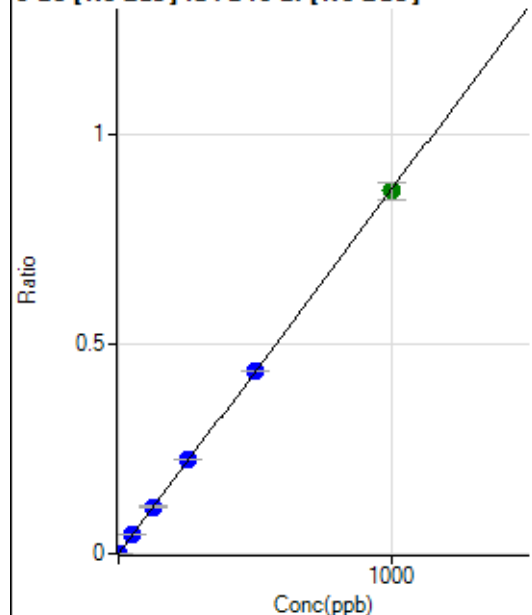


Batch Folder: D:\ICP-MS Data\P7030819 MS.b\
Analysis File: P7030819 MS.batch.bin
DA Date-Time: 2019-03-08 16:24:47
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-03-08 14:35:26
2			
3	005CALS.d	S02	2019-03-08 14:43:54
4	006CALS.d	S03	2019-03-08 14:47:50
5	007CALS.d	S04	2019-03-08 14:52:00
6	008CALS.d	S05	2019-03-08 14:55:48
7	010CALS.d	S06	2019-03-08 15:03:20
8	011CALS.d	S07	2019-03-08 15:07:06
9	012CALS.d	S08	2019-03-08 15:10:57

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	82.22	0.0000	P	14.2
2	☐	0.100					
3	☐	1.000	0.961	6204.69	0.0008	P	2.8
4	☐	50.000	52.918	328923.84	0.0459	P	0.9
5	☐	125.000	129.263	768369.61	0.1122	P	0.4
6	☐	250.000	258.546	1490658.64	0.2244	P	0.7
7	☐	500.000	501.581	2908548.36	0.4354	P	0.3
8	☐	1000.000	996.394	5629659.36	0.8649	A	4.8
9	☐			798.92	0.0001	P	13.7

$$y = 8.6798\text{E-}004 * x + 1.1388\text{E-}005$$

$$R = 1.0000$$

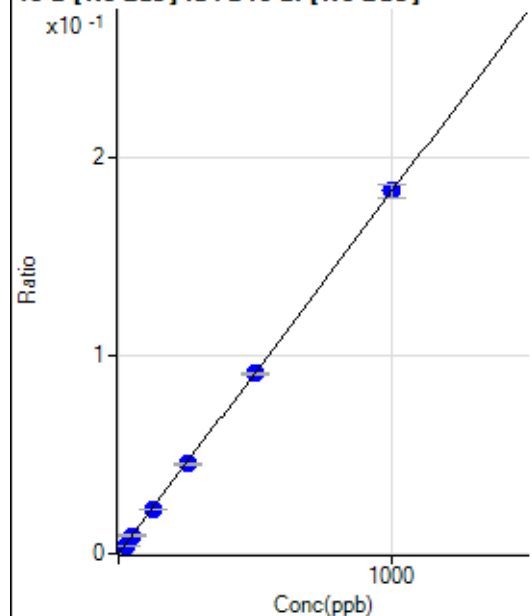
$$DL = 0.005578$$

$$BEC = 0.01312$$

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	813.94	0.0001	P	2.7
2	☐	2.500					
3	☐	25.000	22.227	30573.52	0.0042	P	4.0
4	☐	50.000	49.412	65336.44	0.0091	P	2.5
5	☐	125.000	121.528	152572.35	0.0223	P	1.6
6	☐	250.000	246.939	299974.08	0.0452	P	2.7
7	☐	500.000	497.416	606942.56	0.0909	P	1.3
8	☐	1000.000	1002.590	1191863.39	0.1830	P	3.4
9	☐			57689.82	0.0089	P	9.6

$$y = 1.8242\text{E-}004 * x + 1.1274\text{E-}004$$

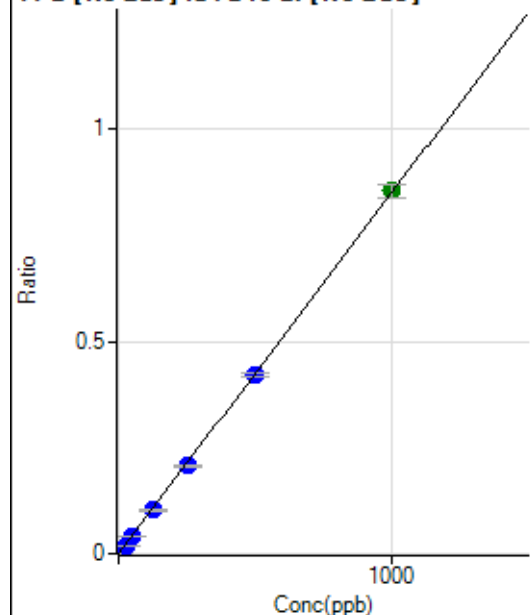
$$R = 1.0000$$

$$DL = 0.04936$$

$$BEC = 0.618$$

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	3714.50	0.0005	P	5.5
2	☐	2.500					
3	☐	25.000	22.015	141094.03	0.0192	P	3.8
4	☐	50.000	48.503	298910.93	0.0418	P	1.2
5	☐	125.000	120.337	704099.05	0.1028	P	1.8
6	☐	250.000	242.584	1373430.78	0.2068	P	2.2
7	☐	500.000	494.498	2812211.54	0.4209	P	1.7
8	☐	1000.000	1005.337	5569274.95	0.8553	A	3.7
9	☐			266607.29	0.0410	P	7.5

$$y = 8.5022\text{E-}004 * x + 5.1452\text{E-}004$$

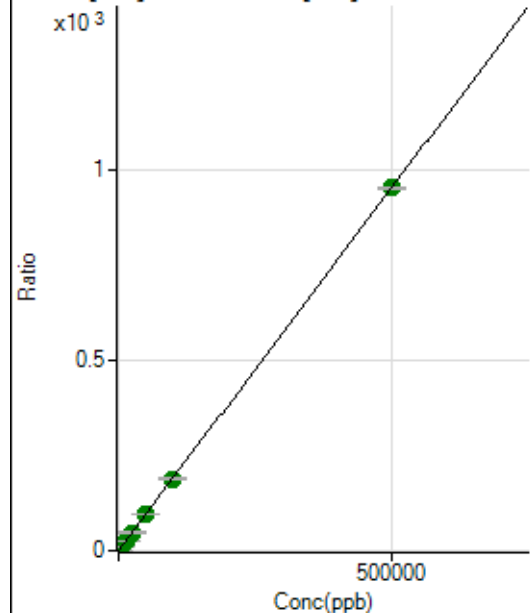
$$R = 1.0000$$

$$DL = 0.1007$$

$$BEC = 0.6052$$

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	24409.46	0.0285	P	0.5
2	☐	50.000					
3	☐	500.000	463.356	763746.14	0.9094	P	0.7
4	☐	5000.000	5015.161	7934305.56	9.5636	A	0.3
5	☐	12500.000	12507.181	18843425.60	23.8078	A	1.1
6	☐	25000.000	25155.712	37807794.94	47.8560	A	0.2
7	☐	50000.000	49836.761	76561964.91	94.7810	A	0.3
8	☐	100000.00	99367.375	154518382.62	188.9515	A	0.6
9	☐	500000.00	500134.76	812833395.95	950.9141	A	0.3

$$y = 0.0019 * x + 0.0285$$

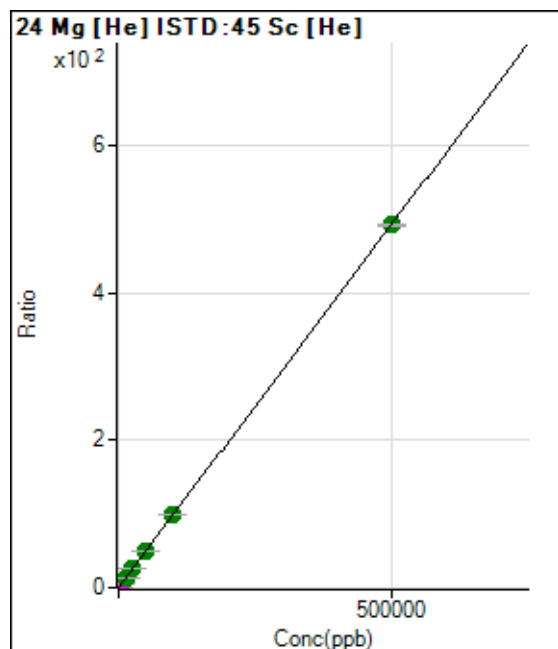
$$R = 1.0000$$

$$DL = 0.2216$$

$$BEC = 14.97$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	216.68	0.0003	P	27.3
2	☐	50.000					
3	☐	500.000	487.459	403636.74	0.4806	P	1.2
4	☐	5000.000	5193.386	4245580.22	5.1174	M	1.4
5	☐	12500.000	12919.085	10075281.73	12.7297	A	1.1
6	☐	25000.000	25769.451	20060179.27	25.3914	A	0.4
7	☐	50000.000	50551.868	40235540.83	49.8100	A	1.0
8	☐	100000.00	101184.09	81532927.51	99.6989	A	0.3
9	☐	500000.00	499657.12	420812912.19	492.3221	A	0.5

$$y = 9.8532\text{E-}004 * x + 2.5236\text{E-}004$$

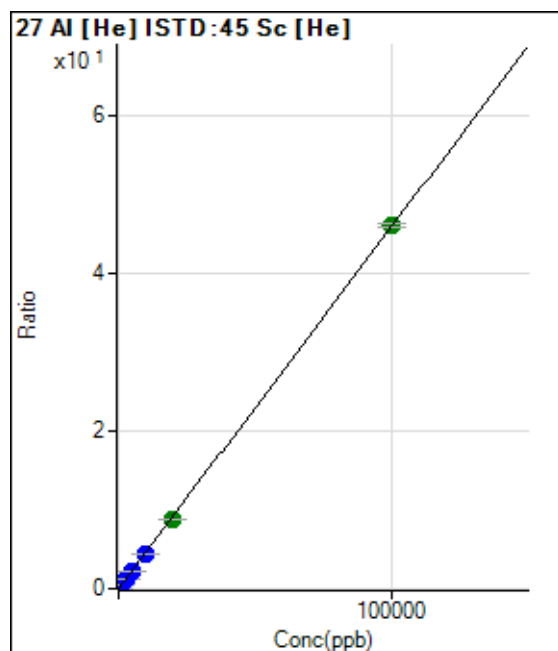
$$R = 1.0000$$

$$DL = 0.2097$$

$$BEC = 0.2561$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	72.23	0.0001	P	18.1
2	☐	2.000					
3	☐	20.000	17.738	6896.33	0.0082	P	0.9
4	☐	1000.000	973.980	370403.87	0.4465	P	1.1
5	☐	2500.000	2405.484	872673.35	1.1025	P	0.8
6	☐	5000.000	4839.118	1752191.12	2.2179	P	0.6
7	☐	10000.000	9524.417	3526125.60	4.3652	P	0.6
8	☐	20000.000	19107.784	7161778.37	8.7574	A	0.2
9	☐	100000.00	100236.66	39267717.20	45.9397	A	1.2

$$y = 4.5831\text{E-}004 * x + 8.4246\text{E-}005$$

$$R = 1.0000$$

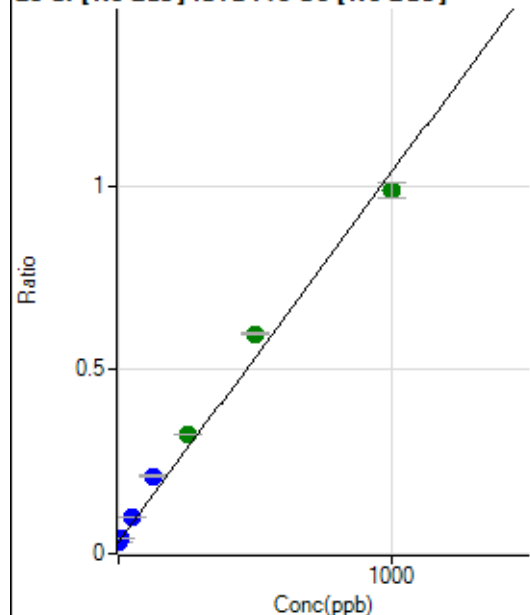
$$DL = 0.1001$$

$$BEC = 0.1838$$

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	457637.83	0.0317	P	0.6
2	☐	1.000					
3	☐	10.000	10.566	613478.75	0.0423	P	0.7
4	☐	50.000	69.516	1433734.92	0.1016	P	0.9
5	☐	125.000	178.884	2866930.32	0.2116	P	2.0
6	☐	250.000	291.472	4284793.80	0.3248	A	0.8
7	☐	500.000	563.500	7999161.20	0.5983	A	0.3
8	☐	1000.000	950.165	12954770.95	0.9872	A	4.1
9	☐			1031328.40	0.0765	P	0.6

$$y = 0.0010 * x + 0.0317$$

$$R = 0.9948$$

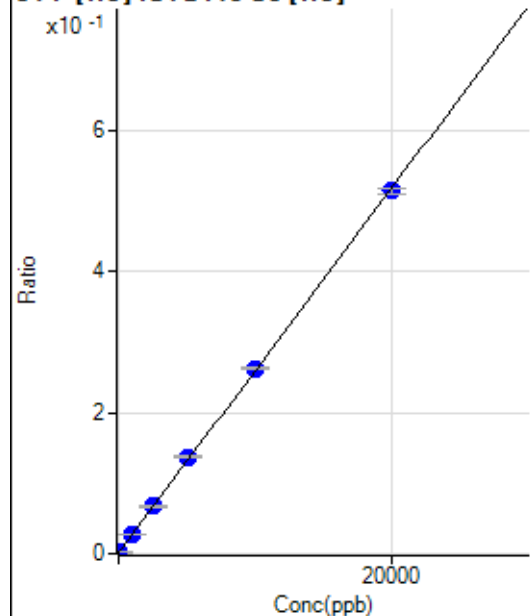
$$DL = 0.5329$$

$$BEC = 31.51$$

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	-25.253	391.69	0.0005	P	9.9
2	☐	0.000					
3	☐	0.000	25.253	1477.92	0.0018	P	9.1
4	☐	1000.000	1042.802	23232.79	0.0280	P	0.6
5	☐	2500.000	2547.936	52886.52	0.0668	P	2.5
6	☐	5000.000	5270.703	108266.50	0.1370	P	1.2
7	☐	10000.000	10123.340	211801.07	0.2622	P	1.4
8	☐	20000.000	19862.522	419816.64	0.5134	P	1.3
9	☐			680.60	0.0008	P	16.9

$$y = 2.5791E-005 * x + 0.0011$$

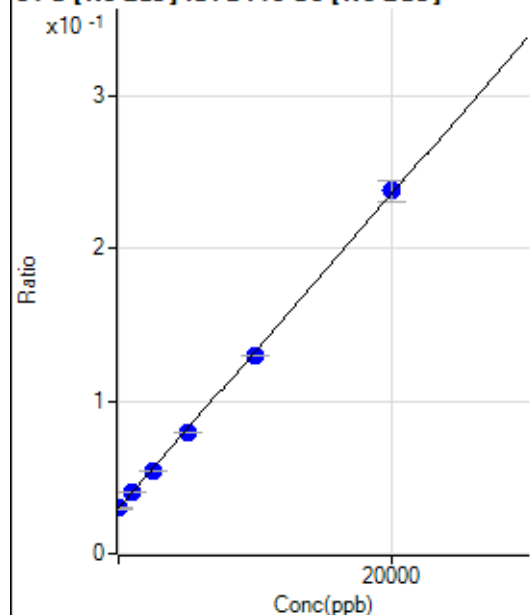
$$R = 0.9999$$

$$DL = 11.91$$

$$BEC = 42.96$$

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	5.315	429537.64	0.0297	P	1.6
2	☐	0.000					
3	☐	0.000	-5.315	429664.70	0.0296	P	0.7
4	☐	1000.000	988.389	562526.45	0.0399	P	0.4
5	☐	2500.000	2365.111	732153.08	0.0540	P	0.6
6	☐	5000.000	4833.574	1047861.22	0.0794	P	0.5
7	☐	10000.000	9734.246	1736088.47	0.1299	P	0.5
8	☐	20000.000	20191.925	3115018.69	0.2375	P	5.7
9	☐			390948.02	0.0290	P	1.4

$$y = 1.0291\text{E-}005 * x + 0.0297$$

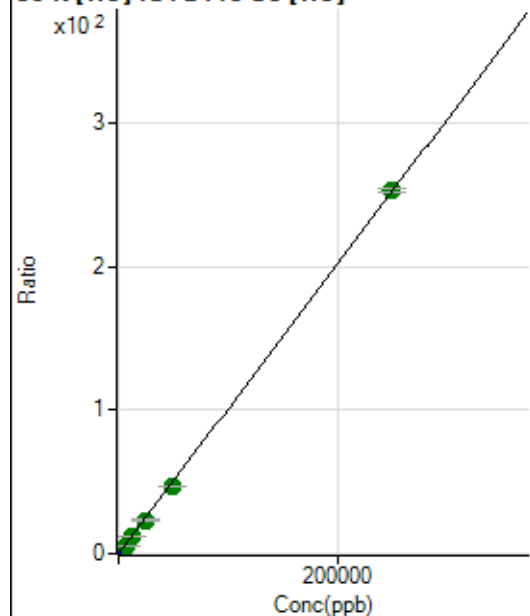
$$R = 0.9998$$

$$DL = 100.8$$

$$BEC = 2885$$

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	33689.17	0.0393	P	1.4
2	☐	50.000					
3	☐	500.000	438.655	404271.55	0.4815	P	0.7
4	☐	2500.000	2357.003	2003872.92	2.4154	P	0.4
5	☐	6250.000	5810.109	4666978.23	5.8964	A	0.8
6	☐	12500.000	11629.291	9292883.89	11.7627	A	0.5
7	☐	25000.000	23146.902	18880605.80	23.3735	A	1.2
8	☐	50000.000	46155.904	38084781.06	46.5688	A	0.8
9	☐	250000.00	251010.21	216322890.95	253.0813	A	1.0

$$y = 0.0010 * x + 0.0393$$

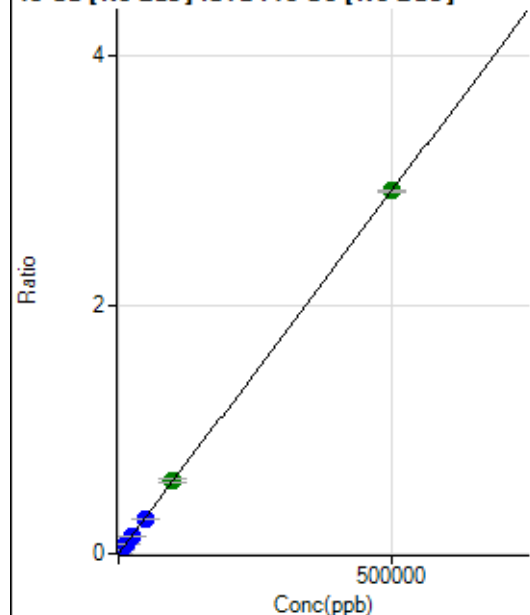
$$R = 0.9999$$

$$DL = 1.63$$

$$BEC = 38.96$$

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	327.80	0.0000	P	14.4
2	☐	50.000					
3	☐	500.000	447.355	38153.20	0.0026	P	0.7
4	☐	5000.000	4942.146	407054.50	0.0288	P	0.3
5	☐	12500.000	12131.554	959032.76	0.0708	P	0.1
6	☐	25000.000	24498.188	1885014.50	0.1429	P	1.0
7	☐	50000.000	48739.855	3800021.53	0.2843	P	1.1
8	☐	100000.00	99941.712	7646391.93	0.5828	A	5.2
9	☐	500000.00	500172.60	39293548.45	2.9169	A	0.8

$$y = 5.8316E-006 * x + 2.2697E-005$$

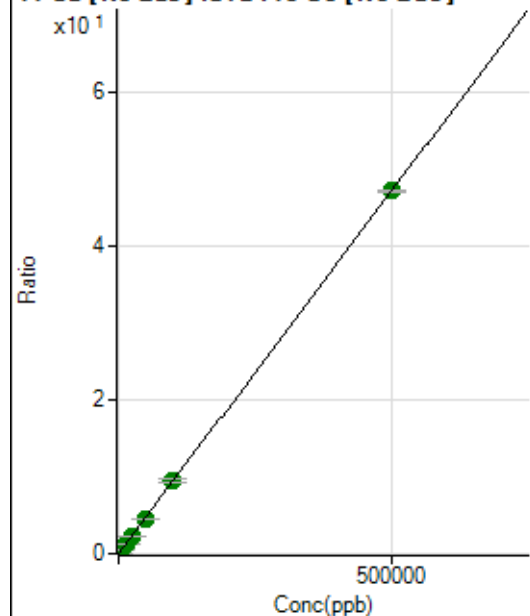
$$R = 1.0000$$

$$DL = 1.683$$

$$BEC = 3.892$$

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	55550.23	0.0038	P	1.2
2	☐	50.000					
3	☐	500.000	449.954	670510.36	0.0462	P	0.1
4	☐	5000.000	4863.154	6521384.70	0.4621	A	0.3
5	☐	12500.000	12070.702	15465494.27	1.1413	A	0.7
6	☐	25000.000	24206.429	30141219.42	2.2848	A	1.1
7	☐	50000.000	48447.019	61078388.17	4.5690	A	1.1
8	☐	100000.00	100126.58	123811395.83	9.4388	A	5.5
9	☐	500000.00	500181.81	634989125.30	47.1360	A	0.7

$$y = 9.4230E-005 * x + 0.0038$$

$$R = 1.0000$$

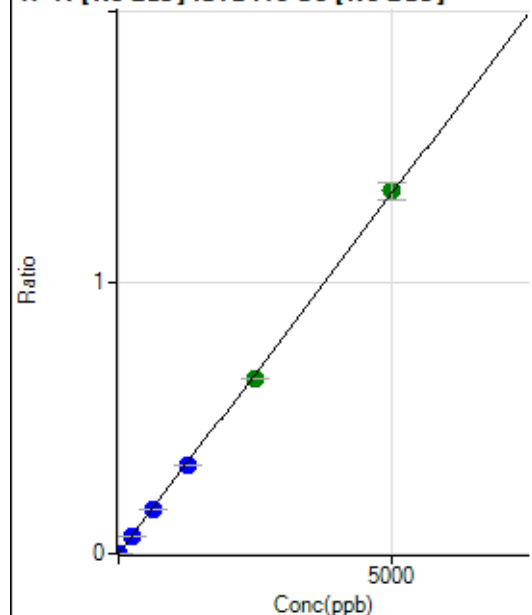
$$DL = 1.501$$

$$BEC = 40.82$$

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	505.59	0.0000	P	10.7
2	☐	0.500					
3	☐	5.000	4.716	18651.40	0.0013	P	3.1
4	☐	250.000	245.639	920527.78	0.0652	P	0.3
5	☐	625.000	605.590	2178509.90	0.1608	P	0.3
6	☐	1250.000	1229.996	4306854.65	0.3265	P	0.8
7	☐	2500.000	2429.691	8620901.15	0.6449	A	0.8
8	☐	5000.000	5042.800	17560315.32	1.3384	A	4.8
9	☐			6201.57	0.0005	P	6.0

$$y = 2.6540E-004 * x + 3.5001E-005$$

$$R = 0.9998$$

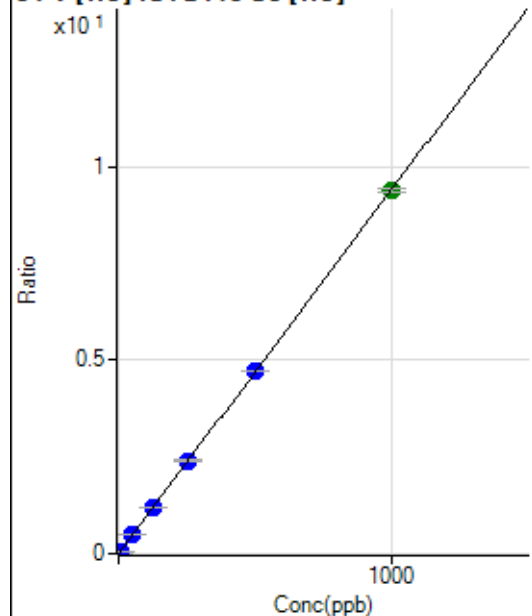
$$DL = 0.04244$$

$$BEC = 0.1319$$

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	15.56	0.0000	P	96.7
2	☐	0.500					
3	☐	5.000	4.885	38605.32	0.0460	P	1.4
4	☐	50.000	50.805	396459.05	0.4779	P	1.1
5	☐	125.000	126.488	941635.57	1.1897	P	1.3
6	☐	250.000	255.943	1901783.13	2.4073	P	1.1
7	☐	500.000	502.734	3819602.02	4.7285	P	0.3
8	☐	1000.000	996.922	7667739.54	9.3767	A	1.0
9	☐			1281.19	0.0015	P	3.8

$$y = 0.0094 * x + 1.8062E-005$$

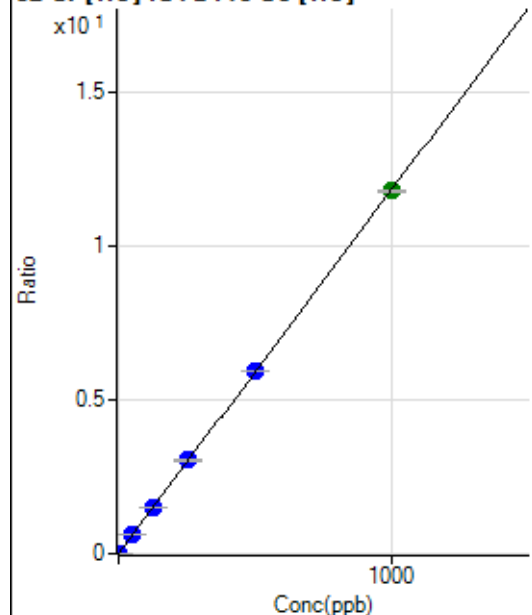
$$R = 1.0000$$

$$DL = 0.005568$$

$$BEC = 0.00192$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4803.07	0.0056	P	0.4
2	☐	0.200					
3	☐	2.000	1.950	24043.16	0.0286	P	1.4
4	☐	50.000	51.475	509142.78	0.6137	P	0.8
5	☐	125.000	128.594	1206804.56	1.5247	P	0.5
6	☐	250.000	257.602	2408432.55	3.0487	P	1.3
7	☐	500.000	500.445	4779984.44	5.9174	P	0.2
8	☐	1000.000	997.354	9639497.08	11.7875	A	0.6
9	☐			70026.81	0.0819	P	0.4

$$y = 0.0118 * x + 0.0056$$

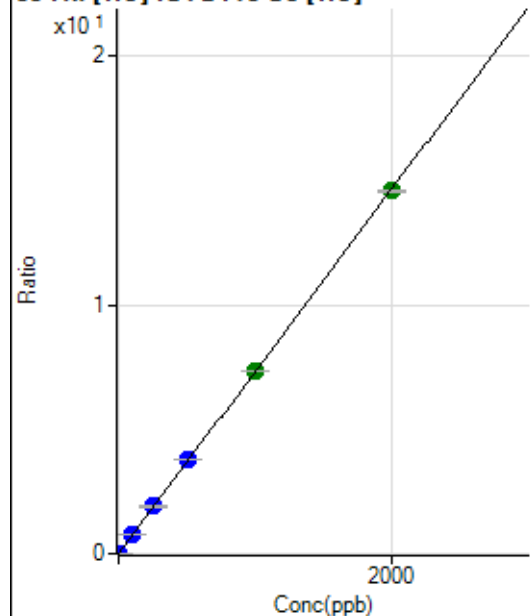
$$R = 1.0000$$

$$DL = 0.005226$$

$$BEC = 0.4739$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.23	0.0001	P	6.4
2	☐	0.100					
3	☐	1.000	1.000	6216.97	0.0074	P	2.5
4	☐	100.000	103.055	625649.88	0.7541	P	0.4
5	☐	250.000	258.971	1499836.14	1.8949	P	0.6
6	☐	500.000	517.106	2989141.97	3.7837	P	0.9
7	☐	1000.000	1005.301	5941804.15	7.3558	A	0.3
8	☐	2000.000	1991.799	11918061.90	14.5739	A	0.6
9	☐			49283.67	0.0577	P	1.0

$$y = 0.0073 * x + 8.4168E-005$$

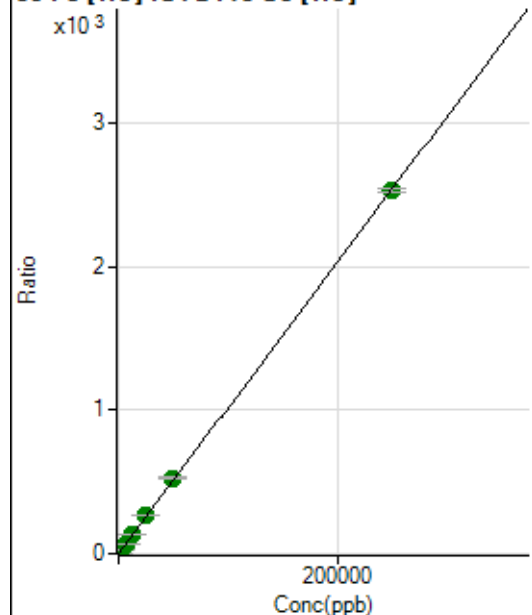
$$R = 1.0000$$

$$DL = 0.002202$$

$$BEC = 0.0115$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11903.30	0.0139	P	2.6
2	☐	5.000					
3	☐	50.000	52.331	456647.24	0.5438	P	0.4
4	☐	2500.000	2720.987	22869433.61	27.5663	A	1.4
5	☐	6250.000	6760.113	54189577.14	68.4660	A	1.2
6	☐	12500.000	13438.071	107505686.66	136.0862	A	1.4
7	☐	25000.000	26202.067	214329078.86	265.3330	A	1.0
8	☐	50000.000	52204.815	432308002.26	528.6338	A	0.4
9	☐	250000.00	249376.96	2158261188.9	2,525.176	A	1.1

$$y = 0.0101 * x + 0.0139$$

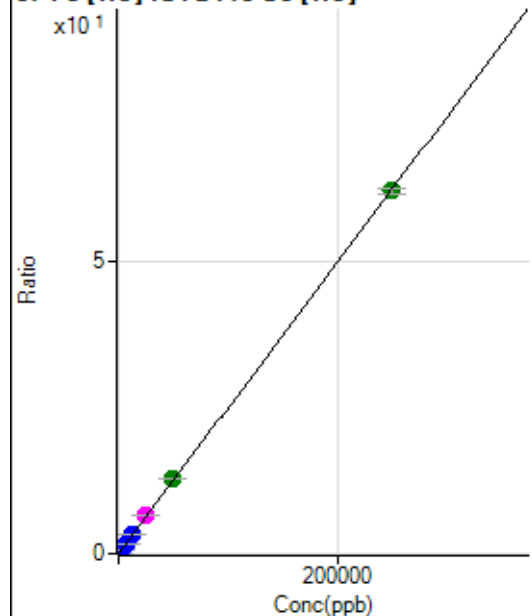
$$R = 1.0000$$

$$DL = 0.1054$$

$$BEC = 1.37$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	322.23	0.0004	P	16.9
2	☐	5.000					
3	☐	50.000	54.602	11691.97	0.0139	P	3.0
4	☐	2500.000	2692.932	554377.34	0.6682	P	0.1
5	☐	6250.000	6738.743	1323012.62	1.6716	P	0.9
6	☐	12500.000	13469.824	2639353.33	3.3408	P	0.6
7	☐	25000.000	26242.327	5257304.98	6.5084	M	0.4
8	☐	50000.000	51696.709	10484578.59	12.8210	A	0.8
9	☐	250000.00	249473.78	52878422.94	61.8689	A	1.7

