
Cadmium	111-1	502.17	479.30	503.49	494.99	2.75	ppb
Calcium	43-1	53705.81	52928.38	54556.03	53730.07	1.52	ppb
Calcium	44-1	51079.38	50162.96	51301.44	50847.93	1.19	ppb
Chromium	52-2	505.24	504.03	495.32	501.53	1.08	ppb
Cobalt	59-2	510.56	513.76	504.61	509.64	0.91	ppb
Copper	63-2	5076.46	5151.82	5040.16	5089.48	1.12	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				96		%
Indium	115-1				97		%
Indium	115-2				92		%
Iron	56-2	28917.89	28882.00	28493.90	28764.60	0.82	ppb
Iron	57-2	29159.53	29341.82	28808.72	29103.36	0.93	ppb
Iron	54-2	29659.50	29577.24	28742.84	29326.53	1.73	ppb
Krypton	83-1						cps
Lead	206-1	2506.15	2569.15	2552.39	2542.56	1.28	ppb
Lead	207-1	2520.32	2475.17	2535.86	2510.45	1.26	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	PB131559BS	Instrumnet Name :	P7
Client Sample ID :	PB131559BS	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:29:13	DataFile Name :	040DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	2525.69	2510.43	2540.85	2525.66	0.60	ppb
Lithium	6-1				91		%
Magnesium	24-2	54967.86	54674.35	53462.39	54368.20	1.47	ppb
Manganese	55-2	5148.85	5219.51	5129.68	5166.01	0.92	ppb
Molybdenum	94-1	2529.71	2493.89	2517.02	2513.54	0.72	ppb
Molybdenum	95-1	2552.17	2503.95	2498.41	2518.18	1.17	ppb
Molybdenum	96-1	2547.79	2537.29	2500.62	2528.57	0.98	ppb
Molybdenum	97-1	2510.73	2511.52	2486.43	2502.89	0.57	ppb
Molybdenum	98-1	2524.21	2501.27	2514.66	2513.38	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.15	512.29	501.95	507.46	1.02	ppb
Phosphorus	31-2	10129.78	10161.95	10016.30	10102.68	0.76	ppb
Potassium	39-2	27502.68	26847.19	26718.49	27022.79	1.56	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				96		%
Scandium	45-2				91		%
Selenium	82-1	505.04	502.26	500.26	502.52	0.48	ppb
Selenium	77-2	500.58	470.03	495.86	488.82	3.36	ppb
Selenium	78-2	508.12	511.00	505.58	508.23	0.53	ppb
Silicon	28-1	627.79	629.99	647.93	635.24	1.74	ppb
Silver	107-1	536.33	513.46	537.32	529.03	2.55	ppb
Silver	109-1	533.71	517.48	544.99	532.06	2.60	ppb
Sodium	23-2	54820.70	54310.55	53271.00	54134.08	1.46	ppb
Strontium	86-1	484.22	493.78	489.70	489.24	0.98	ppb
Strontium	88-1	501.51	506.76	503.29	503.85	0.53	ppb
Sulfur	34-1	9733.15	9023.09	9494.73	9416.99	3.84	ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	473.93	479.50	480.08	477.84	0.71	ppb
Thallium	205-1	498.18	511.73	501.45	503.79	1.40	ppb
Thorium	232-1	486.05	482.28	479.68	482.67	0.66	ppb
Tin	118-1	514.76	500.27	519.14	511.39	1.93	ppb
Titanium	47-1	2517.38	2499.66	2560.95	2525.99	1.25	ppb
Uranium	238-1	476.38	481.63	485.98	481.33	1.00	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	PB131559BS	Instrumnet Name :	P7
Client Sample ID :	PB131559BS	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:29:13	DataFile Name :	040DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	500.52	499.69	491.62	497.28	0.99	ppb
Yttrium	89-1				100		%
Yttrium	89-2				93		%
Zinc	66-2	4935.15	4990.14	4895.93	4940.41	0.96	ppb
Zirconium	91-1	494.77	489.89	489.92	491.53	0.57	ppb
Zirconium	90-1	510.52	498.15	511.94	506.87	1.50	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	PB131555BS	Instrumnet Name :	P7
Client Sample ID :	PB131555BS	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:37:19	DataFile Name :	041LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10953.12	10917.14	10800.21	10890.16	0.73	ppb
Antimony	121-1	502.60	523.33	498.38	508.10	2.63	ppb
Arsenic	75-2	503.06	494.71	493.18	496.98	1.07	ppb
Barium	135-1	2539.56	2521.25	2468.09	2509.63	1.48	ppb
Barium	137-1	2532.91	2495.27	2452.21	2493.47	1.62	ppb
Beryllium	9-1	497.20	499.15	503.38	499.91	0.63	ppb
Bismuth	209-1				92		%
Bismuth	209-2				79		%
Boron	11-1	494.43	492.03	494.70	493.72	0.30	ppb
Boron	10-1	480.51	471.21	475.42	475.71	0.98	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	476.55	471.65	474.20	474.13	0.52	ppb
Cadmium	108-1	478.87	485.41	474.83	479.70	1.11	ppb
Cadmium	111-1	477.62	484.49	475.68	479.27	0.97	ppb
Calcium	43-1	52252.00	51902.39	52313.51	52155.97	0.43	ppb
Calcium	44-1	49525.80	49668.34	49709.20	49634.45	0.19	ppb
Chromium	52-2	494.52	490.49	484.46	489.82	1.03	ppb
Cobalt	59-2	505.05	500.63	494.60	500.09	1.05	ppb
Copper	63-2	5014.47	5009.28	4949.56	4991.10	0.72	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				96		%
Indium	115-1				98		%
Indium	115-2				92		%
Iron	56-2	28283.43	28110.97	27798.78	28064.39	0.88	ppb
Iron	57-2	28840.31	28524.51	28152.92	28505.91	1.21	ppb
Iron	54-2	28552.42	28708.95	28227.17	28496.18	0.86	ppb
Krypton	83-1						cps
Lead	206-1	2466.08	2488.18	2569.47	2507.91	2.17	ppb
Lead	207-1	2445.11	2482.41	2530.39	2485.97	1.72	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	PB131555BS	Instrumnet Name :	P7
Client Sample ID :	PB131555BS	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:37:19	DataFile Name :	041LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	2458.71	2482.53	2524.04	2488.43	1.33	ppb
Lithium	6-1				90		%
Magnesium	24-2	54285.73	53172.57	53135.36	53531.22	1.22	ppb
Manganese	55-2	5112.22	5047.02	5038.07	5065.77	0.80	ppb
Molybdenum	94-1	2466.36	2484.66	2465.82	2472.28	0.43	ppb
Molybdenum	95-1	2502.72	2506.74	2483.20	2497.55	0.50	ppb
Molybdenum	96-1	2515.99	2502.82	2503.40	2507.40	0.30	ppb
Molybdenum	97-1	2493.04	2501.05	2478.84	2490.98	0.45	ppb
Molybdenum	98-1	2493.52	2490.39	2459.75	2481.22	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.19	495.47	491.81	495.82	0.85	ppb
Phosphorus	31-2	9974.54	9796.74	9790.16	9853.81	1.06	ppb
Potassium	39-2	26243.13	26303.40	25952.23	26166.25	0.72	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				96		%
Scandium	45-2				91		%
Selenium	82-1	500.30	501.33	496.08	499.24	0.56	ppb
Selenium	77-2	472.62	474.05	477.19	474.62	0.49	ppb
Selenium	78-2	499.97	502.12	494.23	498.78	0.82	ppb
Silicon	28-1	589.64	595.07	612.54	599.08	2.00	ppb
Silver	107-1	509.45	518.94	505.12	511.17	1.38	ppb
Silver	109-1	504.51	514.48	501.09	506.69	1.37	ppb
Sodium	23-2	53542.90	52693.54	52722.83	52986.42	0.91	ppb
Strontium	86-1	485.22	479.10	482.18	482.17	0.63	ppb
Strontium	88-1	492.65	489.16	491.30	491.03	0.36	ppb
Sulfur	34-1	8466.39	8483.32	8729.11	8559.60	1.72	ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	470.34	470.28	483.74	474.79	1.63	ppb
Thallium	205-1	489.82	500.25	510.83	500.30	2.10	ppb
Thorium	232-1	473.40	468.70	478.11	473.41	0.99	ppb
Tin	118-1	502.44	502.91	492.29	499.21	1.20	ppb
Titanium	47-1	2451.14	2413.73	2486.19	2450.35	1.48	ppb
Uranium	238-1	475.63	479.88	480.87	478.80	0.58	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	PB131555BS	Instrumnet Name :	P7
Client Sample ID :	PB131555BS	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:37:19	DataFile Name :	041LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	490.47	487.08	481.17	486.24	0.97	ppb
Yttrium	89-1				98		%
Yttrium	89-2				94		%
Zinc	66-2	4933.67	4881.62	4805.00	4873.43	1.33	ppb
Zirconium	91-1	481.30	488.90	480.85	483.68	0.93	ppb
Zirconium	90-1	495.37	491.74	492.08	493.06	0.41	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:45:04	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53680.80	52585.93	51311.48	52526.07	2.26	ppb
Antimony	121-1	498.79	498.14	488.78	495.24	1.13	ppb
Arsenic	75-2	496.25	495.26	487.99	493.17	0.91	ppb
Barium	135-1	2550.45	2597.78	2519.91	2556.05	1.54	ppb
Barium	137-1	2508.93	2533.27	2491.80	2511.33	0.83	ppb
Beryllium	9-1	504.31	504.40	495.57	501.43	1.01	ppb
Bismuth	209-1				86		%
Bismuth	209-2				72		%
Boron	11-1	509.20	511.76	510.47	510.48	0.25	ppb
Boron	10-1	494.51	483.95	483.41	487.29	1.28	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	513.57	507.06	514.78	511.80	0.81	ppb
Cadmium	108-1	519.52	517.39	523.36	520.09	0.58	ppb
Cadmium	111-1	518.73	516.39	522.80	519.30	0.62	ppb
Calcium	43-1	235549.59	233581.14	238684.29	235938.34	1.09	ppb
Calcium	44-1	236133.41	232737.02	240194.59	236355.01	1.58	ppb
Chromium	52-2	496.16	492.00	481.34	489.83	1.56	ppb
Cobalt	59-2	493.85	491.16	480.50	488.50	1.45	ppb
Copper	63-2	5036.46	5064.92	4933.98	5011.79	1.37	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				92		%
Indium	115-1				93		%
Indium	115-2				88		%
Iron	56-2	132201.66	133236.46	128913.71	131450.61	1.72	ppb
Iron	57-2	131014.17	131603.67	126875.62	129831.15	1.98	ppb
Iron	54-2	133441.75	131949.94	129633.16	131674.95	1.46	ppb
Krypton	83-1						cps
Lead	206-1	2553.78	2542.87	2516.74	2537.79	0.75	ppb
Lead	207-1	2561.48	2489.23	2512.05	2520.92	1.46	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:45:04	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	2548.07	2502.32	2520.73	2523.71	0.91	ppb
Lithium	6-1				86		%
Magnesium	24-2	272265.21	264415.45	257692.68	264791.11	2.75	ppb
Manganese	55-2	5037.66	5115.92	4966.15	5039.91	1.49	ppb
Molybdenum	94-1	2536.41	2500.28	2525.94	2520.88	0.74	ppb
Molybdenum	95-1	2527.27	2513.56	2541.84	2527.56	0.56	ppb
Molybdenum	96-1	2519.10	2522.47	2493.19	2511.59	0.64	ppb
Molybdenum	97-1	2517.94	2461.51	2481.23	2486.90	1.15	ppb
Molybdenum	98-1	2525.94	2469.96	2527.95	2507.95	1.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	485.46	479.36	468.42	477.75	1.81	ppb
Phosphorus	31-2	10104.65	10295.57	9677.65	10025.96	3.16	ppb
Potassium	39-2	134433.77	132429.40	129847.88	132237.01	1.74	ppb
Rhodium	103-1				89		%
Rhodium	103-2				90		%
Scandium	45-1				96		%
Scandium	45-2				91		%
Selenium	82-1	467.62	467.67	468.80	468.03	0.14	ppb
Selenium	77-2	476.11	480.78	466.62	474.50	1.52	ppb
Selenium	78-2	480.20	490.50	479.51	483.40	1.27	ppb
Silicon	28-1	497.82	505.11	523.35	508.76	2.59	ppb
Silver	107-1	507.97	505.67	502.12	505.25	0.58	ppb
Silver	109-1	548.66	508.64	509.71	522.34	4.37	ppb
Sodium	23-2	263020.06	258340.15	256611.78	259324.00	1.28	ppb
Strontium	86-1	486.74	486.60	483.46	485.60	0.38	ppb
Strontium	88-1	497.13	502.92	502.75	500.93	0.66	ppb
Sulfur	34-1	8339.50	7866.24	8299.47	8168.40	3.21	ppb
Terbium	159-1				97		%
Terbium	159-2				92		%
Thallium	203-1	489.63	474.87	473.48	479.32	1.87	ppb
Thallium	205-1	508.89	497.45	494.76	500.37	1.50	ppb
Thorium	232-1	503.57	503.94	502.63	503.38	0.13	ppb
Tin	118-1	497.65	494.57	492.08	494.76	0.56	ppb
Titanium	47-1	2408.52	2388.89	2446.33	2414.58	1.21	ppb
Uranium	238-1	501.75	494.02	500.27	498.68	0.82	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:45:04	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	505.12	494.78	488.23	496.04	1.72	ppb
Yttrium	89-1				96		%
Yttrium	89-2				92		%
Zinc	66-2	5306.17	5260.08	5111.16	5225.80	1.95	ppb
Zirconium	91-1	488.73	488.63	490.65	489.33	0.23	ppb
Zirconium	90-1	500.90	501.88	500.18	500.98	0.17	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:57:13	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.40	1.29	1.19	1.30	7.89	ppb
Antimony	121-1	0.06	0.07	0.06	0.06	6.98	ppb
Arsenic	75-2	0.02	0.03	0.04	0.03	32.62	ppb
Barium	135-1	0.09	0.07	0.06	0.07	21.66	ppb
Barium	137-1	0.07	0.08	0.09	0.08	15.13	ppb
Beryllium	9-1	0.03	0.03	0.04	0.04	12.36	ppb
Bismuth	209-1				94		%
Bismuth	209-2				82		%
Boron	11-1	10.55	10.40	9.80	10.25	3.90	ppb
Boron	10-1	10.59	10.97	9.43	10.33	7.78	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	106-1	-3.87	-4.89	-2.96	-3.91		ppb
Cadmium	108-1	0.04	0.02	0.08	0.05	67.89	ppb
Cadmium	111-1	-0.28	-0.37	-0.22	-0.29		ppb
Calcium	43-1	4.63	7.79	6.17	6.20	25.50	ppb
Calcium	44-1	7.45	7.10	9.25	7.93	14.51	ppb
Chromium	52-2	0.03	0.05	0.03	0.04	27.36	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	16.18	ppb
Copper	63-2	0.14	0.13	0.08	0.11	29.26	ppb
Dysprosium	156-2						cps
Dysprosium	156-1						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				95		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	3.54	3.28	3.36	3.40	3.90	ppb
Iron	57-2	2.92	2.12	1.26	2.10	39.58	ppb
Iron	54-2	3.51	4.25	3.53	3.76	11.14	ppb
Krypton	83-1						cps
Lead	206-1	0.17	0.15	0.17	0.17	7.32	ppb
Lead	207-1	0.16	0.18	0.16	0.17	4.64	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:57:13	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	208-1	0.16	0.17	0.16	0.17	2.17	ppb
Lithium	6-1				93		%
Magnesium	24-2	7.35	7.65	7.19	7.40	3.12	ppb
Manganese	55-2	0.21	0.21	0.17	0.19	11.53	ppb
Molybdenum	94-1	0.08	0.09	0.09	0.09	6.60	ppb
Molybdenum	95-1	0.10	0.11	0.08	0.10	13.58	ppb
Molybdenum	96-1	0.09	0.11	0.08	0.09	17.85	ppb
Molybdenum	97-1	0.09	0.09	0.09	0.09	4.47	ppb
Molybdenum	98-1	0.09	0.09	0.12	0.10	15.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.02	0.02	0.02	13.41	ppb
Phosphorus	31-2	6.51	-0.13	-0.87	1.83	221.57	ppb
Potassium	39-2	17.02	18.17	12.95	16.05	17.09	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	82-1	0.22	0.09	0.00	0.10	103.97	ppb
Selenium	77-2	-0.07	-0.07	-0.07	-0.07		ppb
Selenium	78-2	0.43	-0.24	0.55	0.25	174.31	ppb
Silicon	28-1	-0.08	0.16	-0.65	-0.19		ppb
Silver	107-1	0.03	0.02	0.02	0.02	18.89	ppb
Silver	109-1	0.02	0.02	0.02	0.02	2.21	ppb
Sodium	23-2	28.40	27.49	27.97	27.95	1.63	ppb
Strontium	86-1	0.01	0.02	0.00	0.01	109.54	ppb
Strontium	88-1	0.02	0.02	0.02	0.02	14.24	ppb
Sulfur	34-1	-897.79	-932.62	-1030.32	-953.58		ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	0.03	0.03	0.04	0.03	13.32	ppb
Thallium	205-1	0.03	0.03	0.04	0.03	7.24	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	11.83	ppb
Tin	118-1	-0.01	0.00	0.02	0.00	627.35	ppb
Titanium	47-1	0.07	0.10	0.06	0.08	27.93	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	6.71	ppb

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:57:13	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.02	0.01	0.02	0.02	28.78	ppb
Yttrium	89-1				100		%
Yttrium	89-2				95		%
Zinc	66-2	0.42	0.55	0.75	0.57	29.11	ppb
Zirconium	91-1	0.01	0.02	0.03	0.02	51.16	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	29.48	ppb

LB Number : lb111461 Operator : JASWAL
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 14:02:05 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	175	208	167	27.84	cps
Antimony	121-1	8	25	67	33	90.15	cps
Arsenic	75-2	2	9	6	6	66.68	cps
Barium	135-1	50	75	50	58	24.74	cps
Barium	137-1	92	67	50	69	30.20	cps
Beryllium	9-1	28	11	44	28	60.01	cps
Bismuth	209-1	12753906	13314040	13070102	13046016	2.15	cps
Bismuth	209-2	7786406	7895323	7755140	7812290	0.94	cps
Boron	11-1	3184	3150	2950	3095	4.08	cps
Boron	10-1	609	608	617	611	0.80	cps
Bromine	81-1	47521	49728	47772	48340	2.50	cps
Bromine	81-2	110	100	170	127	29.89	cps
Cadmium	106-1	11638	12631	12022	12097	4.14	cps
Cadmium	108-1	38	38	8	28	60.63	cps
Cadmium	111-1	8125	8815	8418	8453	4.10	cps
Calcium	43-1	267	300	242	269	10.86	cps
Calcium	44-1	18614	18034	18134	18260	1.70	cps
Chromium	52-2	1027	1043	1053	1041	1.29	cps
Cobalt	59-2	103	70	90	88	19.11	cps
Copper	63-2	2780	2814	2874	2823	1.68	cps
Dysprosium	156-2	17	20	3	13	66.16	cps
Dysprosium	156-1	33	17	25	25	33.32	cps
Erbium	164-1	100	83	100	94	10.18	cps
Erbium	164-2	47	40	60	49	20.83	cps
Gadolinium	160-1	208	200	192	200	4.17	cps
Gadolinium	160-2	430	490	423	448	8.20	cps
Holmium	165-1	18892919	19075067	18852849	18940278	0.63	cps
Holmium	165-2	9775316	10024393	9918437	9906049	1.26	cps
Indium	115-1	14575418	14491436	14504882	14523912	0.31	cps
Indium	115-2	3393493	3403470	3409072	3402012	0.23	cps
Iron	56-2	10009	10532	10949	10497	4.49	cps
Iron	57-2	1022	928	922	957	5.87	cps
Iron	54-2	1191	1201	1371	1255	8.07	cps
Krypton	83-1	693	640	677	670	4.07	cps
Lead	206-1	222	172	206	200	12.73	cps
Lead	207-1	239	133	233	202	29.43	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 14:02:05	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	950	956	867	924	5.39	cps
Lithium	6-1	3815048	3857440	3833125	3835204	0.55	cps
Magnesium	24-2	225	192	300	239	23.23	cps
Manganese	55-2	83	97	93	91	7.62	cps
Molybdenum	94-1	267	350	375	331	17.16	cps
Molybdenum	95-1	25	8	8	14	69.31	cps
Molybdenum	96-1	183	117	192	164	25.08	cps
Molybdenum	97-1	33	25	8	22	57.29	cps
Molybdenum	98-1	42	8	17	22	78.07	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	57	33	57	49	27.56	cps
Phosphorus	31-2	142	133	92	122	21.92	cps
Potassium	39-2	75048	76078	74705	75277	0.95	cps
Rhodium	103-1	13854199	14028192	13824004	13902131	0.79	cps
Rhodium	103-2	7108419	6951836	6885209	6981821	1.64	cps
Scandium	45-1	10268940	10302420	10265942	10279101	0.20	cps
Scandium	45-2	630420	635871	636950	634414	0.55	cps
Selenium	82-1	12	24	105	47	107.89	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	159	176	144	160	9.85	cps
Silicon	28-1	585067	588723	584279	586023	0.40	cps
Silver	107-1	125	175	133	144	18.55	cps
Silver	109-1	50	17	50	39	49.48	cps
Sodium	23-2	28452	28586	28736	28592	0.50	cps
Strontium	86-1	950	1008	1158	1039	10.35	cps
Strontium	88-1	208	258	117	194	36.95	cps
Sulfur	34-1	740000	741552	738180	739911	0.23	cps
Terbium	159-1	19126008	19437950	19412057	19325338	0.90	cps
Terbium	159-2	9932376	9815158	9846621	9864718	0.62	cps
Thallium	203-1	58	117	50	75	48.44	cps
Thallium	205-1	225	283	183	231	21.79	cps
Thorium	232-1	506	433	439	459	8.75	cps
Tin	118-1	1275	1025	1100	1133	11.32	cps
Titanium	47-1	158	183	142	161	13.02	cps
Uranium	238-1	17	58	8	28	96.44	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 14:02:05	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3	13	3	7	86.65	cps
Yttrium	89-1	23102770	23355125	23086224	23181373	0.65	cps
Yttrium	89-2	4047600	4054280	4048039	4049973	0.09	cps
Zinc	66-2	270	283	507	353	37.63	cps
Zirconium	91-1	192	242	183	206	15.35	cps
Zirconium	90-1	1167	1333	1217	1239	6.90	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 14:05:32	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3726	3951	3734	3803	3.35	cps
Antimony	121-1	24956	24154	24463	24525	1.65	cps
Arsenic	75-2	494	548	509	517	5.36	cps
Barium	135-1	32463	32280	31620	32121	1.38	cps
Barium	137-1	55963	54867	53068	54633	2.68	cps
Beryllium	9-1	2584	2467	2572	2541	2.53	cps
Bismuth	209-1	12842315	12944023	12970017	12918785	0.52	cps
Bismuth	209-2	7668034	7733549	7805889	7735824	0.89	cps
Boron	11-1	45979	47717	46990	46895	1.86	cps
Boron	10-1	9583	9657	9975	9738	2.14	cps
Bromine	81-1	48766	50472	48817	49352	1.97	cps
Bromine	81-2	80	80	120	93	24.74	cps
Cadmium	106-1	12247	12397	13131	12592	3.76	cps
Cadmium	108-1	317	254	329	300	13.39	cps
Cadmium	111-1	12119	12418	12796	12444	2.73	cps
Calcium	43-1	22701	22785	21992	22493	1.94	cps
Calcium	44-1	380356	376646	381170	379391	0.64	cps
Chromium	52-2	10891	10544	10187	10540	3.34	cps
Cobalt	59-2	8382	7849	7185	7805	7.68	cps
Copper	63-2	14731	13973	13286	13997	5.16	cps
Dysprosium	156-2	13	27	7	16	65.47	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Erbium	164-1	83	92	92	89	5.41	cps
Erbium	164-2	27	33	37	32	15.80	cps
Gadolinium	160-1	192	225	217	211	8.22	cps
Gadolinium	160-2	427	497	420	448	9.48	cps
Holmium	165-1	19008823	18640240	19085437	18911500	1.26	cps
Holmium	165-2	9871965	9926732	10039339	9946012	0.86	cps
Indium	115-1	14530819	14371830	14666224	14522958	1.01	cps
Indium	115-2	3396846	3415643	3401393	3404627	0.29	cps
Iron	56-2	231658	217349	199562	216190	7.44	cps
Iron	57-2	6535	6051	5840	6142	5.80	cps
Iron	54-2	14001	12638	12368	13002	6.73	cps
Krypton	83-1	570	680	657	636	9.12	cps
Lead	206-1	10015	10310	10632	10319	2.99	cps
Lead	207-1	9298	9237	9226	9253	0.42	cps

LB Number : lb111461 Operator : JASWAL
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	41938	41109	41854	41633	1.10	cps
Lithium	6-1	3809566	3827224	3839303	3825364	0.39	cps
Magnesium	24-2	214005	206637	193997	204880	4.94	cps
Manganese	55-2	3524	3150	3034	3236	7.91	cps
Molybdenum	94-1	27193	28613	28262	28022	2.64	cps
Molybdenum	95-1	33532	33732	33473	33579	0.40	cps
Molybdenum	96-1	36531	36965	36848	36781	0.61	cps
Molybdenum	97-1	20999	20874	20407	20760	1.50	cps
Molybdenum	98-1	53250	53752	54521	53841	1.19	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	2224	2127	1790	2047	11.12	cps
Phosphorus	31-2	175	167	100	147	27.92	cps
Potassium	39-2	300235	300804	289588	296876	2.13	cps
Rhodium	103-1	13730190	13705329	14099706	13845075	1.60	cps
Rhodium	103-2	7092284	7039261	7069951	7067165	0.38	cps
Scandium	45-1	10256104	10277321	10289639	10274355	0.17	cps
Scandium	45-2	634459	636317	632553	634443	0.30	cps
Selenium	82-1	1605	1455	1422	1494	6.54	cps
Selenium	77-2	77	80	73	77	4.35	cps
Selenium	78-2	457	383	394	412	9.70	cps
Silicon	28-1	694355	690773	688882	691337	0.40	cps
Silver	107-1	16911	16994	16952	16952	0.25	cps
Silver	109-1	16585	16276	16618	16493	1.14	cps
Sodium	23-2	421368	410757	394212	408779	3.35	cps
Strontium	86-1	5776	5710	5693	5726	0.77	cps
Strontium	88-1	39697	39054	38911	39221	1.07	cps
Sulfur	34-1	753488	761254	765390	760044	0.79	cps
Terbium	159-1	19288034	19146681	19316820	19250512	0.47	cps
Terbium	159-2	9920865	10006273	9878925	9935355	0.65	cps
Thallium	203-1	12198	12206	12873	12426	3.12	cps
Thallium	205-1	30753	29876	30043	30224	1.54	cps
Thorium	232-1	456	350	417	407	13.10	cps
Tin	118-1	53979	53602	54079	53887	0.47	cps
Titanium	47-1	10429	10020	10496	10315	2.49	cps
Uranium	238-1	42938	44318	43072	43442	1.75	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 14:05:32	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	21169	20040	19026	20078	5.34	cps
Yttrium	89-1	23275490	23456735	23540642	23424289	0.58	cps
Yttrium	89-2	4094978	4086763	4055405	4079049	0.51	cps
Zinc	66-2	2007	2347	2340	2231	8.71	cps
Zirconium	91-1	5334	5184	5359	5293	1.79	cps
Zirconium	90-1	24288	23745	24463	24165	1.55	cps