$$y = 2.4800E-004 * x + 3.7576E-004$$

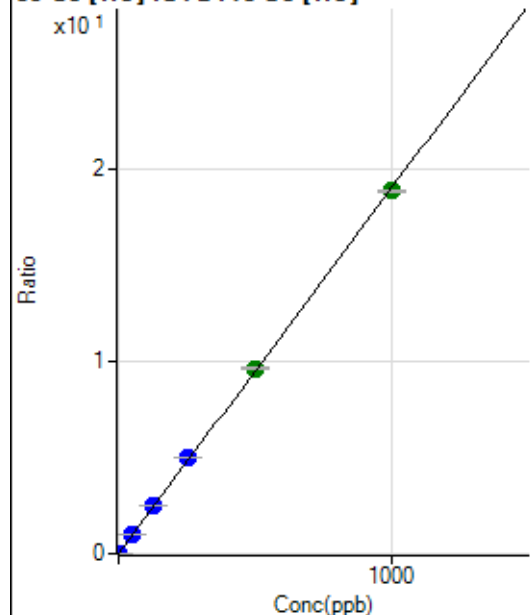
$$R = 1.0000$$

$$DL = 0.7676$$

$$BEC = 1.515$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	247.79	0.0003	P	21.5
2	☐	0.100					
3	☐	1.000	0.964	15594.05	0.0186	P	2.7
4	☐	50.000	52.781	831039.08	1.0017	P	0.8
5	☐	125.000	131.279	1971608.43	2.4910	P	1.2
6	☐	250.000	262.893	3940591.85	4.9881	P	1.0
7	☐	500.000	506.344	7760342.17	9.6070	A	0.6
8	☐	1000.000	992.681	15402113.94	18.8342	A	0.6
9	☐			175775.49	0.2056	P	0.5

$$y = 0.0190 * x + 2.8868E-004$$

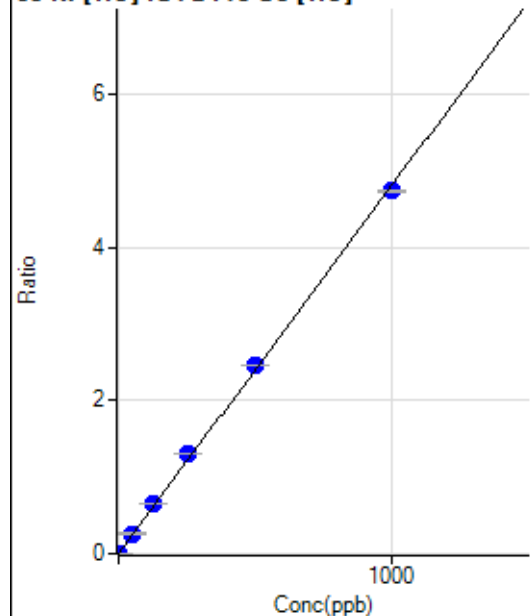
$$R = 0.9999$$

$$DL = 0.009822$$

$$BEC = 0.01522$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	128.89	0.0002	P	24.2
2	☐	0.100					
3	☐	1.000	1.040	4328.49	0.0052	P	3.9
4	☐	50.000	54.816	218745.44	0.2637	P	0.5
5	☐	125.000	135.897	517193.27	0.6534	P	0.5
6	☐	250.000	271.541	1031396.67	1.3055	P	0.5
7	☐	500.000	513.269	1993225.63	2.4676	P	0.4
8	☐	1000.000	986.377	3877720.60	4.7419	P	0.8
9	☐			45178.52	0.0528	P	1.7

$$y = 0.0048 * x + 1.5033E-004$$

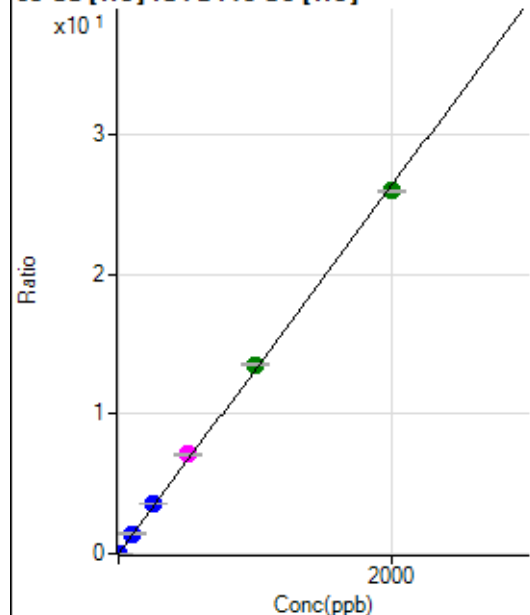
$$R = 0.9996$$

$$DL = 0.02267$$

$$BEC = 0.03127$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1317.86	0.0015	P	10.3
2	☐	0.200					
3	☐	2.000	2.033	23775.17	0.0283	P	0.4
4	☐	100.000	109.245	1195238.40	1.4407	P	0.8
5	☐	250.000	271.148	2828435.20	3.5735	P	1.0
6	☐	500.000	539.013	5610865.47	7.1023	M	0.9
7	☐	1000.000	1029.198	10953285.81	13.5598	A	0.3
8	☐	2000.000	1972.542	21251346.21	25.9871	A	0.7
9	☐			23532.50	0.0275	P	1.5

$$y = 0.0132 * x + 0.0015$$

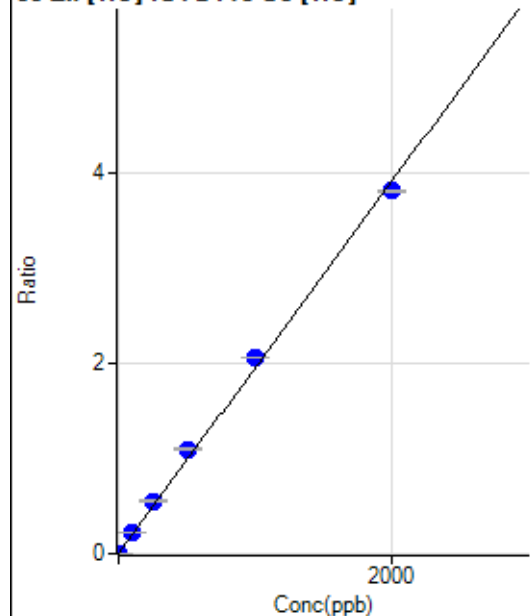
$$R = 0.9996$$

$$DL = 0.03619$$

$$BEC = 0.1166$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	547.80	0.0006	P	11.1
2	☐	0.200					
3	☐	2.000	2.256	4231.80	0.0050	P	0.8
4	☐	100.000	115.877	188058.58	0.2267	P	0.5
5	☐	250.000	283.437	438118.39	0.5535	P	1.0
6	☐	500.000	561.450	865723.77	1.0958	P	0.9
7	☐	1000.000	1057.256	1666439.14	2.0630	P	0.5
8	☐	2000.000	1951.036	3112961.59	3.8065	P	0.2
9	☐			15416.12	0.0180	P	1.5

$$y = 0.0020 * x + 6.3821E-004$$

$$R = 0.9988$$

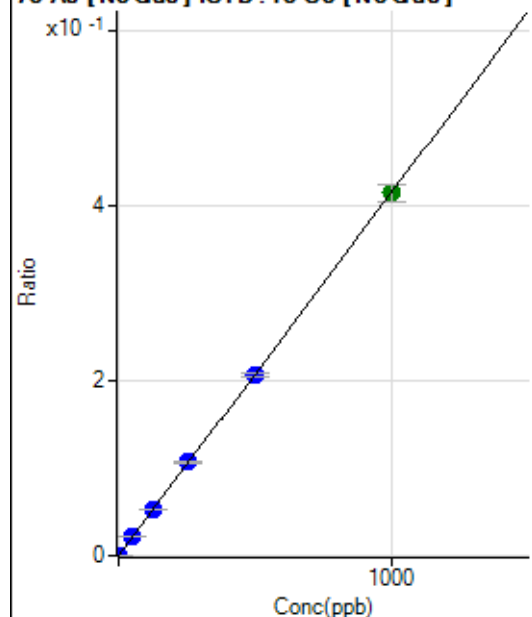
$$DL = 0.1094$$

$$BEC = 0.3272$$

Weight: <None>

Min Conc: 0

75 As [No Gas] ISTD:45 Sc [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-3498.16	-0.0002	P	-9.3
2	☐	0.100					
3	☐	1.000	0.835	1511.95	0.0001	P	22.3
4	☐	50.000	51.213	296359.62	0.0210	P	0.7
5	☐	125.000	127.790	714988.60	0.0528	P	0.5
6	☐	250.000	256.802	1401937.69	0.1063	P	0.4
7	☐	500.000	497.901	2757417.09	0.2063	P	1.6
8	☐	1000.000	998.940	5432667.94	0.4141	A	5.0
9	☐			3785.89	0.0003	P	3.8

$$y = 4.1478\text{E-}004 * x - 2.4225\text{E-}004$$

$$R = 1.0000$$

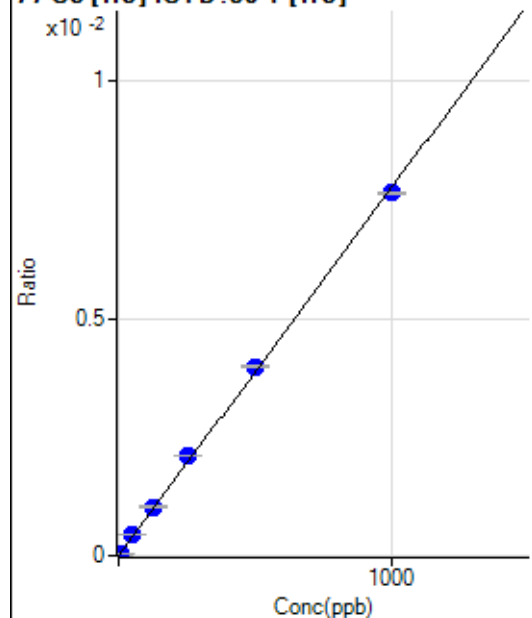
$$DL = 0.1622$$

$$BEC = -0.5841$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	5.439	175.56	0.0000	P	8.3
4	☐	50.000	58.156	1861.26	0.0005	P	4.5
5	☐	125.000	132.243	4058.42	0.0010	P	1.8
6	☐	250.000	271.727	8334.75	0.0021	P	1.2
7	☐	500.000	514.112	16012.36	0.0040	P	0.4
8	☐	1000.000	986.197	30689.40	0.0076	P	0.7
9	☐			3.33	0.0000	P	101.

$$y = 7.7504\text{E-}006 * x + 2.6295\text{E-}007$$

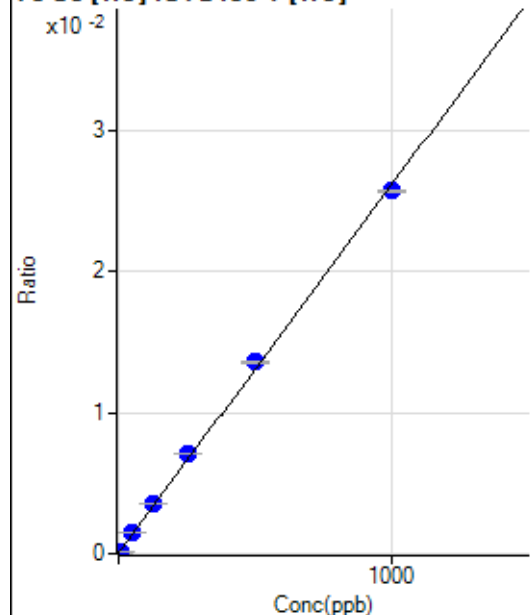
$$R = 0.9996$$

$$DL = 0.1763$$

$$BEC = 0.03393$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	171.61	0.0000	P	16.1
2	☐	0.500					
3	☐	5.000	5.788	793.86	0.0002	P	6.9
4	☐	50.000	54.530	6040.20	0.0015	P	2.7
5	☐	125.000	134.577	14061.85	0.0036	P	1.6
6	☐	250.000	270.519	28093.90	0.0071	P	1.5
7	☐	500.000	518.909	54570.75	0.0136	P	1.0
8	☐	1000.000	983.988	103256.95	0.0257	P	0.8
9	☐			224.70	0.0001	P	13.5

$$y = 2.6094\text{E-}005 * x + 4.0523\text{E-}005$$

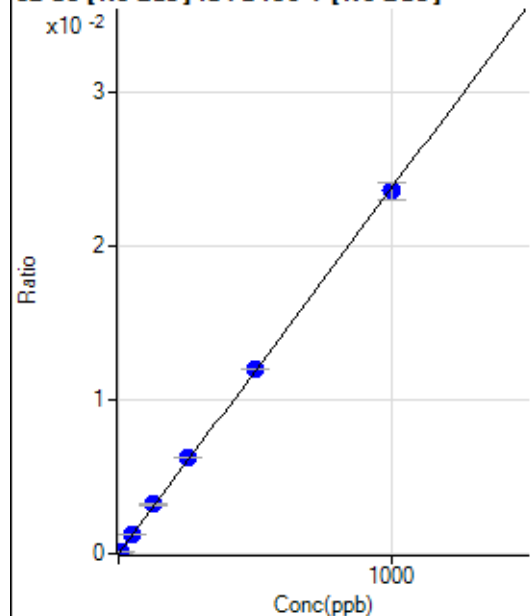
$$R = 0.9995$$

$$DL = 0.7518$$

$$BEC = 1.553$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	42.78	0.0000	P	285.
2	☐	0.500					
3	☐	5.000	5.391	3076.66	0.0001	P	1.9
4	☐	50.000	54.163	29628.81	0.0013	P	0.7
5	☐	125.000	134.558	70517.63	0.0032	P	1.0
6	☐	250.000	263.051	136176.36	0.0062	P	0.6
7	☐	500.000	505.115	265737.38	0.0120	P	0.3
8	☐	1000.000	992.775	505477.82	0.0236	P	4.9
9	☐			262.69	0.0000	P	47.6

$$y = 2.3750\text{E-}005 * x + 1.8595\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.6707$$

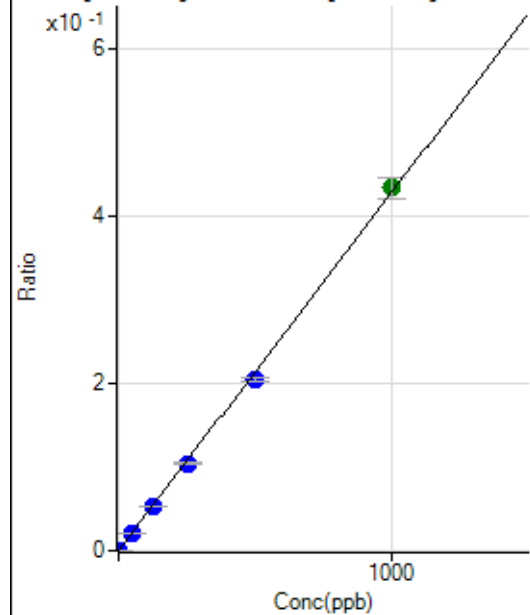
$$BEC = 0.0783$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			1666.79		P	4.2
2	☐						
3	☐			1565.67		P	7.8
4	☐			1584.56		P	3.4
5	☐			1610.12		P	5.0
6	☐			1398.98		P	6.8
7	☐			1436.77		P	4.9
8	☐			1516.77		P	5.4
9	☐			1612.34		P	5.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2692.04	0.0001	P	2.7
2	☐	0.100					
3	☐	1.000	0.762	10440.28	0.0004	P	2.1
4	☐	50.000	48.706	481451.51	0.0209	P	0.4
5	☐	125.000	121.145	1144461.49	0.0519	P	0.4
6	☐	250.000	242.094	2257161.71	0.1036	P	2.1
7	☐	500.000	477.939	4526895.80	0.2044	P	1.2
8	☐	1000.000	1013.554	9286748.73	0.4333	A	5.6
9	☐			35358.47	0.0017	P	1.8

$$y = 4.2740E-004 * x + 1.1519E-004$$

$$R = 0.9996$$

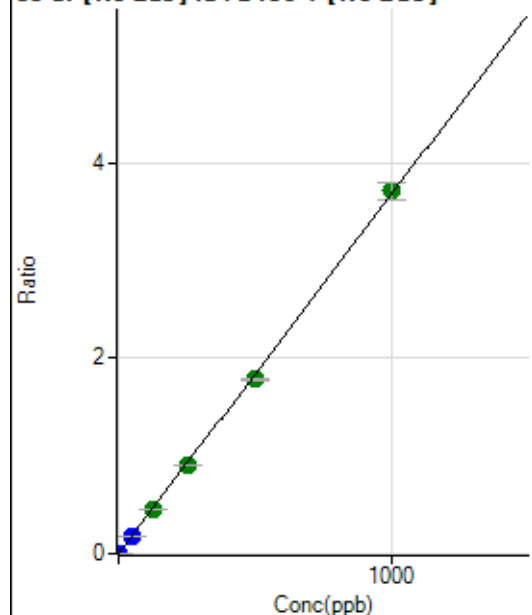
$$DL = 0.02161$$

$$BEC = 0.2695$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	269.46	0.0000	P	13.5
2	☐	0.100					
3	☐	1.000	0.783	68453.14	0.0029	P	1.1
4	☐	50.000	49.151	4155919.27	0.1807	P	0.6
5	☐	125.000	122.594	9938653.87	0.4507	A	0.7
6	☐	250.000	245.599	19672992.11	0.9028	A	1.0
7	☐	500.000	485.015	39488955.05	1.7829	A	0.5
8	☐	1000.000	1008.936	79503891.36	3.7088	A	4.9
9	☐			285721.08	0.0136	P	1.6

$$y = 0.0037 * x + 1.1539E-005$$

$$R = 0.9998$$

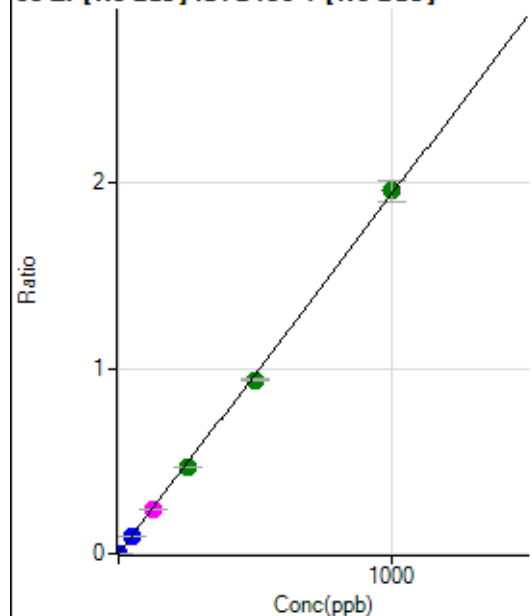
$$DL = 0.001267$$

$$BEC = 0.003139$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1430.69	0.0001	P	8.0
2	☐	0.100					
3	☐	1.000	0.870	41397.23	0.0017	P	2.2
4	☐	50.000	48.562	2166769.08	0.0942	P	0.4
5	☐	125.000	122.768	5250377.59	0.2381	M	0.5
6	☐	250.000	241.605	10207891.81	0.4684	A	0.8
7	☐	500.000	484.403	20800602.37	0.9391	A	0.2
8	☐	1000.000	1010.248	41974942.60	1.9586	A	5.6
9	☐			12100.02	0.0006	P	5.5

$$y = 0.0019 * x + 6.1257E-005$$

$$R = 0.9998$$

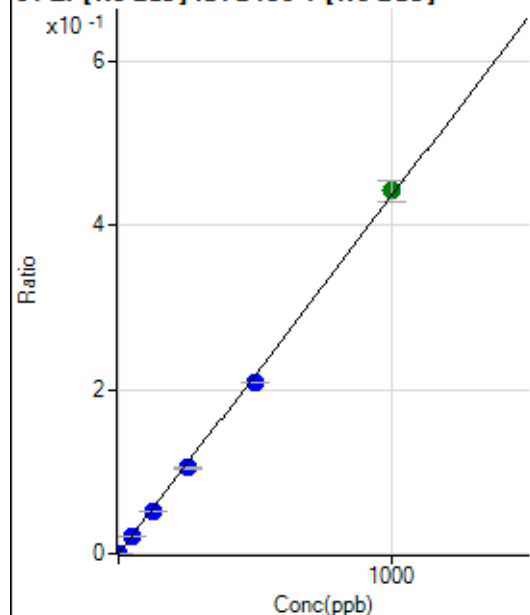
$$DL = 0.007547$$

$$BEC = 0.0316$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	258.35	0.0000	P	12.0
2	☐	0.100					
3	☐	1.000	0.852	9039.35	0.0004	P	3.3
4	☐	50.000	48.107	481628.52	0.0209	P	0.6
5	☐	125.000	120.421	1155691.35	0.0524	P	0.8
6	☐	250.000	239.269	2268575.87	0.1041	P	0.5
7	☐	500.000	477.891	4605147.93	0.2079	P	0.8
8	☐	1000.000	1014.405	9458893.09	0.4413	A	5.5
9	☐			2594.80	0.0001	P	11.3

$$y = 4.3505\text{E-}004 * x + 1.1064\text{E-}005$$

$$R = 0.9996$$

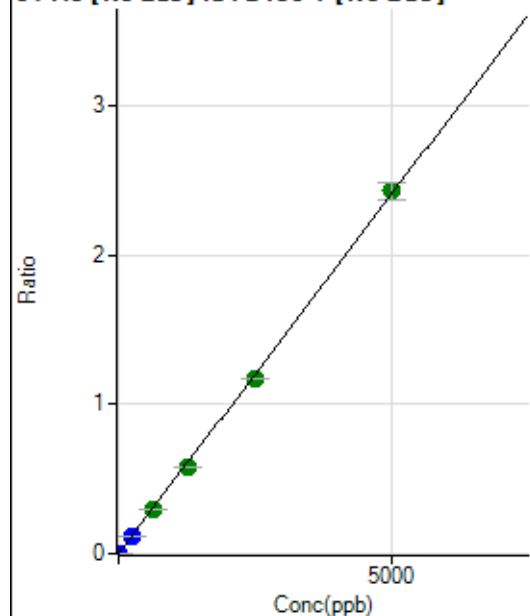
$$DL = 0.009125$$

$$BEC = 0.02543$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	563.92	0.0000	P	16.4
2	☐	0.500					
3	☐	5.000	4.406	50894.64	0.0021	P	0.8
4	☐	250.000	245.443	2722298.95	0.1184	P	0.1
5	☐	625.000	606.159	6445634.09	0.2923	A	0.7
6	☐	1250.000	1213.016	12744472.51	0.5848	A	0.5
7	☐	2500.000	2428.504	25932655.09	1.1709	A	0.2
8	☐	5000.000	5047.578	52171714.71	2.4336	A	4.7
9	☐			23481.25	0.0011	P	7.0

$$y = 4.8212\text{E-}004 * x + 2.4103\text{E-}005$$

$$R = 0.9998$$

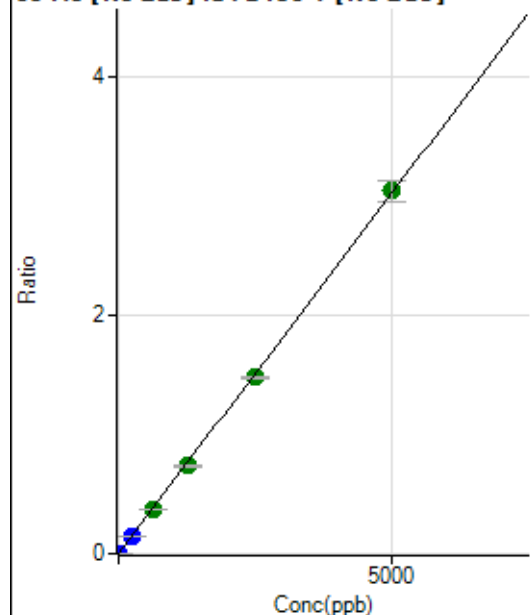
$$DL = 0.02467$$

$$BEC = 0.04999$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	177.79	0.0000	P	12.9
2	☐	0.500					
3	☐	5.000	4.392	62953.86	0.0027	P	1.5
4	☐	250.000	246.902	3426845.52	0.1490	P	1.0
5	☐	625.000	604.597	8045768.93	0.3648	A	1.0
6	☐	1250.000	1221.059	16055748.80	0.7368	A	1.1
7	☐	2500.000	2444.137	32665432.67	1.4748	A	0.2
8	☐	5000.000	5037.873	65143888.96	3.0399	A	6.0
9	☐			34907.65	0.0017	P	4.3

$$y = 6.0341\text{E-}004 * x + 7.6169\text{E-}006$$

$$R = 0.9999$$

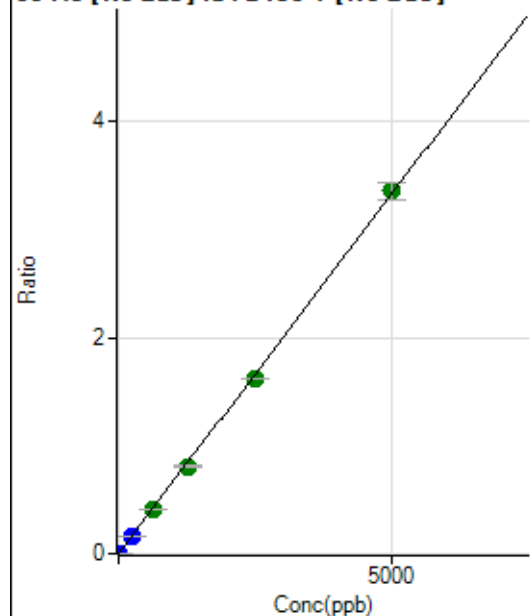
$$DL = 0.00489$$

$$BEC = 0.01262$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	347.24	0.0000	P	28.4
2	☐	0.500					
3	☐	5.000	4.418	70081.25	0.0030	P	1.7
4	☐	250.000	247.275	3789322.48	0.1648	P	0.8
5	☐	625.000	611.893	8990465.39	0.4077	A	1.3
6	☐	1250.000	1216.091	17654835.12	0.8102	A	0.7
7	☐	2500.000	2429.498	35848386.91	1.6186	A	0.3
8	☐	5000.000	5045.503	72070360.64	3.3614	A	4.5
9	☐			51845.69	0.0025	P	3.7

$$y = 6.6621\text{E-}004 * x + 1.4901\text{E-}005$$

$$R = 0.9998$$

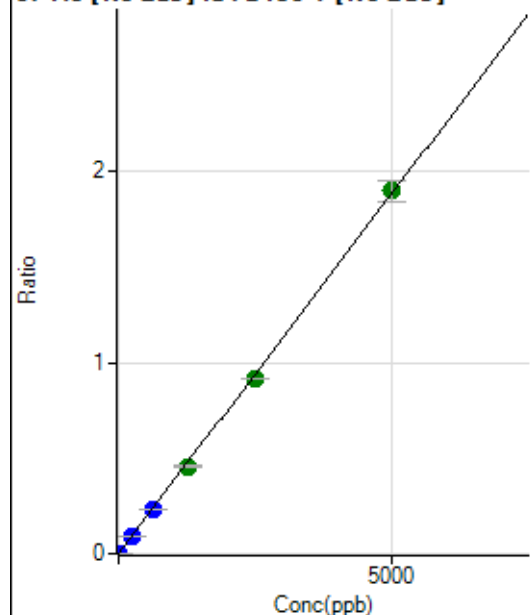
$$DL = 0.01907$$

$$BEC = 0.02237$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	108.34	0.0000	P	26.2
2	☐	0.500					
3	☐	5.000	4.376	39104.66	0.0017	P	0.1
4	☐	250.000	246.413	2132002.13	0.0927	P	0.3
5	☐	625.000	613.763	5091776.29	0.2309	P	0.4
6	☐	1250.000	1215.442	9962770.19	0.4572	A	1.0
7	☐	2500.000	2434.283	20280034.13	0.9157	A	0.6
8	☐	5000.000	5043.083	40655104.38	1.8970	A	5.7
9	☐			20576.69	0.0010	P	6.0

$$y = 3.7616\text{E-}004 * x + 4.6259\text{E-}006$$

$$R = 0.9998$$

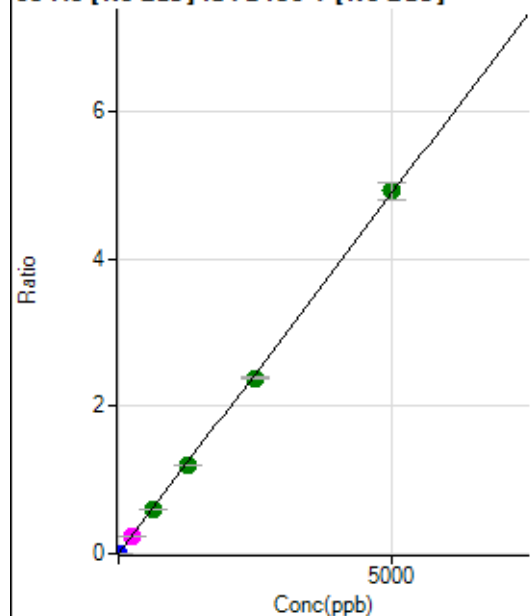
$$DL = 0.00968$$

$$BEC = 0.0123$$

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	300.02	0.0000	P	10.6
2	☐	0.500					
3	☐	5.000	4.401	102194.20	0.0043	P	0.9
4	☐	250.000	245.277	5513950.69	0.2397	M	0.4
5	☐	625.000	613.073	13214271.91	0.5992	A	1.2
6	☐	1250.000	1221.577	26016430.79	1.1939	A	1.0
7	☐	2500.000	2438.394	52782093.89	2.3831	A	0.5
8	☐	5000.000	5039.636	105581482.22	4.9254	A	5.0
9	☐			49613.17	0.0024	P	7.8

$$y = 9.7734\text{E-}004 * x + 1.2827\text{E-}005$$

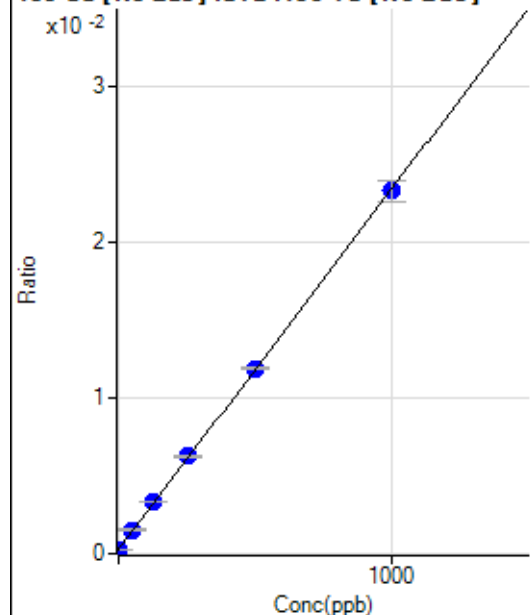
$$R = 0.9999$$

$$DL = 0.004174$$

$$BEC = 0.01312$$

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	8780.89	0.0003	P	3.0
2	☐	0.100					
3	☐	1.000	0.802	9447.96	0.0003	P	3.7
4	☐	50.000	55.038	50605.38	0.0015	P	0.6
5	☐	125.000	133.180	108120.27	0.0033	P	0.7
6	☐	250.000	259.232	199247.25	0.0063	P	1.9
7	☐	500.000	502.287	385592.01	0.0119	P	1.4
8	☐	1000.000	995.274	728807.42	0.0232	P	5.5
9	☐			8733.59	0.0003	P	3.0

$$y = 2.3089\text{E-}005 * x + 2.6837\text{E-}004$$

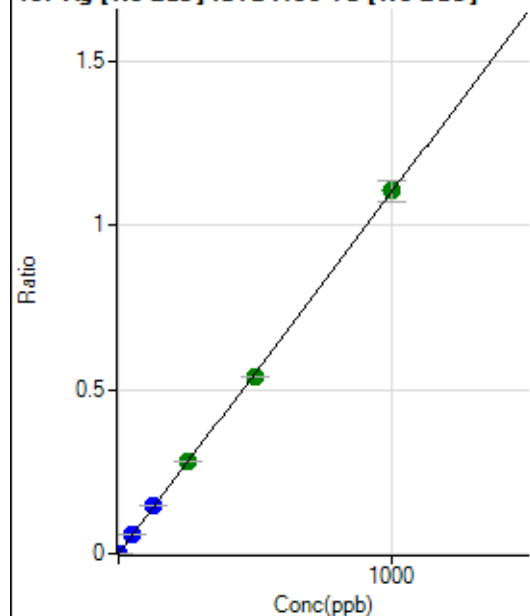
$$R = 0.9999$$

$$DL = 1.036$$

$$BEC = 11.62$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	272.23	0.0000	P	1.6
2	☐	0.100					
3	☐	1.000	1.016	37080.34	0.0011	P	0.7
4	☐	50.000	54.185	1958871.14	0.0596	P	0.6
5	☐	125.000	131.072	4660205.83	0.1441	P	0.9
6	☐	250.000	255.760	8958740.04	0.2812	A	0.7
7	☐	500.000	488.002	17434525.91	0.5365	A	0.1
8	☐	1000.000	1003.591	34583932.71	1.1034	A	6.0
9	☐			2942.11	0.0001	P	20.2

$$y = 0.0011 * x + 8.3206\text{E-}006$$

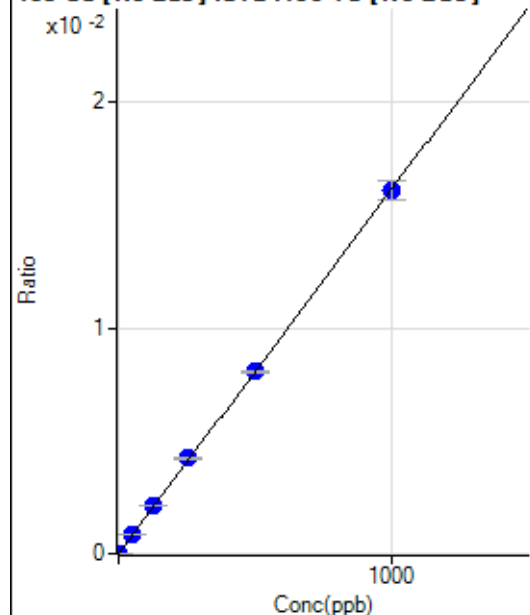
$$R = 0.9999$$

$$DL = 0.0003708$$

$$BEC = 0.007568$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	30.55	0.0000	P	28.4
2	☐	0.100					
3	☐	1.000	0.980	551.41	0.0000	P	11.6
4	☐	50.000	54.535	28975.77	0.0009	P	2.1
5	☐	125.000	133.499	69728.01	0.0022	P	1.0
6	☐	250.000	261.853	134715.05	0.0042	P	0.8
7	☐	500.000	499.705	262189.34	0.0081	P	1.3
8	☐	1000.000	995.895	504107.28	0.0161	P	5.2
9	☐			98.61	0.0000	P	6.7

$$y = 1.6144\text{E-}005 * x + 9.3370\text{E-}007$$

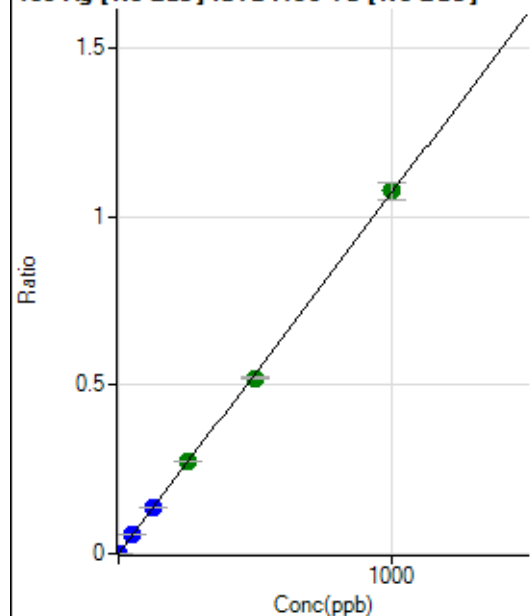
$$R = 0.9999$$

$$DL = 0.04921$$

$$BEC = 0.05783$$

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	155.56	0.0000	P	33.0
2	☐	0.100					
3	☐	1.000	1.013	35907.77	0.0011	P	2.9
4	☐	50.000	53.678	1890733.64	0.0575	P	0.6
5	☐	125.000	130.022	4504393.20	0.1393	P	0.5
6	☐	250.000	254.292	8678994.98	0.2724	A	0.8
7	☐	500.000	485.543	16901874.68	0.5201	A	1.0
8	☐	1000.000	1005.344	33767329.92	1.0770	A	5.1
9	☐			3031.03	0.0001	P	10.9

$$y = 0.0011 * x + 4.7583\text{E-}006$$

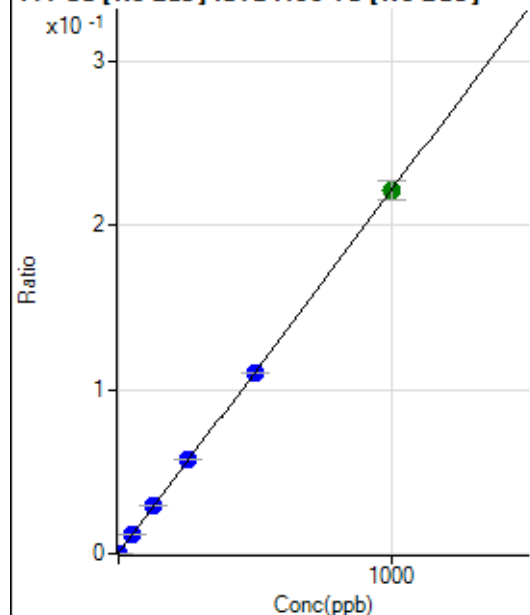
$$R = 0.9998$$

$$DL = 0.004398$$

$$BEC = 0.004442$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6186.35	0.0002	P	3.4
2	☐	0.100					
3	☐	1.000	0.986	13401.78	0.0004	P	2.0
4	☐	50.000	53.901	397854.61	0.0121	P	0.4
5	☐	125.000	131.633	946830.25	0.0293	P	0.4
6	☐	250.000	259.674	1834312.56	0.0576	P	0.9
7	☐	500.000	496.962	3574968.23	0.1100	P	0.8
8	☐	1000.000	998.077	6920638.25	0.2208	A	5.4
9	☐			6965.37	0.0002	P	1.8

$$y = 2.2099\text{E-}004 * x + 1.8908\text{E-}004$$

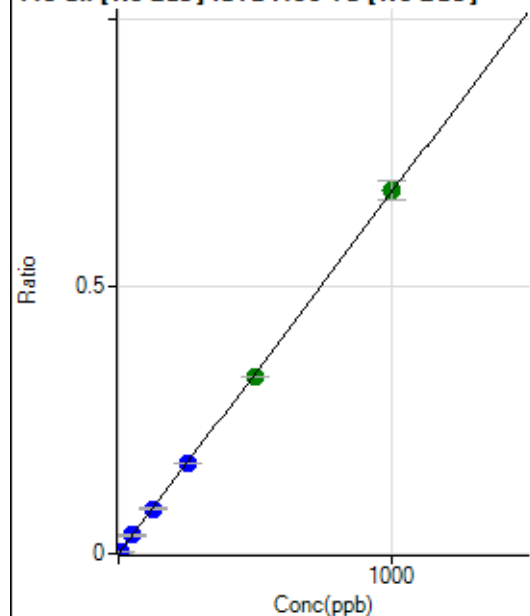
$$R = 0.9999$$

$$DL = 0.0862$$

$$BEC = 0.8556$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1163.99	0.0000	P	3.2
2	☐	0.500					
3	☐	5.000	4.903	110155.45	0.0033	P	1.6
4	☐	50.000	50.767	1127568.05	0.0343	P	1.6
5	☐	125.000	124.419	2716496.07	0.0840	P	1.8
6	☐	250.000	251.309	5404394.56	0.1696	P	1.2
7	☐	500.000	489.946	10745480.88	0.3307	A	0.5
8	☐	1000.000	1004.734	21258314.02	0.6781	A	5.3
9	☐			13345.82	0.0005	P	3.3

$$y = 6.7485\text{E-}004 * x + 3.5579\text{E-}005$$

$$R = 0.9999$$

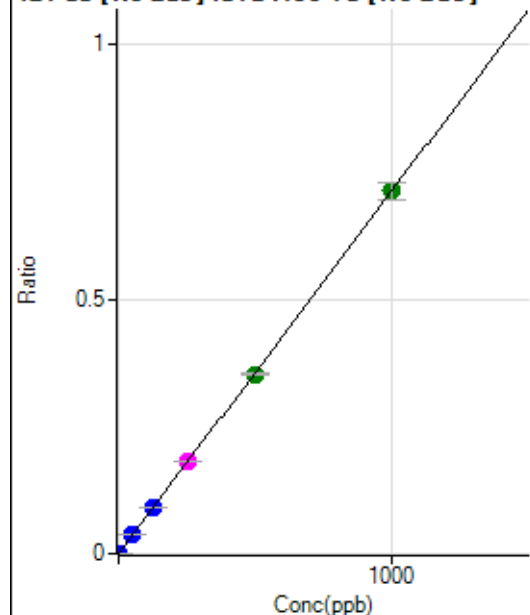
$$DL = 0.005055$$

$$BEC = 0.05272$$

Weight: <None>

Min Conc: 0

121 Sb [No Gas] ISTD : 159 Tb [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	175.01	0.0000	P	9.2
2	☐	0.200					
3	☐	2.000	1.846	43443.46	0.0013	P	0.3
4	☐	50.000	50.941	1191788.78	0.0362	P	1.4
5	☐	125.000	126.016	2899660.63	0.0897	P	0.6
6	☐	250.000	253.923	5756201.21	0.1807	M	1.3
7	☐	500.000	495.083	11446772.04	0.3523	A	0.9
8	☐	1000.000	1001.304	22338683.31	0.7124	A	4.9
9	☐			23386.97	0.0008	P	1.7

$$y = 7.1150\text{E-}004 * x + 5.3481\text{E-}006$$

$$R = 1.0000$$

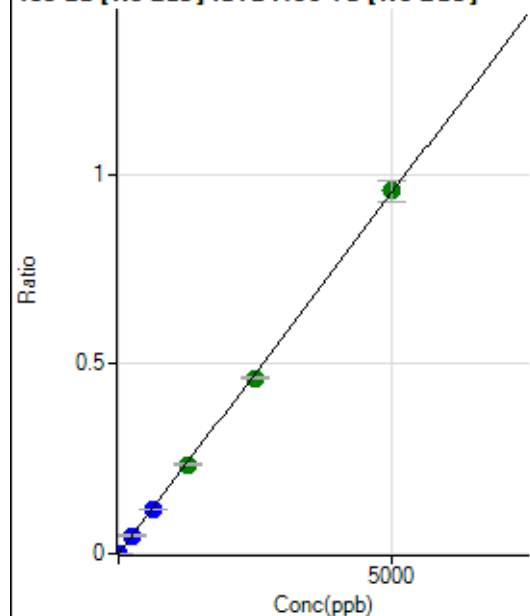
$$DL = 0.002077$$

$$BEC = 0.007517$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0000	P	0.4
2	☐	1.000					
3	☐	10.000	9.471	59244.30	0.0018	P	1.5
4	☐	250.000	252.513	1575870.32	0.0479	P	1.4
5	☐	625.000	619.940	3805419.27	0.1177	P	1.0
6	☐	1250.000	1238.210	7488014.75	0.2350	A	1.7
7	☐	2500.000	2440.474	15053043.39	0.4632	A	0.3
8	☐	5000.000	5033.219	29946596.85	0.9554	A	5.8
9	☐			4851.06	0.0002	P	14.8

$$y = 1.8981\text{E-}004 * x + 1.0187\text{E-}006$$

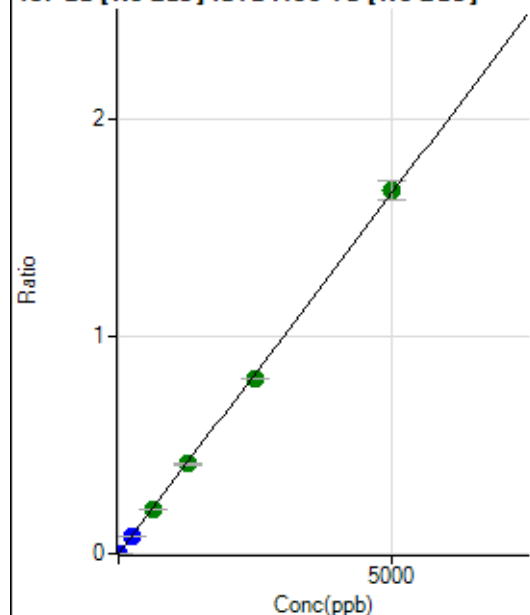
$$R = 0.9999$$

$$DL = 5.882\text{E-}05$$

$$BEC = 0.005367$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	83.34	0.0000	P	26.7
2	☐	1.000					
3	☐	10.000	9.473	103686.48	0.0031	P	2.1
4	☐	250.000	249.593	2725211.04	0.0829	P	1.2
5	☐	625.000	611.088	6562619.98	0.2029	A	0.9
6	☐	1250.000	1245.012	13172447.51	0.4135	A	0.9
7	☐	2500.000	2431.518	26239694.86	0.8075	A	0.1
8	☐	5000.000	5037.249	52445796.66	1.6728	A	5.3
9	☐			8750.37	0.0003	P	8.5

$$y = 3.3209\text{E-}004 * x + 2.5483\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.006149$$

$$BEC = 0.007673$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			6.67		P	173.
2	☐						
3	☐			6.67		P	0.0
4	☐			111.11		P	6.9
5	☐			228.90		P	13.8
6	☐			462.25		P	7.3
7	☐			844.50		P	11.2
8	☐			1766.84		P	15.9
9	☐			508.92		P	4.2

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	69.3
2	☐						
3	☐			1.11		P	173.
4	☐			12.22		P	41.7
5	☐			15.56		P	32.7
6	☐			56.67		P	17.6
7	☐			105.56		P	14.9
8	☐			210.01		P	11.4
9	☐			213.34		P	6.8

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	86.6
2	☐						
3	☐			13.89		P	34.7
4	☐			41.67		P	52.9
5	☐			63.89		P	27.2
6	☐			102.78		P	30.7
7	☐			161.12		P	33.3
8	☐			427.81		P	14.1
9	☐			230.57		P	20.6

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	50.0
2	☐						
3	☐			6.67		P	0.0
4	☐			26.67		P	12.5
5	☐			61.11		P	32.9
6	☐			122.23		P	17.7
7	☐			277.78		P	4.2
8	☐			482.24		P	3.2
9	☐			111.12		P	14.2

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			122.23		P	27.6
2	☐						
3	☐			183.35		P	47.2
4	☐			172.23		P	7.4
5	☐			180.57		P	7.0
6	☐			200.01		P	23.2
7	☐			222.24		P	38.3
8	☐			236.12		P	35.5
9	☐			255.57		P	32.7

160 Gd [He] No available calibration points

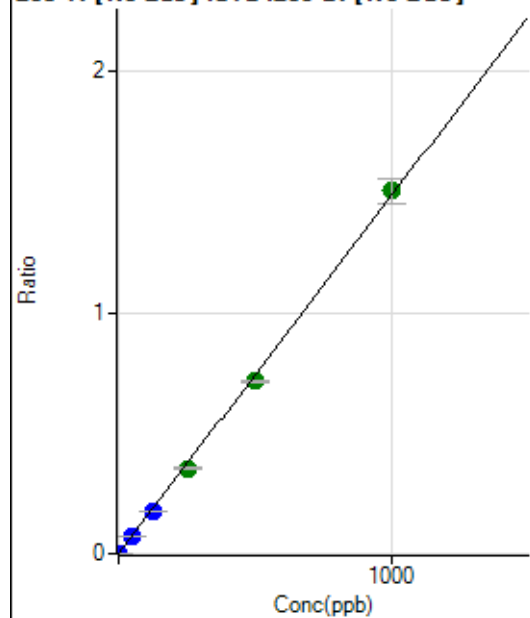
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			430.01		P	6.6
2	☐						
3	☐			433.35		P	4.7
4	☐			450.02		P	9.8
5	☐			365.57		P	13.5
6	☐			371.12		P	5.8
7	☐			394.46		P	5.8
8	☐			394.46		P	17.6
9	☐			451.12		P	8.0

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			116.67		P	35.7
2	☐						
3	☐			88.89		P	19.5
4	☐			102.78		P	33.8
5	☐			102.78		P	28.5
6	☐			122.23		P	14.2
7	☐			122.23		P	27.6
8	☐			136.12		P	25.5
9	☐			194.45		P	21.1

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			35.56		P	32.9
2	☐						
3	☐			52.22		P	28.8
4	☐			56.67		P	27.0
5	☐			46.67		P	7.1
6	☐			44.44		P	18.9
7	☐			60.00		P	9.6
8	☐			66.67		P	21.8
9	☐			77.78		P	23.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1100.10	0.0000	P	11.4
2	☐	0.100					
3	☐	1.000	0.838	28954.70	0.0013	P	2.2
4	☐	50.000	47.339	1570289.84	0.0704	P	0.8
5	☐	125.000	118.781	3824119.31	0.1766	P	1.1
6	☐	250.000	238.212	7514636.63	0.3542	A	0.9
7	☐	500.000	481.668	14906720.82	0.7161	A	0.9
8	☐	1000.000	1013.024	29396904.48	1.5061	A	7.1
9	☐			4473.17	0.0003	P	10.2

$$y = 0.0015 * x + 4.9240E-005$$

$$R = 0.9997$$

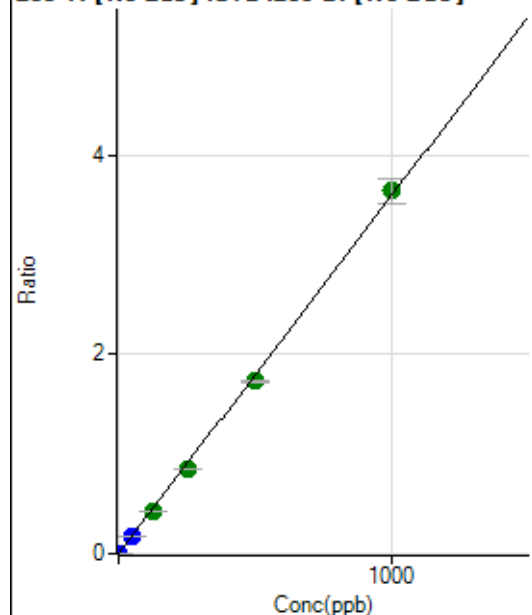
$$DL = 0.01134$$

$$BEC = 0.03312$$

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	2444.79	0.0001	P	9.1
2	☐	0.100					
3	☐	1.000	0.841	69999.49	0.0031	P	2.0
4	☐	50.000	47.504	3807071.35	0.1707	P	0.4
5	☐	125.000	116.760	9081750.03	0.4195	A	1.6
6	☐	250.000	237.647	18112528.36	0.8537	A	0.8
7	☐	500.000	481.148	35978197.33	1.7283	A	0.7
8	☐	1000.000	1013.669	71084102.28	3.6411	A	6.7
9	☐			10602.04	0.0007	P	15.7

$$y = 0.0036 * x + 1.0948E-004$$

$$R = 0.9996$$

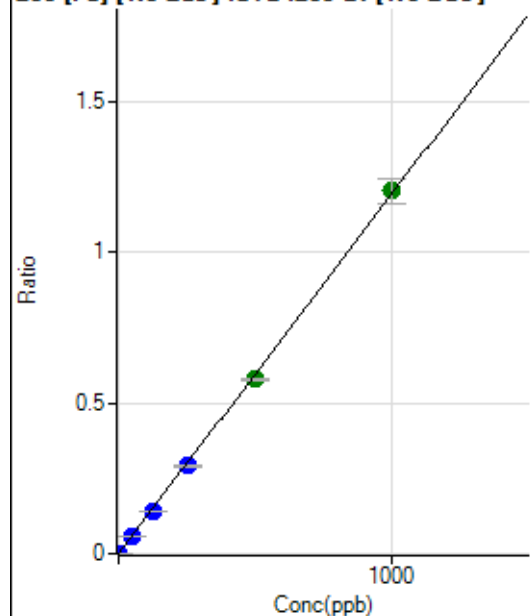
$$DL = 0.008302$$

$$BEC = 0.03048$$

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	1553.85	0.0001	P	3.7
2	☐	0.100					
3	☐	1.000	0.862	24515.82	0.0011	P	3.1
4	☐	50.000	47.961	1275957.48	0.0572	P	1.0
5	☐	125.000	119.737	3090711.53	0.1428	P	0.7
6	☐	250.000	243.747	6164091.98	0.2905	P	1.2
7	☐	500.000	484.961	12032412.42	0.5780	A	0.5
8	☐	1000.000	1009.843	23495557.93	1.2035	A	6.7
9	☐			19260.73	0.0012	P	1.6

$$y = 0.0012 * x + 6.9582E-005$$

$$R = 0.9998$$

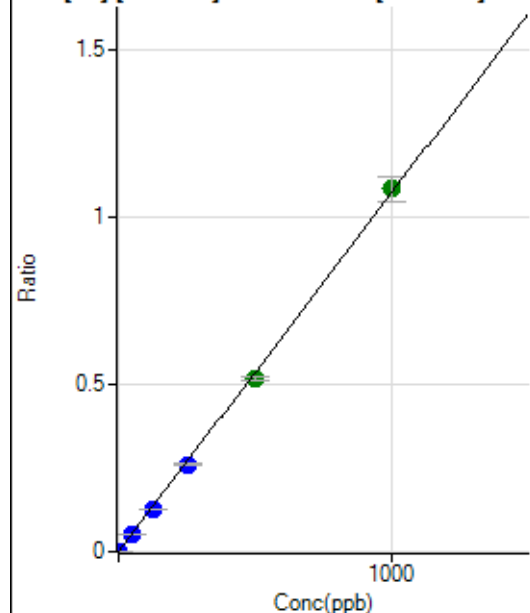
$$DL = 0.006491$$

$$BEC = 0.05839$$

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	1372.34	0.0001	P	8.5
2	☐	0.100					
3	☐	1.000	0.822	21074.62	0.0009	P	1.4
4	☐	50.000	47.733	1142017.66	0.0512	P	0.4
5	☐	125.000	119.299	2769361.78	0.1279	P	1.7
6	☐	250.000	243.431	5536122.52	0.2609	P	1.0
7	☐	500.000	482.251	10759707.99	0.5169	A	1.3
8	☐	1000.000	1011.343	21159047.69	1.0839	A	6.9
9	☐			16297.35	0.0010	P	3.3

$$y = 0.0011 * x + 6.1471E-005$$

$$R = 0.9997$$

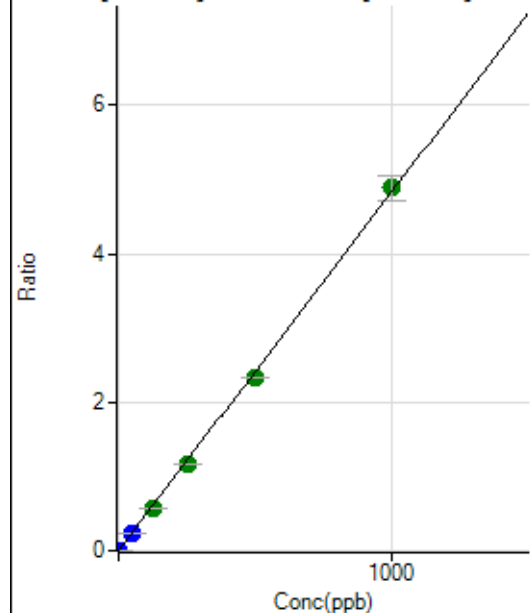
$$DL = 0.01467$$

$$BEC = 0.05736$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6258.19	0.0003	P	3.6
2	☐	0.100					
3	☐	1.000	0.846	97555.82	0.0044	P	1.3
4	☐	50.000	47.637	5132968.86	0.2302	P	0.6
5	☐	125.000	118.884	12428755.69	0.5741	A	0.6
6	☐	250.000	241.108	24695184.81	1.1640	A	1.1
7	☐	500.000	482.214	48455733.49	2.3277	A	0.4
8	☐	1000.000	1011.999	95368833.61	4.8848	A	6.6
9	☐			75268.12	0.0048	P	2.6

$$y = 0.0048 * x + 2.8022E-004$$

$$R = 0.9997$$

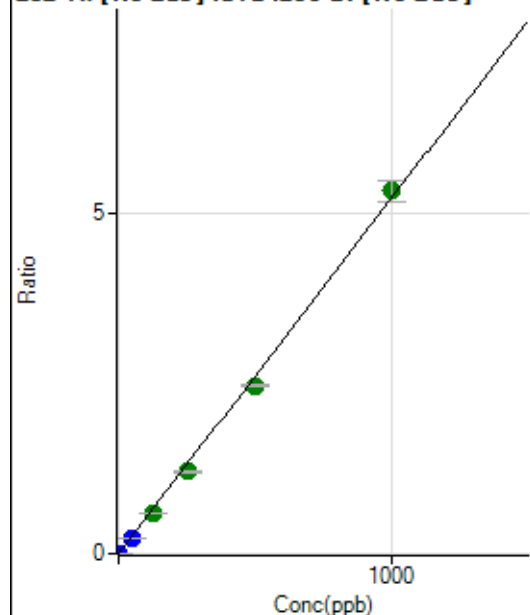
$$DL = 0.006319$$

$$BEC = 0.05806$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1476.06	0.0001	P	4.3
2	☐	0.100					
3	☐	1.000	0.777	92273.73	0.0041	P	1.9
4	☐	50.000	44.748	5217273.67	0.2340	P	0.5
5	☐	125.000	112.938	12782096.93	0.5904	A	1.7
6	☐	250.000	231.346	25657036.69	1.2094	A	2.0
7	☐	500.000	471.657	51325221.98	2.4656	A	0.8
8	☐	1000.000	1020.605	104204896.78	5.3352	A	5.5
9	☐			17002.49	0.0011	P	14.6

$$y = 0.0052 * x + 6.6071E-005$$

$$R = 0.9992$$

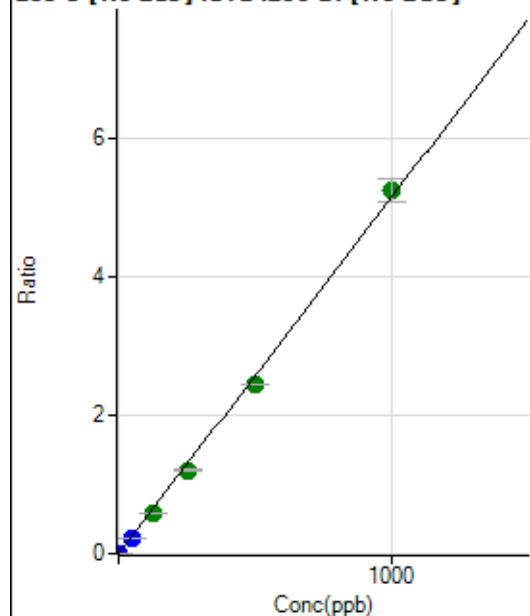
$$DL = 0.001627$$

$$BEC = 0.01264$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	202.79	0.0000	P	3.3
2	☐	0.100					
3	☐	1.000	0.779	89951.63	0.0040	P	2.1
4	☐	50.000	44.748	5139322.21	0.2305	P	0.8
5	☐	125.000	113.641	12671677.63	0.5853	A	1.1
6	☐	250.000	233.863	25551945.71	1.2045	A	2.7
7	☐	500.000	474.868	50913749.05	2.4459	A	0.6
8	☐	1000.000	1018.283	102406906.46	5.2448	A	6.3
9	☐			8408.78	0.0005	P	21.4

$$y = 0.0052 * x + 9.0810E-006$$

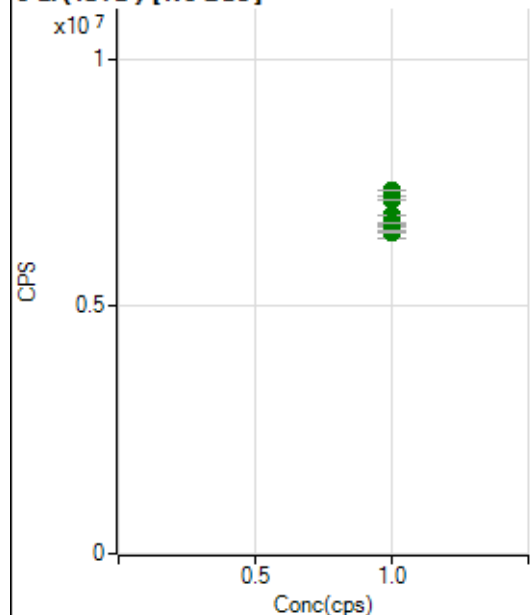
$$R = 0.9994$$

$$DL = 0.0001722$$

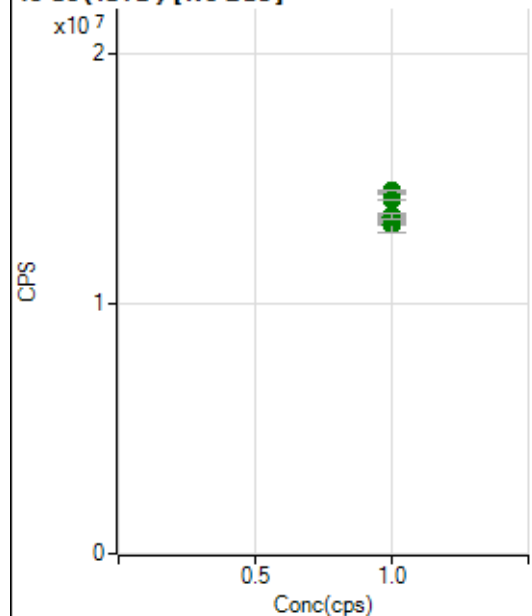
$$BEC = 0.001763$$

Weight: <None>

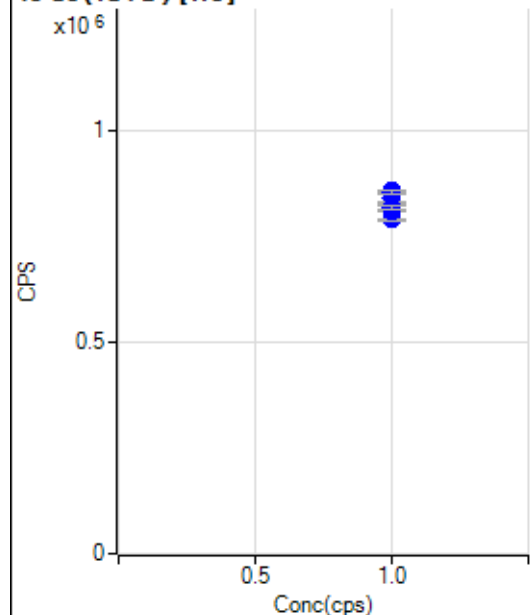
Min Conc: 0

6 Li (ISTD) [No Gas]

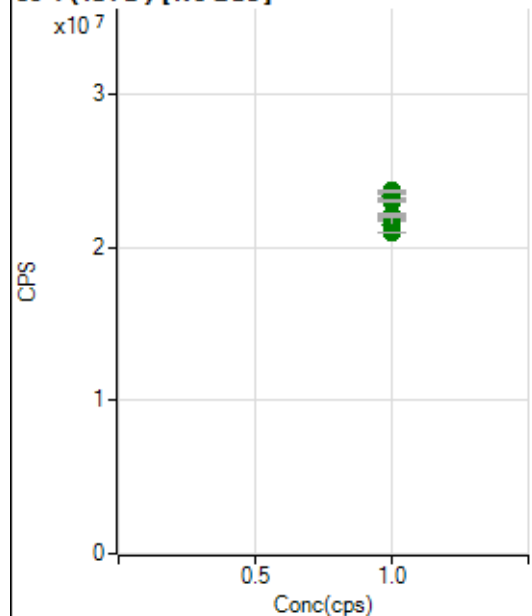
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7219735.00		A	0.1
2	☐	1.000					
3	☐	1.000		7336707.94		A	0.2
4	☐	1.000		7159294.62		A	0.3
5	☐	1.000		6847647.36		A	0.4
6	☐	1.000		6642213.16		A	0.4
7	☐	1.000		6680596.19		A	0.1
8	☐	1.000		6519475.41		A	4.9
9	☐	1.000		6511054.63		A	0.9