LB Number : lb111461 Operator : JASWAL
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 14:08:59 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	203996	197013	181007	194005	6.08	cps
Antimony	121-1	645302	646652	647226	646393	0.15	cps
Arsenic	75-2	27545	26917	24862	26441	5.31	cps
Barium	135-1	837097	841957	837748	838934	0.31	cps
Barium	137-1	1468135	1459046	1434013	1453731	1.22	cps
Beryllium	9-1	137662	135789	136685	136712	0.69	cps
Bismuth	209-1	13030747	12645559	12802669	12826325	1.51	cps
Bismuth	209-2	7642608	7604583	7648732	7631975	0.31	cps
Boron	11-1	96222	97470	97052	96915	0.66	cps
Boron	10-1	20910	21227	20889	21009	0.90	cps
Bromine	81-1	47529	46943	46015	46829	1.63	cps
Bromine	81-2	40	100	70	70	42.86	cps
Cadmium	106-1	34417	33089	33891	33799	1.98	cps
Cadmium	108-1	14566	14457	14587	14537	0.48	cps
Cadmium	111-1	195942	194694	193911	194849	0.53	cps
Calcium	43-1	241880	237784	240034	239899	0.86	cps
Calcium	44-1	3869684	3804081	3781642	3818469	1.20	cps
Chromium	52-2	274745	260989	238537	258090	7.08	cps
Cobalt	59-2	428345	413194	380232	407257	6.04	cps
Copper	63-2	2862906	2789726	2568774	2740469	5.59	cps
Dysprosium	156-2	30	30	43	34	22.34	cps
Dysprosium	156-1	58	33	50	47	26.96	cps
Erbium	164-1	108	183	92	128	38.21	cps
Erbium	164-2	57	60	47	54	12.74	cps
Gadolinium	160-1	208	167	167	181	13.32	cps
Gadolinium	160-2	470	450	440	453	3.37	cps
Holmium	165-1	19041611	18738566	18647846	18809341	1.10	cps
Holmium	165-2	9900191	9951295	9974772	9942086	0.38	cps
Indium	115-1	14332565	14180049	14281071	14264562	0.54	cps
Indium	115-2	3352517	3339602	3314655	3335592	0.58	cps
Iron	56-2	10628305	10207116	9253279	10029567	7.02	cps
Iron	57-2	289891	274673	251083	271882	7.19	cps
Iron	54-2	640633	616014	565324	607323	6.32	cps
Krypton	83-1	690	663	693	682	2.41	cps
Lead	206-1	2800581	2855177	2859925	2838561	1.16	cps
Lead	207-1	2613886	2550619	2599547	2588017	1.28	cps

LB Number : lb111461 Operator : JASWAL
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 14:08:59 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	11677868	11486578	11661455	11608633	0.91	cps
Lithium	6-1	3778765	3796109	3780407	3785094	0.25	cps
Magnesium	24-2	2320898	2216298	2068599	2201931	5.76	cps
Manganese	55-2	1706394	1657346	1519631	1627790	5.95	cps
Molybdenum	94-1	1464858	1444019	1440492	1449790	0.91	cps
Molybdenum	95-1	1781564	1756492	1776820	1771625	0.75	cps
Molybdenum	96-1	1941738	1956132	1928271	1942047	0.72	cps
Molybdenum	97-1	1104024	1093432	1091791	1096416	0.61	cps
Molybdenum	98-1	2842075	2800587	2815308	2819323	0.75	cps
Neodymium	150-1	113	107	60	93	31.14	cps
Neodymium	150-2	17	7	17	13	43.29	cps
Nickel	60-2	112517	109444	100582	107514	5.76	cps
Phosphorus	31-2	12781	11630	11380	11930	6.26	cps
Potassium	39-2	1291819	1264960	1219959	1258913	2.88	cps
Rhodium	103-1	13754754	13413784	13367711	13512083	1.56	cps
Rhodium	103-2	6845799	6985923	6827030	6886251	1.26	cps
Scandium	45-1	10173183	10277237	10078028	10176149	0.98	cps
Scandium	45-2	625050	615567	621378	620665	0.77	cps
Selenium	82-1	14388	14537	14271	14399	0.93	cps
Selenium	77-2	750	830	773	784	5.25	cps
Selenium	78-2	2722	2732	2698	2718	0.63	cps
Silicon	28-1	1162081	1176776	1175667	1171508	0.70	cps
Silver	107-1	894859	893247	888183	892096	0.39	cps
Silver	109-1	841099	847253	847399	845250	0.43	cps
Sodium	23-2	4122048	4007266	3846670	3991995	3.46	cps
Strontium	86-1	240590	241838	236652	239693	1.13	cps
Strontium	88-1	2104693	2098361	2085645	2096233	0.46	cps
Sulfur	34-1	834055	838749	833427	835410	0.35	cps
Terbium	159-1	19385825	19432167	19288954	19368982	0.38	cps
Terbium	159-2	9842217	9825434	9967078	9878243	0.78	cps
Thallium	203-1	663003	651248	660327	658193	0.94	cps
Thallium	205-1	1573393	1598924	1574813	1582377	0.91	cps
Thorium	232-1	2405641	2360733	2346878	2371084	1.30	cps
Tin	118-1	562833	556147	556446	558476	0.68	cps
Titanium	47-1	535282	526325	533972	531860	0.91	cps
Uranium	238-1	2410668	2336528	2366632	2371276	1.57	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 14:08:59	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	220576	211230	198813	210207	5.19	cps
Yttrium	89-1	23234523	23344871	23455937	23345110	0.47	cps
Yttrium	89-2	3992308	3978825	3981031	3984055	0.18	cps
Zinc	66-2	441802	423397	394221	419807	5.72	cps
Zirconium	91-1	277570	268809	271360	272580	1.65	cps
Zirconium	90-1	1234367	1220771	1232787	1229308	0.60	cps

LB Number : lb111461 Operator : JASWAL
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 14:12:27 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	478555	440551	384801	434636	10.85	cps
Antimony	121-1	1598671	1586953	1579022	1588215	0.62	cps
Arsenic	75-2	65336	62197	55712	61082	8.04	cps
Barium	135-1	2075654	2052296	2056157	2061369	0.61	cps
Barium	137-1	3624395	3613415	3605280	3614363	0.27	cps
Beryllium	9-1	331399	332345	332202	331982	0.15	cps
Bismuth	209-1	12847393	12864688	12858090	12856724	0.07	cps
Bismuth	209-2	7519392	7417848	7566859	7501366	1.01	cps
Boron	11-1	231538	232849	234922	233103	0.73	cps
Boron	10-1	50127	51143	50148	50472	1.15	cps
Bromine	81-1	46802	46501	45807	46370	1.10	cps
Bromine	81-2	70	90	70	77	15.06	cps
Cadmium	106-1	65602	64781	64831	65071	0.71	cps
Cadmium	108-1	36305	36004	35966	36092	0.51	cps
Cadmium	111-1	467284	462865	463326	464492	0.52	cps
Calcium	43-1	579372	575875	576540	577262	0.32	cps
Calcium	44-1	8311102	8339108	8256689	8302300	0.50	cps
Chromium	52-2	641763	589132	518132	583009	10.64	cps
Cobalt	59-2	1010405	934113	838919	927813	9.26	cps
Copper	63-2	6601363	6099358	5617020	6105914	8.06	cps
Dysprosium	156-2	103	57	87	82	28.76	cps
Dysprosium	156-1	92	75	117	94	22.21	cps
Erbium	164-1	108	117	108	111	4.33	cps
Erbium	164-2	40	37	40	39	4.94	cps
Gadolinium	160-1	200	167	158	175	12.60	cps
Gadolinium	160-2	463	497	420	460	8.36	cps
Holmium	165-1	19228638	18951958	19220632	19133742	0.82	cps
Holmium	165-2	9758674	9866165	9847755	9824198	0.59	cps
Indium	115-1	14340598	14342390	14060562	14247850	1.14	cps
Indium	115-2	3263776	3295871	3302679	3287442	0.63	cps
Iron	56-2	25399439	23296420	20142371	22946077	11.53	cps
Iron	57-2	677338	623976	540525	613946	11.23	cps
Iron	54-2	1523751	1380398	1216428	1373526	11.20	cps
Krypton	83-1	607	600	700	636	8.80	cps
Lead	206-1	7417414	7535527	7513630	7488857	0.84	cps
Lead	207-1	6388650	6434892	6372873	6398805	0.50	cps

LB Number : lb111461 Operator : JASWAL
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	29889602	30159943	30189862	30079802	0.55	cps
Lithium	6-1	3738013	3718627	3696096	3717579	0.56	cps
Magnesium	24-2	4982479	4598644	4475081	4685401	5.65	cps
Manganese	55-2	4067863	3762648	3335605	3722039	9.88	cps
Molybdenum	94-1	3534164	3476425	3528344	3512978	0.90	cps
Molybdenum	95-1	4345209	4304233	4302179	4317207	0.56	cps
Molybdenum	96-1	4795792	4785216	4732678	4771229	0.71	cps
Molybdenum	97-1	2702702	2690701	2643341	2678915	1.17	cps
Molybdenum	98-1	6594291	6493308	6453718	6513772	1.11	cps
Neodymium	150-1	213	240	247	233	7.56	cps
Neodymium	150-2	27	20	17	21	24.12	cps
Nickel	60-2	268092	245746	219837	244558	9.87	cps
Phosphorus	31-2	28503	27601	26081	27395	4.47	cps
Potassium	39-2	2903405	2870829	2748332	2840855	2.88	cps
Rhodium	103-1	13537581	13474191	13415819	13475864	0.45	cps
Rhodium	103-2	6646371	6761659	6892002	6766677	1.82	cps
Scandium	45-1	10059866	10016324	9963127	10013106	0.48	cps
Scandium	45-2	594528	593737	596287	594851	0.22	cps
Selenium	82-1	35657	35617	34736	35336	1.47	cps
Selenium	77-2	1953	1863	1643	1820	8.76	cps
Selenium	78-2	6765	6542	5812	6373	7.82	cps
Silicon	28-1	2011179	2033457	2042830	2029155	0.80	cps
Silver	107-1	2196942	2163597	2157962	2172833	0.97	cps
Silver	109-1	2071541	2076302	2056764	2068203	0.49	cps
Sodium	23-2	8719412	8487666	8037703	8414927	4.12	cps
Strontium	86-1	588148	585227	587911	587096	0.28	cps
Strontium	88-1	5100059	5101139	5068357	5089852	0.37	cps
Sulfur	34-1	944029	931025	928351	934468	0.90	cps
Terbium	159-1	19547833	19255494	19323298	19375542	0.79	cps
Terbium	159-2	9620753	9687524	9781390	9696555	0.83	cps
Thallium	203-1	1638395	1651907	1619414	1636572	1.00	cps
Thallium	205-1	4016099	3972000	3926781	3971626	1.12	cps
Thorium	232-1	6043955	6036990	6084642	6055196	0.43	cps
Tin	118-1	1378440	1365463	1390354	1378086	0.90	cps
Titanium	47-1	1286512	1275810	1270985	1277769	0.62	cps
Uranium	238-1	6086886	6079686	6000071	6055548	0.80	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 14:12:27	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	531525	491307	432534	485122	10.26	cps
Yttrium	89-1	23394364	22849242	22889523	23044376	1.32	cps
Yttrium	89-2	3921425	3898918	3919812	3913385	0.32	cps
Zinc	66-2	1044399	963168	862030	956532	9.55	cps
Zirconium	91-1	665387	663170	669023	665860	0.44	cps
Zirconium	90-1	2990603	2991580	3008079	2996754	0.33	cps

LB Number : lb111461 Operator : JASWAL
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 14:15:53 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	925793	911895	894636	910775	1.71	cps
Antimony	121-1	3105669	3117725	3133486	3118960	0.45	cps
Arsenic	75-2	127439	127769	124557	126588	1.40	cps
Barium	135-1	4117618	4064125	4062959	4081567	0.77	cps
Barium	137-1	7093935	7007279	7119757	7073657	0.83	cps
Beryllium	9-1	637244	625850	627509	630201	0.98	cps
Bismuth	209-1	13619352	12928560	12787995	13111969	3.39	cps
Bismuth	209-2	7381799	7350837	7314736	7349124	0.46	cps
Boron	11-1	438830	434964	437343	437045	0.45	cps
Boron	10-1	94385	94706	94637	94576	0.18	cps
Bromine	81-1	43683	42630	43132	43148	1.22	cps
Bromine	81-2	60	90	60	70	24.74	cps
Cadmium	106-1	113643	112325	111989	112652	0.78	cps
Cadmium	108-1	71295	70164	68213	69891	2.23	cps
Cadmium	111-1	902655	899182	904588	902142	0.30	cps
Calcium	43-1	1111797	1103708	1088594	1101366	1.07	cps
Calcium	44-1	15857544	15564153	15768637	15730111	0.96	cps
Chromium	52-2	1245023	1232435	1212736	1230065	1.32	cps
Cobalt	59-2	1944892	1930675	1895704	1923757	1.32	cps
Copper	63-2	12783762	12647228	12367607	12599532	1.68	cps
Dysprosium	156-2	190	137	163	163	16.33	cps
Dysprosium	156-1	117	175	125	139	22.72	cps
Erbium	164-1	175	58	117	117	50.00	cps
Erbium	164-2	73	53	70	66	16.35	cps
Gadolinium	160-1	292	275	267	278	4.58	cps
Gadolinium	160-2	503	483	473	487	3.14	cps
Holmium	165-1	20282364	19314326	18754580	19450423	3.97	cps
Holmium	165-2	9616559	9716986	9731791	9688445	0.65	cps
Indium	115-1	14755676	13878817	13843574	14159356	3.65	cps
Indium	115-2	3189829	3157639	3172003	3173157	0.51	cps
Iron	56-2	49006862	49052430	47665755	48575016	1.62	cps
Iron	57-2	1307678	1304664	1288106	1300149	0.81	cps
Iron	54-2	2935369	2914146	2859391	2902969	1.35	cps
Krypton	83-1	710	610	663	661	7.57	cps
Lead	206-1	14977878	15199470	15087134	15088160	0.73	cps
Lead	207-1	13800819	13581208	13663718	13681915	0.81	cps

LB Number : lb111461 Operator : JASWAL
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 14:15:53 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	61822141	61097861	60880983	61266995	0.80	cps
Lithium	6-1	3710320	3574525	3541722	3608856	2.48	cps
Magnesium	24-2	9636866	9436734	9283790	9452463	1.87	cps
Manganese	55-2	7399282	7513109	7372503	7428298	1.01	cps
Molybdenum	94-1	6506351	6462470	6493628	6487483	0.35	cps
Molybdenum	95-1	8038889	7961248	7909736	7969958	0.82	cps
Molybdenum	96-1	8737155	8674134	8698088	8703126	0.37	cps
Molybdenum	97-1	5231181	5198788	5160156	5196708	0.68	cps
Molybdenum	98-1	12665491	12692310	12684314	12680705	0.11	cps
Neodymium	150-1	413	393	407	404	2.52	cps
Neodymium	150-2	47	13	43	34	53.31	cps
Nickel	60-2	508575	509972	496717	505088	1.44	cps
Phosphorus	31-2	55353	55729	53354	54812	2.33	cps
Potassium	39-2	4948374	4932643	4926345	4935787	0.23	cps
Rhodium	103-1	13359412	12953404	12999441	13104086	1.70	cps
Rhodium	103-2	6484684	6411771	6505266	6467240	0.76	cps
Scandium	45-1	10009794	9418851	9345993	9591546	3.80	cps
Scandium	45-2	561788	563232	565677	563566	0.35	cps
Selenium	82-1	67215	66902	66801	66972	0.32	cps
Selenium	77-2	4037	3837	3607	3827	5.62	cps
Selenium	78-2	12620	12682	12289	12530	1.69	cps
Silicon	28-1	3160941	3161699	3154140	3158927	0.13	cps
Silver	107-1	4161857	4159196	4136629	4152561	0.33	cps
Silver	109-1	4026607	3952494	3966994	3982032	0.99	cps
Sodium	23-2	16856117	16510987	16551030	16639378	1.13	cps
Strontium	86-1	1136666	1121798	1129965	1129476	0.66	cps
Strontium	88-1	9513968	9362935	9372071	9416324	0.90	cps
Sulfur	34-1	1073105	1067660	1066117	1068960	0.34	cps
Terbium	159-1	20372463	19375010	19244246	19663906	3.14	cps
Terbium	159-2	9660729	9696515	9468377	9608540	1.28	cps
Thallium	203-1	3302142	3315513	3242636	3286763	1.18	cps
Thallium	205-1	8328022	8406210	8289252	8341161	0.71	cps
Thorium	232-1	13300877	13113652	13257657	13224062	0.74	cps
Tin	118-1	2689487	2691985	2687969	2689814	0.08	cps
Titanium	47-1	2455753	2412640	2412064	2426819	1.03	cps
Uranium	238-1	13047712	12987597	12832177	12955829	0.86	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 14:15:53	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1025343	1013514	999888	1012915	1.26	cps
Yttrium	89-1	23347300	22061251	22093220	22500591	3.26	cps
Yttrium	89-2	3764262	3724191	3758030	3748828	0.58	cps
Zinc	66-2	1995795	1993658	1942003	1977152	1.54	cps
Zirconium	91-1	1305753	1281105	1279934	1288931	1.13	cps
Zirconium	90-1	5596308	5739714	5748321	5694781	1.50	cps

LB Number : lb111461 Operator : JASWAL
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 14:19:11 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1786744	1782934	1760510	1776730	0.80	cps
Antimony	121-1	6249660	6126768	6171663	6182697	1.01	cps
Arsenic	75-2	253419	251823	249684	251642	0.74	cps
Barium	135-1	8016070	7934860	7909061	7953331	0.70	cps
Barium	137-1	14160210	13973526	13960044	14031260	0.80	cps
Beryllium	9-1	1212054	1189174	1193470	1198232	1.01	cps
Bismuth	209-1	12513776	12681938	12739379	12645031	0.93	cps
Bismuth	209-2	7249007	6796574	6709985	6918522	4.18	cps
Boron	11-1	839799	853450	845979	846409	0.81	cps
Boron	10-1	183186	185843	182872	183967	0.89	cps
Bromine	81-1	42931	41761	42346	42346	1.38	cps
Bromine	81-2	90	100	60	83	24.98	cps
Cadmium	106-1	208926	206517	207927	207790	0.58	cps
Cadmium	108-1	136993	134058	135639	135564	1.08	cps
Cadmium	111-1	1745581	1750369	1728302	1741417	0.67	cps
Calcium	43-1	2141847	2110565	2123417	2125277	0.74	cps
Calcium	44-1	30828451	30449464	30405767	30561227	0.76	cps
Chromium	52-2	2443056	2432535	2409357	2428316	0.71	cps
Cobalt	59-2	3778606	3772078	3736203	3762296	0.61	cps
Copper	63-2	25094915	24935660	24681148	24903908	0.84	cps
Dysprosium	156-2	290	293	233	272	12.39	cps
Dysprosium	156-1	192	258	183	211	19.47	cps
Erbium	164-1	158	108	133	133	18.75	cps
Erbium	164-2	67	60	50	59	14.25	cps
Gadolinium	160-1	325	275	375	325	15.39	cps
Gadolinium	160-2	473	530	463	489	7.35	cps
Holmium	165-1	18466957	18910381	19151356	18842898	1.84	cps
Holmium	165-2	9803480	9805626	9727524	9778877	0.45	cps
Indium	115-1	13641510	13680577	13785873	13702653	0.54	cps
Indium	115-2	3131390	3126648	3145686	3134575	0.32	cps
Iron	56-2	96959563	95311933	95692558	95988018	0.90	cps
Iron	57-2	2567727	2552909	2534974	2551870	0.64	cps
Iron	54-2	5324745	5669493	5322913	5439051	3.67	cps
Krypton	83-1	710	610	560	627	12.19	cps
Lead	206-1	29687511	29423634	29787251	29632799	0.63	cps
Lead	207-1	27169666	27197333	26833858	27066952	0.75	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 14:19:11	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	121427019	120932965	120531344	120963776	0.37	cps
Lithium	6-1	3405477	3406867	3426064	3412803	0.34	cps
Magnesium	24-2	18517060	18580088	18253463	18450204	0.94	cps
Manganese	55-2	14670246	14531355	14407771	14536457	0.90	cps
Molybdenum	94-1	13059109	12642016	12743090	12814738	1.70	cps
Molybdenum	95-1	15883498	15611494	15566587	15687193	1.09	cps
Molybdenum	96-1	17236078	17128964	17193746	17186263	0.31	cps
Molybdenum	97-1	9734739	9712046	9677990	9708259	0.29	cps
Molybdenum	98-1	25115075	24960572	24803416	24959688	0.62	cps
Neodymium	150-1	747	780	813	780	4.27	cps
Neodymium	150-2	60	70	80	70	14.29	cps
Nickel	60-2	989533	992197	976503	986077	0.85	cps
Phosphorus	31-2	107619	107880	106033	107177	0.93	cps
Potassium	39-2	9580171	9682842	9661693	9641569	0.56	cps
Rhodium	103-1	12214776	12444475	12538306	12399186	1.34	cps
Rhodium	103-2	6360110	6451914	6438373	6416799	0.77	cps
Scandium	45-1	9149194	9160139	9249436	9186256	0.60	cps
Scandium	45-2	551849	556342	556478	554889	0.47	cps
Selenium	82-1	131589	129389	129850	130276	0.89	cps
Selenium	77-2	7222	7235	7212	7223	0.16	cps
Selenium	78-2	24788	24599	25027	24804	0.87	cps
Silicon	28-1	5823277	5897018	5865473	5861923	0.63	cps
Silver	107-1	7923825	7829408	7958992	7904075	0.85	cps
Silver	109-1	7671461	7447740	7446019	7521740	1.72	cps
Sodium	23-2	32512703	32936439	32459252	32636131	0.80	cps
Strontium	86-1	2227007	2227732	2217294	2224011	0.26	cps
Strontium	88-1	18910324	18645826	18555292	18703814	0.99	cps
Sulfur	34-1	1390961	1377331	1370893	1379728	0.74	cps
Terbium	159-1	19236416	19228324	19665884	19376875	1.29	cps
Terbium	159-2	9689908	9634009	9588228	9637382	0.53	cps
Thallium	203-1	6425407	6502952	6570223	6499527	1.11	cps
Thallium	205-1	16272813	16088748	16581097	16314219	1.52	cps
Thorium	232-1	26565727	26789145	26249174	26534682	1.02	cps
Tin	118-1	5369697	5298283	5339252	5335744	0.67	cps
Titanium	47-1	4730894	4705717	4679750	4705454	0.54	cps
Uranium	238-1	26280608	25709405	25551313	25847109	1.48	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 14:19:11	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2005774	2017025	1978567	2000455	0.99	cps
Yttrium	89-1	21853206	21974786	21798121	21875371	0.41	cps
Yttrium	89-2	3712978	3730005	3765617	3736200	0.72	cps
Zinc	66-2	3852471	3873132	3838450	3854684	0.45	cps
Zirconium	91-1	2565255	2525626	2535079	2541987	0.81	cps
Zirconium	90-1	10986644	10884683	10920611	10930646	0.47	cps

LB Number : lb111461 Operator : JASWAL
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 14:22:27 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3582903	3552107	3584556	3573189	0.51	cps
Antimony	121-1	12217858	12049365	11878343	12048522	1.41	cps
Arsenic	75-2	500867	503598	503894	502786	0.33	cps
Barium	135-1	15840950	15872270	15931081	15881434	0.29	cps
Barium	137-1	28160484	27989494	27809470	27986483	0.63	cps
Beryllium	9-1	2341576	2327407	2297256	2322080	0.97	cps
Bismuth	209-1	12449010	12452902	12283014	12394975	0.78	cps
Bismuth	209-2	6998911	6510841	6607040	6705597	3.86	cps
Boron	11-1	1651280	1673888	1675703	1666957	0.82	cps
Boron	10-1	361017	361487	364625	362377	0.54	cps
Bromine	81-1	45547	46317	45205	45690	1.25	cps
Bromine	81-2	130	110	40	93	50.64	cps
Cadmium	106-1	423392	422683	425709	423928	0.37	cps
Cadmium	108-1	280936	283725	281599	282086	0.52	cps
Cadmium	111-1	3622869	3638537	3603264	3621557	0.49	cps
Calcium	43-1	4290981	4297645	4249789	4279472	0.61	cps
Calcium	44-1	62902220	62562429	61852444	62439031	0.86	cps
Chromium	52-2	4864092	4844595	4836674	4848454	0.29	cps
Cobalt	59-2	7285306	7411755	7352841	7349968	0.86	cps
Copper	63-2	50647504	50898171	50454794	50666823	0.44	cps
Dysprosium	156-2	587	560	570	572	2.35	cps
Dysprosium	156-1	475	475	458	469	2.05	cps
Erbium	164-1	142	125	175	147	17.30	cps
Erbium	164-2	53	80	37	57	38.57	cps
Gadolinium	160-1	517	450	550	506	10.07	cps
Gadolinium	160-2	563	560	513	546	5.12	cps
Holmium	165-1	19366025	18953845	18572261	18964044	2.09	cps
Holmium	165-2	9677122	9554722	9825985	9685943	1.40	cps
Indium	115-1	13998226	13782140	13487607	13755991	1.86	cps
Indium	115-2	3112982	3063096	3133231	3103103	1.16	cps
Iron	56-2	195737532	191336099	193472949	193515527	1.14	cps
Iron	57-2	5082530	5088832	5109406	5093589	0.28	cps
Iron	54-2	10602882	10675398	10759824	10679368	0.74	cps
Krypton	83-1	533	707	597	612	14.33	cps
Lead	206-1	57260210	56888492	56673630	56940777	0.52	cps
Lead	207-1	52623361	53042676	51689650	52451896	1.32	cps

LB Number : lb111461 Operator : JASWAL
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 14:22:27 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	232583176	237176979	232044625	233934927	1.21	cps
Lithium	6-1	3403119	3376526	3321896	3367180	1.23	cps
Magnesium	24-2	37258819	36989314	37148194	37132109	0.36	cps
Manganese	55-2	29889291	29234334	29573359	29565661	1.11	cps
Molybdenum	94-1	25822439	25978334	25665772	25822182	0.61	cps
Molybdenum	95-1	31827266	31817325	31026706	31557099	1.46	cps
Molybdenum	96-1	34474888	34788036	34300178	34521034	0.72	cps
Molybdenum	97-1	19617373	19872092	19426679	19638715	1.14	cps
Molybdenum	98-1	50552911	50758669	49930500	50414026	0.86	cps
Neodymium	150-1	1420	1347	1547	1438	7.04	cps
Neodymium	150-2	143	163	200	169	17.01	cps
Nickel	60-2	1948068	1953202	1941440	1947570	0.30	cps
Phosphorus	31-2	217150	217041	216980	217057	0.04	cps
Potassium	39-2	19654703	19674336	19657295	19662111	0.05	cps
Rhodium	103-1	12546605	12483829	12315099	12448511	0.96	cps
Rhodium	103-2	6349105	6323247	6435680	6369344	0.92	cps
Scandium	45-1	9574463	9475916	9312051	9454143	1.40	cps
Scandium	45-2	573025	564878	573440	570448	0.85	cps
Selenium	82-1	256439	256062	253105	255202	0.72	cps
Selenium	77-2	15105	14294	14554	14651	2.83	cps
Selenium	78-2	48321	48122	48549	48331	0.44	cps
Silicon	28-1	10741364	10972046	11055946	10923119	1.49	cps
Silver	107-1	15830969	15814203	15817742	15820971	0.06	cps
Silver	109-1	15131135	15179820	14881176	15064043	1.06	cps
Sodium	23-2	66706045	65921629	66208126	66278600	0.60	cps
Strontium	86-1	4443761	4469232	4391703	4434899	0.89	cps
Strontium	88-1	37795025	37803649	37327238	37641971	0.72	cps
Sulfur	34-1	2135893	2140947	2136316	2137719	0.13	cps
Terbium	159-1	19644685	19567887	19006999	19406524	1.79	cps
Terbium	159-2	9574580	9430911	9567780	9524424	0.85	cps
Thallium	203-1	13152875	13144754	13148548	13148726	0.03	cps
Thallium	205-1	32163359	32116306	32084834	32121500	0.12	cps
Thorium	232-1	51878569	53146901	52009601	52345024	1.33	cps
Tin	118-1	10519783	10412153	10265480	10399139	1.23	cps
Titanium	47-1	9250684	9301418	9188870	9246991	0.61	cps
Uranium	238-1	50812622	50773705	50244375	50610234	0.63	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 14:22:27	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	4057986	4057526	4069599	4061704	0.17	cps
Yttrium	89-1	22528777	22374756	22012330	22305287	1.19	cps
Yttrium	89-2	3800764	3742663	3834594	3792674	1.23	cps
Zinc	66-2	7961754	7881860	7893232	7912282	0.55	cps
Zirconium	91-1	5106551	5113432	5065329	5095104	0.51	cps
Zirconium	90-1	21926533	22126893	21735020	21929482	0.89	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 14:25:42	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16806281	17300568	16941430	17016093	1.50	cps
Antimony	121-1	7969	7819	7536	7775	2.83	cps
Arsenic	75-2	193	178	204	191	6.80	cps
Barium	135-1	26985	26676	27002	26888	0.68	cps
Barium	137-1	47465	48585	46536	47529	2.16	cps
Beryllium	9-1	250	256	278	261	5.63	cps
Bismuth	209-1	10757827	10590831	10567560	10638739	0.98	cps
Bismuth	209-2	5829548	5864785	5915499	5869944	0.74	cps
Boron	11-1	78268	73353	71820	74480	4.52	cps
Boron	10-1	16027	15276	14183	15162	6.11	cps
Bromine	81-1	45547	45506	44202	45085	1.70	cps
Bromine	81-2	90	130	180	133	33.82	cps
Cadmium	106-1	11405	11680	12114	11733	3.05	cps
Cadmium	108-1	229	225	225	226	1.06	cps
Cadmium	111-1	9373	9244	9768	9462	2.89	cps
Calcium	43-1	19961160	20059512	20157477	20059383	0.49	cps
Calcium	44-1	315095511	321536910	321045346	319225922	1.12	cps
Chromium	52-2	12269	13174	12148	12530	4.48	cps
Cobalt	59-2	15208	15602	15228	15346	1.44	cps
Copper	63-2	11545	11078	11665	11429	2.71	cps
Dysprosium	156-2	597	483	503	528	11.46	cps
Dysprosium	156-1	975	808	975	920	10.47	cps
Erbium	164-1	192	200	167	186	9.32	cps
Erbium	164-2	107	77	97	93	16.37	cps
Gadolinium	160-1	1125	1117	1058	1100	3.30	cps
Gadolinium	160-2	897	943	990	943	4.95	cps
Holmium	165-1	17788714	18321316	18169288	18093106	1.52	cps
Holmium	165-2	9326149	9391452	9580466	9432689	1.40	cps
Indium	115-1	13028915	13059927	13034397	13041079	0.13	cps
Indium	115-2	3080470	3083383	3100704	3088185	0.35	cps
Iron	56-2	926030976	924165910	915055776	921750887	0.64	cps
Iron	57-2	23066673	23344079	23245415	23218723	0.61	cps
Iron	54-2	50183938	50257369	49641920	50027743	0.67	cps
Krypton	83-1	703	600	617	640	8.67	cps
Lead	206-1	11416	11533	11711	11553	1.28	cps
Lead	207-1	9698	9987	9809	9832	1.48	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 14:25:42	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	45381	46549	46082	46004	1.28	cps
Lithium	6-1	3306863	3357180	3369574	3344539	0.99	cps
Magnesium	24-2	189075100	191094954	186756758	188975604	1.15	cps
Manganese	55-2	23642	23642	23723	23669	0.20	cps
Molybdenum	94-1	7452	7227	7202	7294	1.89	cps
Molybdenum	95-1	7869	7869	7952	7897	0.61	cps
Molybdenum	96-1	20866	21116	20507	20830	1.47	cps
Molybdenum	97-1	4818	4818	4726	4787	1.11	cps
Molybdenum	98-1	11405	11105	10763	11091	2.90	cps
Neodymium	150-1	47	60	53	53	12.50	cps
Neodymium	150-2	10	13	33	19	66.81	cps
Nickel	60-2	4157	4064	4067	4096	1.29	cps
Phosphorus	31-2	200	300	233	244	20.83	cps
Potassium	39-2	98232763	100739344	98571342	99181149	1.37	cps
Rhodium	103-1	11643809	11603140	11595333	11614094	0.22	cps
Rhodium	103-2	6092692	6098151	6118806	6103217	0.23	cps
Scandium	45-1	9477556	9716761	9760947	9651755	1.58	cps
Scandium	45-2	598850	601841	609778	603490	0.94	cps
Selenium	82-1	246	306	298	283	11.52	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	165	191	169	175	8.03	cps
Silicon	28-1	988295	991098	987037	988810	0.21	cps
Silver	107-1	7461	7427	6860	7249	4.65	cps
Silver	109-1	6693	6994	6977	6888	2.45	cps
Sodium	23-2	333493516	335884399	337414191	335597369	0.59	cps
Strontium	86-1	23687	24622	24822	24377	2.49	cps
Strontium	88-1	203872	203754	204310	203978	0.14	cps
Sulfur	34-1	626027	630967	640598	632531	1.17	cps
Terbium	159-1	18217971	18432479	18742844	18464431	1.43	cps
Terbium	159-2	9330329	9380153	9422899	9377794	0.49	cps
Thallium	203-1	3551	2967	2492	3003	17.66	cps
Thallium	205-1	8086	7811	6185	7361	13.96	cps
Thorium	232-1	6530	6196	5746	6157	6.39	cps
Tin	118-1	4034	4226	3809	4023	5.19	cps
Titanium	47-1	1300	1117	1300	1239	8.54	cps
Uranium	238-1	4934	5168	4884	4996	3.03	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 14:25:42	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	563	703	663	643	11.21	cps
Yttrium	89-1	21801316	22033180	21908502	21914333	0.53	cps
Yttrium	89-2	3821639	3917814	3896024	3878492	1.30	cps
Zinc	66-2	15802	15996	15645	15814	1.11	cps
Zirconium	91-1	1308	1500	1533	1447	8.39	cps
Zirconium	90-1	6902	6527	6902	6777	3.20	cps

LB Number : lb111461 Operator : JASWAL
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 15:00:08 DataFile Name : 013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	93993	88343	79435	87257	8.41	cps
Antimony	121-1	2386722	2399023	2371269	2385671	0.58	cps
Arsenic	75-2	104529	97809	90971	97769	6.93	cps
Barium	135-1	318734	318653	318993	318793	0.06	cps
Barium	137-1	553990	548500	552207	551566	0.51	cps
Beryllium	9-1	251864	253393	249345	251534	0.81	cps
Bismuth	209-1	12485077	12323347	12305969	12371464	0.80	cps
Bismuth	209-2	6755420	6655003	6719542	6709988	0.76	cps
Boron	11-1	975641	983471	993292	984135	0.90	cps
Boron	10-1	207354	207537	210112	208334	0.74	cps
Bromine	81-1	40699	39898	40399	40332	1.00	cps
Bromine	81-2	100	80	130	103	24.35	cps
Cadmium	106-1	82179	80888	81987	81685	0.85	cps
Cadmium	108-1	42610	44327	42969	43302	2.09	cps
Cadmium	111-1	377398	377727	372407	375844	0.79	cps
Calcium	43-1	95934	97343	96430	96569	0.74	cps
Calcium	44-1	1407784	1414622	1409334	1410580	0.25	cps
Chromium	52-2	495802	469571	419734	461702	8.37	cps
Cobalt	59-2	789273	751496	674988	738586	7.88	cps
Copper	63-2	552273	523472	473437	516394	7.73	cps
Dysprosium	156-2	20	13	17	17	20.01	cps
Dysprosium	156-1	67	25	58	50	44.10	cps
Erbium	164-1	92	67	83	81	15.80	cps
Erbium	164-2	37	57	40	44	24.11	cps
Gadolinium	160-1	167	200	208	192	11.50	cps
Gadolinium	160-2	397	427	460	428	7.41	cps
Holmium	165-1	17985501	18388723	18356220	18243481	1.23	cps
Holmium	165-2	9413123	9400975	9451264	9421787	0.28	cps
Indium	115-1	13675749	13959325	13658013	13764362	1.23	cps
Indium	115-2	3183669	3161756	3178942	3174789	0.36	cps
Iron	56-2	7762110	7201899	6518272	7160760	8.70	cps
Iron	57-2	205386	194384	172741	190837	8.70	cps
Iron	54-2	473403	440676	395724	436601	8.93	cps
Krypton	83-1	630	607	663	633	4.50	cps
Lead	206-1	2342702	2345243	2352573	2346839	0.22	cps
Lead	207-1	1992155	1993158	1994643	1993319	0.06	cps

LB Number : lb111461 Operator : JASWAL
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 15:00:08 DataFile Name : 013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	9297615	9281728	9229527	9269623	0.38	cps
Lithium	6-1	3577951	3589268	3594587	3587269	0.24	cps
Magnesium	24-2	493149	455801	425076	458009	7.44	cps
Manganese	55-2	356378	337234	305278	332963	7.75	cps
Molybdenum	94-1	12858022	12870497	12616245	12781588	1.12	cps
Molybdenum	95-1	16186089	16070418	15764662	16007056	1.36	cps
Molybdenum	96-1	17383342	17683689	17316361	17461131	1.12	cps
Molybdenum	97-1	9845022	9988423	9799846	9877763	1.00	cps
Molybdenum	98-1	25337278	25796301	25259897	25464492	1.14	cps
Neodymium	150-1	73	53	73	67	17.32	cps
Neodymium	150-2	10	7	17	11	45.82	cps
Nickel	60-2	210087	196809	177146	194681	8.51	cps
Phosphorus	31-2	133	242	167	181	30.73	cps
Potassium	39-2	914482	893229	862075	889929	2.96	cps
Rhodium	103-1	13234649	13132081	13182997	13183243	0.39	cps
Rhodium	103-2	6746204	6698352	6759718	6734758	0.48	cps
Scandium	45-1	9637470	9792773	9655099	9695114	0.88	cps
Scandium	45-2	579958	581478	578072	579836	0.29	cps
Selenium	82-1	54153	53472	52588	53405	1.47	cps
Selenium	77-2	3144	2990	2750	2961	6.70	cps
Selenium	78-2	10254	9877	9233	9788	5.28	cps
Silicon	28-1	4683698	4698706	4661249	4681218	0.40	cps
Silver	107-1	809024	811784	801091	807300	0.69	cps
Silver	109-1	758874	772222	764294	765130	0.88	cps
Sodium	23-2	1523144	1469605	1388820	1460523	4.63	cps
Strontium	86-1	2082266	2068716	2055521	2068834	0.65	cps
Strontium	88-1	17542664	17382296	17273374	17399445	0.78	cps
Sulfur	34-1	651315	642561	637934	643936	1.06	cps
Terbium	159-1	18728912	18630295	18865289	18741499	0.63	cps
Terbium	159-2	9425158	9408835	9284843	9372945	0.82	cps
Thallium	203-1	2595361	2685184	2635636	2638727	1.71	cps
Thallium	205-1	6371629	6436632	6416367	6408209	0.52	cps
Thorium	232-1	23805835	23050721	23553729	23470095	1.64	cps
Tin	118-1	4848872	4860052	4839218	4849381	0.22	cps
Titanium	47-1	4844767	4978810	4917710	4913762	1.37	cps
Uranium	238-1	22393047	22817070	22281969	22497362	1.26	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 15:00:08	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	433116	409390	370179	404228	7.86	cps
Yttrium	89-1	22152331	22419146	22267553	22279677	0.60	cps
Yttrium	89-2	3791897	3774416	3769436	3778583	0.31	cps
Zinc	66-2	164022	155262	141932	153739	7.24	cps
Zirconium	91-1	2378157	2374651	2378857	2377222	0.09	cps
Zirconium	90-1	10221511	10269499	10229472	10240161	0.25	cps

LB Number : lb111461 Operator : JASWAL
 Lab Sample ID : LLICV01 Instrumnet Name : P7
 Client Sample ID : LLICV01 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 15:15:11 DataFile Name : 014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4034	3692	3350	3692	9.26	cps
Antimony	121-1	23270	23086	23904	23420	1.83	cps
Arsenic	75-2	485	457	474	472	2.96	cps
Barium	135-1	30158	29315	29607	29693	1.44	cps
Barium	137-1	52616	53596	52650	52954	1.05	cps
Beryllium	9-1	2295	2661	2422	2460	7.57	cps
Bismuth	209-1	12516711	12171128	12515484	12401107	1.61	cps
Bismuth	209-2	6696455	7130944	7182110	7003170	3.81	cps
Boron	11-1	51062	51973	53411	52149	2.27	cps
Boron	10-1	10148	10259	10858	10422	3.66	cps
Bromine	81-1	41494	42271	43349	42371	2.20	cps
Bromine	81-2	40	60	40	47	24.74	cps
Cadmium	106-1	11380	10854	10129	10788	5.82	cps
Cadmium	108-1	308	313	258	293	10.29	cps
Cadmium	111-1	11459	11063	10785	11102	3.05	cps
Calcium	43-1	20949	20974	21107	21010	0.41	cps
Calcium	44-1	359443	354663	358339	357482	0.70	cps
Chromium	52-2	10460	10190	9783	10145	3.36	cps
Cobalt	59-2	7645	7032	6948	7209	5.28	cps
Copper	63-2	14170	12879	12459	13169	6.77	cps
Dysprosium	156-2	23	27	17	22	22.91	cps
Dysprosium	156-1	33	25	17	25	33.32	cps
Erbium	164-1	92	92	58	81	23.89	cps
Erbium	164-2	73	60	60	64	11.94	cps
Gadolinium	160-1	150	158	217	175	20.76	cps
Gadolinium	160-2	403	397	443	414	6.09	cps
Holmium	165-1	18675945	18084172	18122470	18294195	1.81	cps
Holmium	165-2	9549975	9364870	9377732	9430859	1.10	cps
Indium	115-1	14037987	14411563	14189817	14213122	1.32	cps
Indium	115-2	3245899	3222352	3217817	3228689	0.47	cps
Iron	56-2	214306	202310	190714	202443	5.83	cps
Iron	57-2	6112	5657	5868	5879	3.88	cps
Iron	54-2	12137	11777	11707	11874	1.95	cps
Krypton	83-1	587	573	627	596	4.66	cps
Lead	206-1	10237	9715	10243	10065	3.01	cps
Lead	207-1	8686	9003	8542	8744	2.70	cps

LB Number : lb111461 Operator : JASWAL
 Lab Sample ID : LLICV01 Instrumnet Name : P7
 Client Sample ID : LLICV01 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 15:15:11 DataFile Name : 014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	40358	39996	41315	40557	1.68	cps
Lithium	6-1	3682691	3671290	3699692	3684558	0.39	cps
Magnesium	24-2	200364	193341	179301	191002	5.61	cps
Manganese	55-2	3100	2970	2834	2968	4.49	cps
Molybdenum	94-1	26300	26250	25515	26021	1.69	cps
Molybdenum	95-1	33548	32379	32287	32738	2.15	cps
Molybdenum	96-1	35344	36647	34743	35578	2.74	cps
Molybdenum	97-1	19697	19814	20098	19870	1.04	cps
Molybdenum	98-1	50573	52254	50999	51276	1.70	cps
Neodymium	150-1	27	27	20	24	15.75	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	2310	1857	2090	2086	10.87	cps
Phosphorus	31-2	158	150	225	178	23.12	cps
Potassium	39-2	281762	276145	266589	274832	2.79	cps
Rhodium	103-1	13535634	13489964	13454190	13493263	0.30	cps
Rhodium	103-2	6837759	6735824	6798597	6790726	0.76	cps
Scandium	45-1	10052915	10052298	9971662	10025625	0.47	cps
Scandium	45-2	597752	592033	591623	593803	0.58	cps
Selenium	82-1	1452	1433	1469	1451	1.23	cps
Selenium	77-2	67	67	60	64	5.98	cps
Selenium	78-2	409	365	393	389	5.77	cps
Silicon	28-1	681741	679213	682206	681053	0.24	cps
Silver	107-1	16360	15792	16151	16101	1.78	cps
Silver	109-1	15576	15626	15559	15587	0.22	cps
Sodium	23-2	401942	383523	371708	385724	3.95	cps
Strontium	86-1	5960	5476	5435	5623	5.19	cps
Strontium	88-1	37959	38268	37199	37809	1.46	cps
Sulfur	34-1	703547	708462	696390	702800	0.86	cps
Terbium	159-1	18659813	18317902	18600214	18525976	0.99	cps
Terbium	159-2	9477291	9340894	9221129	9346438	1.37	cps
Thallium	203-1	11906	11489	11580	11658	1.88	cps
Thallium	205-1	28406	28156	28991	28517	1.50	cps
Thorium	232-1	978	961	833	924	8.55	cps
Tin	118-1	50934	51704	49897	50845	1.78	cps
Titanium	47-1	9186	9645	9278	9370	2.59	cps
Uranium	238-1	40647	39251	41241	40380	2.53	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 15:15:11	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	19960	18879	17334	18724	7.05	cps
Yttrium	89-1	22902076	22745675	22657791	22768514	0.54	cps
Yttrium	89-2	3876539	3818918	3825122	3840193	0.82	cps
Zinc	66-2	2204	2120	2567	2297	10.34	cps
Zirconium	91-1	5209	5193	4826	5076	4.27	cps
Zirconium	90-1	22618	22502	22610	22577	0.29	cps

LB Number : lb111461 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 15:18:42 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	192	133	144	29.60	cps
Antimony	121-1	133	200	192	175	20.76	cps
Arsenic	75-2	4	6	2	4	50.09	cps
Barium	135-1	83	25	50	53	55.46	cps
Barium	137-1	108	125	67	100	30.04	cps
Beryllium	9-1	11	22	56	30	78.07	cps
Bismuth	209-1	12327925	12513548	12365262	12402245	0.79	cps
Bismuth	209-2	7115035	6672576	6721243	6836285	3.55	cps
Boron	11-1	11355	11221	11655	11410	1.95	cps
Boron	10-1	2484	2084	2492	2353	9.92	cps
Bromine	81-1	42639	42054	42530	42408	0.73	cps
Bromine	81-2	30	80	50	53	47.19	cps
Cadmium	106-1	10638	10955	11105	10899	2.19	cps
Cadmium	108-1	46	33	25	35	30.20	cps
Cadmium	111-1	7427	7662	7802	7630	2.48	cps
Calcium	43-1	300	292	233	275	13.21	cps
Calcium	44-1	19268	20326	19291	19628	3.08	cps
Chromium	52-2	1040	973	1027	1013	3.48	cps
Cobalt	59-2	93	150	80	108	34.49	cps
Copper	63-2	2717	2597	2454	2589	5.09	cps
Dysprosium	156-2	23	7	3	11	96.43	cps
Dysprosium	156-1	50	17	50	39	49.48	cps
Erbium	164-1	58	58	75	64	15.05	cps
Erbium	164-2	50	27	50	42	31.90	cps
Gadolinium	160-1	183	142	150	158	13.93	cps
Gadolinium	160-2	447	407	343	399	13.06	cps
Holmium	165-1	18104741	18523727	18136786	18255085	1.28	cps
Holmium	165-2	9239298	9234105	9349334	9274245	0.70	cps
Indium	115-1	13940571	14207571	14045959	14064700	0.96	cps
Indium	115-2	3228736	3188474	3219954	3212388	0.66	cps
Iron	56-2	9837	9776	9976	9863	1.04	cps
Iron	57-2	767	839	872	826	6.53	cps
Iron	54-2	1191	1371	1281	1281	7.03	cps
Krypton	83-1	683	677	680	680	0.49	cps
Lead	206-1	506	517	539	520	3.26	cps
Lead	207-1	450	478	567	498	12.23	cps

LB Number : lb111461 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 15:18:42 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	2178	2111	2172	2154	1.72	cps
Lithium	6-1	3679398	3797505	3683775	3720226	1.80	cps
Magnesium	24-2	225	275	317	272	16.86	cps
Manganese	55-2	107	100	110	106	4.82	cps
Molybdenum	94-1	358	450	433	414	11.80	cps
Molybdenum	95-1	200	192	100	164	33.86	cps
Molybdenum	96-1	333	308	292	311	6.74	cps
Molybdenum	97-1	67	167	125	119	42.05	cps
Molybdenum	98-1	225	158	358	247	41.19	cps
Neodymium	150-1	13	27	13	18	43.33	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	37	53	63	51	26.35	cps
Phosphorus	31-2	117	117	183	139	27.71	cps
Potassium	39-2	73842	70986	71799	72209	2.04	cps
Rhodium	103-1	13433399	13604358	13430101	13489286	0.74	cps
Rhodium	103-2	6721418	6614897	6902855	6746390	2.16	cps
Scandium	45-1	9748096	10023415	9802625	9858045	1.48	cps
Scandium	45-2	593574	587458	593044	591359	0.57	cps
Selenium	82-1	-23	-3	-21	-15	-72.30	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	194	161	139	165	16.97	cps
Silicon	28-1	586618	584845	586971	586145	0.19	cps
Silver	107-1	167	125	175	156	17.22	cps
Silver	109-1	42	50	67	53	24.12	cps
Sodium	23-2	34356	33671	32477	33502	2.84	cps
Strontium	86-1	1100	975	1025	1033	6.09	cps
Strontium	88-1	317	317	242	292	14.85	cps
Sulfur	34-1	712620	707408	719687	713239	0.86	cps
Terbium	159-1	18373238	19174715	18654236	18734063	2.17	cps
Terbium	159-2	9194766	9376337	9282466	9284523	0.98	cps
Thallium	203-1	158	233	183	192	19.92	cps
Thallium	205-1	333	350	433	372	14.39	cps
Thorium	232-1	1033	1406	1172	1204	15.63	cps
Tin	118-1	1475	1583	2712	1923	35.60	cps
Titanium	47-1	167	183	225	192	15.68	cps
Uranium	238-1	100	108	167	125	29.06	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 15:18:42	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	23	7	17	16	53.90	cps
Yttrium	89-1	22413146	22649591	22346717	22469818	0.71	cps
Yttrium	89-2	3833111	3802108	3852910	3829377	0.67	cps
Zinc	66-2	403	783	1097	761	45.62	cps
Zirconium	91-1	192	183	183	186	2.58	cps
Zirconium	90-1	1275	1267	1267	1270	0.38	cps

LB Number : lb111461 Operator : JASWAL
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 15:22:13 DataFile Name : 016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16583553	16120140	15609933	16104542	3.02	cps
Antimony	121-1	13574	13382	14383	13779	3.86	cps
Arsenic	75-2	170	196	174	180	7.78	cps
Barium	135-1	4534	4351	4226	4370	3.55	cps
Barium	137-1	7811	7410	7627	7616	2.63	cps
Beryllium	9-1	761	694	722	726	4.61	cps
Bismuth	209-1	11729372	11493239	11487121	11569911	1.19	cps
Bismuth	209-2	6216574	6305306	6294873	6272251	0.77	cps
Boron	11-1	11154	10896	10504	10851	3.02	cps
Boron	10-1	2396	2254	2137	2262	5.72	cps
Bromine	81-1	43408	44453	45965	44609	2.88	cps
Bromine	81-2	260	190	200	217	17.47	cps
Cadmium	106-1	10379	10638	9920	10312	3.52	cps
Cadmium	108-1	3946	4155	3638	3913	6.64	cps
Cadmium	111-1	8899	9026	8986	8971	0.72	cps
Calcium	43-1	4192005	4183741	4146299	4174015	0.58	cps
Calcium	44-1	61495107	61455828	61498710	61483215	0.04	cps
Chromium	52-2	96845	95929	92437	95071	2.45	cps
Cobalt	59-2	9170	9190	8996	9118	1.17	cps
Copper	63-2	41278	42017	40549	41281	1.78	cps
Dysprosium	156-2	33	30	40	34	14.78	cps
Dysprosium	156-1	17	83	42	47	71.32	cps
Erbium	164-1	108	125	133	122	10.41	cps
Erbium	164-2	63	47	57	56	15.09	cps
Gadolinium	160-1	242	200	217	219	9.56	cps
Gadolinium	160-2	403	497	403	434	12.40	cps
Holmium	165-1	18566809	18144335	18291406	18334183	1.17	cps
Holmium	165-2	9354599	9523738	9509733	9462690	0.99	cps
Indium	115-1	13514203	13587390	13881279	13660957	1.42	cps
Indium	115-2	3096363	3118790	3156381	3123845	0.97	cps
Iron	56-2	378028075	378346520	368735853	375036816	1.46	cps
Iron	57-2	9532497	9181752	8971056	9228435	3.07	cps
Iron	54-2	20675320	20617284	19817604	20370069	2.35	cps
Krypton	83-1	690	653	690	678	3.12	cps
Lead	206-1	66655	68022	67263	67314	1.02	cps
Lead	207-1	55220	55487	55354	55354	0.24	cps