45 Sc (ISTD) [No Gas]

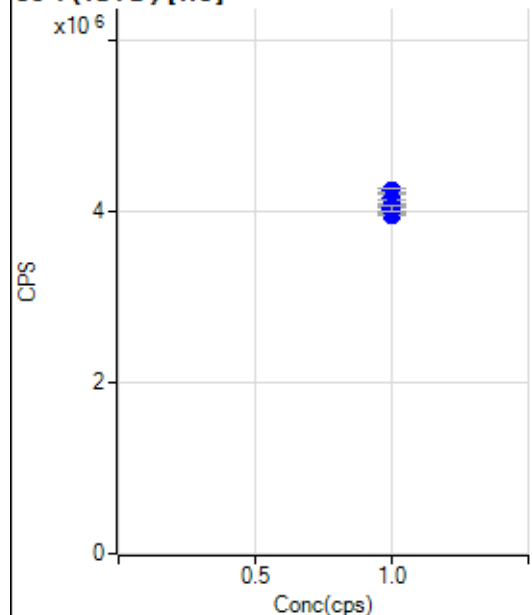
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		14442206.58		A	0.5
2	☐	1.000					
3	☐	1.000		14498930.01		A	0.6
4	☐	1.000		14112467.85		A	0.1
5	☐	1.000		13551519.75		A	0.8
6	☐	1.000		13191960.19		A	0.5
7	☐	1.000		13368790.84		A	0.8
8	☐	1.000		13140207.85		A	4.8
9	☐	1.000		13472508.64		A	1.8

45 Sc (ISTD) [He]

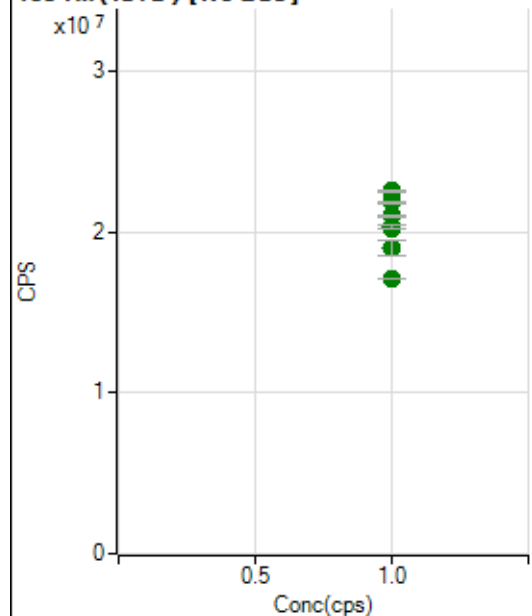
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		857874.04		P	0.7
2	☐	1.000					
3	☐	1.000		839747.41		P	3.0
4	☐	1.000		829643.64		P	0.4
5	☐	1.000		791506.56		P	0.5
6	☐	1.000		790041.25		P	0.8
7	☐	1.000		807777.54		P	0.1
8	☐	1.000		817801.27		P	1.0
9	☐	1.000		854793.72		P	1.5

89 Y (ISTD) [No Gas]

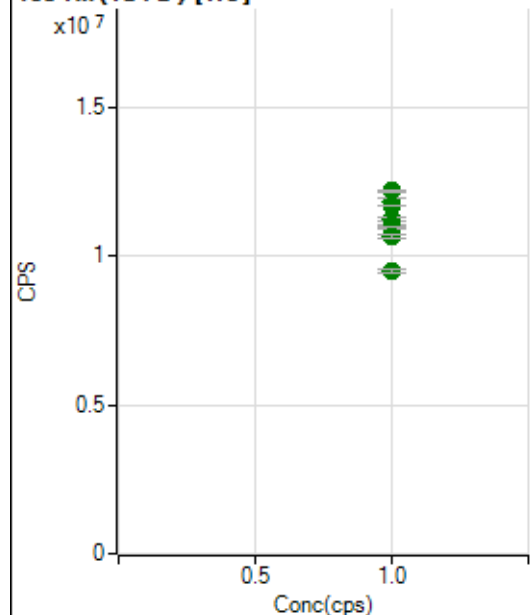
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		23365006.04		A	1.5
2	☐	1.000					
3	☐	1.000		23689061.87		A	0.5
4	☐	1.000		23000499.66		A	0.4
5	☐	1.000		22054526.62		A	0.7
6	☐	1.000		21791300.78		A	0.3
7	☐	1.000		22148487.45		A	0.9
8	☐	1.000		21473401.35		A	5.2
9	☐	1.000		20951378.99		A	0.3

89 Y(ISTD) [He]

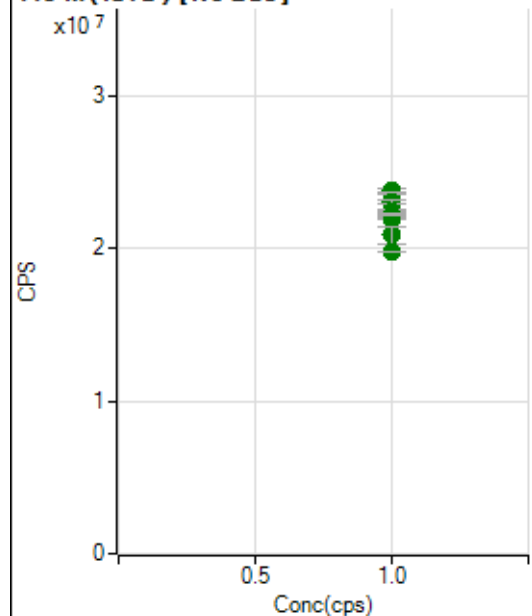
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4234282.12		P	0.9
2	☐	1.000					
3	☐	1.000		4141097.92		P	2.2
4	☐	1.000		4127254.32		P	0.2
5	☐	1.000		3958391.54		P	0.7
6	☐	1.000		3957048.97		P	0.4
7	☐	1.000		4018418.45		P	1.0
8	☐	1.000		4015238.38		P	1.2
9	☐	1.000		4031464.21		P	1.4

103 Rh(ISTD) [No Gas]

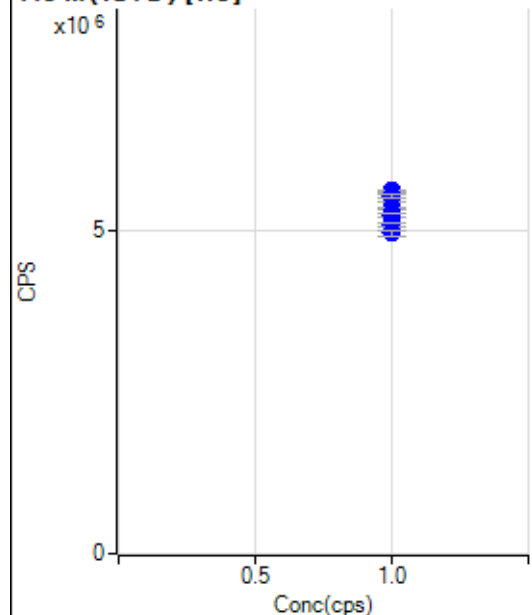
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		22506008.84		A	0.3
2	☐	1.000					
3	☐	1.000		22574303.98		A	0.9
4	☐	1.000		21842491.46		A	0.8
5	☐	1.000		21031866.44		A	0.6
6	☐	1.000		20219789.17		A	0.5
7	☐	1.000		20317283.62		A	0.9
8	☐	1.000		19038792.96		A	5.2
9	☐	1.000		17113770.00		A	0.3

103 Rh (ISTD) [He]

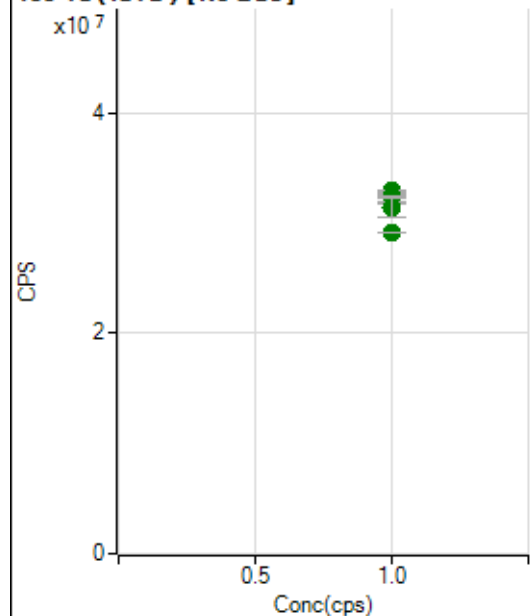
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		12177959.54		A	0.7
2	☐	1.000					
3	☐	1.000		11783498.85		A	2.1
4	☐	1.000		11680314.97		A	0.4
5	☐	1.000		11213819.83		A	1.0
6	☐	1.000		11014164.00		A	0.6
7	☐	1.000		10945960.81		A	0.3
8	☐	1.000		10661217.76		A	0.8
9	☐	1.000		9487488.40		A	1.3

115 In (ISTD) [No Gas]

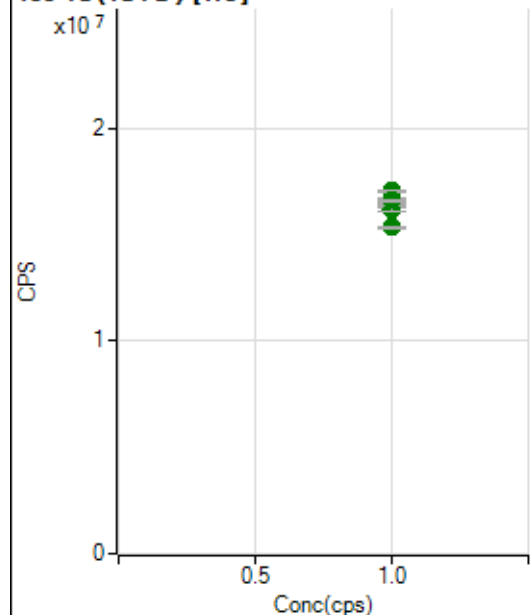
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		23785330.07		A	1.1
2	☐	1.000					
3	☐	1.000		23699409.36		A	0.5
4	☐	1.000		23108745.40		A	0.9
5	☐	1.000		22489167.96		A	0.2
6	☐	1.000		21988738.59		A	0.3
7	☐	1.000		22242534.98		A	0.3
8	☐	1.000		20905339.50		A	5.2
9	☐	1.000		19816455.53		A	0.2

115 In (ISTD) [He]

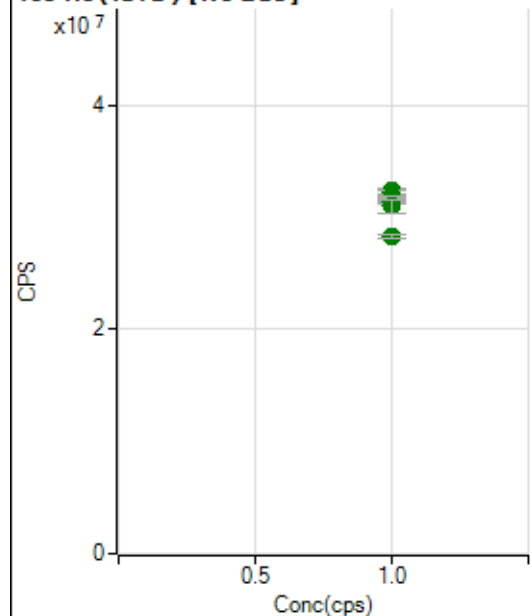
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5609921.96		P	0.6
2	☐	1.000					
3	☐	1.000		5526112.23		P	2.7
4	☐	1.000		5527629.49		P	0.8
5	☐	1.000		5339995.44		P	0.8
6	☐	1.000		5240096.85		P	1.2
7	☐	1.000		5263239.23		P	0.4
8	☐	1.000		5093778.07		P	1.2
9	☐	1.000		4963055.48		P	1.9

159 Tb (ISTD) [No Gas]

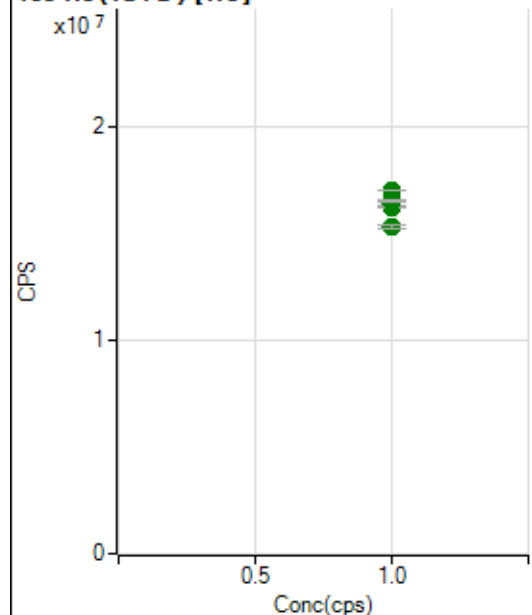
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		32717672.01		A	0.4
2	☐	1.000					
3	☐	1.000		32936698.40		A	0.7
4	☐	1.000		32879340.34		A	0.7
5	☐	1.000		32338243.68		A	0.2
6	☐	1.000		31859462.03		A	0.2
7	☐	1.000		32495503.13		A	0.2
8	☐	1.000		31410766.20		A	5.4
9	☐	1.000		29117102.34		A	0.3

159 Tb (ISTD) [He]

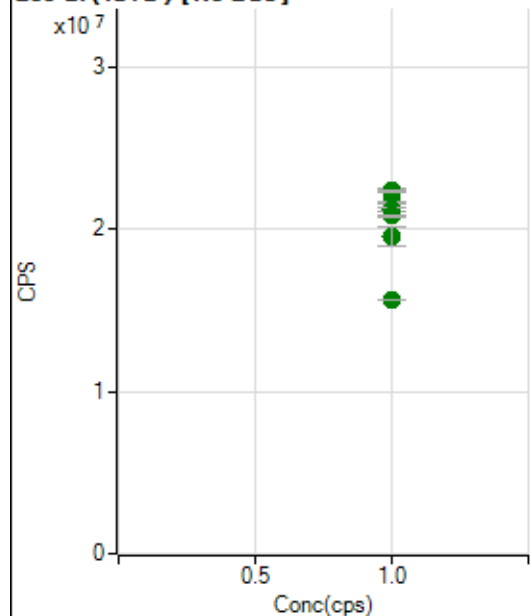
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		17065957.80		A	0.2
2	☐	1.000					
3	☐	1.000		16463085.03		A	2.3
4	☐	1.000		16639111.56		A	0.6
5	☐	1.000		16396269.90		A	0.7
6	☐	1.000		16205558.93		A	1.8
7	☐	1.000		16629789.75		A	0.2
8	☐	1.000		16612063.22		A	0.7
9	☐	1.000		15336934.36		A	0.6

165 Ho (ISTD) [No Gas]

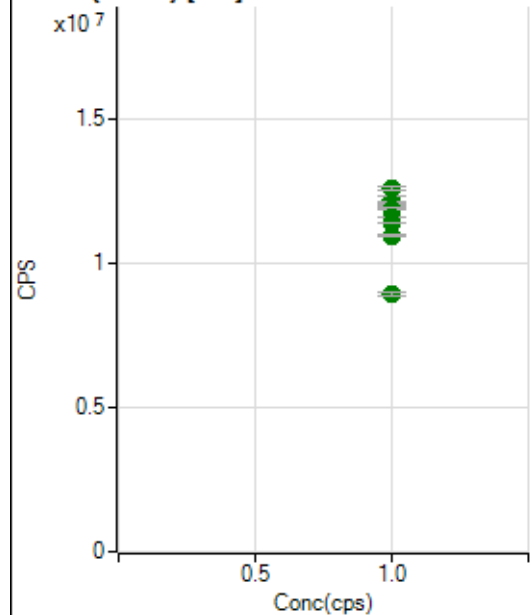
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		31866633.35		A	1.1
2	☐	1.000					
3	☐	1.000		32363998.99		A	1.5
4	☐	1.000		32257107.32		A	0.7
5	☐	1.000		31600469.80		A	0.9
6	☐	1.000		31362317.37		A	1.4
7	☐	1.000		31882815.99		A	0.6
8	☐	1.000		30999496.18		A	3.9
9	☐	1.000		28261814.87		A	1.2

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		17016958.36		A	0.2
2	☐	1.000					
3	☐	1.000		16440823.36		A	2.1
4	☐	1.000		16614374.06		A	0.3
5	☐	1.000		16301540.59		A	0.3
6	☐	1.000		16274101.29		A	0.8
7	☐	1.000		16516901.97		A	0.3
8	☐	1.000		16551589.61		A	1.0
9	☐	1.000		15337937.69		A	0.9

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		22335004.11		A	0.9
2	☐	1.000					
3	☐	1.000		22361768.28		A	1.0
4	☐	1.000		22297748.83		A	0.6
5	☐	1.000		21649306.07		A	0.4
6	☐	1.000		21217277.46		A	1.1
7	☐	1.000		20816674.97		A	0.5
8	☐	1.000		19575830.68		A	6.1
9	☐	1.000		15659778.65		A	0.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12594204.40		A	1.2
2	☐	1.000					
3	☐	1.000		12191306.21		A	2.6
4	☐	1.000		12102503.01		A	0.8
5	☐	1.000		11910099.41		A	0.5
6	☐	1.000		11617539.69		A	0.5
7	☐	1.000		11409553.86		A	0.2
8	☐	1.000		10965043.79		A	0.6
9	☐	1.000		8951344.94		A	1.0

US EPA Tune Check Sample Report

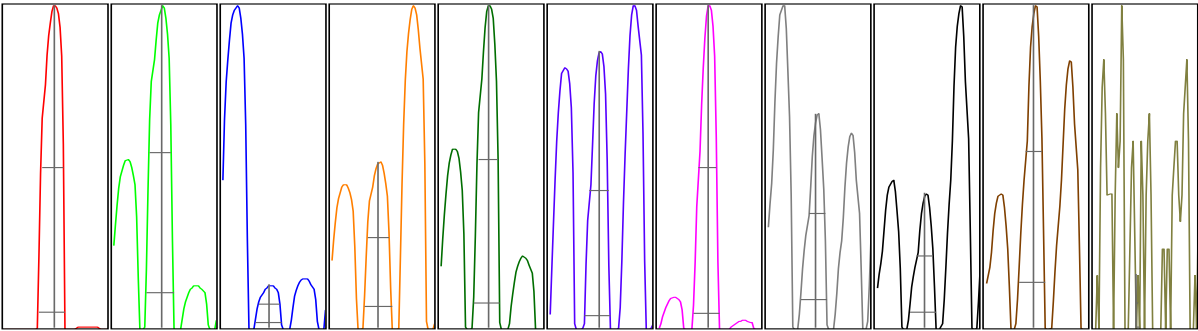
Batch Folder D:\ICP-MS Data\P7030819 MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	29983	0.30	5.00	
24	289707	0.31	5.00	
25	39423	0.33	5.00	
26	46410	0.12	5.00	
59	235391	0.35	5.00	
113	30586	0.42	5.00	
115	358757	0.48	5.00	
206	98111	0.72	5.00	
207	93710	0.51	5.00	
208	215078	0.47	5.00	
220	0	73.02		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	30052	29914	29996	29872	30080
24	290788	289934	289062	288543	290207
25	39465	39624	39359	39285	39382
26	46500	46351	46423	46375	46401
59	235829	234385	236504	235276	234962
113	30671	30621	30553	30381	30703
115	359276	357980	360754	356265	359510
206	97663	98692	98389	97100	98711
207	94138	94193	93029	93701	93491
208	215146	215023	215309	213543	216371
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	48620	9.00	8.9 - 9.1		0.785	0.900	
24	472658	23.95	23.9 - 24.1		0.800	0.900	
25	64477	24.90	24.9 - 25.1		0.760	0.900	
26	74350	25.90	25.9 - 26.1		0.789	0.900	
59	413248	58.95	58.9 - 59.1		0.754	0.900	
113	59796	113.00	112.9 - 113.1		0.732	0.900	
115	704613	115.00	114.9 - 115.1		0.755	0.900	
206	193870	205.95	205.9 - 206.1		0.753	0.900	
207	177036	206.95	206.9 - 207.1		0.753	0.900	
208	423041	207.95	207.9 - 208.1		0.750	0.900	
220	0	219.75	-		0.095		

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.9	V	Deflect	13.6	V
Extract 2	-165.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-75	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination		5.0 V
He Flow	0.0	mL/min	OctP RF	190	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	70514	0.78	
89	62394	1.03	
205	80546	1.33	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	71073	70746	70773	69659	70317
89	62857	62972	62690	61462	61992
205	81337	81399	81137	78981	79878

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	8.8	V	Deflect	1.6	V
Extract 2	-150.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-70	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number : LB101274 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-08 14:35:26 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.03	0.01	-0.04	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-1	-0.05	-0.01	0.06	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.00	-0.02	0.01	0.00	N/A	ppb
Boron	11-1	0.03	-0.04	0.01	0.00	N/A	ppb
Cadmium	111-1	0.01	0.02	-0.03	0.00	N/A	ppb
Cadmium	106-1	0.17	0.23	-0.40	0.00	N/A	ppb
Cadmium	108-1	0.01	-0.02	0.01	0.00	N/A	ppb
Calcium	43-1	-0.63	0.19	0.44	0.00	N/A	ppb
Calcium	44-1	0.58	-0.32	-0.26	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	0.01	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.00	0.03	-0.04	0.00	N/A	ppb
Iron	57-2	0.12	-0.29	0.18	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	0.00	0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.06	-0.02	0.08	0.00	N/A	ppb

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 14:35:26	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.01	-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	0.00	-0.01	0.00	N/A	ppb
Phosphorus	31-2	-24.73	-27.21	-23.82	-25.25		ppb
Potassium	39-2	0.00	0.54	-0.55	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.07	-0.03	-0.03	0.00	N/A	ppb
Selenium	78-2	0.26	-0.03	-0.24	0.00	N/A	ppb
Selenium	82-1	0.26	-0.14	-0.12	0.00	N/A	ppb
Silicon	28-1	-0.10	0.21	-0.10	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.04	-0.05	0.09	0.00	N/A	ppb
Strontium	86-1	0.00	0.01	-0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	12.67	47.46	-44.20	5.31	870.65	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	0.02	-0.01	0.00	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 14:35:26	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.04	0.02	0.02	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 14:43:54	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.93	17.67	17.62	17.74	0.92	ppb
Antimony	121-1	1.84	1.85	1.84	1.85	0.35	ppb
Arsenic	75-1	0.84	0.78	0.89	0.84	6.71	ppb
Barium	135-1	9.63	9.35	9.43	9.47	1.49	ppb
Barium	137-1	9.50	9.26	9.66	9.47	2.08	ppb
Beryllium	9-1	0.99	0.96	0.93	0.96	2.83	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	10-1	21.52	21.89	23.26	22.23	4.12	ppb
Boron	11-1	21.19	21.95	22.91	22.01	3.93	ppb
Cadmium	111-1	1.01	0.94	1.01	0.99	3.81	ppb
Cadmium	106-1	0.71	0.39	1.30	0.80	57.95	ppb
Cadmium	108-1	1.09	0.85	1.00	0.98	12.30	ppb
Calcium	43-1	447.15	450.61	444.31	447.36	0.71	ppb
Calcium	44-1	449.73	449.79	450.34	449.95	0.08	ppb
Chromium	52-2	1.93	1.99	1.93	1.95	1.70	ppb
Cobalt	59-2	0.97	0.99	0.94	0.96	2.75	ppb
Copper	63-2	2.04	2.04	2.02	2.03	0.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	52.16	52.58	52.26	52.33	0.42	ppb
Iron	57-2	53.65	53.60	56.56	54.60	3.11	ppb
Krypton	83-1						cps
Lead	206-1	0.88	0.83	0.88	0.86	3.29	ppb
Lead	207-1	0.83	0.81	0.82	0.82	1.45	ppb
Lead	208-1	0.86	0.83	0.85	0.85	1.39	ppb
Lithium	6-1				102		%
Magnesium	24-2	481.86	487.42	493.10	487.46	1.15	ppb

LB Number : LB101274 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-08 14:43:54 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.97	1.02	1.00	1.00	2.53	ppb
Molybdenum	94-1	4.42	4.43	4.36	4.41	0.82	ppb
Molybdenum	95-1	4.44	4.41	4.32	4.39	1.47	ppb
Molybdenum	96-1	4.50	4.37	4.38	4.42	1.68	ppb
Molybdenum	97-1	4.37	4.38	4.38	4.38	0.11	ppb
Molybdenum	98-1	4.39	4.37	4.45	4.40	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	1.08	1.04	1.04	4.00	ppb
Phosphorus	31-2	26.24	18.64	30.88	25.25	24.48	ppb
Potassium	39-2	442.21	436.43	437.32	438.65	0.71	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	5.50	5.86	4.96	5.44	8.40	ppb
Selenium	78-2	5.24	6.25	5.87	5.79	8.81	ppb
Selenium	82-1	5.47	5.43	5.27	5.39	1.94	ppb
Silicon	28-1	10.48	10.91	10.31	10.57	2.95	ppb
Silver	109-1	1.05	0.99	1.00	1.01	2.96	ppb
Silver	107-1	1.01	1.01	1.02	1.02	0.68	ppb
Sodium	23-2	459.99	466.65	463.43	463.36	0.72	ppb
Strontium	86-1	0.78	0.74	0.77	0.76	2.82	ppb
Strontium	88-1	0.79	0.78	0.78	0.78	1.06	ppb
Sulfur	34-1	17.44	-9.69	-23.70	-5.31		ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	0.85	0.85	0.82	0.84	2.26	ppb
Thallium	205-1	0.86	0.82	0.84	0.84	2.02	ppb
Thorium	232-1	0.79	0.78	0.76	0.78	1.91	ppb
Tin	118-1	4.84	4.99	4.88	4.90	1.58	ppb
Titanium	47-1	4.65	4.89	4.61	4.72	3.20	ppb
Uranium	238-1	0.78	0.80	0.76	0.78	2.14	ppb
Vanadium	51-2	4.82	4.95	4.89	4.88	1.41	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 14:43:54	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.23	2.27	2.27	2.26	0.96	ppb
Zirconium	90-1	0.89	0.87	0.85	0.87	2.26	ppb
Zirconium	91-1	0.87	0.87	0.82	0.85	3.41	ppb

LB Number : LB101274 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-08 14:47:50 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	985.41	963.64	972.90	973.98	1.12	ppb
Antimony	121-1	51.43	51.25	50.14	50.94	1.37	ppb
Arsenic	75-1	50.97	51.62	51.06	51.21	0.69	ppb
Barium	135-1	250.70	256.54	250.29	252.51	1.38	ppb
Barium	137-1	249.72	252.64	246.42	249.59	1.25	ppb
Beryllium	9-1	53.34	52.43	52.99	52.92	0.87	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	49.09	48.34	50.81	49.41	2.57	ppb
Boron	11-1	48.04	48.31	49.16	48.50	1.21	ppb
Cadmium	111-1	54.02	54.03	53.66	53.90	0.39	ppb
Cadmium	106-1	54.96	55.46	54.70	55.04	0.70	ppb
Cadmium	108-1	54.40	55.73	53.47	54.53	2.09	ppb
Calcium	43-1	4939.62	4960.57	4926.25	4942.15	0.35	ppb
Calcium	44-1	4879.15	4855.28	4855.03	4863.15	0.28	ppb
Chromium	52-2	51.17	51.93	51.33	51.48	0.79	ppb
Cobalt	59-2	53.08	52.97	52.29	52.78	0.81	ppb
Copper	63-2	110.26	108.70	108.77	109.25	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				99		%
Iron	56-2	2761.15	2714.65	2687.16	2720.99	1.37	ppb
Iron	57-2	2694.46	2695.66	2688.68	2692.93	0.14	ppb
Krypton	83-1						cps
Lead	206-1	48.40	48.01	47.47	47.96	0.97	ppb
Lead	207-1	47.60	47.92	47.68	47.73	0.35	ppb
Lead	208-1	47.95	47.51	47.45	47.64	0.57	ppb
Lithium	6-1				99		%
Magnesium	24-2	5235.31	5107.69	5237.16	5193.39	1.43	ppb

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 14:47:50	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	103.42	103.18	102.56	103.05	0.43	ppb
Molybdenum	94-1	245.14	245.41	245.77	245.44	0.13	ppb
Molybdenum	95-1	249.61	244.61	246.49	246.90	1.02	ppb
Molybdenum	96-1	248.72	248.13	244.98	247.28	0.81	ppb
Molybdenum	97-1	246.88	246.76	245.60	246.41	0.29	ppb
Molybdenum	98-1	245.98	244.24	245.61	245.28	0.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	55.06	54.50	54.89	54.82	0.52	ppb
Phosphorus	31-2	1041.06	1050.35	1037.00	1042.80	0.66	ppb
Potassium	39-2	2364.04	2346.63	2360.34	2357.00	0.39	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	77-2	56.67	56.63	61.17	58.16	4.48	ppb
Selenium	78-2	55.89	54.84	52.86	54.53	2.82	ppb
Selenium	82-1	54.52	54.17	53.80	54.16	0.66	ppb
Silicon	28-1	68.77	69.30	70.47	69.52	1.25	ppb
Silver	109-1	53.83	53.88	53.32	53.68	0.58	ppb
Silver	107-1	54.31	54.41	53.83	54.18	0.58	ppb
Sodium	23-2	5032.30	5003.86	5009.33	5015.16	0.30	ppb
Strontium	86-1	48.74	48.48	48.90	48.71	0.43	ppb
Strontium	88-1	49.12	48.88	49.45	49.15	0.59	ppb
Sulfur	34-1	1005.01	981.69	978.46	988.39	1.47	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	47.63	47.46	46.93	47.34	0.77	ppb
Thallium	205-1	47.68	47.53	47.30	47.50	0.40	ppb
Thorium	232-1	44.99	44.58	44.67	44.75	0.48	ppb
Tin	118-1	51.59	50.79	49.92	50.77	1.65	ppb
Titanium	47-1	246.50	245.57	244.85	245.64	0.34	ppb
Uranium	238-1	44.96	44.95	44.33	44.75	0.81	ppb
Vanadium	51-2	50.69	51.42	50.31	50.80	1.11	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 14:47:50	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	116.16	116.22	115.25	115.88	0.47	ppb
Zirconium	90-1	48.60	48.35	48.73	48.56	0.40	ppb
Zirconium	91-1	48.42	48.02	47.88	48.11	0.58	ppb