LB Number : lb111461 Operator : JASWAL
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 15:22:13 DataFile Name : 016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	256683	259518	255206	257136	0.85	cps
Lithium	6-1	3463871	3465136	3461349	3463452	0.06	cps
Magnesium	24-2	36382306	35849616	34554320	35595414	2.64	cps
Manganese	55-2	24240	23729	23379	23783	1.82	cps
Molybdenum	94-1	6806587	6721382	6819889	6782620	0.79	cps
Molybdenum	95-1	11936827	12025720	12037745	12000097	0.46	cps
Molybdenum	96-1	12568560	12678438	12613542	12620180	0.44	cps
Molybdenum	97-1	7504963	7572522	7288951	7455479	1.99	cps
Molybdenum	98-1	19135332	19095015	18937114	19055820	0.55	cps
Neodymium	150-1	67	67	40	58	26.65	cps
Neodymium	150-2	30	20	33	28	24.98	cps
Nickel	60-2	10464	10751	10310	10508	2.13	cps
Phosphorus	31-2	1075471	1059370	1024699	1053180	2.46	cps
Potassium	39-2	38662261	38294644	37180958	38045954	2.03	cps
Rhodium	103-1	12669349	12417070	12665542	12583987	1.15	cps
Rhodium	103-2	6235680	6507665	6400023	6381123	2.15	cps
Scandium	45-1	9856368	9668357	9702481	9742402	1.03	cps
Scandium	45-2	582148	589924	585358	585810	0.67	cps
Selenium	82-1	50	50	99	66	42.67	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	178	167	156	167	6.67	cps
Silicon	28-1	755953	760248	767925	761375	0.80	cps
Silver	107-1	683	775	758	739	6.61	cps
Silver	109-1	383	575	450	469	20.73	cps
Sodium	23-2	67615695	66488906	64300708	66135103	2.55	cps
Strontium	86-1	149605	148947	149015	149189	0.24	cps
Strontium	88-1	1270447	1287521	1293529	1283832	0.93	cps
Sulfur	34-1	7479358	7598101	7602942	7560134	0.93	cps
Terbium	159-1	18791401	18932210	18683115	18802242	0.66	cps
Terbium	159-2	9291470	9363121	9465617	9373403	0.93	cps
Thallium	203-1	3684	3584	4543	3937	13.39	cps
Thallium	205-1	8711	9012	10863	9529	12.23	cps
Thorium	232-1	839	850	922	870	5.20	cps
Tin	118-1	3000	3025	3342	3123	6.10	cps
Titanium	47-1	3790653	3813912	3782938	3795834	0.42	cps
Uranium	238-1	625	875	858	786	17.78	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 15:22:13	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	697	767	727	730	4.81	cps
Yttrium	89-1	22386656	22304184	22737866	22476235	1.02	cps
Yttrium	89-2	3796981	3823383	3872856	3831073	1.01	cps
Zinc	66-2	8889	9283	9050	9074	2.18	cps
Zirconium	91-1	267	250	233	250	6.67	cps
Zirconium	90-1	1475	1742	1417	1545	11.22	cps

LB Number : lb111461 Operator : JASWAL
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 15:25:38 DataFile Name : 017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16543157	16340105	15429385	16104216	3.68	cps
Antimony	121-1	249345	253519	254267	252377	1.05	cps
Arsenic	75-2	10463	10387	9787	10212	3.63	cps
Barium	135-1	66031	68041	65354	66475	2.10	cps
Barium	137-1	117056	119503	116189	117583	1.46	cps
Beryllium	9-1	47736	47970	47937	47881	0.26	cps
Bismuth	209-1	11756220	11994871	11703982	11818358	1.31	cps
Bismuth	209-2	6337201	6359274	6375434	6357303	0.30	cps
Boron	11-1	101497	102932	103443	102624	0.98	cps
Boron	10-1	21095	21939	21455	21496	1.97	cps
Bromine	81-1	45949	45740	46927	46205	1.37	cps
Bromine	81-2	290	270	260	274	5.59	cps
Cadmium	106-1	20599	21993	21250	21280	3.28	cps
Cadmium	108-1	9974	9653	10087	9905	2.27	cps
Cadmium	111-1	76374	79304	76211	77296	2.25	cps
Calcium	43-1	4199996	4287309	4208103	4231803	1.14	cps
Calcium	44-1	62165624	62434305	61968496	62189475	0.38	cps
Chromium	52-2	197439	192843	182356	190879	4.05	cps
Cobalt	59-2	162201	161190	151517	158303	3.73	cps
Copper	63-2	145778	146221	137195	143064	3.56	cps
Dysprosium	156-2	23	40	70	44	53.21	cps
Dysprosium	156-1	75	67	92	78	16.37	cps
Erbium	164-1	92	158	175	142	31.13	cps
Erbium	164-2	50	70	67	62	17.22	cps
Gadolinium	160-1	225	208	208	214	4.50	cps
Gadolinium	160-2	363	447	527	446	18.33	cps
Holmium	165-1	18573900	18843490	19066488	18827959	1.31	cps
Holmium	165-2	9660339	9605485	9542004	9602609	0.62	cps
Indium	115-1	14220316	14149191	14020927	14130145	0.72	cps
Indium	115-2	3185178	3176121	3219902	3193734	0.72	cps
Iron	56-2	387908020	379429720	355537186	374291642	4.48	cps
Iron	57-2	9582573	9517055	8925890	9341840	3.87	cps
Iron	54-2	20851373	20558503	19467432	20292436	3.59	cps
Krypton	83-1	707	680	687	691	2.01	cps
Lead	206-1	258355	263444	258382	260060	1.13	cps
Lead	207-1	216413	219202	217601	217739	0.64	cps

LB Number : lb111461 Operator : JASWAL
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 15:25:38 DataFile Name : 017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	1012498	1017586	1010443	1013509	0.36	cps
Lithium	6-1	3424352	3457024	3460426	3447267	0.58	cps
Magnesium	24-2	36699050	35909300	34299618	35635989	3.43	cps
Manganese	55-2	83669	82791	78917	81792	3.09	cps
Molybdenum	94-1	7456962	7547815	7473848	7492875	0.64	cps
Molybdenum	95-1	12403079	12445871	12533536	12460829	0.53	cps
Molybdenum	96-1	13104406	13238821	13315177	13219468	0.81	cps
Molybdenum	97-1	7732779	7860332	7662216	7751776	1.30	cps
Molybdenum	98-1	19850822	19896172	19842551	19863182	0.15	cps
Neodymium	150-1	60	73	53	62	16.37	cps
Neodymium	150-2	17	13	37	22	56.80	cps
Nickel	60-2	50714	49975	46614	49101	4.45	cps
Phosphorus	31-2	1083470	1066378	1024178	1058009	2.88	cps
Potassium	39-2	39168385	38905633	38478824	38850947	0.90	cps
Rhodium	103-1	12967000	12782498	12869328	12872942	0.72	cps
Rhodium	103-2	6616797	6440644	6548347	6535263	1.36	cps
Scandium	45-1	10057119	10091355	10049369	10065948	0.22	cps
Scandium	45-2	603749	610902	614899	609850	0.93	cps
Selenium	82-1	5222	5362	5181	5255	1.81	cps
Selenium	77-2	277	313	277	289	7.33	cps
Selenium	78-2	1107	1289	1180	1192	7.67	cps
Silicon	28-1	1261879	1262788	1261660	1262109	0.05	cps
Silver	107-1	295766	305256	299482	300168	1.59	cps
Silver	109-1	284464	289197	286299	286653	0.83	cps
Sodium	23-2	67914464	67458760	64465885	66613036	2.81	cps
Strontium	86-1	398913	398328	395599	397613	0.44	cps
Strontium	88-1	3416917	3444604	3412883	3424802	0.50	cps
Sulfur	34-1	7701580	7808947	7685403	7731977	0.87	cps
Terbium	159-1	19104152	19350768	18871636	19108852	1.25	cps
Terbium	159-2	9433942	9482926	9729284	9548717	1.66	cps
Thallium	203-1	239946	245824	238321	241364	1.64	cps
Thallium	205-1	571209	602398	574896	582834	2.92	cps
Thorium	232-1	31600	32897	32412	32303	2.03	cps
Tin	118-1	568076	576623	567728	570809	0.88	cps
Titanium	47-1	3945801	4003060	3942022	3963628	0.86	cps
Uranium	238-1	2337657	2313337	2325996	2325663	0.52	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 15:25:38	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	82284	80055	76718	79686	3.52	cps
Yttrium	89-1	22805210	23162664	22980635	22982836	0.78	cps
Yttrium	89-2	3926279	3929040	3983589	3946303	0.82	cps
Zinc	66-2	24945	24905	24951	24934	0.10	cps
Zirconium	91-1	282394	287527	280712	283544	1.25	cps
Zirconium	90-1	1286292	1283484	1264956	1278244	0.91	cps

LB Number : lb111461 Operator : JASWAL
 Lab Sample ID : CCV01 Instrumnet Name : P7
 Client Sample ID : CCV01 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 15:29:04 DataFile Name : 018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8593204	8479339	8412415	8494986	1.08	cps
Antimony	121-1	5768085	5905362	5802100	5825182	1.23	cps
Arsenic	75-2	247851	249004	245202	247352	0.79	cps
Barium	135-1	7556412	7788580	7617134	7654042	1.57	cps
Barium	137-1	13412166	13548169	13409263	13456533	0.59	cps
Beryllium	9-1	1155049	1169736	1153775	1159520	0.76	cps
Bismuth	209-1	11044595	11292300	11207044	11181313	1.13	cps
Bismuth	209-2	6017424	6008315	5989135	6004958	0.24	cps
Boron	11-1	837250	833692	832404	834448	0.30	cps
Boron	10-1	180076	181042	179751	180290	0.37	cps
Bromine	81-1	45021	44344	44954	44773	0.83	cps
Bromine	81-2	100	130	140	123	16.88	cps
Cadmium	106-1	212925	216550	215902	215126	0.90	cps
Cadmium	108-1	141529	140279	138799	140203	0.97	cps
Cadmium	111-1	1799024	1829355	1786030	1804803	1.23	cps
Calcium	43-1	9691984	9795178	9718391	9735184	0.55	cps
Calcium	44-1	156125200	157628545	152755839	155503194	1.60	cps
Chromium	52-2	2461828	2457403	2412880	2444037	1.11	cps
Cobalt	59-2	3696051	3677665	3667083	3680267	0.40	cps
Copper	63-2	25243664	24839079	24834323	24972355	0.94	cps
Dysprosium	156-2	487	473	547	502	7.78	cps
Dysprosium	156-1	600	700	767	689	12.18	cps
Erbium	164-1	200	158	142	167	18.03	cps
Erbium	164-2	40	103	100	81	43.94	cps
Gadolinium	160-1	692	608	642	647	6.48	cps
Gadolinium	160-2	667	727	713	702	4.49	cps
Holmium	165-1	18075212	18578876	18303758	18319282	1.38	cps
Holmium	165-2	9539026	9389614	9449398	9459346	0.79	cps
Indium	115-1	13392184	13672024	13467477	13510562	1.07	cps
Indium	115-2	3082595	3058631	3070926	3070717	0.39	cps
Iron	56-2	464738488	458442044	457047232	460075921	0.89	cps
Iron	57-2	11632527	11378479	11292144	11434383	1.55	cps
Iron	54-2	25256960	25150073	24978451	25128494	0.56	cps
Krypton	83-1	650	637	637	641	1.20	cps
Lead	206-1	26051580	26813712	26291761	26385684	1.48	cps
Lead	207-1	23863399	24018540	23778896	23886945	0.51	cps

LB Number : lb111461 Operator : JASWAL
 Lab Sample ID : CCV01 Instrumnet Name : P7
 Client Sample ID : CCV01 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 15:29:04 DataFile Name : 018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	106198703	108342328	106784694	107108575	1.03	cps
Lithium	6-1	3317388	3378315	3338604	3344769	0.92	cps
Magnesium	24-2	95040017	94955067	94483142	94826075	0.32	cps
Manganese	55-2	15120549	14746609	15029343	14965500	1.30	cps
Molybdenum	94-1	13070314	13057164	12872202	12999893	0.85	cps
Molybdenum	95-1	16029127	16088368	15793491	15970328	0.98	cps
Molybdenum	96-1	17640145	17595745	17072666	17436185	1.81	cps
Molybdenum	97-1	9840836	9925758	9661212	9809269	1.38	cps
Molybdenum	98-1	25448566	25643402	24972031	25354666	1.36	cps
Neodymium	150-1	700	727	620	682	8.14	cps
Neodymium	150-2	87	83	73	81	8.56	cps
Nickel	60-2	951868	943678	931364	942303	1.10	cps
Phosphorus	31-2	110783	111102	112664	111516	0.90	cps
Potassium	39-2	50548348	49957151	49339979	49948493	1.21	cps
Rhodium	103-1	12307431	12446423	12280482	12344779	0.72	cps
Rhodium	103-2	6215313	6293297	6187788	6232133	0.88	cps
Scandium	45-1	9821179	9798827	9820857	9813621	0.13	cps
Scandium	45-2	591954	590967	594302	592407	0.29	cps
Selenium	82-1	121947	123275	122080	122434	0.60	cps
Selenium	77-2	6935	6842	6705	6827	1.70	cps
Selenium	78-2	23395	23436	23235	23355	0.45	cps
Silicon	28-1	6400068	6475738	6476733	6450847	0.68	cps
Silver	107-1	7656728	7786257	7711658	7718215	0.84	cps
Silver	109-1	7286003	7423181	7215117	7308100	1.45	cps
Sodium	23-2	167480487	168509712	164735620	166908607	1.17	cps
Strontium	86-1	2217875	2215400	2188912	2207395	0.73	cps
Strontium	88-1	18910589	19030150	18862068	18934269	0.46	cps
Sulfur	34-1	1337476	1335778	1334651	1335968	0.11	cps
Terbium	159-1	18551826	18717176	18771629	18680210	0.61	cps
Terbium	159-2	9257192	9344130	9336439	9312587	0.52	cps
Thallium	203-1	5730417	5823037	5720631	5758028	0.98	cps
Thallium	205-1	14567372	14809780	14509319	14628824	1.09	cps
Thorium	232-1	23506143	23866373	23729104	23700540	0.77	cps
Tin	118-1	5039716	5111931	5048628	5066758	0.78	cps
Titanium	47-1	4852074	4796322	4802998	4817131	0.63	cps
Uranium	238-1	23355249	22892958	22777223	23008477	1.33	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 15:29:04	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2092882	2070907	2036415	2066735	1.38	cps
Yttrium	89-1	22539813	22519501	22416440	22491918	0.29	cps
Yttrium	89-2	3848067	3852496	3816426	3838996	0.51	cps
Zinc	66-2	4171765	4182755	4142490	4165670	0.50	cps
Zirconium	91-1	2557264	2568553	2559662	2561826	0.23	cps
Zirconium	90-1	11094967	11026117	11034110	11051732	0.34	cps

LB Number : lb111461 Operator : JASWAL
 Lab Sample ID : CCB01 Instrumnet Name : P7
 Client Sample ID : CCB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 15:42:58 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	508	483	433	475	8.04	cps
Antimony	121-1	492	483	383	453	13.31	cps
Arsenic	75-2	20	17	19	19	9.99	cps
Barium	135-1	217	133	108	153	37.13	cps
Barium	137-1	283	167	125	192	42.82	cps
Beryllium	9-1	78	83	39	67	36.32	cps
Bismuth	209-1	12397646	12264865	12467512	12376674	0.83	cps
Bismuth	209-2	7306418	7295778	6764138	7122111	4.35	cps
Boron	11-1	12088	12147	12063	12099	0.35	cps
Boron	10-1	2609	2442	2492	2514	3.40	cps
Bromine	81-1	46626	45030	47127	46261	2.37	cps
Bromine	81-2	80	110	110	100	17.32	cps
Cadmium	106-1	10362	10696	10896	10651	2.53	cps
Cadmium	108-1	21	33	29	28	22.92	cps
Cadmium	111-1	7272	7506	7657	7478	2.59	cps
Calcium	43-1	525	442	442	469	10.25	cps
Calcium	44-1	23291	23916	23635	23614	1.33	cps
Chromium	52-2	1020	1060	1113	1064	4.40	cps
Cobalt	59-2	127	107	133	122	11.35	cps
Copper	63-2	3007	3194	3090	3097	3.02	cps
Dysprosium	156-2	17	23	3	14	70.51	cps
Dysprosium	156-1	25	42	50	39	32.73	cps
Erbium	164-1	50	100	133	94	44.41	cps
Erbium	164-2	43	60	47	50	17.64	cps
Gadolinium	160-1	233	242	158	211	21.74	cps
Gadolinium	160-2	407	463	440	437	6.52	cps
Holmium	165-1	18895818	18503577	18517455	18638950	1.19	cps
Holmium	165-2	9432182	9657182	9554338	9547901	1.18	cps
Indium	115-1	14802457	14273160	14704692	14593437	1.93	cps
Indium	115-2	3332247	3335825	3407469	3358514	1.26	cps
Iron	56-2	19430	20231	20042	19901	2.10	cps
Iron	57-2	1133	1095	950	1059	9.12	cps
Iron	54-2	1782	1942	1722	1815	6.27	cps
Krypton	83-1	660	683	643	662	3.03	cps
Lead	206-1	3473	3867	3756	3699	5.50	cps
Lead	207-1	3334	3228	3245	3269	1.74	cps

LB Number : lb111461 Operator : JASWAL
 Lab Sample ID : CCB01 Instrumnet Name : P7
 Client Sample ID : CCB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 15:42:58 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	14737	15315	15104	15052	1.94	cps
Lithium	6-1	3547470	3546042	3589252	3560921	0.69	cps
Magnesium	24-2	1683	1858	1959	1833	7.59	cps
Manganese	55-2	283	260	297	280	6.63	cps
Molybdenum	94-1	708	575	642	642	10.39	cps
Molybdenum	95-1	342	375	450	389	14.27	cps
Molybdenum	96-1	675	608	633	639	5.27	cps
Molybdenum	97-1	267	350	308	308	13.51	cps
Molybdenum	98-1	675	683	733	697	4.52	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	70	60	90	73	20.83	cps
Phosphorus	31-2	158	150	125	144	12.01	cps
Potassium	39-2	78206	82084	79085	79792	2.55	cps
Rhodium	103-1	14115233	13501333	13840250	13818939	2.23	cps
Rhodium	103-2	7010245	7062987	7197063	7090098	1.36	cps
Scandium	45-1	10428126	10175117	10194919	10266054	1.37	cps
Scandium	45-2	621397	625513	635148	627352	1.13	cps
Selenium	82-1	45	36	55	46	20.89	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	161	185	163	170	7.89	cps
Silicon	28-1	577629	584296	576025	579317	0.76	cps
Silver	107-1	317	350	350	339	5.68	cps
Silver	109-1	175	225	250	217	17.62	cps
Sodium	23-2	46013	47576	47300	46963	1.78	cps
Strontium	86-1	1125	1125	1150	1133	1.27	cps
Strontium	88-1	400	542	675	539	25.52	cps
Sulfur	34-1	674213	668798	670570	671194	0.41	cps
Terbium	159-1	19057078	18673895	19169796	18966923	1.37	cps
Terbium	159-2	9443235	9420571	9729545	9531117	1.81	cps
Thallium	203-1	1558	1525	1617	1567	2.96	cps
Thallium	205-1	3667	3459	4176	3767	9.79	cps
Thorium	232-1	756	989	878	874	13.35	cps
Tin	118-1	1400	1292	1392	1361	4.43	cps
Titanium	47-1	275	267	242	261	6.65	cps
Uranium	238-1	258	258	233	250	5.77	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 15:42:58	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	60	40	40	47	24.74	cps
Yttrium	89-1	23540969	23253727	23508396	23434364	0.67	cps
Yttrium	89-2	4014719	4006118	4072964	4031267	0.90	cps
Zinc	66-2	433	720	867	673	32.73	cps
Zirconium	91-1	267	175	258	233	21.72	cps
Zirconium	90-1	1383	1442	1308	1378	4.85	cps

LB Number : lb111461 Operator : JASWAL
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 15:46:27 DataFile Name : 020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4559	3917	3851	4109	9.52	cps
Antimony	121-1	24923	24881	24647	24817	0.60	cps
Arsenic	75-2	544	526	519	530	2.52	cps
Barium	135-1	31678	30960	31436	31358	1.17	cps
Barium	137-1	56039	56214	54942	55732	1.24	cps
Beryllium	9-1	2684	2550	2534	2589	3.18	cps
Bismuth	209-1	12336916	12578211	12418520	12444549	0.99	cps
Bismuth	209-2	7316001	7315792	6708880	7113558	4.93	cps
Boron	11-1	50150	51354	50953	50819	1.21	cps
Boron	10-1	10334	10733	10533	10534	1.90	cps
Bromine	81-1	45949	44795	46083	45609	1.55	cps
Bromine	81-2	90	80	80	83	6.93	cps
Cadmium	106-1	11972	10471	11472	11305	6.76	cps
Cadmium	108-1	308	338	354	333	6.96	cps
Cadmium	111-1	11986	10944	11579	11503	4.57	cps
Calcium	43-1	22484	22609	22851	22648	0.82	cps
Calcium	44-1	381300	376421	376334	378018	0.75	cps
Chromium	52-2	11588	11054	10337	10993	5.71	cps
Cobalt	59-2	8182	7892	7595	7890	3.72	cps
Copper	63-2	14938	14104	13823	14288	4.06	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Dysprosium	156-1	33	42	42	39	12.38	cps
Erbium	164-1	58	42	67	56	22.91	cps
Erbium	164-2	27	57	73	52	45.28	cps
Gadolinium	160-1	258	183	167	203	24.08	cps
Gadolinium	160-2	413	423	457	431	5.26	cps
Holmium	165-1	18544791	18384338	19066221	18665117	1.91	cps
Holmium	165-2	9716512	9536322	9538801	9597211	1.08	cps
Indium	115-1	14648208	14418848	14844940	14637332	1.46	cps
Indium	115-2	3388509	3407167	3402720	3399466	0.29	cps
Iron	56-2	236490	225002	208834	223442	6.22	cps
Iron	57-2	6635	6496	5979	6370	5.43	cps
Iron	54-2	13891	13841	12107	13280	7.65	cps
Krypton	83-1	657	723	633	671	6.96	cps
Lead	206-1	12000	12439	12617	12352	2.57	cps
Lead	207-1	10844	11010	10343	10732	3.24	cps

LB Number : lb111461 Operator : JASWAL
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 15:46:27 DataFile Name : 020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	49170	49692	49131	49331	0.64	cps
Lithium	6-1	3588165	3561927	3590739	3580277	0.45	cps
Magnesium	24-2	219171	208421	191895	206496	6.65	cps
Manganese	55-2	3547	3220	3097	3288	7.07	cps
Molybdenum	94-1	27485	27602	28136	27741	1.25	cps
Molybdenum	95-1	34484	32980	34743	34069	2.79	cps
Molybdenum	96-1	37483	37801	37634	37639	0.42	cps
Molybdenum	97-1	20941	19906	21516	20788	3.93	cps
Molybdenum	98-1	54571	54421	53200	54064	1.39	cps
Neodymium	150-1	13	20	13	16	24.76	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	2350	2294	2120	2255	5.32	cps
Phosphorus	31-2	150	133	167	150	11.11	cps
Potassium	39-2	308260	303813	295183	302419	2.20	cps
Rhodium	103-1	14101372	13834846	14127164	14021127	1.15	cps
Rhodium	103-2	7189938	7197433	7111219	7166197	0.67	cps
Scandium	45-1	10323329	10294320	10331695	10316448	0.19	cps
Scandium	45-2	638775	634110	632516	635133	0.51	cps
Selenium	82-1	1456	1353	1385	1398	3.75	cps
Selenium	77-2	80	60	107	82	28.48	cps
Selenium	78-2	450	407	413	423	5.47	cps
Silicon	28-1	679969	680568	677568	679368	0.23	cps
Silver	107-1	16402	16343	16368	16371	0.18	cps
Silver	109-1	16410	15818	15267	15831	3.61	cps
Sodium	23-2	440504	424582	404989	423358	4.20	cps
Strontium	86-1	5751	5451	5168	5457	5.35	cps
Strontium	88-1	39480	39255	40633	39789	1.86	cps
Sulfur	34-1	677917	669286	667999	671734	0.80	cps
Terbium	159-1	19299226	19015599	19129970	19148265	0.75	cps
Terbium	159-2	9707429	9542020	9590240	9613230	0.88	cps
Thallium	203-1	13541	13107	13123	13257	1.85	cps
Thallium	205-1	31237	32139	32114	31830	1.61	cps
Thorium	232-1	733	606	661	667	9.61	cps
Tin	118-1	53761	52649	53879	53430	1.27	cps
Titanium	47-1	10270	9970	10446	10229	2.35	cps
Uranium	238-1	40330	39761	40581	40224	1.04	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 15:46:27	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	21756	20705	19133	20531	6.43	cps
Yttrium	89-1	23629520	23536191	23700711	23622141	0.35	cps
Yttrium	89-2	4098422	4074608	4092240	4088423	0.30	cps
Zinc	66-2	2394	2454	2654	2500	5.45	cps
Zirconium	91-1	5368	5626	5576	5523	2.48	cps
Zirconium	90-1	24764	24346	25206	24772	1.74	cps

LB Number : lb111461 Operator : JASWAL
 Lab Sample ID : L3972-02 Instrumnet Name : P7
 Client Sample ID : PT-TM1-WP Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 15:58:28 DataFile Name : 021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	531437	522743	489098	514426	4.35	cps
Antimony	121-1	4104496	4149338	4069364	4107733	0.98	cps
Arsenic	75-2	283148	278500	263184	274944	3.80	cps
Barium	135-1	4445075	4445308	4532203	4474195	1.12	cps
Barium	137-1	7689804	7762397	7873448	7775216	1.19	cps
Beryllium	9-1	373288	377236	371462	373995	0.79	cps
Bismuth	209-1	12766310	12511529	12698441	12658760	1.04	cps
Bismuth	209-2	7296697	7359533	7264478	7306903	0.66	cps
Boron	11-1	3109899	3134842	3167982	3137575	0.93	cps
Boron	10-1	642792	657562	663414	654590	1.62	cps
Bromine	81-1	44996	44862	45589	45149	0.86	cps
Bromine	81-2	170	90	70	110	48.11	cps
Cadmium	106-1	142964	147951	145044	145320	1.72	cps
Cadmium	108-1	99692	101081	98669	99814	1.21	cps
Cadmium	111-1	1503228	1498620	1488626	1496825	0.50	cps
Calcium	43-1	2017	2434	2534	2328	11.77	cps
Calcium	44-1	-52582	-53402	-52234	-52739	-1.14	cps
Chromium	52-2	1267681	1238907	1160451	1222346	4.54	cps
Cobalt	59-2	4851584	4747323	4503052	4700653	3.81	cps
Copper	63-2	1346096	1320556	1250102	1305585	3.81	cps
Dysprosium	156-2	170	130	133	144	15.36	cps
Dysprosium	156-1	75	83	58	72	17.63	cps
Erbium	164-1	92	142	100	111	24.11	cps
Erbium	164-2	47	63	57	56	15.09	cps
Gadolinium	160-1	133	150	150	144	6.66	cps
Gadolinium	160-2	410	430	433	424	2.97	cps
Holmium	165-1	18780371	18646836	18868309	18765172	0.59	cps
Holmium	165-2	9832448	9633296	9677844	9714529	1.08	cps
Indium	115-1	14946296	14738143	14830627	14838355	0.70	cps
Indium	115-2	3360899	3377050	3309108	3349019	1.06	cps
Iron	56-2	13962180	13628194	12765834	13452069	4.59	cps
Iron	57-2	365306	354424	332713	350814	4.73	cps
Iron	54-2	857066	833716	782703	824495	4.61	cps
Krypton	83-1	687	673	723	694	3.73	cps
Lead	206-1	11110691	11062878	11150485	11108018	0.39	cps
Lead	207-1	9743697	9607590	9752966	9701418	0.84	cps

LB Number : lb111461 Operator : JASWAL
 Lab Sample ID : L3972-02 Instrumnet Name : P7
 Client Sample ID : PT-TM1-WP Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 15:58:28 DataFile Name : 021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	44895707	44291750	44678025	44621827	0.69	cps
Lithium	6-1	3657244	3682754	3646031	3662010	0.51	cps
Magnesium	24-2	433	533	442	469	11.82	cps
Manganese	55-2	1862968	1849824	1721667	1811487	4.31	cps
Molybdenum	94-1	1536214	1532847	1520403	1529821	0.54	cps
Molybdenum	95-1	2699839	2713779	2691179	2701599	0.42	cps
Molybdenum	96-1	2866821	2880766	2832516	2860035	0.87	cps
Molybdenum	97-1	1668124	1706845	1675875	1683615	1.22	cps
Molybdenum	98-1	4265937	4381931	4231758	4293209	1.83	cps
Neodymium	150-1	400	407	467	424	8.65	cps
Neodymium	150-2	33	37	43	38	13.48	cps
Nickel	60-2	963122	935267	890484	929624	3.94	cps
Phosphorus	31-2	183	108	158	150	25.46	cps
Potassium	39-2	75048	74411	73106	74188	1.33	cps
Rhodium	103-1	13944274	14294156	14030157	14089529	1.29	cps
Rhodium	103-2	7135535	7029975	6946705	7037405	1.34	cps
Scandium	45-1	10300570	10347293	10303779	10317214	0.25	cps
Scandium	45-2	624889	617874	612379	618380	1.01	cps
Selenium	82-1	39235	38811	38549	38865	0.89	cps
Selenium	77-2	2094	2004	2094	2064	2.52	cps
Selenium	78-2	7483	7595	7128	7402	3.29	cps
Silicon	28-1	1523763	1527696	1508687	1520049	0.66	cps
Silver	107-1	11648410	11759553	11788622	11732195	0.63	cps
Silver	109-1	11039137	11251896	11029309	11106781	1.13	cps
Sodium	23-2	60305	60188	58606	59700	1.59	cps
Strontium	86-1	374736	366570	369218	370175	1.13	cps
Strontium	88-1	3193469	3162799	3201060	3185776	0.64	cps
Sulfur	34-1	676687	665012	663722	668474	1.07	cps
Terbium	159-1	19477194	19402386	19584110	19487897	0.47	cps
Terbium	159-2	9598521	9561484	9585827	9581944	0.20	cps
Thallium	203-1	1423666	1414109	1445879	1427885	1.14	cps
Thallium	205-1	3428065	3475507	3462771	3455448	0.71	cps
Thorium	232-1	711	683	639	678	5.37	cps
Tin	118-1	1400	1258	1492	1383	8.50	cps
Titanium	47-1	358	400	483	414	15.38	cps
Uranium	238-1	92	33	142	89	61.00	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3972-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 15:58:28	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	6909540	6914356	6459871	6761256	3.86	cps
Yttrium	89-1	23497751	23448438	23075611	23340600	0.99	cps
Yttrium	89-2	4048860	4001153	3987045	4012353	0.81	cps
Zinc	66-2	710079	692363	650889	684444	4.44	cps
Zirconium	91-1	1959	2117	1834	1970	7.21	cps
Zirconium	90-1	3634	3534	3434	3534	2.83	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3972-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:01:53	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11496	10796	10095	10796	6.49	cps
Antimony	121-1	1000	692	850	847	18.20	cps
Arsenic	75-2	22	15	19	19	20.01	cps
Barium	135-1	550	467	500	506	8.30	cps
Barium	137-1	775	925	858	853	8.81	cps
Beryllium	9-1	50	44	67	54	21.53	cps
Bismuth	209-1	12850827	12455482	12619585	12641965	1.57	cps
Bismuth	209-2	7241053	7266285	6820983	7109440	3.52	cps
Boron	11-1	486180	488105	483476	485920	0.48	cps
Boron	10-1	101455	100726	99845	100675	0.80	cps
Bromine	81-1	50581	49829	49042	49818	1.54	cps
Bromine	81-2	711	831	811	784	8.21	cps
Cadmium	106-1	10854	10796	10796	10816	0.31	cps
Cadmium	108-1	54	46	38	46	18.19	cps
Cadmium	111-1	7664	7625	7614	7635	0.34	cps
Calcium	43-1	458	500	492	483	4.56	cps
Calcium	44-1	28616	27431	28069	28039	2.11	cps
Chromium	52-2	1787	1697	1690	1725	3.13	cps
Cobalt	59-2	647	577	623	616	5.79	cps
Copper	63-2	2824	2560	2557	2647	5.78	cps
Dysprosium	156-2	7	20	27	18	57.27	cps
Dysprosium	156-1	33	17	58	36	58.07	cps
Erbium	164-1	142	83	92	106	29.89	cps
Erbium	164-2	50	63	67	60	14.70	cps
Gadolinium	160-1	167	158	275	200	32.54	cps
Gadolinium	160-2	393	370	443	402	9.31	cps
Holmium	165-1	18638486	18995116	18758487	18797363	0.97	cps
Holmium	165-2	9602433	9668793	9688894	9653373	0.47	cps
Indium	115-1	14447120	14215678	14489559	14384119	1.02	cps
Indium	115-2	3239296	3181823	3228081	3216400	0.95	cps
Iron	56-2	15753	15925	15525	15735	1.28	cps
Iron	57-2	1022	944	872	946	7.93	cps
Iron	54-2	1742	1602	1311	1552	14.15	cps
Krypton	83-1	590	633	687	637	7.61	cps
Lead	206-1	7541	7374	7291	7402	1.72	cps
Lead	207-1	6402	6841	6496	6580	3.51	cps

LB Number : lb111461 Operator : JASWAL
 Lab Sample ID : L3972-04 Instrumnet Name : P7
 Client Sample ID : PT-SNTI-WP Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 16:01:53 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	29408	30047	29769	29741	1.08	cps
Lithium	6-1	3629231	3650497	3640807	3640178	0.29	cps
Magnesium	24-2	658	600	692	650	7.14	cps
Manganese	55-2	197	250	303	250	21.33	cps
Molybdenum	94-1	11997	11597	11321	11638	2.92	cps
Molybdenum	95-1	475	408	483	456	9.02	cps
Molybdenum	96-1	2275	2550	2700	2509	8.59	cps
Molybdenum	97-1	300	200	300	267	21.65	cps
Molybdenum	98-1	625	725	625	658	8.77	cps
Neodymium	150-1	53	20	40	38	44.42	cps
Neodymium	150-2	10	3	7	7	50.03	cps
Nickel	60-2	810	933	937	893	8.08	cps
Phosphorus	31-2	142	125	158	142	11.77	cps
Potassium	39-2	75601	72711	73556	73956	2.01	cps
Rhodium	103-1	14110040	13715786	13689188	13838338	1.70	cps
Rhodium	103-2	7124528	7014961	6985762	7041750	1.04	cps
Scandium	45-1	10271954	10056278	10038747	10122326	1.28	cps
Scandium	45-2	610403	599704	606169	605426	0.89	cps
Selenium	82-1	99	47	45	64	47.76	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	165	174	152	164	6.83	cps
Silicon	28-1	14534845	14716787	14654643	14635425	0.63	cps
Silver	107-1	742	633	708	694	7.99	cps
Silver	109-1	492	475	550	506	7.79	cps
Sodium	23-2	170096	165815	163034	166315	2.14	cps
Strontium	86-1	1267	1200	1067	1178	8.65	cps
Strontium	88-1	758	908	858	842	9.08	cps
Sulfur	34-1	601662	601873	593598	599044	0.79	cps
Terbium	159-1	19164557	19352120	19356120	19290932	0.57	cps
Terbium	159-2	9651115	9630535	9655488	9645713	0.14	cps
Thallium	203-1	1900	1859	1683	1814	6.34	cps
Thallium	205-1	5026	4526	4184	4579	9.25	cps
Thorium	232-1	2089	2378	2461	2310	8.46	cps
Tin	118-1	18490734	18371594	18374885	18412404	0.37	cps
Titanium	47-1	527757	528907	529238	528634	0.15	cps
Uranium	238-1	58	108	100	89	30.14	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3972-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:01:53	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	173	117	97	129	30.85	cps
Yttrium	89-1	23677921	23172038	23332725	23394228	1.10	cps
Yttrium	89-2	3980199	3944170	3959967	3961445	0.46	cps
Zinc	66-2	1060	1257	1430	1249	14.82	cps
Zirconium	91-1	7152	7119	6994	7088	1.18	cps
Zirconium	90-1	33239	33072	32011	32774	2.03	cps

LB Number : lb111461 Operator : JASWAL
 Lab Sample ID : L3972-06 Instrumnet Name : P7
 Client Sample ID : PT-MIN2-WP Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 16:05:23 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	75	233	144	56.04	cps
Antimony	121-1	867	658	683	736	15.45	cps
Arsenic	75-2	35	33	20	30	27.25	cps
Barium	135-1	1725	1558	1600	1628	5.33	cps
Barium	137-1	2509	2459	2500	2489	1.08	cps
Beryllium	9-1	50	44	44	46	6.92	cps
Bismuth	209-1	16681713	16574281	16019579	16425191	2.16	cps
Bismuth	209-2	8832995	8956350	8685726	8825023	1.54	cps
Boron	11-1	62964	63944	62680	63196	1.05	cps
Boron	10-1	13540	13156	12948	13215	2.27	cps
Bromine	81-1	45130	45648	46375	45718	1.37	cps
Bromine	81-2	440	551	430	474	14.07	cps
Cadmium	106-1	15000	14791	15225	15005	1.45	cps
Cadmium	108-1	33	58	58	50	28.87	cps
Cadmium	111-1	10710	10488	10788	10662	1.46	cps
Calcium	43-1	1215865	1197391	1173030	1195429	1.80	cps
Calcium	44-1	18230943	17698531	17488125	17805866	2.15	cps
Chromium	52-2	503	453	620	526	16.27	cps
Cobalt	59-2	270	320	230	273	16.50	cps
Copper	63-2	1850	1820	1743	1805	3.05	cps
Dysprosium	156-2	10	17	10	12	31.50	cps
Dysprosium	156-1	42	50	58	50	16.67	cps
Erbium	164-1	142	167	83	131	32.75	cps
Erbium	164-2	60	57	93	70	28.96	cps
Gadolinium	160-1	225	317	308	283	17.89	cps
Gadolinium	160-2	517	537	510	521	2.66	cps
Holmium	165-1	25904939	24807635	24402470	25038348	3.10	cps
Holmium	165-2	12286599	12239780	12087505	12204628	0.85	cps
Indium	115-1	19575245	19453247	19111981	19380157	1.24	cps
Indium	115-2	4204259	4159263	4084257	4149259	1.46	cps
Iron	56-2	11721	12122	13251	12365	6.41	cps
Iron	57-2	14441	14880	13846	14389	3.61	cps
Iron	54-2	711	711	621	681	7.64	cps
Krypton	83-1	583	617	577	592	3.62	cps
Lead	206-1	10304	10554	10938	10599	3.01	cps
Lead	207-1	9237	8753	9743	9244	5.35	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3972-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:05:23	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	41810	41860	43150	42273	1.80	cps
Lithium	6-1	4492451	4590498	4516643	4533197	1.13	cps
Magnesium	24-2	18140620	18781296	17859697	18260538	2.59	cps
Manganese	55-2	570	590	543	568	4.12	cps
Molybdenum	94-1	2342	2050	2167	2186	6.72	cps
Molybdenum	95-1	3167	3184	3509	3287	5.86	cps
Molybdenum	96-1	3542	3417	3809	3589	5.58	cps
Molybdenum	97-1	2100	2392	2125	2206	7.33	cps
Molybdenum	98-1	5618	5284	5560	5487	3.25	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	260	250	300	270	9.80	cps
Phosphorus	31-2	67	58	83	69	18.33	cps
Potassium	39-2	16052954	16680254	16436203	16389804	1.93	cps
Rhodium	103-1	18150284	17953956	17695658	17933300	1.27	cps
Rhodium	103-2	8867937	8667479	8535491	8690302	1.93	cps
Scandium	45-1	13864723	13358411	13255044	13492726	2.42	cps
Scandium	45-2	793206	788259	770305	783923	1.54	cps
Selenium	82-1	99	130	132	121	15.22	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	144	137	143	141	2.73	cps
Silicon	28-1	499224	505819	503186	502743	0.66	cps
Silver	107-1	383	300	342	342	12.20	cps
Silver	109-1	308	192	208	236	26.73	cps
Sodium	23-2	38328366	40009713	38761807	39033296	2.24	cps
Strontium	86-1	14916	14741	15175	14944	1.46	cps
Strontium	88-1	124578	123099	121451	123043	1.27	cps
Sulfur	34-1	681339	704416	720826	702194	2.82	cps
Terbium	159-1	26551090	25219350	25486679	25752373	2.74	cps
Terbium	159-2	12337240	12133604	12143743	12204862	0.94	cps
Thallium	203-1	4001	3184	3075	3420	14.79	cps
Thallium	205-1	9479	7552	6885	7972	16.89	cps
Thorium	232-1	600	428	517	515	16.73	cps
Tin	118-1	2675	2709	2109	2497	13.50	cps
Titanium	47-1	183	125	133	147	21.43	cps
Uranium	238-1	25	33	67	42	52.92	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3972-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:05:23	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	73	50	67	63	18.98	cps
Yttrium	89-1	31663523	31131489	30391522	31062178	2.06	cps
Yttrium	89-2	5103146	5020052	4947977	5023725	1.55	cps
Zinc	66-2	900	1037	1630	1189	32.64	cps
Zirconium	91-1	217	250	233	233	7.14	cps
Zirconium	90-1	1033	1050	1092	1058	2.84	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3973-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:08:51	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11146	10479	10220	10615	4.50	cps
Antimony	121-1	542	417	475	478	13.09	cps
Arsenic	75-2	13	9	15	12	22.89	cps
Barium	135-1	633	517	667	606	13.01	cps
Barium	137-1	817	800	708	775	7.53	cps
Beryllium	9-1	50	44	44	46	6.92	cps
Bismuth	209-1	12364471	12446159	12628409	12479680	1.08	cps
Bismuth	209-2	6638979	6620027	6572586	6610531	0.52	cps
Boron	11-1	422735	431999	429011	427915	1.10	cps
Boron	10-1	87401	89749	89497	88882	1.45	cps
Bromine	81-1	49351	48416	49009	48925	0.97	cps
Bromine	81-2	761	761	951	824	13.32	cps
Cadmium	106-1	10604	11038	10921	10854	2.07	cps
Cadmium	108-1	83	108	67	86	24.36	cps
Cadmium	111-1	7385	7696	7619	7567	2.14	cps
Calcium	43-1	458	400	367	408	11.36	cps
Calcium	44-1	29735	27991	28225	28650	3.30	cps
Chromium	52-2	1610	1773	1577	1653	6.37	cps
Cobalt	59-2	600	557	547	568	4.99	cps
Copper	63-2	2927	2810	3180	2973	6.36	cps
Dysprosium	156-2	20	17	23	20	16.65	cps
Dysprosium	156-1	33	8	58	33	75.01	cps
Erbium	164-1	83	100	108	97	13.09	cps
Erbium	164-2	43	50	73	56	28.35	cps
Gadolinium	160-1	217	133	175	175	23.81	cps
Gadolinium	160-2	417	370	363	383	7.58	cps
Holmium	165-1	18346078	18564254	18695694	18535342	0.95	cps
Holmium	165-2	9743061	9495476	9261510	9500016	2.53	cps
Indium	115-1	14283561	13958619	14140484	14127555	1.15	cps
Indium	115-2	3119055	3141205	3141476	3133912	0.41	cps
Iron	56-2	15953	16365	14713	15677	5.48	cps
Iron	57-2	1006	967	1017	996	2.64	cps
Iron	54-2	1392	1502	1572	1488	6.10	cps
Krypton	83-1	570	627	550	582	6.83	cps
Lead	206-1	7096	7347	8136	7526	7.21	cps
Lead	207-1	7152	6796	6680	6876	3.58	cps

LB Number :	Ib111461	Operator :	JASWAL
Lab Sample ID :	L3973-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:08:51	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	30453	30498	31048	30666	1.08	cps
Lithium	6-1	3674740	3682190	3670412	3675780	0.16	cps
Magnesium	24-2	1442	1575	1233	1417	12.16	cps
Manganese	55-2	297	193	203	231	24.66	cps
Molybdenum	94-1	11080	10471	11213	10921	3.62	cps
Molybdenum	95-1	242	292	308	281	12.37	cps
Molybdenum	96-1	2009	2009	2175	2064	4.66	cps
Molybdenum	97-1	92	175	167	144	31.77	cps
Molybdenum	98-1	475	450	533	486	8.80	cps
Neodymium	150-1	7	13	27	16	65.47	cps
Neodymium	150-2	13	17	10	13	25.01	cps
Nickel	60-2	920	847	797	854	7.26	cps
Phosphorus	31-2	117	142	125	128	9.96	cps
Potassium	39-2	77476	75215	77719	76803	1.80	cps
Rhodium	103-1	13836040	13557144	13810441	13734542	1.12	cps
Rhodium	103-2	6894754	6917744	6884901	6899133	0.24	cps
Scandium	45-1	10106504	10193699	9819974	10040059	1.95	cps
Scandium	45-2	598446	595813	589791	594683	0.75	cps
Selenium	82-1	145	89	139	124	24.48	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	176	156	156	162	7.24	cps
Silicon	28-1	14638611	14682019	14597265	14639298	0.29	cps
Silver	107-1	433	433	367	411	9.36	cps
Silver	109-1	175	308	267	250	27.28	cps
Sodium	23-2	172733	166622	163481	167612	2.81	cps
Strontium	86-1	992	958	925	958	3.48	cps
Strontium	88-1	692	675	742	703	4.94	cps
Sulfur	34-1	706974	694901	677903	693259	2.11	cps
Terbium	159-1	19203181	18955982	18734057	18964407	1.24	cps
Terbium	159-2	9244307	9405096	9366512	9338638	0.90	cps
Thallium	203-1	1467	1458	1650	1525	7.10	cps
Thallium	205-1	3667	3559	3451	3559	3.04	cps
Thorium	232-1	2228	1995	2011	2078	6.27	cps
Tin	118-1	18202389	18261014	17835439	18099614	1.27	cps
Titanium	47-1	521836	524627	517572	521345	0.68	cps
Uranium	238-1	92	67	125	94	30.98	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3973-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:08:51	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	77	123	93	98	24.19	cps
Yttrium	89-1	22724727	23089403	22701072	22838401	0.95	cps
Yttrium	89-2	3892793	3853924	3873624	3873447	0.50	cps
Zinc	66-2	757	840	1017	871	15.24	cps
Zirconium	91-1	6668	6685	6852	6735	1.51	cps
Zirconium	90-1	30224	30450	29681	30118	1.31	cps

LB Number : lb111461 Operator : JASWAL
 Lab Sample ID : L3973-02 Instrumnet Name : P7
 Client Sample ID : PT-TM1-WP Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 16:12:20 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	518966	497867	458596	491810	6.23	cps
Antimony	121-1	4024369	4034722	4056302	4038464	0.40	cps
Arsenic	75-2	275619	268294	251767	265227	4.61	cps
Barium	135-1	4390825	4454645	4398306	4414592	0.79	cps
Barium	137-1	7852212	7797640	7727063	7792305	0.81	cps
Beryllium	9-1	363486	365193	361816	363499	0.46	cps
Bismuth	209-1	12373337	12344991	12574402	12430910	1.01	cps
Bismuth	209-2	7277514	6732974	6682791	6897760	4.78	cps
Boron	11-1	3058203	3088317	3164152	3103557	1.76	cps
Boron	10-1	642953	646768	661408	650377	1.50	cps
Bromine	81-1	43341	42104	42531	42659	1.47	cps
Bromine	81-2	130	190	230	184	27.46	cps
Cadmium	106-1	143310	142897	141811	142672	0.54	cps
Cadmium	108-1	96860	97750	98232	97614	0.71	cps
Cadmium	111-1	1482483	1487976	1488108	1486189	0.22	cps
Calcium	43-1	2200	2184	2384	2256	4.92	cps
Calcium	44-1	-52429	-51828	-50340	-51533	-2.09	cps
Chromium	52-2	1233099	1183901	1093785	1170262	6.04	cps
Cobalt	59-2	4756254	4543765	4274697	4524905	5.33	cps
Copper	63-2	1327845	1279590	1198145	1268527	5.17	cps
Dysprosium	156-2	120	137	113	123	9.75	cps
Dysprosium	156-1	92	83	92	89	5.41	cps
Erbium	164-1	92	125	92	103	18.73	cps
Erbium	164-2	53	53	33	47	24.75	cps
Gadolinium	160-1	175	125	258	186	36.19	cps
Gadolinium	160-2	433	420	373	409	7.71	cps
Holmium	165-1	18565779	18460456	18744362	18590199	0.77	cps
Holmium	165-2	9463358	9597195	9525919	9528824	0.70	cps
Indium	115-1	14616047	14490531	14445138	14517238	0.61	cps
Indium	115-2	3277021	3293963	3287160	3286048	0.26	cps
Iron	56-2	13635597	13137335	12208296	12993743	5.58	cps
Iron	57-2	352741	338309	318031	336360	5.18	cps
Iron	54-2	838773	793670	737769	790071	6.40	cps
Krypton	83-1	570	553	707	610	13.79	cps
Lead	206-1	11306604	11313890	11335084	11318526	0.13	cps
Lead	207-1	9970027	10098005	9891321	9986451	1.04	cps

LB Number : lb111461 Operator : JASWAL
 Lab Sample ID : L3973-02 Instrumnet Name : P7
 Client Sample ID : PT-TM1-WP Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 16:12:20 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	44940493	45357210	45166719	45154807	0.46	cps
Lithium	6-1	3576276	3606726	3616622	3599875	0.58	cps
Magnesium	24-2	483	483	367	444	15.16	cps
Manganese	55-2	1824109	1763193	1646996	1744766	5.16	cps
Molybdenum	94-1	1492987	1504930	1492114	1496677	0.48	cps
Molybdenum	95-1	2649900	2668068	2622530	2646833	0.87	cps
Molybdenum	96-1	2803791	2805953	2772358	2794034	0.67	cps
Molybdenum	97-1	1635952	1639313	1632494	1635920	0.21	cps
Molybdenum	98-1	4173874	4224821	4181292	4193329	0.66	cps
Neodymium	150-1	353	533	433	440	20.50	cps
Neodymium	150-2	33	37	37	36	5.42	cps
Nickel	60-2	932392	901311	846324	893342	4.88	cps
Phosphorus	31-2	125	75	200	133	47.19	cps
Potassium	39-2	74444	72142	74018	73535	1.67	cps
Rhodium	103-1	13483209	13838776	13636272	13652753	1.31	cps
Rhodium	103-2	7040953	7057919	6911168	7003346	1.15	cps
Scandium	45-1	9860320	10092462	10028825	9993869	1.20	cps
Scandium	45-2	599047	599524	599863	599478	0.07	cps
Selenium	82-1	38230	37869	37953	38017	0.50	cps
Selenium	77-2	2194	2024	2020	2079	4.77	cps
Selenium	78-2	7504	7118	6842	7155	4.64	cps
Silicon	28-1	1482166	1488090	1484165	1484807	0.20	cps
Silver	107-1	11344648	11367258	11516671	11409526	0.82	cps
Silver	109-1	10869659	10969850	11133268	10990926	1.21	cps
Sodium	23-2	62848	59920	60263	61010	2.62	cps
Strontium	86-1	358995	363702	362163	361620	0.66	cps
Strontium	88-1	3125727	3115448	3168998	3136724	0.91	cps
Sulfur	34-1	590861	580669	574006	581845	1.46	cps
Terbium	159-1	18597491	19318603	18954893	18956996	1.90	cps
Terbium	159-2	9519789	9520972	9728023	9589594	1.25	cps
Thallium	203-1	1429611	1427533	1428056	1428400	0.08	cps
Thallium	205-1	3465084	3491738	3479044	3478622	0.38	cps
Thorium	232-1	478	450	456	461	3.19	cps
Tin	118-1	3609	3517	3917	3681	5.69	cps
Titanium	47-1	342	275	367	328	14.46	cps
Uranium	238-1	58	42	8	36	70.51	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3973-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:12:20	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	6836859	6693859	6207129	6579283	5.02	cps
Yttrium	89-1	23147307	22815170	23333819	23098765	1.14	cps
Yttrium	89-2	3942043	3939178	3918968	3933396	0.32	cps
Zinc	66-2	698027	671594	627373	665665	5.36	cps
Zirconium	91-1	1692	1700	1992	1795	9.52	cps
Zirconium	90-1	3167	3042	2859	3023	5.13	cps