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 14:52:00	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2390.43	2426.26	2399.75	2405.48	0.77	ppb
Antimony	121-1	125.08	126.54	126.42	126.02	0.64	ppb
Arsenic	75-1	127.24	127.64	128.49	127.79	0.50	ppb
Barium	135-1	614.57	618.62	626.63	619.94	0.99	ppb
Barium	137-1	617.66	607.03	608.57	611.09	0.94	ppb
Beryllium	9-1	129.85	128.72	129.23	129.26	0.44	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	119.33	122.29	122.97	121.53	1.59	ppb
Boron	11-1	118.01	120.80	122.20	120.34	1.77	ppb
Cadmium	111-1	131.08	131.97	131.85	131.63	0.37	ppb
Cadmium	106-1	132.14	133.30	134.10	133.18	0.74	ppb
Cadmium	108-1	133.00	132.50	135.00	133.50	0.99	ppb
Calcium	43-1	12118.37	12129.66	12146.63	12131.55	0.12	ppb
Calcium	44-1	12011.67	12039.99	12160.44	12070.70	0.65	ppb
Chromium	52-2	128.42	129.37	128.00	128.59	0.54	ppb
Cobalt	59-2	131.00	132.97	129.86	131.28	1.20	ppb
Copper	63-2	270.59	274.16	268.70	271.15	1.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				96		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	56-2	6781.57	6829.09	6669.68	6760.11	1.21	ppb
Iron	57-2	6774.34	6774.51	6667.38	6738.74	0.92	ppb
Krypton	83-1						cps
Lead	206-1	119.90	118.77	120.54	119.74	0.75	ppb
Lead	207-1	116.98	120.28	120.63	119.30	1.69	ppb
Lead	208-1	118.27	118.78	119.60	118.88	0.56	ppb
Lithium	6-1				95		%
Magnesium	24-2	13018.65	12975.86	12762.75	12919.09	1.06	ppb

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 14:52:00	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	259.31	260.38	257.22	258.97	0.62	ppb
Molybdenum	94-1	610.98	603.17	604.33	606.16	0.69	ppb
Molybdenum	95-1	611.17	598.86	603.76	604.60	1.03	ppb
Molybdenum	96-1	619.45	604.02	612.20	611.89	1.26	ppb
Molybdenum	97-1	615.89	611.58	613.81	613.76	0.35	ppb
Molybdenum	98-1	620.68	606.11	612.43	613.07	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	136.43	136.09	135.17	135.90	0.48	ppb
Phosphorus	31-2	2598.05	2570.79	2474.97	2547.94	2.54	ppb
Potassium	39-2	5806.08	5856.74	5767.50	5810.11	0.77	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				94		%
Scandium	45-2				92		%
Selenium	77-2	130.03	131.86	134.84	132.24	1.84	ppb
Selenium	78-2	132.34	136.65	134.74	134.58	1.61	ppb
Selenium	82-1	135.97	134.38	133.33	134.56	0.99	ppb
Silicon	28-1	175.35	177.67	183.63	178.88	2.39	ppb
Silver	109-1	129.74	129.50	130.83	130.02	0.54	ppb
Silver	107-1	132.29	130.90	130.03	131.07	0.87	ppb
Sodium	23-2	12657.02	12479.53	12384.99	12507.18	1.10	ppb
Strontium	86-1	120.90	121.68	120.85	121.14	0.39	ppb
Strontium	88-1	123.61	122.20	121.97	122.59	0.72	ppb
Sulfur	34-1	2393.86	2333.87	2367.60	2365.11	1.27	ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	117.38	119.16	119.81	118.78	1.06	ppb
Thallium	205-1	117.40	118.19	114.69	116.76	1.57	ppb
Thorium	232-1	115.09	112.10	111.62	112.94	1.67	ppb
Tin	118-1	122.18	124.35	126.72	124.42	1.82	ppb
Titanium	47-1	604.77	604.57	607.43	605.59	0.26	ppb
Uranium	238-1	114.84	112.31	113.77	113.64	1.12	ppb
Vanadium	51-2	127.22	127.57	124.67	126.49	1.25	ppb
Yttrium	89-1				94		%
Yttrium	89-2				93		%

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 14:52:00	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	282.04	286.77	281.49	283.44	1.02	ppb
Zirconium	90-1	122.73	123.43	122.15	122.77	0.52	ppb
Zirconium	91-1	119.70	121.58	119.98	120.42	0.84	ppb

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 14:55:48	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4852.25	4860.50	4804.60	4839.12	0.62	ppb
Antimony	121-1	254.17	250.61	256.99	253.92	1.26	ppb
Arsenic	75-1	257.92	256.06	256.42	256.80	0.38	ppb
Barium	135-1	1261.27	1219.61	1233.75	1238.21	1.71	ppb
Barium	137-1	1243.69	1257.07	1234.28	1245.01	0.92	ppb
Beryllium	9-1	259.93	256.59	259.11	258.55	0.67	ppb
Bismuth	209-1				95		%
Bismuth	209-2				92		%
Boron	10-1	242.23	243.89	254.70	246.94	2.74	ppb
Boron	11-1	239.61	239.31	248.83	242.58	2.23	ppb
Cadmium	111-1	258.26	258.50	262.26	259.67	0.86	ppb
Cadmium	106-1	255.73	256.84	265.13	259.23	1.98	ppb
Cadmium	108-1	260.73	260.62	264.21	261.85	0.78	ppb
Calcium	43-1	24470.52	24279.65	24744.39	24498.19	0.95	ppb
Calcium	44-1	24407.07	23912.28	24299.94	24206.43	1.08	ppb
Chromium	52-2	260.71	258.12	253.98	257.60	1.32	ppb
Cobalt	59-2	265.72	262.57	260.39	262.89	1.02	ppb
Copper	63-2	542.10	541.31	533.62	539.01	0.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				96		%
Indium	115-1				92		%
Indium	115-2				93		%
Iron	56-2	13602.97	13482.59	13228.65	13438.07	1.42	ppb
Iron	57-2	13560.36	13389.30	13459.81	13469.82	0.64	ppb
Krypton	83-1						cps
Lead	206-1	245.16	240.31	245.77	243.75	1.23	ppb
Lead	207-1	244.85	240.50	244.95	243.43	1.04	ppb
Lead	208-1	242.20	238.16	242.96	241.11	1.07	ppb
Lithium	6-1				92		%
Magnesium	24-2	25720.82	25890.82	25696.72	25769.45	0.41	ppb

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 14:55:48	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	520.61	518.57	512.13	517.11	0.86	ppb
Molybdenum	94-1	1213.04	1207.00	1219.01	1213.02	0.49	ppb
Molybdenum	95-1	1227.72	1206.05	1229.40	1221.06	1.07	ppb
Molybdenum	96-1	1214.62	1208.18	1225.47	1216.09	0.72	ppb
Molybdenum	97-1	1209.68	1207.04	1229.61	1215.44	1.02	ppb
Molybdenum	98-1	1207.63	1227.70	1229.41	1221.58	0.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	272.83	270.04	271.76	271.54	0.52	ppb
Phosphorus	31-2	5312.55	5301.32	5198.24	5270.70	1.20	ppb
Potassium	39-2	11626.20	11691.91	11569.77	11629.29	0.53	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				91		%
Scandium	45-2				92		%
Selenium	77-2	268.18	272.89	274.12	271.73	1.15	ppb
Selenium	78-2	266.05	273.77	271.74	270.52	1.48	ppb
Selenium	82-1	261.85	262.48	264.82	263.05	0.60	ppb
Silicon	28-1	288.71	291.50	294.20	291.47	0.94	ppb
Silver	109-1	254.69	252.13	256.06	254.29	0.78	ppb
Silver	107-1	256.79	253.59	256.90	255.76	0.74	ppb
Sodium	23-2	25207.96	25150.84	25108.34	25155.71	0.20	ppb
Strontium	86-1	240.54	237.90	247.84	242.09	2.13	ppb
Strontium	88-1	244.97	243.40	248.42	245.60	1.04	ppb
Sulfur	34-1	4845.42	4788.82	4866.49	4833.57	0.83	ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	240.46	236.41	237.76	238.21	0.87	ppb
Thallium	205-1	238.62	235.55	238.77	237.65	0.76	ppb
Thorium	232-1	234.52	226.02	233.49	231.35	2.01	ppb
Tin	118-1	247.85	252.53	253.54	251.31	1.21	ppb
Titanium	47-1	1239.19	1219.70	1231.10	1230.00	0.80	ppb
Uranium	238-1	235.44	226.97	239.18	233.86	2.68	ppb
Vanadium	51-2	257.47	257.72	252.64	255.94	1.12	ppb
Yttrium	89-1				93		%
Yttrium	89-2				93		%

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 14:55:48	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	564.50	564.14	555.71	561.45	0.89	ppb
Zirconium	90-1	242.39	239.51	242.92	241.60	0.76	ppb
Zirconium	91-1	238.91	238.31	240.59	239.27	0.50	ppb

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:03:20	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9584.53	9468.42	9520.31	9524.42	0.61	ppb
Antimony	121-1	491.98	500.22	493.05	495.08	0.91	ppb
Arsenic	75-1	495.72	506.77	491.21	497.90	1.61	ppb
Barium	135-1	2440.92	2447.26	2433.25	2440.47	0.29	ppb
Barium	137-1	2434.68	2431.65	2428.23	2431.52	0.13	ppb
Beryllium	9-1	500.53	503.29	500.92	501.58	0.30	ppb
Bismuth	209-1				93		%
Bismuth	209-2				91		%
Boron	10-1	490.97	497.76	503.52	497.42	1.26	ppb
Boron	11-1	484.96	497.47	501.06	494.50	1.71	ppb
Cadmium	111-1	492.62	498.12	500.15	496.96	0.78	ppb
Cadmium	106-1	496.62	500.01	510.24	502.29	1.41	ppb
Cadmium	108-1	492.23	504.28	502.60	499.70	1.31	ppb
Calcium	43-1	48239.12	49324.15	48656.30	48739.86	1.12	ppb
Calcium	44-1	48442.22	49003.85	47894.99	48447.02	1.14	ppb
Chromium	52-2	499.49	501.10	500.74	500.44	0.17	ppb
Cobalt	59-2	509.76	505.35	503.91	506.34	0.60	ppb
Copper	63-2	1029.26	1026.27	1032.06	1029.20	0.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	56-2	26504.96	25979.89	26121.35	26202.07	1.04	ppb
Iron	57-2	26187.58	26183.64	26355.76	26242.33	0.37	ppb
Krypton	83-1						cps
Lead	206-1	482.63	484.41	487.84	484.96	0.55	ppb
Lead	207-1	484.62	475.27	486.87	482.25	1.28	ppb
Lead	208-1	482.29	480.30	484.05	482.21	0.39	ppb
Lithium	6-1				93		%
Magnesium	24-2	51036.81	50612.38	50006.42	50551.87	1.02	ppb

LB Number : LB101274 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-08 15:03:20 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1003.63	1003.64	1008.64	1005.30	0.29	ppb
Molybdenum	94-1	2429.81	2431.56	2424.13	2428.50	0.16	ppb
Molybdenum	95-1	2439.73	2445.20	2447.48	2444.14	0.16	ppb
Molybdenum	96-1	2437.54	2427.52	2423.44	2429.50	0.30	ppb
Molybdenum	97-1	2451.94	2429.12	2421.79	2434.28	0.65	ppb
Molybdenum	98-1	2438.63	2450.93	2425.62	2438.39	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	511.93	511.99	515.89	513.27	0.44	ppb
Phosphorus	31-2	10284.75	10013.87	10071.40	10123.34	1.41	ppb
Potassium	39-2	23474.78	23033.93	22931.99	23146.90	1.25	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				93		%
Scandium	45-2				94		%
Selenium	77-2	516.28	513.05	513.01	514.11	0.37	ppb
Selenium	78-2	521.69	522.19	512.86	518.91	1.01	ppb
Selenium	82-1	504.95	506.59	503.80	505.11	0.28	ppb
Silicon	28-1	561.70	564.46	564.34	563.50	0.28	ppb
Silver	109-1	488.05	488.50	480.09	485.54	0.97	ppb
Silver	107-1	487.32	488.72	487.97	488.00	0.14	ppb
Sodium	23-2	49993.03	49770.88	49746.38	49836.76	0.27	ppb
Strontium	86-1	479.88	471.70	482.23	477.94	1.16	ppb
Strontium	88-1	482.36	486.97	485.72	485.02	0.49	ppb
Sulfur	34-1	9768.26	9768.40	9666.09	9734.25	0.61	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	486.61	479.48	478.92	481.67	0.89	ppb
Thallium	205-1	482.31	477.41	483.73	481.15	0.69	ppb
Thorium	232-1	474.58	472.72	467.67	471.66	0.76	ppb
Tin	118-1	490.31	492.42	487.11	489.95	0.55	ppb
Titanium	47-1	2424.08	2450.76	2414.24	2429.69	0.78	ppb
Uranium	238-1	478.01	474.72	471.87	474.87	0.65	ppb
Vanadium	51-2	502.12	501.45	504.63	502.73	0.33	ppb
Yttrium	89-1				95		%
Yttrium	89-2				95		%

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:03:20	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1052.92	1055.99	1062.86	1057.26	0.48	ppb
Zirconium	90-1	484.75	483.17	485.29	484.40	0.23	ppb
Zirconium	91-1	479.40	473.33	480.95	477.89	0.84	ppb

LB Number : LB101274 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-08 15:07:06 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19120.00	19060.39	19142.96	19107.78	0.22	ppb
Antimony	121-1	1057.68	975.15	971.09	1001.30	4.88	ppb
Arsenic	75-1	1056.47	974.89	965.46	998.94	5.01	ppb
Barium	135-1	5368.31	4868.53	4862.82	5033.22	5.77	ppb
Barium	137-1	5341.70	4918.69	4851.35	5037.25	5.28	ppb
Beryllium	9-1	1051.08	976.32	961.78	996.39	4.81	ppb
Bismuth	209-1				88		%
Bismuth	209-2				87		%
Boron	10-1	1041.71	977.62	988.44	1002.59	3.42	ppb
Boron	11-1	1048.61	986.13	981.28	1005.34	3.74	ppb
Cadmium	111-1	1059.94	963.54	970.75	998.08	5.38	ppb
Cadmium	106-1	1058.75	954.63	972.44	995.27	5.60	ppb
Cadmium	108-1	1055.67	966.49	965.53	995.90	5.20	ppb
Calcium	43-1	105915.32	96949.52	96960.29	99941.71	5.18	ppb
Calcium	44-1	106347.89	98136.07	95895.81	100126.59	5.50	ppb
Chromium	52-2	1003.66	991.48	996.91	997.35	0.61	ppb
Cobalt	59-2	998.22	986.96	992.86	992.68	0.57	ppb
Copper	63-2	1987.77	1964.93	1964.92	1972.54	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				97		%
Indium	115-1				88		%
Indium	115-2				91		%
Iron	56-2	52394.89	52024.12	52195.43	52204.81	0.36	ppb
Iron	57-2	52028.61	51210.02	51851.50	51696.71	0.83	ppb
Krypton	83-1						cps
Lead	206-1	1087.94	967.99	973.60	1009.84	6.70	ppb
Lead	207-1	1091.43	968.31	974.29	1011.34	6.86	ppb
Lead	208-1	1088.41	969.69	977.89	1012.00	6.55	ppb
Lithium	6-1				90		%
Magnesium	24-2	101368.86	100845.12	101338.31	101184.10	0.29	ppb

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:07:06	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2004.92	1983.95	1986.53	1991.80	0.57	ppb
Molybdenum	94-1	5320.16	4946.65	4875.92	5047.58	4.73	ppb
Molybdenum	95-1	5385.06	4860.26	4868.30	5037.87	5.97	ppb
Molybdenum	96-1	5304.79	4916.61	4915.11	5045.50	4.45	ppb
Molybdenum	97-1	5374.53	4883.94	4870.77	5043.08	5.69	ppb
Molybdenum	98-1	5327.48	4944.56	4846.87	5039.64	5.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	995.09	979.49	984.54	986.38	0.81	ppb
Phosphorus	31-2	20149.70	19650.99	19786.87	19862.52	1.30	ppb
Potassium	39-2	46027.69	46559.43	45880.60	46155.90	0.77	ppb
Rhodium	103-1				85		%
Rhodium	103-2				88		%
Scandium	45-1				91		%
Scandium	45-2				95		%
Selenium	77-2	993.01	986.83	978.75	986.20	0.73	ppb
Selenium	78-2	984.45	991.52	976.00	983.99	0.79	ppb
Selenium	82-1	1049.17	967.14	962.01	992.77	4.93	ppb
Silicon	28-1	996.27	933.76	920.46	950.16	4.26	ppb
Silver	109-1	1063.21	968.12	984.70	1005.34	5.05	ppb
Silver	107-1	1071.54	958.91	980.33	1003.59	5.96	ppb
Sodium	23-2	100072.42	98818.17	99211.54	99367.37	0.65	ppb
Strontium	86-1	1079.40	977.18	984.08	1013.55	5.64	ppb
Strontium	88-1	1066.52	982.73	977.56	1008.94	4.95	ppb
Sulfur	34-1	21702.17	19515.70	19357.90	20191.93	6.49	ppb
Terbium	159-1				96		%
Terbium	159-2				97		%
Thallium	203-1	1095.77	974.84	968.46	1013.02	7.08	ppb
Thallium	205-1	1091.68	969.46	979.87	1013.67	6.68	ppb
Thorium	232-1	1085.70	993.45	982.67	1020.61	5.55	ppb
Tin	118-1	1066.41	975.99	971.81	1004.73	5.32	ppb
Titanium	47-1	5317.42	4940.70	4870.28	5042.80	4.77	ppb
Uranium	238-1	1092.34	978.64	983.87	1018.28	6.30	ppb
Vanadium	51-2	1008.62	988.50	993.64	996.92	1.05	ppb
Yttrium	89-1				92		%
Yttrium	89-2				95		%

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:07:06	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1948.12	1955.11	1949.88	1951.04	0.19	ppb
Zirconium	90-1	1075.72	982.79	972.24	1010.25	5.64	ppb
Zirconium	91-1	1079.19	982.57	981.46	1014.40	5.53	ppb

LB Number : LB101274 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-08 15:10:57 DataFile Name : 012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100694.90	98907.04	101108.06	100236.67	1.17	ppb
Antimony	121-1	1.11	1.14	1.11	1.12	1.73	ppb
Arsenic	75-1	1.27	1.28	1.23	1.26	2.05	ppb
Barium	135-1	1.02	0.84	0.76	0.87	14.93	ppb
Barium	137-1	0.98	0.88	0.83	0.90	8.56	ppb
Beryllium	9-1	0.15	0.12	0.12	0.13	15.11	ppb
Bismuth	209-1				70		%
Bismuth	209-2				71		%
Boron	10-1	52.50	48.22	43.21	47.98	9.69	ppb
Boron	11-1	51.06	47.84	43.82	47.57	7.63	ppb
Cadmium	111-1	0.22	0.25	0.21	0.23	8.37	ppb
Cadmium	106-1	1.13	1.82	1.15	1.37	28.76	ppb
Cadmium	108-1	0.16	0.16	0.14	0.15	9.22	ppb
Calcium	43-1	504692.65	496347.79	499477.38	500172.60	0.84	ppb
Calcium	44-1	503899.26	496753.02	499893.15	500181.81	0.72	ppb
Chromium	52-2	6.49	6.44	6.45	6.46	0.38	ppb
Cobalt	59-2	10.84	10.76	10.86	10.82	0.49	ppb
Copper	63-2	2.01	1.97	1.95	1.97	1.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				90		%
Indium	115-1				83		%
Indium	115-2				88		%
Iron	56-2	252581.86	247443.16	248105.87	249376.96	1.12	ppb
Iron	57-2	253303.00	244939.03	250179.32	249473.79	1.69	ppb
Krypton	83-1						cps
Lead	206-1	0.98	0.98	0.95	0.97	1.73	ppb
Lead	207-1	0.94	0.92	0.88	0.91	3.46	ppb
Lead	208-1	0.96	0.94	0.91	0.94	2.77	ppb
Lithium	6-1				90		%
Magnesium	24-2	502551.86	497221.56	499197.95	499657.12	0.54	ppb

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:10:57	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.85	7.80	7.95	7.87	0.97	ppb
Molybdenum	94-1	2.46	2.21	2.16	2.27	7.17	ppb
Molybdenum	95-1	2.88	2.71	2.66	2.75	4.30	ppb
Molybdenum	96-1	3.81	3.73	3.54	3.69	3.75	ppb
Molybdenum	97-1	2.71	2.67	2.42	2.60	6.00	ppb
Molybdenum	98-1	2.61	2.38	2.24	2.41	7.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.85	10.86	11.17	10.96	1.68	ppb
Phosphorus	31-2	-11.79	-17.45	-7.03	-12.09		ppb
Potassium	39-2	252424.03	248225.32	252381.29	251010.21	0.96	ppb
Rhodium	103-1				76		%
Rhodium	103-2				78		%
Scandium	45-1				93		%
Scandium	45-2				100		%
Selenium	77-2	0.18	-0.03	0.07	0.07	147.64	ppb
Selenium	78-2	0.34	0.50	0.90	0.58	49.43	ppb
Selenium	82-1	0.48	0.18	0.68	0.45	55.88	ppb
Silicon	28-1	44.35	44.34	45.15	44.61	1.04	ppb
Silver	109-1	0.10	0.09	0.09	0.09	11.37	ppb
Silver	107-1	0.10	0.08	0.07	0.08	21.98	ppb
Sodium	23-2	500423.67	498296.07	501684.57	500134.77	0.34	ppb
Strontium	86-1	3.75	3.61	3.68	3.68	1.88	ppb
Strontium	88-1	3.75	3.64	3.73	3.71	1.63	ppb
Sulfur	34-1	-101.75	-71.41	-23.47	-65.54		ppb
Terbium	159-1				89		%
Terbium	159-2				90		%
Thallium	203-1	0.17	0.16	0.14	0.16	12.27	ppb
Thallium	205-1	0.19	0.16	0.13	0.16	18.71	ppb
Thorium	232-1	0.23	0.19	0.17	0.19	15.59	ppb
Tin	118-1	0.65	0.61	0.61	0.63	3.62	ppb
Titanium	47-1	1.70	1.63	1.49	1.60	6.52	ppb
Uranium	238-1	0.12	0.10	0.08	0.10	21.81	ppb
Vanadium	51-2	0.16	0.15	0.16	0.16	3.82	ppb
Yttrium	89-1				90		%
Yttrium	89-2				95		%

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:10:57	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	8.90	8.80	9.06	8.92	1.52	ppb
Zirconium	90-1	0.28	0.26	0.25	0.27	6.11	ppb
Zirconium	91-1	0.28	0.28	0.22	0.26	12.36	ppb

LB Number : LB101274 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-08 15:23:51 DataFile Name : 014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	457.43	458.07	456.24	457.25	0.20	ppb
Antimony	121-1	192.75	198.28	198.66	196.56	1.68	ppb
Arsenic	75-1	193.92	191.48	192.68	192.69	0.63	ppb
Barium	135-1	96.40	99.27	98.30	97.99	1.49	ppb
Barium	137-1	96.52	98.59	100.30	98.47	1.92	ppb
Beryllium	9-1	100.25	99.88	100.66	100.26	0.39	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	6.97	7.08	6.92	6.99	1.14	ppb
Boron	11-1	7.13	7.10	6.98	7.07	1.10	ppb
Cadmium	111-1	103.00	105.02	106.45	104.82	1.66	ppb
Cadmium	106-1	86.09	89.25	89.54	88.29	2.16	ppb
Cadmium	108-1	93.24	93.74	95.16	94.05	1.06	ppb
Calcium	43-1	1873.05	1823.76	1932.21	1876.34	2.89	ppb
Calcium	44-1	1922.27	1888.00	1921.71	1910.66	1.03	ppb
Chromium	52-2	97.55	97.55	96.38	97.16	0.69	ppb
Cobalt	59-2	100.84	101.24	100.40	100.82	0.42	ppb
Copper	63-2	105.11	105.25	104.93	105.10	0.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				106		%
Iron	56-2	1054.55	1060.74	1043.67	1052.99	0.82	ppb
Iron	57-2	1024.41	1057.82	1036.61	1039.62	1.63	ppb
Krypton	83-1						cps
Lead	206-1	180.96	185.07	187.92	184.65	1.90	ppb
Lead	207-1	172.28	177.09	177.78	175.72	1.70	ppb
Lead	208-1	177.93	180.43	181.86	180.07	1.10	ppb
Lithium	6-1				107		%
Magnesium	24-2	1203.32	1206.91	1186.27	1198.83	0.92	ppb

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:23:51	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	99.87	99.81	98.74	99.47	0.64	ppb
Molybdenum	94-1	0.06	0.04	0.06	0.05	18.00	ppb
Molybdenum	95-1	0.05	0.05	0.04	0.05	12.80	ppb
Molybdenum	96-1	0.07	0.06	0.07	0.07	2.81	ppb
Molybdenum	97-1	0.06	0.04	0.05	0.05	17.07	ppb
Molybdenum	98-1	0.04	0.05	0.05	0.05	6.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.61	105.86	104.63	105.37	0.62	ppb
Phosphorus	31-2	-22.85	-23.20	-24.37	-23.47		ppb
Potassium	39-2	1874.64	1862.81	1831.60	1856.35	1.20	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	77-2	208.01	224.56	220.98	217.85	4.00	ppb
Selenium	78-2	219.07	217.22	216.42	217.57	0.63	ppb
Selenium	82-1	206.22	210.03	209.55	208.60	0.99	ppb
Silicon	28-1	3.13	2.39	2.98	2.83	13.88	ppb
Silver	109-1	104.38	105.97	105.58	105.31	0.79	ppb
Silver	107-1	104.13	106.10	106.47	105.57	1.19	ppb
Sodium	23-2	1956.53	1967.15	1938.02	1953.90	0.75	ppb
Strontium	86-1	1.86	1.92	1.84	1.87	2.32	ppb
Strontium	88-1	1.89	1.89	1.92	1.90	0.74	ppb
Sulfur	34-1	-34.88	-66.14	-59.01	-53.34		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	181.03	182.32	190.03	184.46	2.64	ppb
Thallium	205-1	185.08	186.05	184.46	185.20	0.43	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	17.03	ppb
Tin	118-1	0.02	0.04	0.05	0.04	35.99	ppb
Titanium	47-1	0.01	0.04	0.02	0.02	76.44	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	17.45	ppb
Vanadium	51-2	97.22	96.71	95.66	96.53	0.82	ppb
Yttrium	89-1				105		%
Yttrium	89-2				106		%

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:23:51	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	220.64	225.39	222.56	222.86	1.07	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	17.66	ppb
Zirconium	91-1	0.08	0.09	0.09	0.09	6.75	ppb

LB Number : LB101274 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-08 15:27:28 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.16	0.09	0.18	0.14	30.13	ppb
Antimony	121-1	0.12	0.10	0.11	0.11	8.68	ppb
Arsenic	75-1	0.03	0.04	0.03	0.03	8.64	ppb
Barium	135-1	0.01	0.01	0.01	0.01	27.66	ppb
Barium	137-1	0.01	0.01	0.01	0.01	25.63	ppb
Beryllium	9-1	0.03	0.03	0.02	0.02	13.51	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	5.53	5.39	5.14	5.35	3.65	ppb
Boron	11-1	5.58	5.13	5.01	5.24	5.73	ppb
Cadmium	111-1	0.14	0.06	0.09	0.09	44.98	ppb
Cadmium	106-1	1.64	0.54	0.97	1.05	52.91	ppb
Cadmium	108-1	0.02	-0.01	0.03	0.01	172.63	ppb
Calcium	43-1	0.15	2.36	0.27	0.93	133.67	ppb
Calcium	44-1	6.19	7.00	5.17	6.12	15.00	ppb
Chromium	52-2	0.02	0.04	0.04	0.03	33.64	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	99.60	ppb
Copper	63-2	0.01	0.01	0.01	0.01	35.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	56-2	0.58	0.57	0.61	0.59	3.90	ppb
Iron	57-2	1.07	0.40	0.88	0.78	44.49	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.02	0.02	0.03	22.49	ppb
Lead	207-1	0.03	0.03	0.02	0.03	32.72	ppb
Lead	208-1	0.03	0.03	0.02	0.02	18.63	ppb
Lithium	6-1				107		%
Magnesium	24-2	0.39	0.47	0.43	0.43	8.21	ppb

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:27:28	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.01	0.01	0.01	28.05	ppb
Molybdenum	94-1	0.01	0.02	0.02	0.02	38.53	ppb
Molybdenum	95-1	0.03	0.02	0.03	0.02	17.13	ppb
Molybdenum	96-1	0.03	0.01	0.03	0.02	33.89	ppb
Molybdenum	97-1	0.02	0.02	0.03	0.02	37.33	ppb
Molybdenum	98-1	0.01	0.02	0.02	0.02	20.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	0.00	0.00	68.48	ppb
Phosphorus	31-2	-25.91	-26.35	-24.07	-25.44		ppb
Potassium	39-2	12.19	11.04	12.09	11.77	5.39	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Selenium	77-2	-0.03	-0.03	-0.03	-0.03		ppb
Selenium	78-2	0.31	0.19	0.08	0.19	61.42	ppb
Selenium	82-1	0.60	0.20	0.02	0.27	109.54	ppb
Silicon	28-1	0.78	1.59	0.81	1.06	43.27	ppb
Silver	109-1	0.02	0.01	0.01	0.01	24.27	ppb
Silver	107-1	0.01	0.01	0.01	0.01	16.72	ppb
Sodium	23-2	15.78	15.28	15.23	15.43	1.95	ppb
Strontium	86-1	-0.03	-0.01	-0.03	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	80.96	ppb
Sulfur	34-1	-103.78	-29.58	-158.28	-97.21		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.05	0.04	0.04	0.04	10.76	ppb
Thallium	205-1	0.05	0.04	0.04	0.04	16.99	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	10.11	ppb
Tin	118-1	0.01	0.02	0.03	0.02	44.07	ppb
Titanium	47-1	0.01	0.05	0.01	0.03	101.45	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	47.83	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:27:28	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.01	0.04	0.03	0.03	64.76	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	23.15	ppb
Zirconium	91-1	0.01	0.00	0.00	0.00	74.38	ppb