LB Number :	Ib111461	Operator :	JASWAL
Lab Sample ID :	L3973-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:15:46	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	125	217	153	36.32	cps
Antimony	121-1	683	467	658	603	19.66	cps
Arsenic	75-2	37	43	31	37	15.00	cps
Barium	135-1	1567	1600	1658	1608	2.89	cps
Barium	137-1	2809	2634	2834	2759	3.95	cps
Beryllium	9-1	72	89	89	83	11.55	cps
Bismuth	209-1	16509514	16247116	15590623	16115751	2.94	cps
Bismuth	209-2	8880156	8748456	8697846	8775486	1.07	cps
Boron	11-1	122895	119896	118528	120440	1.85	cps
Boron	10-1	25723	24571	24587	24960	2.65	cps
Bromine	81-1	45054	44695	46868	45539	2.56	cps
Bromine	81-2	491	310	380	394	23.07	cps
Cadmium	106-1	15359	14975	13690	14675	5.95	cps
Cadmium	108-1	58	17	46	40	53.08	cps
Cadmium	111-1	10977	10696	9747	10473	6.15	cps
Calcium	43-1	1208018	1184986	1198043	1197016	0.96	cps
Calcium	44-1	17756128	17612089	17815004	17727740	0.59	cps
Chromium	52-2	517	453	690	553	22.14	cps
Cobalt	59-2	300	323	417	347	17.81	cps
Copper	63-2	1750	1770	1717	1746	1.54	cps
Dysprosium	156-2	17	13	33	21	50.75	cps
Dysprosium	156-1	67	50	8	42	72.12	cps
Erbium	164-1	117	108	92	106	12.06	cps
Erbium	164-2	47	67	50	54	19.68	cps
Gadolinium	160-1	292	175	225	231	25.39	cps
Gadolinium	160-2	513	470	480	488	4.65	cps
Holmium	165-1	25449314	24660964	24622971	24911083	1.87	cps
Holmium	165-2	12425759	12234099	12015790	12225216	1.68	cps
Indium	115-1	19673652	19308962	18944973	19309196	1.89	cps
Indium	115-2	4178906	4135899	4060817	4125207	1.45	cps
Iron	56-2	11822	12372	13262	12485	5.82	cps
Iron	57-2	14151	13951	13846	13983	1.11	cps
Iron	54-2	611	651	721	661	8.44	cps
Krypton	83-1	570	680	683	644	10.01	cps
Lead	206-1	9192	9565	9381	9379	1.99	cps
Lead	207-1	7908	7741	7975	7875	1.53	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3973-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:15:46	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	35858	37110	37349	36772	2.18	cps
Lithium	6-1	4544669	4422200	4370895	4445921	2.01	cps
Magnesium	24-2	18061802	18780079	17938220	18260034	2.49	cps
Manganese	55-2	603	597	687	629	7.97	cps
Molybdenum	94-1	2392	2259	2217	2289	3.99	cps
Molybdenum	95-1	3117	3250	3359	3242	3.73	cps
Molybdenum	96-1	3717	4092	3717	3842	5.64	cps
Molybdenum	97-1	1917	2217	2209	2114	8.08	cps
Molybdenum	98-1	5643	5493	5551	5562	1.36	cps
Neodymium	150-1	20	0	13	11	91.66	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	287	337	333	319	8.77	cps
Phosphorus	31-2	75	67	50	64	19.92	cps
Potassium	39-2	16092579	16359625	16507837	16320014	1.29	cps
Rhodium	103-1	18313190	17813333	17728976	17951833	1.76	cps
Rhodium	103-2	8789653	8742184	8559955	8697264	1.39	cps
Scandium	45-1	13484943	13355986	13406675	13415868	0.48	cps
Scandium	45-2	787451	780436	772170	780019	0.98	cps
Selenium	82-1	134	64	40	79	61.14	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	170	128	183	160	18.11	cps
Silicon	28-1	504686	508401	523100	512062	1.90	cps
Silver	107-1	642	700	658	667	4.51	cps
Silver	109-1	542	675	642	619	11.20	cps
Sodium	23-2	38904387	39584485	39135363	39208079	0.88	cps
Strontium	86-1	15242	15175	15008	15142	0.79	cps
Strontium	88-1	120880	121721	118049	120217	1.60	cps
Sulfur	34-1	654892	681040	703764	679899	3.60	cps
Terbium	159-1	25316690	25353269	25014268	25228076	0.74	cps
Terbium	159-2	12272779	12075921	11892075	12080258	1.58	cps
Thallium	203-1	1550	1667	1458	1558	6.70	cps
Thallium	205-1	3834	3492	3451	3592	5.86	cps
Thorium	232-1	417	494	439	450	8.90	cps
Tin	118-1	1542	1300	1408	1417	8.55	cps
Titanium	47-1	217	192	158	189	15.49	cps
Uranium	238-1	17	17	33	22	43.28	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3973-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:15:46	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	213	257	230	233	9.37	cps
Yttrium	89-1	31299596	30698245	30182891	30726911	1.82	cps
Yttrium	89-2	5102733	5023643	4908482	5011619	1.95	cps
Zinc	66-2	730	947	1680	1119	44.50	cps
Zirconium	91-1	258	250	225	244	7.10	cps
Zirconium	90-1	1225	1233	1142	1200	4.22	cps

LB Number : lb111461 Operator : JASWAL
 Lab Sample ID : L3973-06DLX5 Instrumnet Name : P7
 Client Sample ID : PT-MIN2-WPDL Dilution Factor : 5
 Date & Time Acquired :: 2020-10-12 16:19:14 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	142	150	128	24.69	cps
Antimony	121-1	358	283	375	339	14.41	cps
Arsenic	75-2	7	17	13	12	37.75	cps
Barium	135-1	300	283	342	308	9.75	cps
Barium	137-1	542	433	433	469	13.32	cps
Beryllium	9-1	78	22	61	54	53.09	cps
Bismuth	209-1	12422038	12614881	12705788	12580902	1.15	cps
Bismuth	209-2	6690369	6671512	6708672	6690184	0.28	cps
Boron	11-1	83454	82206	80699	82119	1.68	cps
Boron	10-1	17795	17302	16301	17133	4.44	cps
Bromine	81-1	45029	43675	43901	44202	1.64	cps
Bromine	81-2	340	270	220	277	21.79	cps
Cadmium	106-1	11138	11280	11080	11166	0.92	cps
Cadmium	108-1	33	50	54	46	24.06	cps
Cadmium	111-1	7848	7915	7768	7844	0.94	cps
Calcium	43-1	183839	180236	182858	182311	1.02	cps
Calcium	44-1	2951136	2919917	2929785	2933612	0.54	cps
Chromium	52-2	1030	1093	933	1019	7.91	cps
Cobalt	59-2	90	120	113	108	14.62	cps
Copper	63-2	2220	2430	2167	2272	6.13	cps
Dysprosium	156-2	7	13	20	13	49.99	cps
Dysprosium	156-1	33	8	42	28	62.46	cps
Erbium	164-1	125	58	92	92	36.37	cps
Erbium	164-2	50	60	43	51	16.42	cps
Gadolinium	160-1	175	142	200	172	16.99	cps
Gadolinium	160-2	447	380	390	406	8.87	cps
Holmium	165-1	18880148	18876506	18603105	18786586	0.85	cps
Holmium	165-2	9668410	9645740	9647458	9653869	0.13	cps
Indium	115-1	14886623	14789366	14787561	14821183	0.38	cps
Indium	115-2	3402370	3366192	3354972	3374511	0.73	cps
Iron	56-2	11538	12055	11182	11592	3.79	cps
Iron	57-2	2700	2656	2728	2695	1.35	cps
Iron	54-2	1031	1311	1071	1138	13.32	cps
Krypton	83-1	663	687	620	657	5.15	cps
Lead	206-1	5123	5179	5079	5127	0.98	cps
Lead	207-1	4706	4506	4695	4636	2.43	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3973-06DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired ::	2020-10-12 16:19:14	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	20534	20818	20418	20590	1.00	cps
Lithium	6-1	3733554	3782758	3741412	3752575	0.70	cps
Magnesium	24-2	2855987	2808315	2745293	2803198	1.98	cps
Manganese	55-2	273	207	277	252	15.66	cps
Molybdenum	94-1	850	683	700	744	12.33	cps
Molybdenum	95-1	800	675	742	739	8.47	cps
Molybdenum	96-1	642	833	833	769	14.38	cps
Molybdenum	97-1	433	358	442	411	11.16	cps
Molybdenum	98-1	958	833	1108	967	14.24	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	117	140	77	111	28.83	cps
Phosphorus	31-2	125	92	200	139	39.95	cps
Potassium	39-2	2634896	2568801	2561866	2588521	1.56	cps
Rhodium	103-1	14010419	14161446	14003945	14058604	0.63	cps
Rhodium	103-2	7145747	7070927	7074354	7097009	0.60	cps
Scandium	45-1	10429541	10529811	10508972	10489441	0.50	cps
Scandium	45-2	633477	625567	621780	626941	0.95	cps
Selenium	82-1	30	43	70	48	42.34	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	170	169	167	169	1.10	cps
Silicon	28-1	571940	572115	572450	572168	0.05	cps
Silver	107-1	233	258	250	247	5.15	cps
Silver	109-1	150	142	158	150	5.56	cps
Sodium	23-2	5892316	5792513	5754118	5812982	1.23	cps
Strontium	86-1	3000	3159	3309	3156	4.89	cps
Strontium	88-1	18312	18813	18871	18665	1.65	cps
Sulfur	34-1	745651	746876	748534	747020	0.19	cps
Terbium	159-1	19681281	19538294	19510279	19576618	0.47	cps
Terbium	159-2	9709455	9668146	9823976	9733859	0.83	cps
Thallium	203-1	1167	1050	1275	1164	9.67	cps
Thallium	205-1	2659	2650	2684	2664	0.65	cps
Thorium	232-1	433	367	428	409	9.04	cps
Tin	118-1	1583	1658	1608	1617	2.36	cps
Titanium	47-1	100	175	167	147	27.92	cps
Uranium	238-1	33	25	25	28	17.31	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3973-06DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired ::	2020-10-12 16:19:14	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	67	13	87	56	68.24	cps
Yttrium	89-1	23771037	23717649	23708422	23732369	0.14	cps
Yttrium	89-2	4058993	4031561	4049579	4046711	0.34	cps
Zinc	66-2	2297	2284	2307	2296	0.51	cps
Zirconium	91-1	200	225	200	208	6.93	cps
Zirconium	90-1	1017	1025	1083	1042	3.49	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3973-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-12 16:22:45	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5818	5326	5293	5479	5.37	cps
Antimony	121-1	283	300	308	297	4.28	cps
Arsenic	75-2	15	11	7	11	33.30	cps
Barium	135-1	308	242	392	314	23.94	cps
Barium	137-1	442	417	533	464	13.24	cps
Beryllium	9-1	28	39	33	33	16.67	cps
Bismuth	209-1	12504578	12500249	12408759	12471196	0.43	cps
Bismuth	209-2	7134050	6631998	7193296	6986448	4.41	cps
Boron	11-1	247665	244717	247927	246769	0.72	cps
Boron	10-1	52032	53068	50978	52026	2.01	cps
Bromine	81-1	47027	47730	45765	46841	2.13	cps
Bromine	81-2	501	551	551	534	5.41	cps
Cadmium	106-1	11196	11680	11255	11377	2.32	cps
Cadmium	108-1	46	58	25	43	39.11	cps
Cadmium	111-1	7847	8169	7902	7973	2.16	cps
Calcium	43-1	500	583	483	522	10.26	cps
Calcium	44-1	25716	26498	25414	25876	2.16	cps
Chromium	52-2	1433	1307	1390	1377	4.68	cps
Cobalt	59-2	333	343	387	354	8.00	cps
Copper	63-2	2664	2897	2550	2704	6.54	cps
Dysprosium	156-2	7	23	13	14	58.06	cps
Dysprosium	156-1	25	25	42	31	31.50	cps
Erbium	164-1	125	83	83	97	24.74	cps
Erbium	164-2	60	50	57	56	9.17	cps
Gadolinium	160-1	258	133	167	186	34.78	cps
Gadolinium	160-2	393	323	337	351	10.59	cps
Holmium	165-1	18719980	18894216	18600779	18738325	0.79	cps
Holmium	165-2	9504112	9533762	9663623	9567166	0.89	cps
Indium	115-1	14388877	14368970	14240111	14332653	0.56	cps
Indium	115-2	3231676	3250731	3255898	3246102	0.39	cps
Iron	56-2	13256	14107	13495	13619	3.22	cps
Iron	57-2	806	828	850	828	2.68	cps
Iron	54-2	1532	1271	1341	1381	9.75	cps
Krypton	83-1	703	577	633	638	9.95	cps
Lead	206-1	5935	5340	5640	5638	5.27	cps
Lead	207-1	5307	5012	5057	5125	3.10	cps

LB Number : lb111461 Operator : JASWAL
 Lab Sample ID : L3973-04DLX2 Instrumnet Name : P7
 Client Sample ID : PT-SNTI-WPDL Dilution Factor : 2
 Date & Time Acquired :: 2020-10-12 16:22:45 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	23392	22369	22625	22795	2.33	cps
Lithium	6-1	3681550	3671863	3677278	3676897	0.13	cps
Magnesium	24-2	600	733	525	619	17.03	cps
Manganese	55-2	213	237	230	227	5.30	cps
Molybdenum	94-1	5751	5776	6026	5851	2.60	cps
Molybdenum	95-1	200	142	250	197	27.49	cps
Molybdenum	96-1	1167	1033	1050	1083	6.71	cps
Molybdenum	97-1	108	133	133	125	11.55	cps
Molybdenum	98-1	333	283	250	289	14.52	cps
Neodymium	150-1	27	0	27	18	86.60	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	547	413	480	480	13.89	cps
Phosphorus	31-2	92	108	133	111	18.88	cps
Potassium	39-2	77703	76589	76572	76955	0.84	cps
Rhodium	103-1	13888166	13909501	13828214	13875294	0.30	cps
Rhodium	103-2	6967471	7121102	7011014	7033196	1.13	cps
Scandium	45-1	10266586	10137489	10216024	10206700	0.64	cps
Scandium	45-2	603864	614380	614559	610934	1.00	cps
Selenium	82-1	24	122	73	73	67.39	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	169	152	150	157	6.51	cps
Silicon	28-1	7780891	7717735	7695743	7731456	0.57	cps
Silver	107-1	225	275	342	281	20.86	cps
Silver	109-1	283	208	267	253	15.58	cps
Sodium	23-2	106191	107021	102841	105351	2.10	cps
Strontium	86-1	1017	1125	1033	1058	5.51	cps
Strontium	88-1	867	667	708	747	14.12	cps
Sulfur	34-1	704132	689446	679499	691026	1.79	cps
Terbium	159-1	18983453	19523273	19516344	19341023	1.60	cps
Terbium	159-2	9539755	9516183	9634479	9563472	0.65	cps
Thallium	203-1	1275	1208	1275	1253	3.07	cps
Thallium	205-1	3092	2892	2800	2928	5.09	cps
Thorium	232-1	1311	1150	1317	1259	7.52	cps
Tin	118-1	9054465	9301860	9080246	9145524	1.49	cps
Titanium	47-1	261081	266804	266800	264895	1.25	cps
Uranium	238-1	75	83	83	81	5.98	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3973-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-12 16:22:45	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	80	103	63	82	24.44	cps
Yttrium	89-1	23139710	23388332	23062667	23196903	0.73	cps
Yttrium	89-2	3919512	3936902	3960180	3938865	0.52	cps
Zinc	66-2	833	1110	1373	1106	24.43	cps
Zirconium	91-1	3542	3576	3651	3589	1.55	cps
Zirconium	90-1	15467	15734	15142	15448	1.92	cps

LB Number : lb111461 Operator : JASWAL
 Lab Sample ID : L3973-02DLX2 Instrumnet Name : P7
 Client Sample ID : PT-TM1-WPDL Dilution Factor : 2
 Date & Time Acquired :: 2020-10-12 16:26:13 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	260989	246018	232277	246428	5.83	cps
Antimony	121-1	2064087	2009802	2021243	2031711	1.41	cps
Arsenic	75-2	139236	134541	126822	133533	4.69	cps
Barium	135-1	2224803	2179509	2185144	2196486	1.12	cps
Barium	137-1	3904955	3815706	3849373	3856678	1.17	cps
Beryllium	9-1	181896	180839	179327	180687	0.71	cps
Bismuth	209-1	12605037	12661584	12254751	12507124	1.76	cps
Bismuth	209-2	6613865	6680471	6597227	6630521	0.66	cps
Boron	11-1	1585678	1592193	1578034	1585302	0.45	cps
Boron	10-1	333951	326259	329477	329896	1.17	cps
Bromine	81-1	43642	44477	44060	44060	0.95	cps
Bromine	81-2	160	140	150	150	6.67	cps
Cadmium	106-1	78190	75525	77252	76989	1.76	cps
Cadmium	108-1	49795	50744	49753	50098	1.12	cps
Cadmium	111-1	754755	751783	737320	747953	1.25	cps
Calcium	43-1	1442	1258	1550	1417	10.41	cps
Calcium	44-1	-13388	-14160	-12930	-13493	-4.61	cps
Chromium	52-2	622364	590030	546146	586180	6.53	cps
Cobalt	59-2	2405608	2261948	2146529	2271362	5.71	cps
Copper	63-2	662643	637626	595299	631856	5.39	cps
Dysprosium	156-2	87	80	37	68	40.05	cps
Dysprosium	156-1	33	50	25	36	35.25	cps
Erbium	164-1	92	67	83	81	15.80	cps
Erbium	164-2	60	47	33	47	28.58	cps
Gadolinium	160-1	175	125	242	181	32.42	cps
Gadolinium	160-2	337	363	417	372	10.94	cps
Holmium	165-1	18703586	18698553	18628935	18677025	0.22	cps
Holmium	165-2	9620591	9685569	9513619	9606593	0.90	cps
Indium	115-1	14586199	14667997	14705901	14653366	0.42	cps
Indium	115-2	3280111	3326825	3304669	3303868	0.71	cps
Iron	56-2	6980510	6494608	6113853	6529657	6.65	cps
Iron	57-2	178345	169469	158977	168930	5.74	cps
Iron	54-2	414122	395621	367060	392268	6.04	cps
Krypton	83-1	637	610	657	634	3.69	cps
Lead	206-1	5257499	5170474	5173837	5200603	0.95	cps
Lead	207-1	4556537	4521865	4452626	4510343	1.17	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3973-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-12 16:26:13	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	21855511	21589229	21416089	21620276	1.02	cps
Lithium	6-1	3650582	3603070	3585502	3613051	0.93	cps
Magnesium	24-2	475	400	275	383	26.36	cps
Manganese	55-2	922523	874120	823777	873473	5.65	cps
Molybdenum	94-1	759103	752533	754599	755412	0.44	cps
Molybdenum	95-1	1342658	1334474	1330638	1335923	0.46	cps
Molybdenum	96-1	1416971	1402276	1390888	1403378	0.93	cps
Molybdenum	97-1	832648	831246	820446	828113	0.81	cps
Molybdenum	98-1	2147224	2107001	2108526	2120917	1.07	cps
Neodymium	150-1	180	273	213	222	21.28	cps
Neodymium	150-2	20	27	17	21	24.12	cps
Nickel	60-2	473727	450677	421959	448788	5.78	cps
Phosphorus	31-2	83	142	125	117	25.75	cps
Potassium	39-2	74561	74696	75333	74863	0.55	cps
Rhodium	103-1	14023701	13727419	14020964	13924028	1.22	cps
Rhodium	103-2	7024932	7170141	7127470	7107514	1.05	cps
Scandium	45-1	10152526	10053924	10165167	10123872	0.60	cps
Scandium	45-2	612731	614724	600702	609386	1.24	cps
Selenium	82-1	19030	19138	19261	19143	0.60	cps
Selenium	77-2	1130	1037	960	1042	8.17	cps
Selenium	78-2	3752	3747	3476	3659	4.31	cps
Silicon	28-1	1039781	1030787	1030909	1033826	0.50	cps
Silver	107-1	5861330	5848272	5840030	5849878	0.18	cps
Silver	109-1	5640375	5596968	5545840	5594394	0.85	cps
Sodium	23-2	50719	50059	48228	49669	2.60	cps
Strontium	86-1	182537	179137	181611	181095	0.97	cps
Strontium	88-1	1596906	1596468	1590794	1594722	0.21	cps
Sulfur	34-1	653999	643513	634966	644159	1.48	cps
Terbium	159-1	19645492	19077000	18886939	19203144	2.06	cps
Terbium	159-2	9695648	9568813	9627644	9630701	0.66	cps
Thallium	203-1	712729	719790	710144	714221	0.70	cps
Thallium	205-1	1732678	1732015	1723442	1729378	0.30	cps
Thorium	232-1	550	400	511	487	15.98	cps
Tin	118-1	2967	3017	2842	2942	3.06	cps
Titanium	47-1	267	375	258	300	21.69	cps
Uranium	238-1	108	50	33	64	61.65	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3973-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-12 16:26:13	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3514317	3353884	3113297	3327166	6.07	cps
Yttrium	89-1	23457176	23374605	23161164	23330982	0.65	cps
Yttrium	89-2	3940776	3976118	3954704	3957199	0.45	cps
Zinc	66-2	351396	332499	313008	332301	5.78	cps
Zirconium	91-1	1075	983	1175	1078	8.89	cps
Zirconium	90-1	2117	2134	1967	2072	4.43	cps