LB Number : LB101274 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-08 15:31:05 DataFile Name : 016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89144.14	90193.67	89385.31	89574.37	0.61	ppb
Antimony	121-1	1.21	1.23	1.27	1.24	2.44	ppb
Arsenic	75-1	1.52	1.70	1.73	1.65	6.70	ppb
Barium	135-1	1.41	1.52	1.52	1.48	4.35	ppb
Barium	137-1	1.47	1.51	1.50	1.49	1.54	ppb
Beryllium	9-1	0.29	0.33	0.29	0.30	8.09	ppb
Bismuth	209-1				86		%
Bismuth	209-2				85		%
Boron	10-1	4.80	5.29	5.51	5.20	6.99	ppb
Boron	11-1	5.23	5.20	5.12	5.18	1.12	ppb
Cadmium	111-1	0.42	0.47	0.49	0.46	8.67	ppb
Cadmium	106-1	-0.56	-0.29	-0.26	-0.37		ppb
Cadmium	108-1	14.02	13.78	14.11	13.97	1.21	ppb
Calcium	43-1	93912.35	95677.78	95428.26	95006.13	1.01	ppb
Calcium	44-1	94749.05	94351.74	95296.67	94799.15	0.50	ppb
Chromium	52-2	20.80	20.92	20.61	20.78	0.77	ppb
Cobalt	59-2	1.14	1.20	1.14	1.16	2.68	ppb
Copper	63-2	7.39	7.55	7.55	7.50	1.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				97		%
Indium	115-1				94		%
Indium	115-2				95		%
Iron	56-2	103107.80	104285.33	103585.49	103659.54	0.57	ppb
Iron	57-2	102659.14	103711.40	103446.95	103272.50	0.53	ppb
Krypton	83-1						cps
Lead	206-1	5.05	4.97	4.86	4.96	1.93	ppb
Lead	207-1	4.49	4.29	4.26	4.35	2.78	ppb
Lead	208-1	4.68	4.57	4.49	4.58	2.09	ppb
Lithium	6-1				98		%
Magnesium	24-2	101646.77	103159.53	103253.05	102686.45	0.88	ppb

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:31:05	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.06	8.14	8.05	8.08	0.61	ppb
Molybdenum	94-1	1286.75	1302.36	1268.48	1285.86	1.32	ppb
Molybdenum	95-1	1834.89	1824.13	1802.19	1820.40	0.92	ppb
Molybdenum	96-1	1762.82	1776.59	1746.78	1762.06	0.85	ppb
Molybdenum	97-1	1825.41	1829.74	1823.11	1826.09	0.18	ppb
Molybdenum	98-1	1813.97	1817.07	1819.01	1816.68	0.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.25	5.27	5.44	5.32	1.89	ppb
Phosphorus	31-2	99902.94	100197.19	99951.01	100017.04	0.16	ppb
Potassium	39-2	95552.07	95121.17	95431.80	95368.35	0.23	ppb
Rhodium	103-1				89		%
Rhodium	103-2				90		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	0.28	0.17	0.17	0.21	28.58	ppb
Selenium	78-2	0.15	0.48	0.21	0.28	61.32	ppb
Selenium	82-1	0.17	0.02	0.16	0.12	70.34	ppb
Silicon	28-1	30.12	30.43	30.66	30.41	0.89	ppb
Silver	109-1	0.04	0.04	0.04	0.04	3.53	ppb
Silver	107-1	0.03	0.04	0.04	0.04	13.10	ppb
Sodium	23-2	99088.57	102572.14	100812.76	100824.49	1.73	ppb
Strontium	86-1	28.36	28.62	28.44	28.47	0.47	ppb
Strontium	88-1	29.03	28.62	28.72	28.79	0.75	ppb
Sulfur	34-1	79943.67	80087.57	80070.93	80034.06	0.10	ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	0.17	0.16	0.19	0.17	9.02	ppb
Thallium	205-1	0.16	0.17	0.18	0.17	5.40	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	7.87	ppb
Tin	118-1	0.24	0.26	0.25	0.25	2.98	ppb
Titanium	47-1	1934.62	1918.58	1938.69	1930.63	0.55	ppb
Uranium	238-1	0.02	0.01	0.02	0.02	12.32	ppb
Vanadium	51-2	0.17	0.18	0.18	0.18	3.33	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:31:05	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	11.52	11.46	11.72	11.57	1.15	ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	17.25	ppb
Zirconium	91-1	0.03	0.04	0.02	0.03	27.96	ppb

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:34:47	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88565.48	89632.73	88259.96	88819.39	0.81	ppb
Antimony	121-1	20.41	20.29	20.12	20.27	0.70	ppb
Arsenic	75-1	19.80	20.20	20.19	20.06	1.15	ppb
Barium	135-1	21.27	21.02	21.01	21.10	0.68	ppb
Barium	137-1	21.28	21.36	21.17	21.27	0.45	ppb
Beryllium	9-1	20.02	20.09	19.74	19.95	0.92	ppb
Bismuth	209-1				87		%
Bismuth	209-2				85		%
Boron	10-1	64.85	65.64	66.93	65.81	1.59	ppb
Boron	11-1	64.99	65.28	66.39	65.56	1.13	ppb
Cadmium	111-1	19.87	20.13	19.64	19.88	1.25	ppb
Cadmium	106-1	26.05	26.53	24.87	25.82	3.30	ppb
Cadmium	108-1	36.92	36.30	35.01	36.08	2.70	ppb
Calcium	43-1	95535.03	98193.34	96790.48	96839.62	1.37	ppb
Calcium	44-1	97100.13	96696.88	96799.54	96865.52	0.22	ppb
Chromium	52-2	40.07	40.72	39.87	40.22	1.10	ppb
Cobalt	59-2	20.69	21.05	20.88	20.87	0.86	ppb
Copper	63-2	26.76	27.40	27.42	27.19	1.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	56-2	103368.31	103979.94	104208.84	103852.36	0.42	ppb
Iron	57-2	102399.87	103996.32	102376.51	102924.24	0.90	ppb
Krypton	83-1						cps
Lead	206-1	24.80	24.88	25.02	24.90	0.45	ppb
Lead	207-1	22.95	22.97	22.78	22.90	0.47	ppb
Lead	208-1	23.57	23.67	23.52	23.59	0.34	ppb
Lithium	6-1				99		%
Magnesium	24-2	101288.16	102750.78	101564.46	101867.80	0.76	ppb

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:34:47	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	27.95	28.05	27.98	27.99	0.19	ppb
Molybdenum	94-1	1428.57	1402.20	1379.16	1403.31	1.76	ppb
Molybdenum	95-1	1905.20	1842.61	1826.13	1857.98	2.25	ppb
Molybdenum	96-1	1843.04	1806.14	1770.67	1806.62	2.00	ppb
Molybdenum	97-1	1911.86	1858.03	1820.83	1863.57	2.46	ppb
Molybdenum	98-1	1900.91	1868.16	1820.69	1863.26	2.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.99	24.99	25.26	25.08	0.62	ppb
Phosphorus	31-2	100163.02	100987.04	98928.35	100026.14	1.04	ppb
Potassium	39-2	94210.59	94872.58	95628.90	94904.02	0.75	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	21.13	20.83	19.36	20.44	4.62	ppb
Selenium	78-2	19.82	20.24	20.48	20.18	1.67	ppb
Selenium	82-1	19.22	19.84	18.59	19.22	3.27	ppb
Silicon	28-1	105.42	106.98	104.70	105.70	1.10	ppb
Silver	109-1	18.31	18.57	18.45	18.44	0.72	ppb
Silver	107-1	18.61	18.48	18.37	18.49	0.64	ppb
Sodium	23-2	100984.70	101258.17	101651.31	101298.06	0.33	ppb
Strontium	86-1	82.38	82.76	80.09	81.74	1.76	ppb
Strontium	88-1	82.98	82.75	81.90	82.54	0.68	ppb
Sulfur	34-1	80542.07	81038.11	79850.53	80476.91	0.74	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	20.40	20.19	20.41	20.34	0.62	ppb
Thallium	205-1	20.24	20.20	20.51	20.32	0.83	ppb
Thorium	232-1	0.31	0.29	0.30	0.30	2.28	ppb
Tin	118-1	61.87	62.34	61.68	61.96	0.55	ppb
Titanium	47-1	1991.48	1994.23	1982.43	1989.38	0.31	ppb
Uranium	238-1	61.43	62.75	62.56	62.25	1.15	ppb
Vanadium	51-2	19.90	19.97	19.83	19.90	0.35	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:34:47	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	31.56	31.20	31.20	31.32	0.67	ppb
Zirconium	90-1	61.57	61.40	60.77	61.25	0.69	ppb
Zirconium	91-1	61.23	61.59	60.06	60.96	1.32	ppb

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P7
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:38:28	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51958.28	52264.69	52673.34	52298.77	0.69	ppb
Antimony	121-1	488.02	483.76	491.31	487.69	0.78	ppb
Arsenic	75-1	446.31	455.18	445.05	448.85	1.23	ppb
Barium	135-1	2591.16	2539.69	2579.65	2570.16	1.05	ppb
Barium	137-1	2581.43	2548.15	2572.58	2567.39	0.67	ppb
Beryllium	9-1	542.27	547.13	540.11	543.17	0.66	ppb
Bismuth	209-1				81		%
Bismuth	209-2				79		%
Boron	10-1	478.82	499.62	509.42	495.95	3.15	ppb
Boron	11-1	494.92	502.50	512.33	503.25	1.74	ppb
Cadmium	111-1	514.69	513.30	520.98	516.32	0.79	ppb
Cadmium	106-1	532.60	526.17	538.23	532.33	1.13	ppb
Cadmium	108-1	536.58	537.82	543.15	539.18	0.65	ppb
Calcium	43-1	238234.15	242755.26	239122.17	240037.19	1.00	ppb
Calcium	44-1	239432.93	243696.43	239055.00	240728.12	1.07	ppb
Chromium	52-2	504.85	508.38	510.76	508.00	0.59	ppb
Cobalt	59-2	490.14	490.94	491.36	490.82	0.13	ppb
Copper	63-2	972.99	985.56	984.11	980.89	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				96		%
Indium	115-1				93		%
Indium	115-2				95		%
Iron	56-2	128455.74	127031.25	128334.90	127940.63	0.62	ppb
Iron	57-2	128630.28	128139.54	128204.51	128324.78	0.21	ppb
Krypton	83-1						cps
Lead	206-1	531.71	532.65	520.41	528.26	1.29	ppb
Lead	207-1	523.65	519.11	512.28	518.35	1.10	ppb
Lead	208-1	525.11	524.22	516.02	521.78	0.96	ppb
Lithium	6-1				96		%
Magnesium	24-2	254318.40	249192.76	251170.09	251560.42	1.03	ppb

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P7
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:38:28	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	995.99	1010.49	1000.24	1002.24	0.74	ppb
Molybdenum	94-1	2492.12	2536.94	2512.89	2513.98	0.89	ppb
Molybdenum	95-1	2468.86	2507.49	2518.71	2498.35	1.05	ppb
Molybdenum	96-1	2490.91	2502.75	2523.06	2505.57	0.65	ppb
Molybdenum	97-1	2498.76	2507.36	2507.85	2504.66	0.20	ppb
Molybdenum	98-1	2502.34	2505.99	2520.63	2509.65	0.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	470.84	476.73	475.84	474.47	0.67	ppb
Phosphorus	31-2	10218.05	10212.14	10321.50	10250.56	0.60	ppb
Potassium	39-2	122482.31	121102.53	122439.43	122008.09	0.64	ppb
Rhodium	103-1				87		%
Rhodium	103-2				88		%
Scandium	45-1				104		%
Scandium	45-2				107		%
Selenium	77-2	579.55	571.46	589.78	580.26	1.58	ppb
Selenium	78-2	582.50	581.55	581.51	581.85	0.10	ppb
Selenium	82-1	541.20	544.80	548.83	544.94	0.70	ppb
Silicon	28-1	489.14	504.13	496.33	496.53	1.51	ppb
Silver	109-1	514.31	511.08	505.61	510.33	0.86	ppb
Silver	107-1	523.32	517.01	519.07	519.80	0.62	ppb
Sodium	23-2	249505.30	248499.24	250527.60	249510.71	0.41	ppb
Strontium	86-1	490.87	495.56	494.20	493.54	0.49	ppb
Strontium	88-1	504.86	509.39	501.75	505.33	0.76	ppb
Sulfur	34-1	9935.01	10046.59	9873.16	9951.59	0.88	ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	528.17	528.60	523.77	526.85	0.51	ppb
Thallium	205-1	531.30	533.17	518.93	527.80	1.47	ppb
Thorium	232-1	524.98	528.66	528.08	527.24	0.38	ppb
Tin	118-1	505.71	498.80	503.20	502.57	0.70	ppb
Titanium	47-1	2478.82	2527.26	2452.92	2486.33	1.52	ppb
Uranium	238-1	526.72	532.40	523.51	527.54	0.85	ppb
Vanadium	51-2	516.98	516.93	513.36	515.76	0.40	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P7
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:38:28	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	966.34	976.32	978.23	973.63	0.66	ppb
Zirconium	90-1	504.87	507.21	509.66	507.24	0.47	ppb
Zirconium	91-1	489.46	490.93	501.32	493.90	1.31	ppb

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P7
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:42:14	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.30	3.13	2.67	3.04	10.70	ppb
Antimony	121-1	0.22	0.24	0.23	0.23	3.77	ppb
Arsenic	75-1	0.08	0.05	0.11	0.08	35.90	ppb
Barium	135-1	0.16	0.17	0.15	0.16	7.91	ppb
Barium	137-1	0.18	0.16	0.12	0.15	19.91	ppb
Beryllium	9-1	0.06	0.05	0.05	0.05	15.00	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	20.82	18.94	17.60	19.12	8.44	ppb
Boron	11-1	20.85	18.64	17.53	19.01	8.88	ppb
Cadmium	111-1	0.11	0.11	0.11	0.11	0.50	ppb
Cadmium	106-1	0.43	0.62	0.75	0.60	26.92	ppb
Cadmium	108-1	0.11	-0.02	0.04	0.04	151.23	ppb
Calcium	43-1	19.26	17.59	14.11	16.99	15.48	ppb
Calcium	44-1	29.35	25.60	24.25	26.40	10.01	ppb
Chromium	52-2	0.05	0.05	0.07	0.05	20.70	ppb
Cobalt	59-2	0.02	0.01	0.01	0.01	40.66	ppb
Copper	63-2	0.12	0.11	0.11	0.12	6.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	56-2	6.94	6.54	6.28	6.59	5.00	ppb
Iron	57-2	6.71	6.28	6.49	6.49	3.34	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.06	0.06	0.06	4.45	ppb
Lead	207-1	0.07	0.06	0.06	0.06	6.28	ppb
Lead	208-1	0.07	0.06	0.06	0.06	8.38	ppb
Lithium	6-1				108		%
Magnesium	24-2	8.17	7.97	6.95	7.70	8.52	ppb

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P7
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:42:14	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	0.04	0.04	0.04	6.16	ppb
Molybdenum	94-1	0.40	0.34	0.30	0.35	15.48	ppb
Molybdenum	95-1	0.46	0.39	0.30	0.38	21.28	ppb
Molybdenum	96-1	0.46	0.39	0.34	0.40	14.94	ppb
Molybdenum	97-1	0.47	0.40	0.35	0.41	15.56	ppb
Molybdenum	98-1	0.42	0.38	0.32	0.37	13.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	0.01	0.01	11.48	ppb
Phosphorus	31-2	-24.52	-24.00	-19.65	-22.72		ppb
Potassium	39-2	35.17	33.59	34.00	34.25	2.40	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				111		%
Scandium	45-2				109		%
Selenium	77-2	0.25	-0.03	-0.03	0.06	269.47	ppb
Selenium	78-2	-0.03	0.37	0.24	0.19	107.17	ppb
Selenium	82-1	-0.23	-0.01	0.13	-0.04		ppb
Silicon	28-1	2.58	2.06	2.20	2.28	11.67	ppb
Silver	109-1	0.06	0.05	0.05	0.05	13.78	ppb
Silver	107-1	0.06	0.06	0.04	0.05	17.94	ppb
Sodium	23-2	37.71	35.91	35.07	36.23	3.72	ppb
Strontium	86-1	0.03	0.00	0.01	0.01	152.02	ppb
Strontium	88-1	0.03	0.03	0.02	0.03	15.75	ppb
Sulfur	34-1	-124.41	-133.01	-119.90	-125.78		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.12	0.11	0.09	0.10	15.16	ppb
Thallium	205-1	0.12	0.11	0.09	0.11	15.55	ppb
Thorium	232-1	0.07	0.06	0.05	0.06	12.51	ppb
Tin	118-1	0.11	0.09	0.08	0.09	14.75	ppb
Titanium	47-1	0.16	0.16	0.14	0.15	9.40	ppb
Uranium	238-1	0.03	0.02	0.02	0.02	24.13	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	12.91	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P7
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:42:14	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.09	0.07	0.07	0.08	11.37	ppb
Zirconium	90-1	0.04	0.03	0.03	0.03	23.08	ppb
Zirconium	91-1	0.04	0.04	0.05	0.04	9.61	ppb

LB Number : LB101274 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2019-03-08 15:45:50 DataFile Name : 020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.11	19.10	21.55	19.92	7.11	ppb
Antimony	121-1	1.96	1.94	1.93	1.94	0.94	ppb
Arsenic	75-1	0.94	0.98	0.77	0.90	12.38	ppb
Barium	135-1	9.89	9.90	9.52	9.77	2.20	ppb
Barium	137-1	9.93	9.46	9.64	9.68	2.45	ppb
Beryllium	9-1	0.96	0.98	0.96	0.96	1.46	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	30.69	30.23	31.10	30.67	1.43	ppb
Boron	11-1	30.47	30.57	30.89	30.64	0.72	ppb
Cadmium	111-1	1.07	1.04	1.08	1.06	1.89	ppb
Cadmium	106-1	1.69	1.42	1.84	1.65	12.94	ppb
Cadmium	108-1	0.98	1.25	1.07	1.10	12.36	ppb
Calcium	43-1	468.17	460.44	446.44	458.35	2.40	ppb
Calcium	44-1	473.39	467.78	462.70	467.96	1.14	ppb
Chromium	52-2	1.91	1.90	1.90	1.91	0.37	ppb
Cobalt	59-2	0.98	0.98	0.95	0.97	1.95	ppb
Copper	63-2	2.02	2.07	2.00	2.03	1.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				107		%
Iron	56-2	55.26	55.40	54.87	55.18	0.50	ppb
Iron	57-2	57.16	58.73	58.81	58.23	1.59	ppb
Krypton	83-1						cps
Lead	206-1	0.93	0.93	0.94	0.93	0.76	ppb
Lead	207-1	0.86	0.85	0.89	0.87	2.33	ppb
Lead	208-1	0.89	0.89	0.91	0.89	1.30	ppb
Lithium	6-1				109		%
Magnesium	24-2	500.71	504.67	499.33	501.57	0.55	ppb

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:45:50	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.02	1.00	1.03	1.02	1.56	ppb
Molybdenum	94-1	4.48	4.60	4.58	4.55	1.45	ppb
Molybdenum	95-1	4.53	4.52	4.54	4.53	0.23	ppb
Molybdenum	96-1	4.56	4.51	4.68	4.58	1.95	ppb
Molybdenum	97-1	4.54	4.56	4.74	4.61	2.37	ppb
Molybdenum	98-1	4.55	4.46	4.62	4.55	1.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.98	1.06	1.07	1.04	4.69	ppb
Phosphorus	31-2	33.73	40.61	32.92	35.75	11.82	ppb
Potassium	39-2	472.58	474.69	461.46	469.58	1.51	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				111		%
Scandium	45-2				110		%
Selenium	77-2	5.72	5.29	6.44	5.82	10.01	ppb
Selenium	78-2	6.07	5.38	5.48	5.64	6.62	ppb
Selenium	82-1	5.73	5.51	5.67	5.64	2.00	ppb
Silicon	28-1	11.61	11.08	11.38	11.36	2.34	ppb
Silver	109-1	1.17	1.15	1.15	1.16	0.96	ppb
Silver	107-1	1.13	1.15	1.12	1.13	1.26	ppb
Sodium	23-2	492.66	500.00	492.12	494.93	0.89	ppb
Strontium	86-1	0.79	0.75	0.80	0.78	2.83	ppb
Strontium	88-1	0.79	0.79	0.78	0.79	0.95	ppb
Sulfur	34-1	-52.45	-79.13	-74.26	-68.61		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.90	0.90	0.89	0.90	0.39	ppb
Thallium	205-1	0.92	0.92	0.93	0.92	0.53	ppb
Thorium	232-1	0.78	0.81	0.80	0.79	2.05	ppb
Tin	118-1	5.27	5.13	5.09	5.16	1.79	ppb
Titanium	47-1	4.81	4.42	4.57	4.60	4.23	ppb
Uranium	238-1	0.76	0.78	0.80	0.78	2.05	ppb
Vanadium	51-2	4.93	5.01	4.94	4.96	0.89	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:45:50	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.11	2.24	2.11	2.15	3.47	ppb
Zirconium	90-1	0.94	0.93	0.89	0.92	2.91	ppb
Zirconium	91-1	0.90	0.89	0.90	0.90	0.92	ppb

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	PB117694BL	Instrumnet Name :	P7
Client Sample ID :	PB117694BL	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:49:26	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.89	0.38	0.53	0.60	43.72	ppb
Antimony	121-1	0.02	0.03	0.03	0.03	23.74	ppb
Arsenic	75-1	0.08	0.09	0.06	0.08	18.63	ppb
Barium	135-1	0.01	0.01	0.01	0.01	23.45	ppb
Barium	137-1	0.00	0.01	0.00	0.00	31.98	ppb
Beryllium	9-1	0.02	0.01	0.02	0.02	11.06	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	6.69	6.56	6.13	6.46	4.52	ppb
Boron	11-1	6.48	6.57	5.84	6.30	6.29	ppb
Cadmium	111-1	0.01	0.11	0.04	0.05	93.17	ppb
Cadmium	106-1	-0.02	1.23	0.34	0.52	124.09	ppb
Cadmium	108-1	-0.02	-0.04	0.00	-0.02		ppb
Calcium	43-1	0.84	1.34	0.99	1.06	24.46	ppb
Calcium	44-1	6.13	7.51	6.15	6.60	11.94	ppb
Chromium	52-2	0.01	0.04	0.02	0.02	55.54	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	80.79	ppb
Copper	63-2	0.04	0.04	0.05	0.04	10.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				107		%
Iron	56-2	1.92	1.17	1.06	1.38	34.13	ppb
Iron	57-2	1.23	0.88	0.95	1.02	18.34	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.03	0.02	0.02	22.89	ppb
Lead	207-1	0.03	0.02	0.02	0.02	25.28	ppb
Lead	208-1	0.02	0.02	0.02	0.02	12.20	ppb
Lithium	6-1				108		%
Magnesium	24-2	0.82	0.90	0.91	0.88	6.03	ppb

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	PB117694BL	Instrumnet Name :	P7
Client Sample ID :	PB117694BL	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:49:26	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	0.00	0.00	10.62	ppb
Molybdenum	94-1	0.04	0.04	0.04	0.04	10.45	ppb
Molybdenum	95-1	0.04	0.03	0.05	0.04	27.69	ppb
Molybdenum	96-1	0.04	0.04	0.04	0.04	6.35	ppb
Molybdenum	97-1	0.05	0.03	0.04	0.04	21.00	ppb
Molybdenum	98-1	0.04	0.04	0.03	0.04	4.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	0.00	0.00		ppb
Phosphorus	31-2	-28.09	-22.77	-25.74	-25.53		ppb
Potassium	39-2	12.40	17.25	15.42	15.02	16.30	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				110		%
Scandium	45-2				109		%
Selenium	77-2	0.06	-0.03	-0.03	0.00		ppb
Selenium	78-2	0.15	0.24	0.10	0.16	44.58	ppb
Selenium	82-1	0.04	0.11	-0.15	0.00	18910.13	ppb
Silicon	28-1	0.53	0.73	0.56	0.61	18.38	ppb
Silver	109-1	0.01	0.01	0.01	0.01	21.35	ppb
Silver	107-1	0.01	0.01	0.01	0.01	24.71	ppb
Sodium	23-2	15.09	17.06	16.36	16.17	6.16	ppb
Strontium	86-1	-0.03	0.01	-0.02	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	94.50	ppb
Sulfur	34-1	-133.42	-69.01	-56.94	-86.46		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.03	0.02	0.03	0.03	22.05	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	7.48	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	6.68	ppb
Tin	118-1	0.01	0.02	0.02	0.01	23.18	ppb
Titanium	47-1	0.00	0.00	-0.01	0.00	1157.40	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	88.92	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	97.78	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	PB117694BL	Instrumnet Name :	P7
Client Sample ID :	PB117694BL	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:49:26	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.01	-0.07	-0.02	-0.03		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	22.96	ppb
Zirconium	91-1	0.02	0.02	0.01	0.01	34.14	ppb

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	PB117694BS	Instrumnet Name :	P7
Client Sample ID :	PB117694BS	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:53:02	DataFile Name :	022DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9670.54	9557.85	9561.53	9596.64	0.67	ppb
Antimony	121-1	500.01	504.04	502.30	502.12	0.40	ppb
Arsenic	75-1	478.78	499.38	483.72	487.29	2.21	ppb
Barium	135-1	2502.32	2515.99	2464.94	2494.41	1.06	ppb
Barium	137-1	2500.11	2475.64	2488.06	2487.94	0.49	ppb
Beryllium	9-1	497.65	505.54	506.06	503.08	0.94	ppb
Bismuth	209-1				95		%
Bismuth	209-2				91		%
Boron	10-1	466.48	482.42	489.38	479.43	2.45	ppb
Boron	11-1	465.93	484.52	484.67	478.37	2.25	ppb
Cadmium	111-1	506.30	511.32	516.41	511.34	0.99	ppb
Cadmium	106-1	521.40	518.21	522.48	520.70	0.43	ppb
Cadmium	108-1	514.06	521.93	517.01	517.67	0.77	ppb
Calcium	43-1	48368.92	49520.86	49089.03	48992.94	1.19	ppb
Calcium	44-1	48680.53	48713.11	47566.54	48320.06	1.35	ppb
Chromium	52-2	502.56	500.54	510.50	504.53	1.04	ppb
Cobalt	59-2	511.45	504.35	506.40	507.40	0.72	ppb
Copper	63-2	1029.02	1019.27	1019.72	1022.67	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	26532.23	26073.22	26313.45	26306.30	0.87	ppb
Iron	57-2	26345.31	26216.20	26107.45	26222.99	0.45	ppb
Krypton	83-1						cps
Lead	206-1	494.14	486.49	489.82	490.15	0.78	ppb
Lead	207-1	484.84	487.90	483.15	485.30	0.50	ppb
Lead	208-1	486.22	485.57	485.56	485.78	0.08	ppb
Lithium	6-1				103		%
Magnesium	24-2	51324.33	50885.00	52003.87	51404.40	1.10	ppb

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	PB117694BS	Instrumnet Name :	P7
Client Sample ID :	PB117694BS	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:53:02	DataFile Name :	022DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1016.71	1004.59	1008.41	1009.90	0.61	ppb
Molybdenum	94-1	2460.17	2412.11	2439.57	2437.29	0.99	ppb
Molybdenum	95-1	2463.04	2420.53	2430.40	2437.99	0.91	ppb
Molybdenum	96-1	2488.72	2388.15	2447.92	2441.59	2.07	ppb
Molybdenum	97-1	2474.41	2415.21	2457.54	2449.05	1.25	ppb
Molybdenum	98-1	2455.42	2402.52	2439.85	2432.60	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	513.16	507.64	515.19	512.00	0.76	ppb
Phosphorus	31-2	10295.46	10310.19	10290.62	10298.76	0.10	ppb
Potassium	39-2	23489.74	23338.28	23766.45	23531.49	0.92	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	77-2	525.98	522.34	530.64	526.32	0.79	ppb
Selenium	78-2	527.64	529.38	524.58	527.20	0.46	ppb
Selenium	82-1	509.73	510.17	513.46	511.12	0.40	ppb
Silicon	28-1	511.06	520.76	510.87	514.23	1.10	ppb
Silver	109-1	506.94	508.43	506.12	507.17	0.23	ppb
Silver	107-1	513.54	508.54	503.80	508.62	0.96	ppb
Sodium	23-2	50821.54	50245.73	50587.03	50551.43	0.57	ppb
Strontium	86-1	483.09	489.25	482.77	485.04	0.75	ppb
Strontium	88-1	495.73	499.25	490.93	495.30	0.84	ppb
Sulfur	34-1	9992.27	10025.41	9624.94	9880.87	2.25	ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	487.88	488.55	486.32	487.58	0.23	ppb
Thallium	205-1	486.63	489.49	484.78	486.97	0.49	ppb
Thorium	232-1	468.83	470.60	473.09	470.84	0.45	ppb
Tin	118-1	493.06	507.82	503.95	501.61	1.53	ppb
Titanium	47-1	2432.66	2435.41	2381.22	2416.43	1.26	ppb
Uranium	238-1	470.11	470.87	468.69	469.89	0.23	ppb
Vanadium	51-2	508.91	499.45	505.77	504.71	0.95	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	PB117694BS	Instrumnet Name :	P7
Client Sample ID :	PB117694BS	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:53:02	DataFile Name :	022DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1042.67	1047.17	1051.85	1047.23	0.44	ppb
Zirconium	90-1	488.68	489.96	487.98	488.87	0.20	ppb
Zirconium	91-1	474.12	474.84	484.13	477.70	1.17	ppb

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	K1777-01DUP	Instrumnet Name :	P7
Client Sample ID :	390219017.0DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:56:41	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.97	2.30	2.57	2.61	12.85	ppb
Antimony	121-1	0.27	0.24	0.24	0.25	6.97	ppb
Arsenic	75-1	0.13	0.07	0.02	0.07	76.32	ppb
Barium	135-1	0.36	0.31	0.29	0.32	10.79	ppb
Barium	137-1	0.33	0.32	0.29	0.31	7.02	ppb
Beryllium	9-1	0.08	0.06	0.04	0.06	27.51	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Boron	10-1	26.35	24.10	21.67	24.04	9.72	ppb
Boron	11-1	26.04	23.50	21.77	23.77	9.03	ppb
Cadmium	111-1	0.13	0.08	0.06	0.09	40.21	ppb
Cadmium	106-1	0.85	0.24	0.18	0.42	88.07	ppb
Cadmium	108-1	0.07	0.02	0.05	0.05	52.05	ppb
Calcium	43-1	15.96	15.37	14.94	15.42	3.35	ppb
Calcium	44-1	21.88	22.21	23.69	22.59	4.27	ppb
Chromium	52-2	0.58	0.55	0.57	0.57	3.08	ppb
Cobalt	59-2	0.03	0.01	0.01	0.02	43.72	ppb
Copper	63-2	0.25	0.24	0.22	0.24	6.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	4.55	4.40	4.42	4.45	1.86	ppb
Iron	57-2	4.79	4.42	4.45	4.56	4.52	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.09	0.08	0.09	6.80	ppb
Lead	207-1	0.09	0.07	0.07	0.08	9.58	ppb
Lead	208-1	0.09	0.08	0.08	0.08	4.83	ppb
Lithium	6-1				101		%
Magnesium	24-2	4.49	3.88	3.55	3.97	11.93	ppb

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	K1777-01DUP	Instrumnet Name :	P7
Client Sample ID :	390219017.0DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:56:41	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.27	0.28	0.28	0.28	1.68	ppb
Molybdenum	94-1	0.41	0.38	0.29	0.36	18.20	ppb
Molybdenum	95-1	0.47	0.38	0.33	0.39	18.69	ppb
Molybdenum	96-1	0.44	0.40	0.33	0.39	15.00	ppb
Molybdenum	97-1	0.49	0.36	0.36	0.41	18.56	ppb
Molybdenum	98-1	0.47	0.39	0.31	0.39	20.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.09	0.08	0.09	5.86	ppb
Phosphorus	31-2	-22.40	-17.91	-22.29	-20.87		ppb
Potassium	39-2	24.80	23.28	24.34	24.14	3.23	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-0.03	0.07	-0.03	0.00	15744.64	ppb
Selenium	78-2	0.23	0.23	0.37	0.28	29.26	ppb
Selenium	82-1	-0.03	-0.33	-0.18	-0.18		ppb
Silicon	28-1	13.09	13.78	15.93	14.27	10.37	ppb
Silver	109-1	0.06	0.05	0.05	0.05	14.25	ppb
Silver	107-1	0.05	0.05	0.04	0.05	12.57	ppb
Sodium	23-2	30.66	30.74	29.79	30.40	1.73	ppb
Strontium	86-1	0.00	0.04	0.05	0.03	82.04	ppb
Strontium	88-1	0.06	0.06	0.05	0.06	11.34	ppb
Sulfur	34-1	-287.38	-307.87	-196.04	-263.76		ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	0.07	0.06	0.05	0.06	18.85	ppb
Thallium	205-1	0.07	0.06	0.05	0.06	15.66	ppb
Thorium	232-1	0.10	0.09	0.08	0.09	14.92	ppb
Tin	118-1	0.16	0.16	0.13	0.15	11.64	ppb
Titanium	47-1	0.26	0.28	0.24	0.26	7.67	ppb
Uranium	238-1	0.04	0.03	0.02	0.03	23.67	ppb
Vanadium	51-2	0.02	0.02	0.01	0.02	19.22	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	K1777-01DUP	Instrumnet Name :	P7
Client Sample ID :	390219017.0DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:56:41	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	3.47	3.51	3.55	3.51	1.16	ppb
Zirconium	90-1	0.05	0.05	0.04	0.05	17.02	ppb
Zirconium	91-1	0.07	0.04	0.04	0.05	32.74	ppb

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	K1777-01	Instrumnet Name :	P7
Client Sample ID :	390219017.0	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 16:00:17	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.67	2.07	1.66	1.80	13.08	ppb
Antimony	121-1	0.06	0.06	0.07	0.06	8.35	ppb
Arsenic	75-1	0.04	0.08	0.01	0.04	81.23	ppb
Barium	135-1	0.15	0.17	0.13	0.15	13.27	ppb
Barium	137-1	0.16	0.16	0.16	0.16	0.79	ppb
Beryllium	9-1	0.03	0.02	0.02	0.02	18.00	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	10-1	11.21	10.66	10.40	10.76	3.85	ppb
Boron	11-1	11.17	11.05	10.22	10.81	4.75	ppb
Cadmium	111-1	0.04	0.06	0.01	0.04	62.15	ppb
Cadmium	106-1	0.38	0.53	-0.06	0.28	108.48	ppb
Cadmium	108-1	-0.02	-0.03	0.02	-0.01		ppb
Calcium	43-1	8.85	8.31	10.24	9.13	10.87	ppb
Calcium	44-1	14.85	13.62	14.89	14.45	4.98	ppb
Chromium	52-2	0.38	0.42	0.41	0.40	4.22	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	320.73	ppb
Copper	63-2	0.16	0.17	0.16	0.16	2.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	1.40	1.48	1.55	1.48	4.98	ppb
Iron	57-2	1.18	1.21	0.98	1.13	10.99	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.03	0.03	0.03	24.89	ppb
Lead	207-1	0.02	0.03	0.02	0.02	14.33	ppb
Lead	208-1	0.02	0.03	0.03	0.03	13.13	ppb
Lithium	6-1				102		%
Magnesium	24-2	2.21	2.04	2.30	2.18	6.13	ppb

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	K1777-01	Instrumnet Name :	P7
Client Sample ID :	390219017.0	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 16:00:17	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.20	0.20	0.22	0.21	5.21	ppb
Molybdenum	94-1	0.09	0.08	0.07	0.08	11.20	ppb
Molybdenum	95-1	0.09	0.08	0.07	0.08	13.43	ppb
Molybdenum	96-1	0.09	0.09	0.08	0.09	9.40	ppb
Molybdenum	97-1	0.09	0.08	0.06	0.08	18.94	ppb
Molybdenum	98-1	0.09	0.08	0.08	0.08	8.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.04	0.04	0.04	7.76	ppb
Phosphorus	31-2	-19.98	-23.48	-22.51	-21.99		ppb
Potassium	39-2	14.60	16.22	15.07	15.30	5.45	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	0.07	0.17	0.07	0.10	57.91	ppb
Selenium	78-2	0.36	0.22	-0.04	0.18	111.08	ppb
Selenium	82-1	-0.14	0.04	0.28	0.06	333.72	ppb
Silicon	28-1	11.49	11.63	12.56	11.89	4.89	ppb
Silver	109-1	0.01	0.01	0.01	0.01	17.19	ppb
Silver	107-1	0.01	0.02	0.01	0.01	37.61	ppb
Sodium	23-2	20.39	20.79	20.79	20.66	1.11	ppb
Strontium	86-1	0.01	-0.01	0.01	0.01	174.34	ppb
Strontium	88-1	0.02	0.02	0.02	0.02	6.80	ppb
Sulfur	34-1	-205.33	-208.49	-174.83	-196.22		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.02	0.01	0.01	0.01	40.46	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	10.59	ppb
Thorium	232-1	0.03	0.02	0.02	0.02	12.60	ppb
Tin	118-1	0.06	0.06	0.06	0.06	4.75	ppb
Titanium	47-1	0.08	0.07	0.07	0.07	8.41	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	9.44	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	39.94	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	K1777-01	Instrumnet Name :	P7
Client Sample ID :	390219017.0	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 16:00:17	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.59	1.66	1.49	1.58	5.63	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	24.03	ppb
Zirconium	91-1	0.02	0.01	0.03	0.02	42.22	ppb

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	K1777-01LX5	Instrumnet Name :	P7
Client Sample ID :	390219017.0L	Dilution Factor :	5
Date & Time Acquired ::	2019-03-08 16:03:53	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.54	0.72	0.82	0.70	20.23	ppb
Antimony	121-1	0.02	0.03	0.03	0.03	16.00	ppb
Arsenic	75-1	0.01	0.05	0.03	0.03	54.98	ppb
Barium	135-1	0.05	0.05	0.06	0.05	14.86	ppb
Barium	137-1	0.04	0.06	0.06	0.05	11.85	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	16.56	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	6.09	5.83	5.60	5.84	4.19	ppb
Boron	11-1	6.01	5.77	5.62	5.80	3.39	ppb
Cadmium	111-1	0.03	0.07	0.02	0.04	60.21	ppb
Cadmium	106-1	0.35	0.79	0.25	0.46	62.18	ppb
Cadmium	108-1	0.03	0.02	-0.01	0.01	127.07	ppb
Calcium	43-1	5.37	6.37	6.58	6.10	10.62	ppb
Calcium	44-1	10.71	10.81	11.11	10.88	1.92	ppb
Chromium	52-2	0.08	0.07	0.07	0.07	7.46	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.06	0.08	0.07	0.07	9.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	0.70	0.72	0.73	0.72	1.96	ppb
Iron	57-2	0.88	0.75	0.89	0.84	9.32	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.01	0.01	21.35	ppb
Lead	207-1	0.01	0.00	0.01	0.01	47.83	ppb
Lead	208-1	0.01	0.01	0.01	0.01	29.86	ppb
Lithium	6-1				105		%
Magnesium	24-2	0.91	1.07	1.05	1.01	8.50	ppb

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	K1777-01LX5	Instrumnet Name :	P7
Client Sample ID :	390219017.0L	Dilution Factor :	5
Date & Time Acquired ::	2019-03-08 16:03:53	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.05	0.06	0.04	0.05	13.90	ppb
Molybdenum	94-1	0.03	0.04	0.03	0.03	21.48	ppb
Molybdenum	95-1	0.03	0.04	0.02	0.03	18.84	ppb
Molybdenum	96-1	0.04	0.03	0.03	0.03	19.08	ppb
Molybdenum	97-1	0.03	0.02	0.04	0.03	26.65	ppb
Molybdenum	98-1	0.04	0.04	0.03	0.03	18.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.00	0.01	0.01	68.48	ppb
Phosphorus	31-2	-22.12	-22.87	-25.79	-23.59		ppb
Potassium	39-2	8.58	9.87	8.69	9.05	7.90	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	77-2	0.16	-0.03	0.06	0.06	154.50	ppb
Selenium	78-2	0.30	0.18	-0.03	0.15	111.86	ppb
Selenium	82-1	0.20	0.04	0.06	0.10	89.17	ppb
Silicon	28-1	1.90	2.29	2.35	2.18	11.33	ppb
Silver	109-1	0.01	0.01	0.01	0.01	19.55	ppb
Silver	107-1	0.01	0.01	0.01	0.01	24.20	ppb
Sodium	23-2	14.02	13.17	13.14	13.44	3.73	ppb
Strontium	86-1	0.00	-0.01	-0.01	-0.01		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	1.55	ppb
Sulfur	34-1	-215.68	-195.33	-179.98	-197.00		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.00	0.00	0.01	0.00	91.62	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	23.26	ppb
Thorium	232-1	0.01	0.01	0.00	0.01	10.98	ppb
Tin	118-1	0.07	0.06	0.06	0.06	9.56	ppb
Titanium	47-1	0.05	0.07	0.09	0.07	25.01	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	39.36	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	4.69	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	K1777-01LX5	Instrumnet Name :	P7
Client Sample ID :	390219017.0L	Dilution Factor :	5
Date & Time Acquired ::	2019-03-08 16:03:53	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.30	0.38	0.44	0.37	18.96	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	40.48	ppb
Zirconium	91-1	0.01	0.02	0.00	0.01	117.23	ppb

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	K1777-01MS	Instrumnet Name :	P7
Client Sample ID :	390219017.0MS	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 16:07:31	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1812.67	1799.82	1830.50	1814.33	0.85	ppb
Antimony	121-1	886.75	842.55	831.10	853.47	3.44	ppb
Arsenic	75-1	799.60	749.76	738.14	762.50	4.28	ppb
Barium	135-1	211.22	205.80	198.12	205.05	3.21	ppb
Barium	137-1	211.68	203.84	203.50	206.34	2.24	ppb
Beryllium	9-1	206.88	200.12	194.90	200.63	3.00	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Boron	10-1	299.00	299.54	297.83	298.79	0.29	ppb
Boron	11-1	299.37	298.32	298.41	298.70	0.20	ppb
Cadmium	111-1	215.85	209.36	206.92	210.71	2.19	ppb
Cadmium	106-1	182.07	178.95	176.40	179.14	1.58	ppb
Cadmium	108-1	197.48	190.62	189.21	192.44	2.30	ppb
Calcium	43-1	1218.66	1173.74	1128.60	1173.67	3.84	ppb
Calcium	44-1	1131.63	1076.42	1062.17	1090.07	3.37	ppb
Chromium	52-2	405.29	403.02	412.52	406.94	1.22	ppb
Cobalt	59-2	207.37	205.71	213.17	208.75	1.88	ppb
Copper	63-2	324.29	324.25	334.31	327.62	1.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	56-2	3221.06	3179.30	3281.66	3227.34	1.59	ppb
Iron	57-2	3155.74	3140.60	3218.55	3171.63	1.30	ppb
Krypton	83-1						cps
Lead	206-1	1001.33	968.45	938.15	969.31	3.26	ppb
Lead	207-1	969.63	926.70	918.77	938.37	2.92	ppb
Lead	208-1	980.77	944.22	926.16	950.38	2.93	ppb
Lithium	6-1				101		%
Magnesium	24-2	2020.79	2037.85	2076.22	2044.96	1.39	ppb

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	K1777-01MS	Instrumnet Name :	P7
Client Sample ID :	390219017.0MS	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 16:07:31	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	203.39	202.06	209.44	204.96	1.92	ppb
Molybdenum	94-1	288.45	273.84	274.38	278.89	2.97	ppb
Molybdenum	95-1	400.97	380.02	381.79	387.60	3.00	ppb
Molybdenum	96-1	397.46	369.20	370.27	378.98	4.23	ppb
Molybdenum	97-1	406.00	388.50	383.14	392.55	3.05	ppb
Molybdenum	98-1	410.51	386.52	380.35	392.46	4.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	535.40	528.34	555.09	539.61	2.57	ppb
Phosphorus	31-2	5724.07	5743.17	5884.70	5783.98	1.52	ppb
Potassium	39-2	9274.54	9397.79	9385.31	9352.54	0.73	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	2064.40	2039.20	2105.31	2069.64	1.61	ppb
Selenium	78-2	2038.39	2051.44	2078.66	2056.16	1.00	ppb
Selenium	82-1	2110.29	2022.05	2005.58	2045.97	2.75	ppb
Silicon	28-1	1011.25	972.10	942.49	975.28	3.54	ppb
Silver	109-1	82.87	79.97	79.53	80.79	2.25	ppb
Silver	107-1	82.61	80.20	81.31	81.37	1.48	ppb
Sodium	23-2	3042.27	2959.28	3067.48	3023.01	1.87	ppb
Strontium	86-1	174.63	168.62	165.67	169.64	2.69	ppb
Strontium	88-1	178.49	168.97	164.81	170.75	4.11	ppb
Sulfur	34-1	-267.72	-443.90	-542.62	-418.08		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	1952.18	1876.14	1859.55	1895.96	2.60	ppb
Thallium	205-1	1945.07	1872.12	1824.89	1880.70	3.22	ppb
Thorium	232-1	0.05	0.05	0.05	0.05	1.69	ppb
Tin	118-1	787.29	749.17	743.72	760.06	3.12	ppb
Titanium	47-1	214.56	204.66	198.90	206.04	3.84	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	13.25	ppb
Vanadium	51-2	297.78	297.11	305.70	300.20	1.59	ppb
Yttrium	89-1				101		%
Yttrium	89-2				103		%

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	K1777-01MS	Instrumnet Name :	P7
Client Sample ID :	390219017.0MS	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 16:07:31	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	220.90	221.62	225.51	222.68	1.11	ppb
Zirconium	90-1	0.35	0.31	0.29	0.32	10.48	ppb
Zirconium	91-1	0.62	0.60	0.56	0.59	5.61	ppb

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	K1777-01MSD	Instrumnet Name :	P7
Client Sample ID :	390219017.0MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 16:11:10	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1929.23	1915.14	1895.38	1913.25	0.89	ppb
Antimony	121-1	825.89	840.90	826.77	831.19	1.01	ppb
Arsenic	75-1	778.63	786.16	790.97	785.26	0.79	ppb
Barium	135-1	212.91	213.26	213.26	213.14	0.09	ppb
Barium	137-1	210.88	214.40	216.63	213.97	1.35	ppb
Beryllium	9-1	204.77	205.74	207.63	206.05	0.71	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Boron	10-1	314.45	323.51	329.41	322.46	2.34	ppb
Boron	11-1	312.30	319.16	331.13	320.86	2.97	ppb
Cadmium	111-1	212.43	216.28	219.78	216.16	1.70	ppb
Cadmium	106-1	178.74	180.46	183.31	180.83	1.28	ppb
Cadmium	108-1	194.32	198.23	202.43	198.33	2.04	ppb
Calcium	43-1	1185.74	1205.22	1220.39	1203.78	1.44	ppb
Calcium	44-1	1126.61	1151.39	1135.87	1137.95	1.10	ppb
Chromium	52-2	424.56	427.12	424.76	425.48	0.33	ppb
Cobalt	59-2	215.91	217.95	219.69	217.85	0.87	ppb
Copper	63-2	343.54	345.22	346.15	344.97	0.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	3392.95	3392.84	3372.98	3386.26	0.34	ppb
Iron	57-2	3320.29	3349.75	3360.89	3343.65	0.63	ppb
Krypton	83-1						cps
Lead	206-1	986.75	1023.87	991.13	1000.58	2.03	ppb
Lead	207-1	968.97	975.99	967.54	970.84	0.47	ppb
Lead	208-1	981.19	990.78	984.56	985.51	0.49	ppb
Lithium	6-1				100		%
Magnesium	24-2	2159.58	2148.00	2140.57	2149.38	0.45	ppb

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	K1777-01MSD	Instrumnet Name :	P7
Client Sample ID :	390219017.0MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 16:11:10	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	217.52	214.36	215.81	215.90	0.73	ppb
Molybdenum	94-1	269.50	271.68	272.52	271.23	0.57	ppb
Molybdenum	95-1	380.34	376.10	378.73	378.39	0.56	ppb
Molybdenum	96-1	364.16	371.15	374.30	369.87	1.40	ppb
Molybdenum	97-1	374.39	380.14	381.61	378.72	1.01	ppb
Molybdenum	98-1	375.83	377.80	380.90	378.18	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	564.73	571.44	564.29	566.82	0.71	ppb
Phosphorus	31-2	5948.57	6038.46	5988.93	5991.99	0.75	ppb
Potassium	39-2	9718.15	9851.61	9671.65	9747.14	0.96	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	77-2	2137.76	2175.84	2136.53	2150.04	1.04	ppb
Selenium	78-2	2110.77	2130.04	2096.73	2112.51	0.79	ppb
Selenium	82-1	2063.53	2092.70	2098.35	2084.86	0.90	ppb
Silicon	28-1	983.48	987.70	983.81	985.00	0.24	ppb
Silver	109-1	82.50	83.54	84.94	83.66	1.46	ppb
Silver	107-1	81.90	83.07	84.72	83.23	1.70	ppb
Sodium	23-2	3163.24	3151.67	3163.73	3159.55	0.22	ppb
Strontium	86-1	175.16	174.39	173.51	174.35	0.47	ppb
Strontium	88-1	178.66	174.80	176.04	176.50	1.12	ppb
Sulfur	34-1	-561.18	-561.03	-591.34	-571.18		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	1955.56	1972.97	1973.25	1967.26	0.52	ppb
Thallium	205-1	1949.81	2007.00	1951.72	1969.51	1.65	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	5.37	ppb
Tin	118-1	756.59	746.23	741.85	748.22	1.01	ppb
Titanium	47-1	200.52	201.56	199.10	200.39	0.62	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	23.04	ppb
Vanadium	51-2	314.37	312.67	313.15	313.40	0.28	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	K1777-01MSD	Instrumnet Name :	P7
Client Sample ID :	390219017.0MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 16:11:10	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	229.77	236.58	234.09	233.48	1.48	ppb
Zirconium	90-1	0.22	0.22	0.21	0.22	3.00	ppb
Zirconium	91-1	0.49	0.47	0.48	0.48	1.65	ppb

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	K1777-01A	Instrumnet Name :	P7
Client Sample ID :	390219017.0A	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 16:14:48	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1845.33	1845.87	1869.29	1853.50	0.74	ppb
Antimony	121-1	832.19	830.23	830.09	830.84	0.14	ppb
Arsenic	75-1	763.43	779.18	762.26	768.29	1.23	ppb
Barium	135-1	202.61	205.77	203.15	203.84	0.83	ppb
Barium	137-1	202.71	206.30	207.62	205.54	1.24	ppb
Beryllium	9-1	199.59	199.90	196.37	198.62	0.98	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Boron	10-1	302.40	317.34	316.61	312.12	2.70	ppb
Boron	11-1	304.18	318.14	319.00	313.77	2.65	ppb
Cadmium	111-1	205.98	207.81	208.87	207.55	0.70	ppb
Cadmium	106-1	180.77	176.72	175.90	177.80	1.47	ppb
Cadmium	108-1	187.61	192.25	190.13	190.00	1.22	ppb
Calcium	43-1	1151.83	1180.18	1153.69	1161.90	1.36	ppb
Calcium	44-1	1080.46	1083.43	1094.57	1086.15	0.68	ppb
Chromium	52-2	407.89	407.30	410.43	408.54	0.41	ppb
Cobalt	59-2	208.25	210.46	212.34	210.35	0.97	ppb
Copper	63-2	331.87	328.74	336.66	332.42	1.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	3231.15	3239.33	3229.87	3233.45	0.16	ppb
Iron	57-2	3210.13	3181.28	3235.92	3209.11	0.85	ppb
Krypton	83-1						cps
Lead	206-1	952.62	937.80	976.98	955.80	2.07	ppb
Lead	207-1	921.33	917.62	939.46	926.14	1.26	ppb
Lead	208-1	939.89	938.09	950.90	942.96	0.74	ppb
Lithium	6-1				101		%
Magnesium	24-2	2066.39	2073.74	2074.86	2071.66	0.22	ppb

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	K1777-01A	Instrumnet Name :	P7
Client Sample ID :	390219017.0A	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 16:14:48	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	206.23	204.05	208.46	206.25	1.07	ppb
Molybdenum	94-1	270.03	267.66	271.95	269.88	0.80	ppb
Molybdenum	95-1	381.72	375.28	376.65	377.89	0.90	ppb
Molybdenum	96-1	369.37	360.38	366.17	365.31	1.25	ppb
Molybdenum	97-1	379.49	373.37	382.79	378.55	1.26	ppb
Molybdenum	98-1	382.29	372.28	379.97	378.18	1.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	548.12	542.16	544.51	544.93	0.55	ppb
Phosphorus	31-2	5723.14	5738.39	5749.46	5737.00	0.23	ppb
Potassium	39-2	9278.25	9374.60	9472.92	9375.26	1.04	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	2078.26	2095.26	2138.49	2104.00	1.48	ppb
Selenium	78-2	2064.43	2086.64	2076.67	2075.92	0.54	ppb
Selenium	82-1	1998.24	1987.94	2014.54	2000.24	0.67	ppb
Silicon	28-1	964.26	971.53	949.36	961.72	1.17	ppb
Silver	109-1	79.40	79.78	80.29	79.82	0.56	ppb
Silver	107-1	79.46	79.86	79.66	79.66	0.26	ppb
Sodium	23-2	3030.36	3048.46	3041.32	3040.05	0.30	ppb
Strontium	86-1	165.16	164.19	166.74	165.36	0.78	ppb
Strontium	88-1	169.35	168.64	168.06	168.69	0.38	ppb
Sulfur	34-1	-601.85	-629.47	-692.54	-641.29		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	1857.43	1891.55	1908.86	1885.95	1.39	ppb
Thallium	205-1	1890.93	1851.12	1928.09	1890.05	2.04	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	13.54	ppb
Tin	118-1	744.30	736.75	738.35	739.80	0.54	ppb
Titanium	47-1	202.19	201.19	198.70	200.69	0.90	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	33.25	ppb
Vanadium	51-2	297.76	299.20	300.91	299.29	0.53	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	K1777-01A	Instrumnet Name :	P7
Client Sample ID :	390219017.0A	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 16:14:48	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	221.76	224.01	230.89	225.55	2.11	ppb
Zirconium	90-1	0.19	0.20	0.19	0.20	2.57	ppb
Zirconium	91-1	0.45	0.45	0.48	0.46	3.73	ppb

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P7
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 16:18:33	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52152.11	53223.00	51496.05	52290.38	1.67	ppb
Antimony	121-1	477.41	487.87	481.49	482.26	1.09	ppb
Arsenic	75-1	454.69	456.44	448.49	453.21	0.92	ppb
Barium	135-1	2594.20	2604.98	2555.34	2584.84	1.01	ppb
Barium	137-1	2542.70	2581.46	2529.31	2551.15	1.06	ppb
Beryllium	9-1	536.28	534.79	533.95	535.01	0.22	ppb
Bismuth	209-1				81		%
Bismuth	209-2				79		%
Boron	10-1	487.21	506.47	511.99	501.89	2.59	ppb
Boron	11-1	499.35	508.98	516.63	508.32	1.70	ppb
Cadmium	111-1	512.91	517.06	511.27	513.74	0.58	ppb
Cadmium	106-1	527.64	528.04	527.62	527.77	0.05	ppb
Cadmium	108-1	516.19	527.74	525.53	523.16	1.17	ppb
Calcium	43-1	242754.10	244455.69	237941.10	241716.97	1.40	ppb
Calcium	44-1	240331.94	243004.55	238410.64	240582.38	0.96	ppb
Chromium	52-2	499.30	508.69	500.83	502.94	1.00	ppb
Cobalt	59-2	487.19	496.43	486.98	490.20	1.10	ppb
Copper	63-2	977.34	989.20	961.52	976.02	1.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				95		%
Indium	115-1				90		%
Indium	115-2				92		%
Iron	56-2	127031.65	128108.30	126899.98	127346.65	0.52	ppb
Iron	57-2	126071.21	127911.94	125048.12	126343.76	1.15	ppb
Krypton	83-1						cps
Lead	206-1	516.38	518.28	518.29	517.65	0.21	ppb
Lead	207-1	511.43	519.18	508.54	513.05	1.07	ppb
Lead	208-1	516.09	517.43	515.24	516.25	0.21	ppb
Lithium	6-1				96		%
Magnesium	24-2	247105.00	251967.18	249947.57	249673.25	0.98	ppb

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P7
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 16:18:33	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	994.06	1011.02	999.85	1001.64	0.86	ppb
Molybdenum	94-1	2529.25	2486.90	2478.76	2498.30	1.09	ppb
Molybdenum	95-1	2523.22	2492.99	2468.79	2495.00	1.09	ppb
Molybdenum	96-1	2532.48	2510.36	2487.52	2510.12	0.90	ppb
Molybdenum	97-1	2530.09	2514.97	2484.64	2509.90	0.92	ppb
Molybdenum	98-1	2542.90	2536.95	2501.47	2527.11	0.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	469.61	473.50	465.10	469.41	0.90	ppb
Phosphorus	31-2	10038.34	10045.87	9876.01	9986.74	0.96	ppb
Potassium	39-2	119806.27	121517.68	120055.03	120459.66	0.77	ppb
Rhodium	103-1				85		%
Rhodium	103-2				85		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	77-2	591.52	564.19	570.82	575.51	2.48	ppb
Selenium	78-2	574.80	567.76	552.97	565.17	1.97	ppb
Selenium	82-1	545.82	540.55	545.42	543.93	0.54	ppb
Silicon	28-1	502.68	506.97	497.55	502.40	0.94	ppb
Silver	109-1	499.19	505.97	500.84	502.00	0.70	ppb
Silver	107-1	502.73	510.50	506.39	506.54	0.77	ppb
Sodium	23-2	249777.99	248483.51	247720.02	248660.50	0.42	ppb
Strontium	86-1	495.47	499.13	497.73	497.44	0.37	ppb
Strontium	88-1	512.90	502.24	502.20	505.78	1.22	ppb
Sulfur	34-1	9968.93	10000.66	9738.90	9902.83	1.44	ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	527.77	529.10	522.38	526.42	0.68	ppb
Thallium	205-1	525.83	529.38	517.00	524.07	1.22	ppb
Thorium	232-1	530.10	524.23	532.44	528.92	0.80	ppb
Tin	118-1	494.50	506.62	497.57	499.56	1.26	ppb
Titanium	47-1	2515.86	2517.06	2487.02	2506.65	0.68	ppb
Uranium	238-1	531.54	528.70	531.52	530.59	0.31	ppb
Vanadium	51-2	505.66	512.22	505.64	507.84	0.75	ppb
Yttrium	89-1				97		%
Yttrium	89-2				98		%

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P7
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 16:18:33	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	971.32	977.35	963.29	970.65	0.73	ppb
Zirconium	90-1	505.68	506.82	498.26	503.59	0.92	ppb
Zirconium	91-1	494.39	496.64	488.11	493.05	0.90	ppb

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P7
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 16:22:17	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.98	2.15	1.51	1.88	17.84	ppb
Antimony	121-1	0.26	0.26	0.26	0.26	0.35	ppb
Arsenic	75-1	0.14	0.16	0.08	0.13	31.64	ppb
Barium	135-1	0.21	0.16	0.14	0.17	19.71	ppb
Barium	137-1	0.20	0.14	0.14	0.16	19.84	ppb
Beryllium	9-1	0.07	0.07	0.06	0.07	3.86	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	27.61	25.57	24.02	25.73	7.00	ppb
Boron	11-1	27.41	24.79	23.66	25.29	7.61	ppb
Cadmium	111-1	0.14	0.07	0.07	0.09	42.88	ppb
Cadmium	106-1	0.93	0.14	0.31	0.46	90.45	ppb
Cadmium	108-1	0.12	0.09	0.13	0.11	21.73	ppb
Calcium	43-1	22.77	15.45	14.53	17.58	25.66	ppb
Calcium	44-1	25.27	22.97	19.91	22.71	11.84	ppb
Chromium	52-2	0.06	0.03	0.02	0.04	49.83	ppb
Cobalt	59-2	0.02	0.02	0.01	0.01	29.14	ppb
Copper	63-2	0.08	0.07	0.07	0.07	3.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	5.00	4.48	3.96	4.48	11.58	ppb
Iron	57-2	5.01	4.79	3.89	4.56	13.02	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.06	0.06	0.06	12.56	ppb
Lead	207-1	0.07	0.07	0.06	0.07	7.39	ppb
Lead	208-1	0.07	0.07	0.06	0.07	10.43	ppb
Lithium	6-1				107		%
Magnesium	24-2	9.75	8.24	8.14	8.71	10.35	ppb

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P7
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 16:22:17	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	0.05	0.04	0.04	10.41	ppb
Molybdenum	94-1	0.40	0.38	0.31	0.37	13.08	ppb
Molybdenum	95-1	0.49	0.40	0.34	0.41	17.37	ppb
Molybdenum	96-1	0.52	0.40	0.36	0.43	18.90	ppb
Molybdenum	97-1	0.49	0.44	0.40	0.45	10.32	ppb
Molybdenum	98-1	0.49	0.40	0.35	0.41	17.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.03	0.03	0.03	18.00	ppb
Phosphorus	31-2	-26.57	-22.92	-27.59	-25.69		ppb
Potassium	39-2	26.41	27.72	25.66	26.60	3.92	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	77-2	0.07	-0.03	-0.03	0.00		ppb
Selenium	78-2	0.40	0.71	-0.02	0.36	101.90	ppb
Selenium	82-1	0.03	0.11	0.09	0.08	60.13	ppb
Silicon	28-1	3.62	3.36	3.43	3.47	3.94	ppb
Silver	109-1	0.06	0.06	0.05	0.06	13.27	ppb
Silver	107-1	0.06	0.06	0.05	0.06	8.69	ppb
Sodium	23-2	37.36	36.55	34.40	36.11	4.25	ppb
Strontium	86-1	0.04	0.02	0.04	0.03	44.32	ppb
Strontium	88-1	0.04	0.04	0.03	0.04	10.37	ppb
Sulfur	34-1	-235.89	-207.00	-149.62	-197.50		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.20	0.18	0.19	0.19	4.24	ppb
Thallium	205-1	0.20	0.19	0.20	0.20	2.99	ppb
Thorium	232-1	0.08	0.07	0.06	0.07	14.29	ppb
Tin	118-1	0.18	0.18	0.15	0.17	8.18	ppb
Titanium	47-1	0.19	0.23	0.15	0.19	21.13	ppb
Uranium	238-1	0.04	0.03	0.02	0.03	22.67	ppb
Vanadium	51-2	0.03	0.02	0.02	0.02	16.59	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P7
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 16:22:17	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.07	0.07	0.07	0.07	4.46	ppb
Zirconium	90-1	0.04	0.05	0.05	0.05	8.85	ppb
Zirconium	91-1	0.05	0.04	0.04	0.05	16.61	ppb