LB Number : lb111461 Operator : JASWAL
 Lab Sample ID : CCV02 Instrumnet Name : P7
 Client Sample ID : CCV02 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 16:31:23 DataFile Name : 030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8548033	8639890	8681855	8623259	0.79	cps
Antimony	121-1	5822827	5888672	5844170	5851890	0.57	cps
Arsenic	75-2	248387	248595	249328	248770	0.20	cps
Barium	135-1	7728088	7741588	7701851	7723843	0.26	cps
Barium	137-1	13535177	13716254	13562069	13604500	0.72	cps
Beryllium	9-1	1170509	1165333	1155437	1163760	0.66	cps
Bismuth	209-1	11302914	11146199	11146097	11198403	0.81	cps
Bismuth	209-2	5942147	5880602	5912746	5911832	0.52	cps
Boron	11-1	880361	896832	886591	887928	0.94	cps
Boron	10-1	192455	194387	191182	192675	0.84	cps
Bromine	81-1	42823	43475	44261	43519	1.65	cps
Bromine	81-2	130	100	130	120	14.43	cps
Cadmium	106-1	216960	217826	214028	216271	0.92	cps
Cadmium	108-1	140873	141092	140014	140660	0.41	cps
Cadmium	111-1	1829682	1831214	1811069	1823988	0.61	cps
Calcium	43-1	9686397	9921360	9772722	9793493	1.21	cps
Calcium	44-1	157708651	158001595	156224998	157311748	0.61	cps
Chromium	52-2	2453176	2434105	2430719	2439333	0.50	cps
Cobalt	59-2	3724038	3728924	3679354	3710772	0.74	cps
Copper	63-2	25650636	25382029	25535376	25522680	0.53	cps
Dysprosium	156-2	523	467	427	472	10.29	cps
Dysprosium	156-1	658	750	592	667	11.92	cps
Erbium	164-1	258	125	108	164	50.16	cps
Erbium	164-2	83	83	103	90	12.83	cps
Gadolinium	160-1	733	708	692	711	2.95	cps
Gadolinium	160-2	680	733	717	710	3.84	cps
Holmium	165-1	18499535	18434493	18282732	18405587	0.60	cps
Holmium	165-2	9322760	9432892	9385496	9380383	0.59	cps
Indium	115-1	13564172	13778982	13526187	13623114	1.00	cps
Indium	115-2	3077176	3086088	3115664	3092976	0.65	cps
Iron	56-2	467524544	462129455	458556610	462736870	0.98	cps
Iron	57-2	11650402	11704025	11416876	11590434	1.32	cps
Iron	54-2	25614534	25378177	25207742	25400151	0.80	cps
Krypton	83-1	687	557	707	650	12.53	cps
Lead	206-1	25884467	26093294	26035206	26004323	0.41	cps
Lead	207-1	24135798	23961152	23924222	24007057	0.47	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:31:23	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	107669455	106646695	107028852	107115001	0.48	cps
Lithium	6-1	3329938	3363069	3306701	3333236	0.85	cps
Magnesium	24-2	96241913	96130892	95825927	96066244	0.22	cps
Manganese	55-2	15055855	15226241	14955967	15079354	0.91	cps
Molybdenum	94-1	13053739	13026328	13013161	13031076	0.16	cps
Molybdenum	95-1	16078940	15937959	16006513	16007804	0.44	cps
Molybdenum	96-1	17278749	17471626	17566634	17439003	0.84	cps
Molybdenum	97-1	9792184	9910532	9874180	9858965	0.61	cps
Molybdenum	98-1	25462258	25285114	25678976	25475450	0.77	cps
Neodymium	150-1	627	707	773	702	10.46	cps
Neodymium	150-2	87	67	70	74	14.39	cps
Nickel	60-2	957808	958545	955157	957170	0.19	cps
Phosphorus	31-2	112034	109608	111631	111091	1.17	cps
Potassium	39-2	50037730	50790444	50457548	50428574	0.75	cps
Rhodium	103-1	12514778	12338503	12345223	12399501	0.81	cps
Rhodium	103-2	6363799	6354725	6433742	6384089	0.68	cps
Scandium	45-1	9907688	10053265	9784364	9915106	1.36	cps
Scandium	45-2	591136	595444	596697	594426	0.49	cps
Selenium	82-1	122983	121611	122095	122230	0.57	cps
Selenium	77-2	7192	7022	7045	7086	1.30	cps
Selenium	78-2	24037	23825	23920	23927	0.44	cps
Silicon	28-1	6169547	6371976	6462353	6334625	2.37	cps
Silver	107-1	7785755	7762856	7724694	7757768	0.40	cps
Silver	109-1	7452375	7408740	7404212	7421776	0.36	cps
Sodium	23-2	169340808	168951441	168170770	168821007	0.35	cps
Strontium	86-1	2205056	2181460	2185310	2190609	0.58	cps
Strontium	88-1	19180473	18850734	18972310	19001172	0.88	cps
Sulfur	34-1	1375779	1375298	1358480	1369853	0.72	cps
Terbium	159-1	18839715	18599163	18500752	18646543	0.94	cps
Terbium	159-2	9390265	9330103	9352854	9357741	0.32	cps
Thallium	203-1	5739619	5738605	5765712	5747979	0.27	cps
Thallium	205-1	14517511	14490085	14701082	14569559	0.79	cps
Thorium	232-1	24174734	24335765	24079646	24196715	0.54	cps
Tin	118-1	5063499	5067517	5078381	5069799	0.15	cps
Titanium	47-1	4779103	4875655	4761586	4805448	1.28	cps
Uranium	238-1	23227305	23235364	22947909	23136859	0.71	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:31:23	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2066045	2052623	2055080	2057916	0.35	cps
Yttrium	89-1	22901896	22651172	22401523	22651530	1.10	cps
Yttrium	89-2	3853484	3864958	3893296	3870579	0.53	cps
Zinc	66-2	4198184	4201079	4193493	4197585	0.09	cps
Zirconium	91-1	2533579	2566135	2522847	2540854	0.89	cps
Zirconium	90-1	11146707	11255505	11018821	11140344	1.06	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:56:24	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	192	250	214	14.75	cps
Antimony	121-1	175	233	225	211	14.94	cps
Arsenic	75-2	7	17	6	10	60.25	cps
Barium	135-1	100	42	92	78	40.56	cps
Barium	137-1	217	183	42	147	63.12	cps
Beryllium	9-1	61	61	67	63	5.10	cps
Bismuth	209-1	12292816	12257227	12316833	12288959	0.24	cps
Bismuth	209-2	7187381	6622404	6589979	6799921	4.94	cps
Boron	11-1	21808	22659	22058	22175	1.97	cps
Boron	10-1	4726	4643	4676	4682	0.90	cps
Bromine	81-1	48148	47446	45113	46902	3.39	cps
Bromine	81-2	130	170	110	137	22.36	cps
Cadmium	106-1	10588	11313	10454	10785	4.29	cps
Cadmium	108-1	25	38	33	32	19.92	cps
Cadmium	111-1	7423	7947	7311	7560	4.49	cps
Calcium	43-1	550	358	400	436	23.11	cps
Calcium	44-1	21084	21434	20907	21142	1.27	cps
Chromium	52-2	1110	1020	1147	1092	5.97	cps
Cobalt	59-2	160	140	123	141	13.01	cps
Copper	63-2	2370	2377	2610	2452	5.57	cps
Dysprosium	156-2	0	0	10	3	173.21	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Erbium	164-1	117	125	150	131	13.29	cps
Erbium	164-2	67	37	40	48	34.42	cps
Gadolinium	160-1	217	158	200	192	15.68	cps
Gadolinium	160-2	390	363	417	390	6.84	cps
Holmium	165-1	18952091	18834549	18865221	18883954	0.32	cps
Holmium	165-2	9742862	9781930	9658720	9727837	0.65	cps
Indium	115-1	15071933	14864575	14779011	14905173	1.01	cps
Indium	115-2	3307306	3377082	3367281	3350556	1.13	cps
Iron	56-2	13868	13273	13089	13410	3.03	cps
Iron	57-2	806	967	761	844	12.81	cps
Iron	54-2	1442	1361	1542	1448	6.23	cps
Krypton	83-1	720	593	760	691	12.59	cps
Lead	206-1	1078	1028	939	1015	6.93	cps
Lead	207-1	889	733	939	854	12.56	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:56:24	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	4317	3995	4078	4130	4.05	cps
Lithium	6-1	3695868	3691591	3679565	3689008	0.23	cps
Magnesium	24-2	892	1042	933	956	8.10	cps
Manganese	55-2	247	223	270	247	9.46	cps
Molybdenum	94-1	533	458	617	536	14.77	cps
Molybdenum	95-1	175	192	150	172	12.18	cps
Molybdenum	96-1	250	350	333	311	17.22	cps
Molybdenum	97-1	125	142	142	136	7.07	cps
Molybdenum	98-1	308	258	250	272	11.59	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	37	70	60	56	30.79	cps
Phosphorus	31-2	183	92	175	150	33.79	cps
Potassium	39-2	75550	75425	76706	75894	0.93	cps
Rhodium	103-1	14305368	14077845	14299333	14227515	0.91	cps
Rhodium	103-2	7090041	7304975	7195015	7196677	1.49	cps
Scandium	45-1	10443373	10489003	10449988	10460788	0.24	cps
Scandium	45-2	618588	622460	622764	621271	0.37	cps
Selenium	82-1	2	101	-72	10	857.01	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	152	189	131	157	18.49	cps
Silicon	28-1	598233	605488	605157	602959	0.68	cps
Silver	107-1	242	275	292	269	9.45	cps
Silver	109-1	167	150	158	158	5.26	cps
Sodium	23-2	36470	36386	35726	36194	1.13	cps
Strontium	86-1	1017	950	1158	1042	10.21	cps
Strontium	88-1	375	342	400	372	7.86	cps
Sulfur	34-1	717983	718303	725048	720445	0.55	cps
Terbium	159-1	19321983	19216250	19301348	19279860	0.29	cps
Terbium	159-2	9650199	9578091	9455008	9561099	1.03	cps
Thallium	203-1	517	758	542	606	21.95	cps
Thallium	205-1	1300	1300	1408	1336	4.68	cps
Thorium	232-1	572	639	661	624	7.41	cps
Tin	118-1	1175	1242	1367	1261	7.72	cps
Titanium	47-1	217	158	158	178	18.95	cps
Uranium	238-1	100	133	100	111	17.32	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 16:56:24	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	27	30	33	30	11.10	cps
Yttrium	89-1	24017280	23808354	23898503	23908045	0.44	cps
Yttrium	89-2	3995010	4060762	4061802	4039191	0.95	cps
Zinc	66-2	480	507	723	570	23.41	cps
Zirconium	91-1	267	242	317	275	13.89	cps
Zirconium	90-1	1458	1258	1117	1278	13.43	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3972-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-12 16:59:54	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	264773	245426	232828	247676	6.50	cps
Antimony	121-1	2080807	2049975	2080938	2070573	0.86	cps
Arsenic	75-2	140808	134317	126339	133821	5.42	cps
Barium	135-1	2251186	2233066	2236232	2240161	0.43	cps
Barium	137-1	3945112	3945904	3869969	3920328	1.11	cps
Beryllium	9-1	189870	190691	191007	190523	0.31	cps
Bismuth	209-1	12634153	12710242	12449634	12598010	1.06	cps
Bismuth	209-2	6598991	6682552	6635445	6638996	0.63	cps
Boron	11-1	1591541	1584016	1625713	1600423	1.39	cps
Boron	10-1	338128	332095	336058	335427	0.91	cps
Bromine	81-1	44678	45347	44577	44868	0.93	cps
Bromine	81-2	130	80	50	87	46.63	cps
Cadmium	106-1	79380	79497	78124	79000	0.96	cps
Cadmium	108-1	51229	51355	50389	50991	1.03	cps
Cadmium	111-1	764646	764404	753082	760711	0.87	cps
Calcium	43-1	1425	1517	1425	1456	3.64	cps
Calcium	44-1	-14714	-15955	-16309	-15660	-5.35	cps
Chromium	52-2	632694	593322	553578	593198	6.67	cps
Cobalt	59-2	2423699	2303930	2177892	2301840	5.34	cps
Copper	63-2	675906	642592	604687	641062	5.56	cps
Dysprosium	156-2	67	67	40	58	26.65	cps
Dysprosium	156-1	75	58	42	58	28.57	cps
Erbium	164-1	100	100	158	119	28.20	cps
Erbium	164-2	43	30	60	44	33.82	cps
Gadolinium	160-1	150	192	225	189	19.90	cps
Gadolinium	160-2	323	443	440	402	16.99	cps
Holmium	165-1	18816306	18891643	18933028	18880326	0.31	cps
Holmium	165-2	9592614	9832591	9474616	9633274	1.89	cps
Indium	115-1	15202344	14675616	14739739	14872566	1.93	cps
Indium	115-2	3328125	3357356	3322901	3336127	0.56	cps
Iron	56-2	6959696	6608379	6182217	6583431	5.91	cps
Iron	57-2	178863	173056	158202	170040	6.27	cps
Iron	54-2	422336	398943	375455	398912	5.88	cps
Krypton	83-1	670	627	607	634	5.10	cps
Lead	206-1	5265817	5323020	5241553	5276796	0.79	cps
Lead	207-1	4581811	4590845	4552646	4575100	0.44	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3972-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-12 16:59:54	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	21744040	22139247	21754543	21879277	1.03	cps
Lithium	6-1	3738257	3748679	3730801	3739246	0.24	cps
Magnesium	24-2	625	583	533	581	7.91	cps
Manganese	55-2	927606	885692	836016	883105	5.19	cps
Molybdenum	94-1	778795	775559	769664	774673	0.60	cps
Molybdenum	95-1	1394109	1362919	1367206	1374745	1.23	cps
Molybdenum	96-1	1470524	1440138	1443823	1451495	1.14	cps
Molybdenum	97-1	856467	847254	846406	850042	0.66	cps
Molybdenum	98-1	2200863	2144279	2173941	2173028	1.30	cps
Neodymium	150-1	247	233	240	240	2.78	cps
Neodymium	150-2	37	17	10	21	65.74	cps
Nickel	60-2	476323	451279	431422	453008	4.97	cps
Phosphorus	31-2	83	125	108	106	19.86	cps
Potassium	39-2	73533	74369	73825	73909	0.57	cps
Rhodium	103-1	14289419	14085775	14122654	14165950	0.77	cps
Rhodium	103-2	7050899	7256658	7081123	7129560	1.56	cps
Scandium	45-1	10637873	10504235	10474834	10538981	0.82	cps
Scandium	45-2	617315	614800	608838	613651	0.71	cps
Selenium	82-1	19554	20026	19410	19663	1.64	cps
Selenium	77-2	1093	1063	1023	1060	3.31	cps
Selenium	78-2	4082	3804	3586	3824	6.51	cps
Silicon	28-1	1086972	1076507	1075478	1079652	0.59	cps
Silver	107-1	6022863	6012489	5942413	5992588	0.73	cps
Silver	109-1	5712306	5702465	5686907	5700560	0.22	cps
Sodium	23-2	48721	47910	46690	47774	2.14	cps
Strontium	86-1	190480	186713	187695	188296	1.04	cps
Strontium	88-1	1630909	1612173	1620456	1621179	0.58	cps
Sulfur	34-1	703653	692615	692321	696196	0.93	cps
Terbium	159-1	19673038	19327598	19203745	19401460	1.25	cps
Terbium	159-2	9653274	9560047	9542302	9585208	0.62	cps
Thallium	203-1	720622	723499	720883	721668	0.22	cps
Thallium	205-1	1765303	1781757	1742225	1763095	1.13	cps
Thorium	232-1	594	556	539	563	5.06	cps
Tin	118-1	1650	1650	1517	1606	4.79	cps
Titanium	47-1	467	408	400	425	8.55	cps
Uranium	238-1	17	108	67	64	71.84	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3972-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-12 16:59:54	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3577859	3380403	3180781	3379681	5.87	cps
Yttrium	89-1	23958934	23514510	23921326	23798257	1.04	cps
Yttrium	89-2	4003999	4011112	3969855	3994989	0.55	cps
Zinc	66-2	353812	335666	318452	335977	5.26	cps
Zirconium	91-1	1300	1000	1167	1156	13.01	cps
Zirconium	90-1	2159	2092	2092	2114	1.82	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3972-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-12 17:03:23	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6010	5434	5276	5573	6.93	cps
Antimony	121-1	617	642	525	594	10.33	cps
Arsenic	75-2	19	11	13	14	27.17	cps
Barium	135-1	342	358	342	347	2.77	cps
Barium	137-1	542	558	450	517	11.29	cps
Beryllium	9-1	28	78	33	46	59.20	cps
Bismuth	209-1	13252103	12471528	12474588	12732740	3.53	cps
Bismuth	209-2	6535465	6545796	6606214	6562492	0.58	cps
Boron	11-1	270733	259012	264520	264755	2.21	cps
Boron	10-1	55452	55820	55578	55617	0.34	cps
Bromine	81-1	53985	48064	49352	50467	6.17	cps
Bromine	81-2	531	491	440	487	9.27	cps
Cadmium	106-1	11238	10896	11730	11288	3.71	cps
Cadmium	108-1	67	58	42	56	22.91	cps
Cadmium	111-1	7882	7645	8253	7927	3.87	cps
Calcium	43-1	483	400	433	439	9.56	cps
Calcium	44-1	23487	26012	25506	25002	5.34	cps
Chromium	52-2	1393	1480	1360	1411	4.39	cps
Cobalt	59-2	363	440	377	393	10.41	cps
Copper	63-2	2504	2567	2764	2611	5.19	cps
Dysprosium	156-2	13	33	10	19	66.81	cps
Dysprosium	156-1	50	33	42	42	20.00	cps
Erbium	164-1	150	100	133	128	19.92	cps
Erbium	164-2	30	33	20	28	24.98	cps
Gadolinium	160-1	142	192	258	197	29.68	cps
Gadolinium	160-2	370	420	410	400	6.61	cps
Holmium	165-1	19342578	18936098	18828830	19035835	1.42	cps
Holmium	165-2	9483091	9487923	9600088	9523701	0.70	cps
Indium	115-1	14992275	14757344	14743003	14830874	0.94	cps
Indium	115-2	3244997	3224532	3267894	3245808	0.67	cps
Iron	56-2	13862	13957	13934	13918	0.36	cps
Iron	57-2	961	706	778	815	16.17	cps
Iron	54-2	1522	1462	1522	1502	2.31	cps
Krypton	83-1	540	670	637	616	10.97	cps
Lead	206-1	5585	5073	5251	5303	4.89	cps
Lead	207-1	4329	4556	4701	4529	4.15	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3972-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-12 17:03:23	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	20278	20523	21363	20721	2.74	cps
Lithium	6-1	3724214	3668219	3659526	3683986	0.95	cps
Magnesium	24-2	683	642	583	636	7.90	cps
Manganese	55-2	267	210	210	229	14.29	cps
Molybdenum	94-1	6752	5893	6268	6304	6.83	cps
Molybdenum	95-1	300	267	333	300	11.11	cps
Molybdenum	96-1	1267	1400	1292	1320	5.37	cps
Molybdenum	97-1	183	175	175	178	2.71	cps
Molybdenum	98-1	392	400	425	406	4.28	cps
Neodymium	150-1	13	27	27	22	34.66	cps
Neodymium	150-2	3	3	17	8	99.04	cps
Nickel	60-2	550	587	517	551	6.35	cps
Phosphorus	31-2	100	150	167	139	24.98	cps
Potassium	39-2	74554	73733	75090	74459	0.92	cps
Rhodium	103-1	14344827	13952029	14195677	14164178	1.40	cps
Rhodium	103-2	7118190	7022795	7113878	7084954	0.76	cps
Scandium	45-1	10448194	10396566	10223815	10356192	1.13	cps
Scandium	45-2	607291	604740	609264	607098	0.37	cps
Selenium	82-1	190	73	-2	87	111.15	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	167	180	176	174	3.83	cps
Silicon	28-1	7874232	8008381	7865487	7916033	1.01	cps
Silver	107-1	400	500	483	461	11.62	cps
Silver	109-1	433	300	342	358	19.04	cps
Sodium	23-2	104965	101306	99234	101835	2.85	cps
Strontium	86-1	1042	1058	1100	1067	2.82	cps
Strontium	88-1	575	550	667	597	10.29	cps
Sulfur	34-1	657364	670306	658560	662076	1.08	cps
Terbium	159-1	20201836	19387684	19084849	19558123	2.95	cps
Terbium	159-2	9463174	9460715	9349087	9424325	0.69	cps
Thallium	203-1	1959	1725	1600	1761	10.33	cps
Thallium	205-1	4351	4176	3959	4162	4.72	cps
Thorium	232-1	1406	1372	1378	1385	1.29	cps
Tin	118-1	9586933	9384729	9258046	9409903	1.76	cps
Titanium	47-1	271022	266930	265999	267984	1.00	cps
Uranium	238-1	42	125	92	86	48.71	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3972-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-12 17:03:23	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	107	110	150	122	19.73	cps
Yttrium	89-1	24121808	23683480	23481286	23762192	1.38	cps
Yttrium	89-2	3959740	3904661	3974100	3946167	0.93	cps
Zinc	66-2	880	927	1413	1073	27.52	cps
Zirconium	91-1	3909	3701	3676	3762	3.41	cps
Zirconium	90-1	17653	17110	16743	17169	2.66	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3972-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-12 17:06:52	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	208	158	133	167	22.91	cps
Antimony	121-1	225	192	242	219	11.60	cps
Arsenic	75-2	7	7	13	9	34.60	cps
Barium	135-1	500	517	542	519	4.04	cps
Barium	137-1	1058	1133	1008	1067	5.90	cps
Beryllium	9-1	50	56	83	63	28.37	cps
Bismuth	209-1	13239200	13373396	13184860	13265819	0.73	cps
Bismuth	209-2	7454734	7452807	7416253	7441264	0.29	cps
Boron	11-1	52115	50962	51631	51569	1.12	cps
Boron	10-1	10045	10496	10129	10223	2.34	cps
Bromine	81-1	47972	47169	46743	47294	1.32	cps
Bromine	81-2	250	350	420	340	25.13	cps
Cadmium	106-1	11630	11780	11697	11702	0.64	cps
Cadmium	108-1	46	29	33	36	24.01	cps
Cadmium	111-1	8180	8288	8202	8223	0.70	cps
Calcium	43-1	488077	482298	485800	485392	0.60	cps
Calcium	44-1	7301150	7308185	7210413	7273249	0.75	cps
Chromium	52-2	833	873	790	832	5.01	cps
Cobalt	59-2	100	140	120	120	16.67	cps
Copper	63-2	1887	2050	2064	2000	4.92	cps
Dysprosium	156-2	10	20	13	14	35.26	cps
Dysprosium	156-1	33	58	0	31	95.78	cps
Erbium	164-1	83	133	183	133	37.50	cps
Erbium	164-2	50	47	47	48	4.02	cps
Gadolinium	160-1	192	158	208	186	13.68	cps
Gadolinium	160-2	490	430	353	424	16.14	cps
Holmium	165-1	20902885	20291934	19960600	20385139	2.34	cps
Holmium	165-2	10125998	10214832	9992748	10111193	1.11	cps
Indium	115-1	16221424	15884113	15825460	15976999	1.34	cps
Indium	115-2	3520782	3511941	3536183	3522969	0.35	cps
Iron	56-2	11293	11477	11388	11386	0.81	cps
Iron	57-2	5935	6012	5874	5940	1.17	cps
Iron	54-2	901	1041	1001	981	7.36	cps
Krypton	83-1	580	740	600	640	13.62	cps
Lead	206-1	4745	5023	4695	4821	3.66	cps
Lead	207-1	4384	4134	4412	4310	3.55	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3972-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-12 17:06:52	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	18994	18794	19278	19022	1.28	cps
Lithium	6-1	3739215	3987791	3923787	3883598	3.32	cps
Magnesium	24-2	7058769	7079249	6889856	7009291	1.48	cps
Manganese	55-2	337	313	280	310	9.19	cps
Molybdenum	94-1	992	1200	1225	1139	11.25	cps
Molybdenum	95-1	1350	1375	1208	1311	6.86	cps
Molybdenum	96-1	1583	1467	1608	1553	4.87	cps
Molybdenum	97-1	917	1042	800	920	13.14	cps
Molybdenum	98-1	2292	2359	2109	2253	5.75	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	173	150	193	172	12.59	cps
Phosphorus	31-2	142	50	150	114	48.72	cps
Potassium	39-2	6214470	6331449	6237331	6261083	0.99	cps
Rhodium	103-1	14978412	15109614	14858316	14982114	0.84	cps
Rhodium	103-2	7584991	7459895	7560579	7535155	0.88	cps
Scandium	45-1	11266065	11285530	11122337	11224644	0.79	cps
Scandium	45-2	651061	651027	662937	655009	1.05	cps
Selenium	82-1	97	-78	131	50	225.64	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	154	165	152	157	4.47	cps
Silicon	28-1	546270	551368	560368	552669	1.29	cps
Silver	107-1	275	300	317	297	7.06	cps
Silver	109-1	100	192	100	131	40.54	cps
Sodium	23-2	15365197	15323554	15153184	15280645	0.74	cps
Strontium	86-1	6743	6285	6785	6604	4.20	cps
Strontium	88-1	49979	49085	48165	49076	1.85	cps
Sulfur	34-1	693110	709715	720958	707928	1.98	cps
Terbium	159-1	21195271	21003764	20400159	20866398	1.99	cps
Terbium	159-2	10166938	9991982	10189170	10116030	1.07	cps
Thallium	203-1	1367	1442	1342	1383	3.76	cps
Thallium	205-1	3376	3401	3267	3348	2.12	cps
Thorium	232-1	389	411	450	417	7.42	cps
Tin	118-1	2175	2234	1925	2111	7.76	cps
Titanium	47-1	242	192	175	203	17.11	cps
Uranium	238-1	42	25	17	28	45.82	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	L3972-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2020-10-12 17:06:52	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	27	33	20	27	24.99	cps
Yttrium	89-1	25834643	25777812	25484672	25699042	0.73	cps
Yttrium	89-2	4228976	4208868	4245546	4227797	0.43	cps
Zinc	66-2	763	837	1127	909	21.14	cps
Zirconium	91-1	150	233	233	206	23.41	cps
Zirconium	90-1	1075	1050	858	995	11.92	cps

LB Number : lb111461 Operator : JASWAL
 Lab Sample ID : PB131555BL Instrumnet Name : P7
 Client Sample ID : PB131555BL Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 17:22:11 DataFile Name : 038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	175	117	150	20.03	cps
Antimony	121-1	75	117	125	106	25.38	cps
Arsenic	75-2	13	4	15	10	56.75	cps
Barium	135-1	17	33	58	36	58.07	cps
Barium	137-1	50	75	50	58	24.74	cps
Beryllium	9-1	28	17	39	28	39.99	cps
Bismuth	209-1	12282347	12314585	12339226	12312053	0.23	cps
Bismuth	209-2	7116099	6497191	6448312	6687200	5.57	cps
Boron	11-1	19530	18804	18679	19004	2.42	cps
Boron	10-1	4034	4276	4309	4206	3.57	cps
Bromine	81-1	46283	46350	45874	46169	0.56	cps
Bromine	81-2	110	160	180	150	24.04	cps
Cadmium	106-1	10704	11038	10579	10774	2.20	cps
Cadmium	108-1	21	17	33	24	36.73	cps
Cadmium	111-1	7503	7719	7395	7539	2.19	cps
Calcium	43-1	342	367	392	367	6.82	cps
Calcium	44-1	20967	19835	18936	19913	5.11	cps
Chromium	52-2	1093	990	1147	1077	7.40	cps
Cobalt	59-2	77	90	127	98	26.48	cps
Copper	63-2	2317	2144	2354	2271	4.94	cps
Dysprosium	156-2	17	13	17	16	12.40	cps
Dysprosium	156-1	25	0	17	14	91.65	cps
Erbium	164-1	108	133	67	103	32.77	cps
Erbium	164-2	20	37	40	32	33.25	cps
Gadolinium	160-1	175	142	142	153	12.60	cps
Gadolinium	160-2	387	373	367	376	2.71	cps
Holmium	165-1	19196574	18491453	18796575	18828201	1.88	cps
Holmium	165-2	9558646	9572483	9483518	9538216	0.50	cps
Indium	115-1	14862590	14711300	14719901	14764597	0.58	cps
Indium	115-2	3307092	3278521	3275890	3287168	0.53	cps
Iron	56-2	8886	9659	9976	9507	5.89	cps
Iron	57-2	650	761	828	746	12.04	cps
Iron	54-2	1331	1221	1161	1238	6.97	cps
Krypton	83-1	633	663	700	666	5.02	cps
Lead	206-1	1245	1272	1195	1237	3.19	cps
Lead	207-1	1056	1061	1095	1070	1.97	cps

LB Number : lb111461 Operator : JASWAL
 Lab Sample ID : PB131555BL Instrumnet Name : P7
 Client Sample ID : PB131555BL Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 17:22:11 DataFile Name : 038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	4845	4706	4517	4689	3.51	cps
Lithium	6-1	3626264	3639520	3623528	3629770	0.24	cps
Magnesium	24-2	275	217	250	247	11.84	cps
Manganese	55-2	120	93	70	94	26.49	cps
Molybdenum	94-1	450	392	317	386	17.31	cps
Molybdenum	95-1	8	50	33	31	68.64	cps
Molybdenum	96-1	150	100	100	117	24.75	cps
Molybdenum	97-1	50	33	33	39	24.75	cps
Molybdenum	98-1	67	75	50	64	19.92	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	53	67	50	57	15.57	cps
Phosphorus	31-2	125	183	158	156	18.82	cps
Potassium	39-2	72837	74571	75961	74456	2.10	cps
Rhodium	103-1	14169166	14189308	13892587	14083687	1.18	cps
Rhodium	103-2	7078026	7069037	7067357	7071474	0.08	cps
Scandium	45-1	10407469	10308418	10227697	10314528	0.87	cps
Scandium	45-2	609848	605892	603428	606389	0.53	cps
Selenium	82-1	53	28	-23	19	203.15	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	157	148	170	159	7.04	cps
Silicon	28-1	590262	579366	581600	583742	0.99	cps
Silver	107-1	125	158	158	147	13.07	cps
Silver	109-1	67	42	83	64	32.83	cps
Sodium	23-2	33037	32636	33521	33064	1.34	cps
Strontium	86-1	1025	1000	917	981	5.78	cps
Strontium	88-1	350	250	325	308	16.88	cps
Sulfur	34-1	720269	710859	714414	715181	0.66	cps
Terbium	159-1	19569333	19152352	19029569	19250418	1.47	cps
Terbium	159-2	9566695	9382397	9445874	9464989	0.99	cps
Thallium	203-1	858	942	775	858	9.71	cps
Thallium	205-1	1959	2000	2092	2017	3.38	cps
Thorium	232-1	533	533	372	480	19.39	cps
Tin	118-1	1108	1292	1108	1170	9.05	cps
Titanium	47-1	83	158	192	144	38.41	cps
Uranium	238-1	50	25	8	28	75.51	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	PB131555BL	Instrumnet Name :	P7
Client Sample ID :	PB131555BL	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:22:11	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	17	7	17	13	43.29	cps
Yttrium	89-1	24021600	23507044	23323743	23617462	1.53	cps
Yttrium	89-2	3986634	3913859	3942007	3947500	0.93	cps
Zinc	66-2	453	560	750	588	25.57	cps
Zirconium	91-1	200	142	233	192	24.21	cps
Zirconium	90-1	1292	1058	1133	1161	10.26	cps

LB Number : lb111461 Operator : JASWAL
 Lab Sample ID : PB131559BL Instrumnet Name : P7
 Client Sample ID : PB131559BL Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 17:25:42 DataFile Name : 039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	125	133	131	3.69	cps
Antimony	121-1	108	33	67	69	54.12	cps
Arsenic	75-2	11	7	0	6	91.64	cps
Barium	135-1	75	8	25	36	96.08	cps
Barium	137-1	67	8	50	42	72.12	cps
Beryllium	9-1	22	56	6	28	91.65	cps
Bismuth	209-1	12440622	12321973	12496107	12419568	0.72	cps
Bismuth	209-2	6437564	6447323	6452444	6445777	0.12	cps
Boron	11-1	16601	16326	16284	16404	1.05	cps
Boron	10-1	3234	3209	3184	3209	0.78	cps
Bromine	81-1	45062	45104	44586	44918	0.64	cps
Bromine	81-2	170	110	130	137	22.36	cps
Cadmium	106-1	11171	10571	10971	10904	2.80	cps
Cadmium	108-1	21	46	29	32	39.85	cps
Cadmium	111-1	7814	7372	7664	7616	2.95	cps
Calcium	43-1	292	300	258	283	7.78	cps
Calcium	44-1	19480	20031	19639	19717	1.44	cps
Chromium	52-2	1023	1130	1123	1092	5.47	cps
Cobalt	59-2	107	97	113	106	7.94	cps
Copper	63-2	2154	2390	2187	2244	5.71	cps
Dysprosium	156-2	13	20	13	16	24.76	cps
Dysprosium	156-1	25	50	58	44	39.04	cps
Erbium	164-1	67	100	100	89	21.65	cps
Erbium	164-2	47	37	47	43	13.32	cps
Gadolinium	160-1	108	183	175	156	26.43	cps
Gadolinium	160-2	443	317	360	373	17.24	cps
Holmium	165-1	18576627	18602495	18911315	18696812	1.00	cps
Holmium	165-2	9479061	9561845	9364178	9468361	1.05	cps
Indium	115-1	14580299	14775448	14887978	14747908	1.06	cps
Indium	115-2	3273733	3256394	3291515	3273881	0.54	cps
Iron	56-2	9609	9475	9992	9692	2.77	cps
Iron	57-2	839	861	861	854	1.50	cps
Iron	54-2	1091	1181	1161	1145	4.13	cps
Krypton	83-1	590	583	583	586	0.66	cps
Lead	206-1	967	850	900	906	6.46	cps
Lead	207-1	845	872	844	854	1.88	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	PB131559BL	Instrumnet Name :	P7
Client Sample ID :	PB131559BL	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:25:42	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	4034	3934	3539	3835	6.82	cps
Lithium	6-1	3643821	3701968	3646724	3664171	0.89	cps
Magnesium	24-2	292	233	308	278	14.18	cps
Manganese	55-2	87	90	87	88	2.19	cps
Molybdenum	94-1	283	417	233	311	30.46	cps
Molybdenum	95-1	25	50	25	33	43.30	cps
Molybdenum	96-1	117	133	125	125	6.67	cps
Molybdenum	97-1	25	17	8	17	50.01	cps
Molybdenum	98-1	17	75	42	44	65.84	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	57	67	50	58	14.52	cps
Phosphorus	31-2	217	167	183	189	13.48	cps
Potassium	39-2	75224	74645	75299	75056	0.48	cps
Rhodium	103-1	14087512	14193501	14121006	14134006	0.38	cps
Rhodium	103-2	6949474	7115533	7094253	7053087	1.28	cps
Scandium	45-1	10203972	10372560	10245285	10273939	0.86	cps
Scandium	45-2	612873	601065	612783	608907	1.12	cps
Selenium	82-1	106	93	43	81	41.69	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	157	143	120	140	13.30	cps
Silicon	28-1	586259	587024	586450	586578	0.07	cps
Silver	107-1	175	150	167	164	7.77	cps
Silver	109-1	25	67	67	53	45.58	cps
Sodium	23-2	33613	33154	33003	33257	0.96	cps
Strontium	86-1	1175	1008	975	1053	10.18	cps
Strontium	88-1	333	192	250	258	27.56	cps
Sulfur	34-1	708933	711784	716985	712567	0.57	cps
Terbium	159-1	19228098	19313796	19029869	19190588	0.76	cps
Terbium	159-2	9423894	9308050	9485947	9405964	0.96	cps
Thallium	203-1	650	633	750	678	9.31	cps
Thallium	205-1	1517	1742	1875	1711	10.59	cps
Thorium	232-1	289	411	317	339	18.91	cps
Tin	118-1	1000	992	908	967	5.24	cps
Titanium	47-1	250	192	167	203	21.09	cps
Uranium	238-1	0	17	8	8	100.02	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	PB131559BL	Instrumnet Name :	P7
Client Sample ID :	PB131559BL	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:25:42	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	7	7	3	6	34.70	cps
Yttrium	89-1	23740830	23531855	23420595	23564427	0.69	cps
Yttrium	89-2	3842825	3894144	3950037	3895669	1.38	cps
Zinc	66-2	493	500	787	593	28.22	cps
Zirconium	91-1	283	158	208	217	29.04	cps
Zirconium	90-1	875	867	967	903	6.15	cps

LB Number : lb111461 Operator : JASWAL
 Lab Sample ID : PB131559BS Instrumnet Name : P7
 Client Sample ID : PB131559BS Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 17:29:13 DataFile Name : 040DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1868256	1837742	1805897	1837298	1.70	cps
Antimony	121-1	6222907	6150295	6168524	6180576	0.61	cps
Arsenic	75-2	260230	260840	255580	258883	1.11	cps
Barium	135-1	8212859	8108402	8032768	8118010	1.11	cps
Barium	137-1	14429404	13998041	14154531	14193992	1.54	cps
Beryllium	9-1	1246764	1255804	1233230	1245266	0.91	cps
Bismuth	209-1	12051908	11994746	12030210	12025622	0.24	cps
Bismuth	209-2	6227939	6281856	6241302	6250366	0.45	cps
Boron	11-1	860506	864276	858676	861152	0.33	cps
Boron	10-1	181324	182419	180076	181273	0.65	cps
Bromine	81-1	44218	43291	45548	44352	2.56	cps
Bromine	81-2	70	110	90	90	22.22	cps
Cadmium	106-1	211051	209747	208573	209790	0.59	cps
Cadmium	108-1	136502	137099	139068	137556	0.98	cps
Cadmium	111-1	1765695	1738878	1755384	1753319	0.77	cps
Calcium	43-1	2228214	2220649	2224118	2224327	0.17	cps
Calcium	44-1	33574648	33343262	33134055	33350655	0.66	cps
Chromium	52-2	2513593	2491806	2455894	2487098	1.17	cps
Cobalt	59-2	3874809	3874560	3816683	3855351	0.87	cps
Copper	63-2	26272534	26494881	25996276	26254564	0.95	cps
Dysprosium	156-2	253	263	267	261	2.66	cps
Dysprosium	156-1	258	233	275	256	8.21	cps
Erbium	164-1	158	142	158	153	6.30	cps
Erbium	164-2	47	47	57	50	11.55	cps
Gadolinium	160-1	375	258	300	311	19.00	cps
Gadolinium	160-2	437	453	497	462	6.70	cps
Holmium	165-1	18437428	18731666	18366571	18511888	1.05	cps
Holmium	165-2	9596081	9590567	9479804	9555484	0.69	cps
Indium	115-1	13933886	13918416	14252881	14035061	1.35	cps
Indium	115-2	3117755	3124050	3145048	3128951	0.46	cps
Iron	56-2	103400788	102623230	101539444	102521154	0.91	cps
Iron	57-2	2633871	2633670	2593372	2620304	0.89	cps
Iron	54-2	5765220	5713090	5568131	5682147	1.80	cps
Krypton	83-1	617	617	583	606	3.18	cps
Lead	206-1	27863310	28428220	28326308	28205946	1.07	cps
Lead	207-1	25727791	25147038	25839811	25571547	1.45	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	PB131559BS	Instrumnet Name :	P7
Client Sample ID :	PB131559BS	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:29:13	DataFile Name :	040DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	115127946	113889673	115610523	114876047	0.77	cps
Lithium	6-1	3493783	3499189	3504791	3499254	0.16	cps
Magnesium	24-2	20076478	19843742	19460420	19793547	1.57	cps
Manganese	55-2	15564677	15679083	15454156	15565972	0.72	cps
Molybdenum	94-1	13583385	13363263	13507117	13484588	0.83	cps
Molybdenum	95-1	16756971	16406164	16394059	16519065	1.25	cps
Molybdenum	96-1	18306624	18193367	17956914	18152302	0.98	cps
Molybdenum	97-1	10271007	10252887	10165492	10229796	0.55	cps
Molybdenum	98-1	26434183	26139536	26318332	26297350	0.56	cps
Neodymium	150-1	807	693	680	727	9.58	cps
Neodymium	150-2	73	83	70	76	9.18	cps
Nickel	60-2	1019186	1021012	1003336	1014512	0.96	cps
Phosphorus	31-2	112564	112211	110927	111900	0.77	cps
Potassium	39-2	10606777	10290522	10271368	10389556	1.81	cps
Rhodium	103-1	13390484	13032794	13275073	13232784	1.38	cps
Rhodium	103-2	6669505	6652147	6731837	6684496	0.63	cps
Scandium	45-1	9931792	10043441	9759055	9911430	1.45	cps
Scandium	45-2	581807	578150	579835	579930	0.32	cps
Selenium	82-1	135054	134032	133694	134260	0.53	cps
Selenium	77-2	7322	6915	7255	7164	3.05	cps
Selenium	78-2	24756	25040	24641	24813	0.83	cps
Silicon	28-1	7494171	7603019	7582220	7559803	0.76	cps
Silver	107-1	8314712	8211487	8259742	8261980	0.63	cps
Silver	109-1	7879553	7881005	7977973	7912843	0.71	cps
Sodium	23-2	35582361	35029873	34460007	35024080	1.60	cps
Strontium	86-1	2237966	2277394	2261923	2259094	0.88	cps
Strontium	88-1	19625776	19790174	19683830	19699927	0.42	cps
Sulfur	34-1	1467336	1429053	1423944	1440111	1.65	cps
Terbium	159-1	18951025	19549316	18790895	19097079	2.09	cps
Terbium	159-2	9362567	9504168	9540369	9469034	0.99	cps
Thallium	203-1	6005456	6047164	6072367	6041662	0.56	cps
Thallium	205-1	15524725	15871270	15598669	15664888	1.17	cps
Thorium	232-1	24621799	24314726	24255146	24397224	0.81	cps
Tin	118-1	5265307	5278632	5265150	5269696	0.15	cps
Titanium	47-1	4946127	4966521	4944212	4952287	0.25	cps
Uranium	238-1	23388373	23533933	23816871	23579726	0.92	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	PB131559BS	Instrumnet Name :	P7
Client Sample ID :	PB131559BS	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:29:13	DataFile Name :	040DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2077176	2060701	2033321	2057066	1.08	cps
Yttrium	89-1	23123197	23075155	23109258	23102537	0.11	cps
Yttrium	89-2	3777020	3798967	3778256	3784748	0.33	cps
Zinc	66-2	3982669	4001726	3937624	3974006	0.83	cps
Zirconium	91-1	2623025	2591745	2595734	2603501	0.65	cps
Zirconium	90-1	11669015	11362610	11694291	11575305	1.60	cps

LB Number : lb111461 Operator : JASWAL
 Lab Sample ID : PB131555BS Instrumnet Name : P7
 Client Sample ID : PB131555BS Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 17:37:19 DataFile Name : 041LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1797906	1788662	1773873	1786814	0.68	cps
Antimony	121-1	6123495	6282654	6091186	6165779	1.66	cps
Arsenic	75-2	255361	251562	250198	252374	1.06	cps
Barium	135-1	8115680	7939126	7912119	7988975	1.38	cps
Barium	137-1	14253552	13835999	13842876	13977476	1.71	cps
Beryllium	9-1	1195949	1185618	1192986	1191517	0.45	cps
Bismuth	209-1	12205468	12071210	11846815	12041164	1.50	cps
Bismuth	209-2	6209880	6178827	6243088	6210598	0.52	cps
Boron	11-1	850382	835681	838310	841458	0.93	cps
Boron	10-1	179602	173931	175086	176207	1.70	cps
Bromine	81-1	42154	44210	43382	43249	2.39	cps
Bromine	81-2	60	150	70	93	52.86	cps
Cadmium	106-1	207219	202207	206906	205444	1.37	cps
Cadmium	108-1	134614	134453	133900	134322	0.28	cps
Cadmium	111-1	1727075	1726138	1725502	1726238	0.05	cps
Calcium	43-1	2170455	2138408	2120480	2143114	1.18	cps
Calcium	44-1	32592315	32420358	31922160	32311611	1.08	cps
Chromium	52-2	2447064	2422567	2398726	2422786	1.00	cps
Cobalt	59-2	3812377	3771971	3735800	3773383	1.02	cps
Copper	63-2	25812418	25737617	25493577	25681204	0.65	cps
Dysprosium	156-2	227	267	303	266	14.44	cps
Dysprosium	156-1	283	250	275	269	6.44	cps
Erbium	164-1	133	83	83	100	28.87	cps
Erbium	164-2	50	37	70	52	32.12	cps
Gadolinium	160-1	317	275	250	281	12.00	cps
Gadolinium	160-2	417	430	483	443	7.96	cps
Holmium	165-1	18900678	18856109	18986481	18914423	0.35	cps
Holmium	165-2	9467023	9446998	9544615	9486212	0.54	cps
Indium	115-1	14364296	14228890	14223786	14272324	0.56	cps
Indium	115-2	3130608	3140841	3124209	3131886	0.27	cps
Iron	56-2	100589338	99789741	98925152	99768077	0.83	cps
Iron	57-2	2591059	2557921	2530841	2559940	1.18	cps
Iron	54-2	5520266	5540180	5460669	5507038	0.75	cps
Krypton	83-1	610	560	563	578	4.84	cps
Lead	206-1	27767199	27707887	28081210	27852099	0.72	cps
Lead	207-1	25278076	25381403	25390987	25350155	0.25	cps

LB Number : lb111461 Operator : JASWAL
 Lab Sample ID : PB131555BS Instrumnet Name : P7
 Client Sample ID : PB131555BS Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 17:37:19 DataFile Name : 041LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	113502896	113341862	113094616	113313124	0.18	cps
Lithium	6-1	3472038	3428593	3420902	3440511	0.80	cps
Magnesium	24-2	19720877	19280499	19314551	19438642	1.26	cps
Manganese	55-2	15370967	15146659	15157106	15224910	0.83	cps
Molybdenum	94-1	13124493	13112451	13071134	13102693	0.21	cps
Molybdenum	95-1	16284908	16176130	16095760	16185599	0.59	cps
Molybdenum	96-1	17916037	17674832	17757831	17782900	0.69	cps
Molybdenum	97-1	10107175	10055775	10010971	10057974	0.48	cps
Molybdenum	98-1	25878602	25632298	25429970	25646957	0.88	cps
Neodymium	150-1	793	740	593	709	14.61	cps
Neodymium	150-2	77	97	103	92	15.05	cps
Nickel	60-2	997822	986569	981690	988694	0.84	cps
Phosphorus	31-2	110245	108081	108275	108867	1.10	cps
Potassium	39-2	10069814	10073974	9964922	10036237	0.62	cps
Rhodium	103-1	13131046	13216279	13298426	13215251	0.63	cps
Rhodium	103-2	6659906	6612852	6699814	6657524	0.65	cps
Scandium	45-1	9943479	9862647	9703111	9836412	1.24	cps
Scandium	45-2	578683	577605	579030	578439	0.13	cps
Selenium	82-1	132587	131760	130961	131769	0.62	cps
Selenium	77-2	6985	7018	7048	7017	0.45	cps
Selenium	78-2	24615	24764	24320	24566	0.92	cps
Silicon	28-1	7081482	7083412	7157216	7107370	0.61	cps
Silver	107-1	8120425	8150353	8076761	8115846	0.46	cps
Silver	109-1	7657982	7694973	7630094	7661016	0.42	cps
Sodium	23-2	34566982	33955665	34058360	34193669	0.96	cps
Strontium	86-1	2222458	2176302	2200038	2199599	1.05	cps
Strontium	88-1	19106195	18813793	18980621	18966870	0.77	cps
Sulfur	34-1	1372309	1362436	1358717	1364487	0.51	cps
Terbium	159-1	19484386	19198938	19545730	19409684	0.95	cps
Terbium	159-2	9401101	9372201	9498270	9423857	0.70	cps
Thallium	203-1	6035926	5968680	6025395	6010000	0.60	cps
Thallium	205-1	15458912	15614230	15648054	15573732	0.65	cps
Thorium	232-1	24286308	23780951	23807353	23958204	1.19	cps
Tin	118-1	5283913	5211365	5193523	5229600	0.92	cps
Titanium	47-1	4821651	4709473	4772379	4767834	1.18	cps
Uranium	238-1	23649404	23598118	23207361	23484961	1.03	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	PB131555BS	Instrumnet Name :	P7
Client Sample ID :	PB131555BS	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:37:19	DataFile Name :	041LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2024532	2006778	1987330	2006213	0.93	cps
Yttrium	89-1	22915850	22726243	22827706	22823267	0.42	cps
Yttrium	89-2	3816386	3823025	3814136	3817849	0.12	cps
Zinc	66-2	3960090	3911018	3859138	3910082	1.29	cps
Zirconium	91-1	2528715	2547367	2516619	2530901	0.61	cps
Zirconium	90-1	11221096	11046804	11103799	11123900	0.80	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:45:04	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8632111	8529887	8510936	8557645	0.76	cps
Antimony	121-1	5861297	5836153	5666129	5787860	1.83	cps
Arsenic	75-2	243851	244778	243951	244193	0.21	cps
Barium	135-1	7861118	7983097	7662038	7835418	2.07	cps
Barium	137-1	13617323	13708379	13341579	13555761	1.41	cps
Beryllium	9-1	1149468	1158141	1136000	1147870	0.97	cps
Bismuth	209-1	11174025	11313237	11183287	11223516	0.69	cps
Bismuth	209-2	5622936	5638977	5657702	5639872	0.31	cps
Boron	11-1	829805	840103	836624	835511	0.63	cps
Boron	10-1	175134	172663	172193	173330	0.91	cps
Bromine	81-1	43199	41728	42957	42628	1.85	cps
Bromine	81-2	70	100	130	100	30.00	cps
Cadmium	106-1	214475	211270	212048	212597	0.79	cps
Cadmium	108-1	140856	139859	139977	140231	0.39	cps
Cadmium	111-1	1808422	1794915	1797901	1800413	0.39	cps
Calcium	43-1	9701616	9736697	9713456	9717256	0.18	cps
Calcium	44-1	154031528	153649241	154811399	154164056	0.38	cps
Chromium	52-2	2405332	2406010	2407007	2406116	0.04	cps
Cobalt	59-2	3652261	3664036	3665402	3660566	0.20	cps
Copper	63-2	25399592	25766124	25666319	25610678	0.74	cps
Dysprosium	156-2	457	503	453	471	5.93	cps
Dysprosium	156-1	575	550	633	586	7.30	cps
Erbium	164-1	167	92	183	147	33.17	cps
Erbium	164-2	67	67	83	72	13.32	cps
Gadolinium	160-1	700	700	633	678	5.68	cps
Gadolinium	160-2	617	683	683	661	5.82	cps
Holmium	165-1	18424580	18082056	18286126	18264254	0.94	cps
Holmium	165-2	9167034	9010732	9170882	9116216	1.00	cps
Indium	115-1	13700628	13500646	13501391	13567555	0.85	cps
Indium	115-2	2966997	2999073	2998892	2988321	0.62	cps
Iron	56-2	460598210	468256577	463285910	464046899	0.84	cps
Iron	57-2	11528675	11681658	11516082	11575472	0.80	cps
Iron	54-2	25271792	25207468	25323598	25267620	0.23	cps
Krypton	83-1	610	583	643	612	4.91	cps
Lead	206-1	26324635	26538758	25964353	26275915	1.10	cps
Lead	207-1	24243260	23853012	23795135	23963802	1.02	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:45:04	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	107687685	107071519	106620611	107126605	0.50	cps
Lithium	6-1	3290086	3314277	3308872	3304412	0.38	cps
Magnesium	24-2	96900669	94928588	94602192	95477149	1.30	cps
Manganese	55-2	14839471	15201602	15089471	15043515	1.23	cps
Molybdenum	94-1	13185873	13046087	12989401	13073787	0.77	cps
Molybdenum	95-1	16065301	16037198	15983123	16028541	0.26	cps
Molybdenum	96-1	17524367	17612652	17156554	17431191	1.39	cps
Molybdenum	97-1	9972664	9785169	9720968	9826267	1.33	cps
Molybdenum	98-1	25610368	25135290	25353463	25366373	0.94	cps
Neodymium	150-1	760	773	627	720	11.27	cps
Neodymium	150-2	73	103	87	88	17.12	cps
Nickel	60-2	948785	945058	944316	946053	0.25	cps
Phosphorus	31-2	109416	112454	108097	109989	2.03	cps
Potassium	39-2	50259968	49943912	50076464	50093448	0.32	cps
Rhodium	103-1	12451230	12266762	12293079	12337024	0.81	cps
Rhodium	103-2	6202186	6223227	6323927	6249780	1.04	cps
Scandium	45-1	9860362	9979411	9742743	9860839	1.20	cps
Scandium	45-2	566942	571892	584794	574543	1.60	cps
Selenium	82-1	121069	121531	120063	120888	0.62	cps
Selenium	77-2	6812	6918	6792	6841	1.00	cps
Selenium	78-2	22892	23515	23256	23221	1.35	cps
Silicon	28-1	6016272	6169813	6220940	6135675	1.74	cps
Silver	107-1	7809306	7750751	7615032	7725030	1.29	cps
Silver	109-1	8032500	7424333	7361491	7606108	4.87	cps
Sodium	23-2	166259070	164727125	167316654	166100950	0.78	cps
Strontium	86-1	2177999	2185405	2139918	2167774	1.13	cps
Strontium	88-1	18835089	19124864	18841994	18933982	0.87	cps
Sulfur	34-1	1351227	1331264	1332114	1338202	0.84	cps
Terbium	159-1	18792641	18736517	18538682	18689280	0.71	cps
Terbium	159-2	8895946	9037314	9227799	9053686	1.84	cps
Thallium	203-1	5752383	5648508	5567281	5656057	1.64	cps
Thallium	205-1	14703270	14551997	14307051	14520773	1.38	cps
Thorium	232-1	23650957	23963062	23626136	23746718	0.79	cps
Tin	118-1	5047723	5001499	4923780	4991000	1.25	cps
Titanium	47-1	4698208	4716177	4715049	4709811	0.21	cps
Uranium	238-1	22839788	22768031	22791275	22799698	0.16	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:45:04	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2042707	2018358	2036568	2032544	0.62	cps
Yttrium	89-1	22387210	22469910	22145044	22334054	0.76	cps
Yttrium	89-2	3694405	3715800	3758431	3722879	0.88	cps
Zinc	66-2	4172651	4172521	4145872	4163682	0.37	cps
Zirconium	91-1	2508496	2517250	2491118	2505621	0.53	cps
Zirconium	90-1	11084647	11147277	10948942	11060289	0.92	cps

LB Number : lb111461 Operator : JASWAL
 Lab Sample ID : CCB03 Instrumnet Name : P7
 Client Sample ID : CCB03 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 17:57:13 DataFile Name : 043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	392	375	358	375	4.44	cps
Antimony	121-1	708	825	792	775	7.76	cps
Arsenic	75-2	15	22	24	20	24.06	cps
Barium	135-1	333	275	242	283	16.38	cps
Barium	137-1	450	517	592	519	13.64	cps
Beryllium	9-1	111	106	128	115	10.07	cps
Bismuth	209-1	12253564	12380184	12169005	12267585	0.87	cps
Bismuth	209-2	6440133	6359667	6385138	6394979	0.64	cps
Boron	11-1	21249	21082	20164	20831	2.80	cps
Boron	10-1	4576	4743	4184	4501	6.37	cps
Bromine	81-1	44561	45739	44921	45074	1.34	cps
Bromine	81-2	80	60	80	73	15.75	cps
Cadmium	106-1	10262	10079	10763	10368	3.41	cps
Cadmium	108-1	38	33	50	40	21.54	cps
Cadmium	111-1	7253	7098	7566	7306	3.26	cps
Calcium	43-1	458	592	525	525	12.70	cps
Calcium	44-1	22835	22626	24112	23191	3.47	cps
Chromium	52-2	1147	1213	1117	1159	4.27	cps
Cobalt	59-2	220	267	227	238	10.62	cps
Copper	63-2	3377	3330	3057	3255	5.31	cps
Dysprosium	156-2	10	10	10	10	0.00	cps
Dysprosium	156-1	25	8	58	31	83.33	cps
Erbium	164-1	67	125	100	97	30.10	cps
Erbium	164-2	43	47	43	44	4.34	cps
Gadolinium	160-1	142	142	142	142	0.00	cps
Gadolinium	160-2	433	400	447	427	5.63	cps
Holmium	165-1	18827819	18751415	18832318	18803851	0.24	cps
Holmium	165-2	9357207	9451301	9465160	9424556	0.62	cps
Indium	115-1	14521583	14767250	14838058	14708964	1.13	cps
Indium	115-2	3251393	3239842	3262462	3251233	0.35	cps
Iron	56-2	22768	21872	22173	22271	2.05	cps
Iron	57-2	1167	1095	1017	1093	6.87	cps
Iron	54-2	1872	2022	1882	1925	4.36	cps
Krypton	83-1	640	610	607	619	2.97	cps
Lead	206-1	2150	1928	2128	2069	5.92	cps
Lead	207-1	1900	2050	1867	1939	5.04	cps

LB Number : lb111461 Operator : JASWAL
 Lab Sample ID : CCB03 Instrumnet Name : P7
 Client Sample ID : CCB03 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 17:57:13 DataFile Name : 043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	208-1	8507	8885	8440	8611	2.78	cps
Lithium	6-1	3531229	3547467	3572351	3550349	0.58	cps
Magnesium	24-2	2967	3084	2917	2989	2.86	cps
Manganese	55-2	727	723	607	686	9.97	cps
Molybdenum	94-1	767	817	800	794	3.20	cps
Molybdenum	95-1	667	708	550	642	12.79	cps
Molybdenum	96-1	817	950	725	831	13.62	cps
Molybdenum	97-1	408	383	375	389	4.46	cps
Molybdenum	98-1	975	992	1267	1078	15.20	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	97	87	87	90	6.41	cps
Phosphorus	31-2	200	125	117	147	31.18	cps
Potassium	39-2	77185	77795	75835	76938	1.30	cps
Rhodium	103-1	13803494	13924361	13912641	13880165	0.48	cps
Rhodium	103-2	6958270	6975046	7080712	7004676	0.95	cps
Scandium	45-1	10063902	10072436	10096905	10077748	0.17	cps
Scandium	45-2	594335	595552	596245	595377	0.16	cps
Selenium	82-1	106	71	48	75	38.92	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	174	141	180	165	12.76	cps
Silicon	28-1	572870	576062	568396	572443	0.67	cps
Silver	107-1	608	500	483	531	12.79	cps
Silver	109-1	342	358	342	347	2.77	cps
Sodium	23-2	45603	45093	45461	45386	0.58	cps
Strontium	86-1	1117	1108	1033	1086	4.23	cps
Strontium	88-1	800	950	800	850	10.19	cps
Sulfur	34-1	665043	662912	656946	661633	0.63	cps
Terbium	159-1	18844578	19266178	19090350	19067035	1.11	cps
Terbium	159-2	9453923	9469823	9355797	9426515	0.66	cps
Thallium	203-1	450	492	558	500	10.93	cps
Thallium	205-1	1267	1275	1392	1311	5.33	cps
Thorium	232-1	1472	1539	1289	1433	9.03	cps
Tin	118-1	958	1142	1350	1150	17.04	cps
Titanium	47-1	300	367	283	317	13.93	cps
Uranium	238-1	608	683	600	631	7.28	cps

LB Number :	lb111461	Operator :	JASWAL
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 17:57:13	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	110	63	97	90	26.71	cps
Yttrium	89-1	23352435	23033014	23316147	23233865	0.75	cps
Yttrium	89-2	3868539	3872244	3860385	3867056	0.16	cps
Zinc	66-2	677	787	953	806	17.29	cps
Zirconium	91-1	258	333	375	322	18.35	cps
Zirconium	90-1	1400	1492	1425	1439	3.29	cps