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 14:35:26	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	75	58	72	17.62	cps
Antimony	121-1	192	158	175	175	9.53	cps
Arsenic	75-1	-3794	-3536	-3164	-3498	-9.06	cps
Barium	135-1	33	33	33	33	0.00	cps
Barium	137-1	67	75	108	83	26.46	cps
Beryllium	9-1	83	93	70	82	14.24	cps
Bismuth	209-1	22461816	22431908	22111289	22335004	0.87	cps
Bismuth	209-2	12424318	12692989	12665306	12594204	1.17	cps
Boron	10-1	817	792	833	814	2.58	cps
Boron	11-1	3884	3492	3767	3715	5.41	cps
Cadmium	111-1	6309	6316	5934	6186	3.53	cps
Cadmium	106-1	8945	8936	8461	8781	3.15	cps
Cadmium	108-1	33	21	38	31	28.39	cps
Calcium	43-1	275	342	367	328	14.46	cps
Calcium	44-1	56411	54789	55450	55550	1.47	cps
Chromium	52-2	4744	4841	4824	4803	1.08	cps
Cobalt	59-2	210	223	310	248	21.91	cps
Copper	63-2	1277	1473	1203	1318	10.60	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	3	7	10	7	50.03	cps
Erbium	164-1	158	117	75	117	35.72	cps
Erbium	164-2	47	23	37	36	32.93	cps
Gadolinium	160-1	117	92	158	122	27.56	cps
Gadolinium	160-2	400	457	433	430	6.62	cps
Holmium	165-1	32270608	31622772	31706521	31866633	1.11	cps
Holmium	165-2	16992116	17009434	17049326	17016958	0.17	cps
Indium	115-1	23515806	24042996	23797188	23785330	1.11	cps
Indium	115-2	5573990	5622249	5633527	5609922	0.56	cps
Iron	56-2	11833	12250	11627	11903	2.67	cps
Iron	57-2	344	261	361	322	16.63	cps
Krypton	83-1	1587	1717	1697	1667	4.20	cps
Lead	206-1	1500	1572	1589	1554	3.04	cps
Lead	207-1	1361	1272	1483	1372	7.72	cps
Lead	208-1	6440	6023	6312	6258	3.41	cps
Lithium	6-1	7209950	7229848	7219407	7219735	0.14	cps
Magnesium	24-2	167	200	283	217	27.73	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 14:35:26	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	67	77	73	72	7.05	cps
Molybdenum	94-1	558	667	467	564	17.76	cps
Molybdenum	95-1	175	158	200	178	11.80	cps
Molybdenum	96-1	425	242	375	347	27.29	cps
Molybdenum	97-1	100	142	83	108	27.74	cps
Molybdenum	98-1	283	342	275	300	12.11	cps
Neodymium	150-1	20	0	0	7	173.21	cps
Neodymium	150-2	3	10	3	6	69.34	cps
Nickel	60-2	147	147	93	129	23.89	cps
Phosphorus	31-2	400	350	425	392	9.75	cps
Potassium	39-2	33413	34316	33338	33689	1.61	cps
Rhodium	103-1	22578995	22513853	22425179	22506009	0.34	cps
Rhodium	103-2	12205531	12241070	12087278	12177960	0.66	cps
Scandium	45-1	14461922	14356678	14508020	14442207	0.54	cps
Scandium	45-2	850772	861854	860997	857874	0.72	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	200	170	144	172	16.20	cps
Selenium	82-1	185	-34	-23	43	288.09	cps
Silicon	28-1	456805	457897	458211	457638	0.16	cps
Silver	109-1	100	167	200	156	32.73	cps
Silver	107-1	275	267	275	272	1.77	cps
Sodium	23-2	24145	24446	24637	24409	1.02	cps
Strontium	86-1	2684	2800	2592	2692	3.88	cps
Strontium	88-1	308	258	242	269	12.88	cps
Sulfur	34-1	431243	433244	424126	429538	1.12	cps
Terbium	159-1	32855855	32653812	32643349	32717672	0.37	cps
Terbium	159-2	17032743	17097990	17067141	17065958	0.19	cps
Thallium	203-1	1033	1250	1017	1100	11.83	cps
Thallium	205-1	2209	2634	2492	2445	8.85	cps
Thorium	232-1	1528	1511	1389	1476	5.14	cps
Tin	118-1	1133	1158	1200	1164	2.89	cps
Titanium	47-1	567	458	492	506	10.98	cps
Uranium	238-1	200	200	208	203	2.37	cps
Vanadium	51-2	0	17	30	16	96.62	cps
Yttrium	89-1	23161681	23756220	23177117	23365006	1.45	cps
Yttrium	89-2	4221372	4276676	4204799	4234282	0.89	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 14:35:26	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	473	580	590	548	11.80	cps
Zirconium	90-1	1358	1383	1550	1431	7.28	cps
Zirconium	91-1	242	242	292	258	11.17	cps

LB Number : LB101274 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-08 14:43:54 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6743	6910	7035	6896	2.12	cps
Antimony	121-1	43109	43937	43285	43443	1.00	cps
Arsenic	75-1	1525	1161	1850	1512	22.79	cps
Barium	135-1	59939	58960	58835	59244	1.02	cps
Barium	137-1	103460	102184	105416	103686	1.57	cps
Beryllium	9-1	6395	6191	6028	6205	2.96	cps
Bismuth	209-1	22101842	22455974	22527489	22361768	1.02	cps
Bismuth	209-2	11865050	12201882	12506986	12191306	2.63	cps
Boron	10-1	29689	30122	31909	30574	3.85	cps
Boron	11-1	136186	140641	146455	141094	3.65	cps
Cadmium	111-1	13495	13186	13524	13402	1.40	cps
Cadmium	106-1	9337	9203	9804	9448	3.34	cps
Cadmium	108-1	608	488	558	551	11.01	cps
Calcium	43-1	38284	38150	38025	38153	0.34	cps
Calcium	44-1	672782	665423	673326	670510	0.66	cps
Chromium	52-2	23118	24561	24450	24043	3.34	cps
Cobalt	59-2	15111	16102	15568	15594	3.18	cps
Copper	63-2	23035	23983	24307	23775	2.78	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	83	75	108	89	19.52	cps
Erbium	164-2	37	67	53	52	28.78	cps
Gadolinium	160-1	133	283	133	183	47.24	cps
Gadolinium	160-2	410	447	443	433	4.68	cps
Holmium	165-1	31950554	32243559	32897884	32363999	1.50	cps
Holmium	165-2	16084799	16448036	16789636	16440823	2.14	cps
Indium	115-1	23803078	23741185	23553965	23699409	0.55	cps
Indium	115-2	5371972	5536383	5669982	5526112	2.70	cps
Iron	56-2	440367	461401	468173	456647	3.18	cps
Iron	57-2	11116	11544	12417	11692	5.67	cps
Krypton	83-1	1427	1657	1613	1566	7.81	cps
Lead	206-1	24668	23744	25135	24516	2.89	cps
Lead	207-1	21117	20884	21223	21075	0.82	cps
Lead	208-1	97542	96586	98539	97556	1.00	cps
Lithium	6-1	7350333	7334864	7324927	7336708	0.17	cps
Magnesium	24-2	385961	405855	419095	403637	4.13	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 14:43:54	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5858	6401	6392	6217	5.00	cps
Molybdenum	94-1	50816	51210	50657	50895	0.56	cps
Molybdenum	95-1	63325	63333	62203	62954	1.03	cps
Molybdenum	96-1	71052	69437	69755	70081	1.22	cps
Molybdenum	97-1	38854	39180	39280	39105	0.57	cps
Molybdenum	98-1	101293	101578	103712	102194	1.29	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	4027	4524	4434	4328	6.12	cps
Phosphorus	31-2	1450	1342	1642	1478	10.28	cps
Potassium	39-2	394107	404774	413933	404272	2.45	cps
Rhodium	103-1	22783654	22540258	22399000	22574304	0.86	cps
Rhodium	103-2	11520011	11806677	12023809	11783499	2.14	cps
Scandium	45-1	14554841	14393695	14548254	14498930	0.63	cps
Scandium	45-2	812485	844627	862130	839747	3.00	cps
Selenium	77-2	173	190	163	176	7.67	cps
Selenium	78-2	717	846	819	794	8.60	cps
Selenium	82-1	3105	3101	3024	3077	1.47	cps
Silicon	28-1	614614	614041	611781	613479	0.24	cps
Silver	109-1	36949	35454	35320	35908	2.52	cps
Silver	107-1	36690	37301	37250	37080	0.91	cps
Sodium	23-2	733687	773404	784147	763746	3.48	cps
Strontium	86-1	10554	10204	10563	10440	1.96	cps
Strontium	88-1	68875	68330	68154	68453	0.55	cps
Sulfur	34-1	434728	425896	428371	429665	1.06	cps
Terbium	159-1	32780266	33185246	32844583	32936698	0.66	cps
Terbium	159-2	16034834	16654408	16700014	16463085	2.26	cps
Thallium	203-1	28982	29442	28440	28955	1.73	cps
Thallium	205-1	70446	68846	70706	69999	1.44	cps
Thorium	232-1	92706	93054	91061	92274	1.15	cps
Tin	118-1	108299	112936	109232	110155	2.23	cps
Titanium	47-1	18454	19180	18320	18651	2.48	cps
Uranium	238-1	88447	92449	88959	89952	2.42	cps
Vanadium	51-2	36816	39369	39630	38605	4.03	cps
Yttrium	89-1	23560546	23706868	23799771	23689062	0.51	cps
Yttrium	89-2	4042982	4156714	4223598	4141098	2.21	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 14:43:54	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4054	4277	4364	4232	3.78	cps
Zirconium	90-1	42155	41236	40801	41397	1.67	cps
Zirconium	91-1	9137	9245	8736	9039	2.96	cps

LB Number : LB101274 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-08 14:47:50 DataFile Name : 006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	373246	366867	371098	370404	0.88	cps
Antimony	121-1	1201168	1191664	1182534	1191789	0.78	cps
Arsenic	75-1	294830	298983	295267	296360	0.77	cps
Barium	135-1	1561930	1591194	1574487	1575870	0.93	cps
Barium	137-1	2721958	2741624	2712052	2725211	0.55	cps
Beryllium	9-1	332735	325716	328320	328924	1.08	cps
Bismuth	209-1	22149421	22370778	22373048	22297749	0.58	cps
Bismuth	209-2	12081579	12205288	12020642	12102503	0.78	cps
Boron	10-1	65150	63902	66958	65336	2.35	cps
Boron	11-1	297151	297609	301973	298911	0.89	cps
Cadmium	111-1	398002	396327	399235	397855	0.37	cps
Cadmium	106-1	50458	50608	50750	50605	0.29	cps
Cadmium	108-1	28859	29431	28638	28976	1.41	cps
Calcium	43-1	406741	408914	405508	407055	0.42	cps
Calcium	44-1	6540971	6516395	6506788	6521385	0.27	cps
Chromium	52-2	504060	514183	509185	509143	0.99	cps
Cobalt	59-2	832397	834880	825841	831039	0.56	cps
Copper	63-2	1201525	1190541	1193650	1195238	0.47	cps
Dysprosium	156-1	58	50	17	42	52.91	cps
Dysprosium	156-2	23	30	27	27	12.51	cps
Erbium	164-1	75	92	142	103	33.76	cps
Erbium	164-2	70	60	40	57	26.96	cps
Gadolinium	160-1	183	175	158	172	7.39	cps
Gadolinium	160-2	433	417	500	450	9.80	cps
Holmium	165-1	32449804	32321487	32000031	32257107	0.72	cps
Holmium	165-2	16660176	16617610	16565337	16614374	0.29	cps
Indium	115-1	23275760	22870293	23180183	23108745	0.92	cps
Indium	115-2	5508680	5494572	5579637	5527629	0.82	cps
Iron	56-2	23114014	22841208	22653078	22869434	1.01	cps
Iron	57-2	552457	555528	555147	554377	0.30	cps
Krypton	83-1	1550	1647	1557	1585	3.41	cps
Lead	206-1	1279070	1281498	1267305	1275957	0.59	cps
Lead	207-1	1131154	1150256	1144643	1142018	0.86	cps
Lead	208-1	5132156	5136636	5130114	5132969	0.06	cps
Lithium	6-1	7185095	7155775	7137013	7159295	0.34	cps
Magnesium	24-2	4262633	4179994	4294113	4245580	1.39	cps

LB Number : LB101274 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-08 14:47:50 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	625361	627095	624493	625650	0.21	cps
Molybdenum	94-1	2712651	2717164	2737082	2722299	0.48	cps
Molybdenum	95-1	3456383	3389055	3435098	3426846	1.00	cps
Molybdenum	96-1	3802637	3795750	3769581	3789322	0.46	cps
Molybdenum	97-1	2131082	2131248	2133677	2132002	0.07	cps
Molybdenum	98-1	5516941	5480889	5544022	5513951	0.57	cps
Neodymium	150-1	120	107	107	111	6.93	cps
Neodymium	150-2	13	7	17	12	41.65	cps
Nickel	60-2	218826	217735	219676	218745	0.44	cps
Phosphorus	31-2	23102	23419	23177	23233	0.71	cps
Potassium	39-2	2001662	1997321	2012636	2003873	0.39	cps
Rhodium	103-1	21855809	22002192	21669473	21842491	0.76	cps
Rhodium	103-2	11703787	11630595	11706562	11680315	0.37	cps
Scandium	45-1	14108831	14124344	14104229	14112468	0.07	cps
Scandium	45-2	826299	830524	832108	829644	0.36	cps
Selenium	77-2	1817	1813	1954	1861	4.29	cps
Selenium	78-2	6196	6077	5848	6040	2.93	cps
Selenium	82-1	29754	29581	29552	29629	0.37	cps
Silicon	28-1	1422838	1431909	1446458	1433735	0.83	cps
Silver	109-1	1892915	1886123	1893164	1890734	0.21	cps
Silver	107-1	1960159	1954940	1961514	1958871	0.18	cps
Sodium	23-2	7929292	7924935	7948691	7934306	0.16	cps
Strontium	86-1	480631	478423	485301	481452	0.73	cps
Strontium	88-1	4143888	4125439	4198431	4155919	0.91	cps
Sulfur	34-1	564795	562027	560757	562526	0.37	cps
Terbium	159-1	32821909	32675896	33140216	32879340	0.72	cps
Terbium	159-2	16604306	16559670	16753359	16639112	0.61	cps
Thallium	203-1	1569359	1579498	1562013	1570290	0.56	cps
Thallium	205-1	3795623	3821763	3803828	3807071	0.35	cps
Thorium	232-1	5210652	5215180	5225989	5217274	0.15	cps
Tin	118-1	1143922	1121215	1117568	1127568	1.27	cps
Titanium	47-1	923508	921028	917048	920528	0.35	cps
Uranium	238-1	5129818	5179745	5108404	5139322	0.71	cps
Vanadium	51-2	393969	401660	393748	396459	1.14	cps
Yttrium	89-1	22947003	22960044	23094452	23000500	0.35	cps
Yttrium	89-2	4133695	4129617	4118451	4127254	0.19	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 14:47:50	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	187763	188808	187604	188059	0.35	cps
Zirconium	90-1	2163516	2153592	2183199	2166769	0.70	cps
Zirconium	91-1	483641	479938	481307	481629	0.39	cps

LB Number : LB101274 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
Aluminium	27-2	863465	879343	875212	872673	0.94	cps
Antimony	121-1	2870787	2914778	2913417	2899661	0.86	cps
Arsenic	75-1	712534	719268	713164	714989	0.52	cps
Barium	135-1	3762719	3801300	3852239	3805419	1.18	cps
Barium	137-1	6616278	6526093	6545488	6562620	0.72	cps
Beryllium	9-1	774447	765446	765215	768370	0.69	cps
Bismuth	209-1	21546108	21702432	21699378	21649306	0.41	cps
Bismuth	209-2	11837734	11935379	11957185	11910099	0.53	cps
Boron	10-1	150332	153591	153793	152572	1.27	cps
Boron	11-1	692903	707133	712261	704099	1.42	cps
Cadmium	111-1	940466	950226	949799	946830	0.58	cps
Cadmium	106-1	107070	108322	108968	108120	0.89	cps
Cadmium	108-1	69290	69277	70617	69728	1.10	cps
Calcium	43-1	958822	965744	952532	959033	0.69	cps
Calcium	44-1	15403822	15537022	15455639	15465494	0.43	cps
Chromium	52-2	1199941	1212838	1207635	1206805	0.54	cps
Cobalt	59-2	1958943	1995149	1960733	1971608	1.04	cps
Copper	63-2	2810441	2857089	2817776	2828435	0.89	cps
Dysprosium	156-1	50	83	58	64	27.15	cps
Dysprosium	156-2	63	40	80	61	32.88	cps
Erbium	164-1	100	133	75	103	28.48	cps
Erbium	164-2	43	47	50	47	7.15	cps
Gadolinium	160-1	183	192	167	181	7.05	cps
Gadolinium	160-2	323	353	420	366	13.54	cps
Holmium	165-1	31613323	31881597	31306490	31600470	0.91	cps
Holmium	165-2	16293552	16256515	16354554	16301541	0.30	cps
Indium	115-1	22493649	22529059	22444796	22489168	0.19	cps
Indium	115-2	5344803	5296494	5378690	5339995	0.77	cps
Iron	56-2	54128389	54690210	53750133	54189577	0.87	cps
Iron	57-2	1324291	1328761	1315986	1323013	0.49	cps
Krypton	83-1	1547	1583	1700	1610	4.97	cps
Lead	206-1	3080133	3073370	3118632	3090712	0.79	cps
Lead	207-1	2702581	2798864	2806641	2769362	2.09	cps
Lead	208-1	12305711	12448626	12531930	12428756	0.92	cps
Lithium	6-1	6870798	6850619	6821525	6847647	0.36	cps
Magnesium	24-2	10109406	10109936	10006503	10075282	0.59	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 14:52:00	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1495323	1506545	1497640	1499836	0.39	cps
Molybdenum	94-1	6448208	6435611	6453083	6445634	0.14	cps
Molybdenum	95-1	8072486	7996569	8068252	8045769	0.53	cps
Molybdenum	96-1	9033559	8905116	9032721	8990465	0.82	cps
Molybdenum	97-1	5071098	5090828	5113402	5091776	0.42	cps
Molybdenum	98-1	13278309	13108732	13255775	13214272	0.70	cps
Neodymium	150-1	193	240	253	229	13.76	cps
Neodymium	150-2	20	17	10	16	32.73	cps
Nickel	60-2	517003	517426	517150	517193	0.04	cps
Phosphorus	31-2	53681	53305	51674	52887	2.02	cps
Potassium	39-2	4643687	4699620	4657629	4666978	0.62	cps
Rhodium	103-1	21186141	20930122	20979337	21031866	0.65	cps
Rhodium	103-2	11183773	11339281	11118406	11213820	1.01	cps
Scandium	45-1	13563216	13648429	13442914	13551520	0.76	cps
Scandium	45-2	788087	790727	795705	791507	0.49	cps
Selenium	77-2	3957	4061	4157	4058	2.47	cps
Selenium	78-2	13716	14326	14144	14062	2.23	cps
Selenium	82-1	70722	70665	70166	70518	0.43	cps
Silicon	28-1	2821385	2871053	2908353	2866930	1.52	cps
Silver	109-1	4482948	4491084	4539148	4504393	0.67	cps
Silver	107-1	4691344	4659100	4630174	4660206	0.66	cps
Sodium	23-2	18987159	18783943	18759174	18843426	0.66	cps
Strontium	86-1	1133593	1153395	1146396	1144461	0.88	cps
Strontium	88-1	9946007	9940723	9929232	9938654	0.09	cps
Sulfur	34-1	736808	733011	726640	732153	0.70	cps
Terbium	159-1	32255150	32372655	32386925	32338244	0.22	cps
Terbium	159-2	16299167	16529025	16360617	16396270	0.73	cps
Thallium	203-1	3760756	3845668	3865934	3824119	1.46	cps
Thallium	205-1	9087872	9215567	8941811	9081750	1.51	cps
Thorium	232-1	12964663	12719215	12662413	12782097	1.26	cps
Tin	118-1	2660803	2717883	2770803	2716496	2.03	cps
Titanium	47-1	2177456	2190430	2167644	2178510	0.52	cps
Uranium	238-1	12744830	12554057	12716145	12671678	0.81	cps
Vanadium	51-2	943022	948812	933073	941636	0.85	cps
Yttrium	89-1	21888776	22128709	22146095	22054527	0.65	cps
Yttrium	89-2	3925782	3972449	3976944	3958392	0.72	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 14:52:00	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	434085	442840	437430	438118	1.01	cps
Zirconium	90-1	5209225	5296315	5245593	5250378	0.83	cps
Zirconium	91-1	1140108	1170700	1156266	1155691	1.32	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1743294	1759284	1753995	1752191	0.46	cps
Antimony	121-1	5764048	5667884	5836671	5756201	1.47	cps
Arsenic	75-1	1401603	1396099	1408111	1401938	0.43	cps
Barium	135-1	7630385	7358496	7475163	7488015	1.82	cps
Barium	137-1	13163807	13269647	13083889	13172448	0.71	cps
Beryllium	9-1	1492092	1480880	1499004	1490659	0.61	cps
Bismuth	209-1	21174845	21478878	20998110	21217277	1.15	cps
Bismuth	209-2	11562971	11614971	11674676	11617540	0.48	cps
Boron	10-1	292959	296559	310405	299974	3.07	cps
Boron	11-1	1350641	1356258	1413393	1373431	2.53	cps
Cadmium	111-1	1825032	1821866	1856040	1834313	1.03	cps
Cadmium	106-1	196745	197030	203967	199247	2.05	cps
Cadmium	108-1	134188	133771	136186	134715	0.96	cps
Calcium	43-1	1874212	1865726	1915106	1885014	1.40	cps
Calcium	44-1	30251384	29736859	30435415	30141219	1.20	cps
Chromium	52-2	2418588	2412458	2394252	2408433	0.53	cps
Cobalt	59-2	3952094	3934433	3935249	3940592	0.25	cps
Copper	63-2	5599235	5632828	5600533	5610865	0.34	cps
Dysprosium	156-1	117	125	67	103	30.70	cps
Dysprosium	156-2	143	100	123	122	17.75	cps
Erbium	164-1	108	142	117	122	14.19	cps
Erbium	164-2	37	53	43	44	18.87	cps
Gadolinium	160-1	192	250	158	200	23.20	cps
Gadolinium	160-2	370	393	350	371	5.84	cps
Holmium	165-1	30920620	31398838	31767493	31362317	1.35	cps
Holmium	165-2	16123209	16331306	16367789	16274101	0.81	cps
Indium	115-1	22000801	21923470	22041945	21988739	0.27	cps
Indium	115-2	5181470	5229681	5309140	5240097	1.23	cps
Iron	56-2	107984344	107827127	106705589	107505687	0.65	cps
Iron	57-2	2636424	2622585	2659052	2639353	0.70	cps
Krypton	83-1	1323	1367	1507	1399	6.85	cps
Lead	206-1	6187970	6152624	6151682	6164092	0.34	cps
Lead	207-1	5557596	5537233	5513538	5536123	0.40	cps
Lead	208-1	24759749	24695765	24630040	24695185	0.26	cps
Lithium	6-1	6613080	6648853	6664707	6642213	0.40	cps
Magnesium	24-2	19866275	20146730	20167533	20060179	0.84	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 14:55:48	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2986063	2996571	2984792	2989142	0.22	cps
Molybdenum	94-1	12767343	12706352	12759723	12744473	0.26	cps
Molybdenum	95-1	16172168	15889798	16105281	16055749	0.92	cps
Molybdenum	96-1	17664921	17574781	17724804	17654835	0.43	cps
Molybdenum	97-1	9933274	9913556	10041481	9962770	0.69	cps
Molybdenum	98-1	25765113	26198460	26085719	26016431	0.86	cps
Neodymium	150-1	467	493	427	462	7.26	cps
Neodymium	150-2	57	67	47	57	17.65	cps
Nickel	60-2	1028204	1025287	1040699	1031397	0.79	cps
Phosphorus	31-2	108275	108853	107671	108267	0.55	cps
Potassium	39-2	9218109	9339178	9321365	9292884	0.70	cps
Rhodium	103-1	20096525	20251163	20311679	20219789	0.55	cps
Rhodium	103-2	10942270	11047751	11052471	11014164	0.57	cps
Scandium	45-1	13131519	13174811	13269550	13191960	0.54	cps
Scandium	45-2	783881	789728	796515	790041	0.80	cps
Selenium	77-2	8192	8376	8436	8335	1.52	cps
Selenium	78-2	27521	28448	28313	28094	1.78	cps
Selenium	82-1	135795	136151	136584	136176	0.29	cps
Silicon	28-1	4228622	4279484	4346275	4284794	1.38	cps
Silver	109-1	8695856	8585382	8755747	8678995	1.00	cps
Silver	107-1	8998357	8862110	9015753	8958740	0.94	cps
Sodium	23-2	37591263	37785874	38046248	37807795	0.60	cps
Strontium	86-1	2246767	2222553	2302166	2257162	1.81	cps
Strontium	88-1	19658074	19535980	19824922	19672992	0.74	cps
Sulfur	34-1	1044652	1040422	1058510	1047861	0.90	cps
Terbium	159-1	31872052	31786290	31920045	31859462	0.21	cps
Terbium	159-2	15934657	16514479	16167541	16205559	1.80	cps
Thallium	203-1	7570683	7550070	7423156	7514637	1.06	cps
Thallium	205-1	18150979	18175269	18011338	18112528	0.49	cps
Thorium	232-1	25960978	25379128	25631004	25657037	1.14	cps
Tin	118-1	5332209	5418208	5462766	5404395	1.23	cps
Titanium	47-1	4319184	4265283	4336098	4306855	0.86	cps
Uranium	238-1	25678191	25109381	25868265	25551946	1.55	cps
Vanadium	51-2	1898282	1914328	1892740	1901783	0.59	cps
Yttrium	89-1	21829850	21834165	21709888	21791301	0.32	cps
Yttrium	89-2	3941079	3959824	3970244	3957049	0.37	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	863680	869555	863936	865724	0.38	cps
Zirconium	90-1	10259106	10139541	10225028	10207892	0.60	cps
Zirconium	91-1	2269169	2263909	2272649	2268576	0.19	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3547168	3510715	3520494	3526126	0.54	cps
Antimony	121-1	11348260	11564571	11427484	11446772	0.96	cps
Arsenic	75-1	2746359	2784099	2741794	2757417	0.84	cps
Barium	135-1	15020388	15093655	15045087	15053043	0.25	cps
Barium	137-1	26212014	26238927	26268143	26239695	0.11	cps
Beryllium	9-1	2900007	2916047	2909592	2908548	0.28	cps
Bismuth	209-1	20686847	20882256	20880922	20816675	0.54	cps
Bismuth	209-2	11428804	11421472	11378386	11409554	0.24	cps
Boron	10-1	598578	606851	615398	606943	1.39	cps
Boron	11-1	2755690	2826694	2854250	2812212	1.81	cps
Cadmium	111-1	3535399	3582929	3606576	3574968	1.01	cps
Cadmium	106-1	380436	383839	392502	385592	1.61	cps
Cadmium	108-1	257657	264564	264348	262189	1.50	cps
Calcium	43-1	3762192	3814590	3823282	3800022	0.87	cps
Calcium	44-1	61093347	61283468	60858349	61078388	0.35	cps
Chromium	52-2	4769260	4793473	4777220	4779984	0.26	cps
Cobalt	59-2	7810069	7756895	7714063	7760342	0.62	cps
Copper	63-2	10950233	10938717	10970907	10953286	0.15	cps
Dysprosium	156-1	200	100	183	161	33.26	cps
Dysprosium	156-2	267	277	290	278	4.22	cps
Erbium	164-1	117	158	92	122	27.56	cps
Erbium	164-2	57	57	67	60	9.62	cps
Gadolinium	160-1	258	283	125	222	38.30	cps
Gadolinium	160-2	377	387	420	394	5.75	cps
Holmium	165-1	32103828	31737974	31806647	31882816	0.61	cps
Holmium	165-2	16515294	16575222	16460190	16516902	0.35	cps
Indium	115-1	22228391	22317711	22181503	22242535	0.31	cps
Indium	115-2	5239496	5285121	5265100	5263239	0.43	cps
Iron	56-2	216732805	212834544	213419888	214329079	0.98	cps
Iron	57-2	5244543	5253507	5273866	5257305	0.29	cps
Krypton	83-1	1450	1360	1500	1437	4.94	cps
Lead	206-1	11899840	12056372	12141026	12032412	1.02	cps
Lead	207-1	10745266	10637471	10896388	10759708	1.21	cps
Lead	208-1	48161006	48415668	48790526	48455733	0.65	cps
Lithium	6-1	6674961	6675047	6691781	6680596	0.14	cps
Magnesium	24-2	40607364	40344559	39754699	40235541	1.09	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:03:20	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5929878	5940961	5954573	5941804	0.21	cps
Molybdenum	94-1	25707995	25954859	26135111	25932655	0.83	cps
Molybdenum	95-1	32306058	32665910	33024330	32665433	1.10	cps
Molybdenum	96-1	35636642	35805083	36103435	35848387	0.66	cps
Molybdenum	97-1	20239899	20229477	20370726	20280034	0.39	cps
Molybdenum	98-1	52302331	53032612	53011339	52782094	0.79	cps
Neodymium	150-1	953	793	787	844	11.17	cps
Neodymium	150-2	100	93	123	106	14.92	cps
Nickel	60-2	1987328	1991277	2001072	1993226	0.36	cps
Phosphorus	31-2	215091	209839	210474	211801	1.35	cps
Potassium	39-2	19141012	18817078	18683728	18880606	1.25	cps
Rhodium	103-1	20215317	20202447	20534087	20317284	0.92	cps
Rhodium	103-2	10911632	10961820	10964430	10945961	0.27	cps
Scandium	45-1	13372578	13260582	13473213	13368791	0.80	cps
Scandium	45-2	807499	809001	806833	807778	0.14	cps
Selenium	77-2	15936	15946	16156	16012	0.78	cps
Selenium	78-2	54372	54801	54539	54571	0.40	cps
Selenium	82-1	263209	266405	267598	265737	0.85	cps
Silicon	28-1	7977256	7947218	8073009	7999161	0.82	cps
Silver	109-1	16949308	17003452	16752864	16901875	0.78	cps
Silver	107-1	17369095	17458529	17475954	17434526	0.33	cps
Sodium	23-2	76775514	76576604	76333777	76561965	0.29	cps
Strontium	86-1	4503366	4465952	4611369	4526896	1.67	cps
Strontium	88-1	38910183	39630793	39925889	39488955	1.32	cps
Sulfur	34-1	1741297	1726733	1740235	1736088	0.47	cps
Terbium	159-1	32419044	32492762	32574704	32495503	0.24	cps
Terbium	159-2	16596871	16641464	16651034	16629790	0.17	cps
Thallium	203-1	14966120	14886116	14867926	14906721	0.35	cps
Thallium	205-1	35840406	35811255	36282931	35978197	0.73	cps
Thorium	232-1	51322278	51604155	51049233	51325222	0.54	cps
Tin	118-1	10728200	10798822	10709421	10745481	0.44	cps
Titanium	47-1	8603762	8625600	8633341	8620901	0.18	cps
Uranium	238-1	50932340	51059322	50749586	50913749	0.31	cps
Vanadium	51-2	3813632	3815614	3829560	3819602	0.23	cps
Yttrium	89-1	21944618	22139385	22361460	22148487	0.94	cps
Yttrium	89-2	3982279	4009883	4063093	4018418	1.02	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1659043	1666966	1673309	1666439	0.43	cps
Zirconium	90-1	20623932	20738887	21038988	20800602	1.03	cps
Zirconium	91-1	4577069	4559272	4679103	4605148	1.40	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:07:06	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7084723	7191323	7209289	7161778	0.94	cps
Antimony	121-1	22160377	22492585	22363089	22338683	0.75	cps
Arsenic	75-1	5444266	5406667	5447070	5432668	0.42	cps
Barium	135-1	30006262	29958284	29875244	29946597	0.22	cps
Barium	137-1	52237838	52954126	52145426	52445797	0.84	cps
Beryllium	9-1	5622315	5615221	5651443	5629659	0.34	cps
Bismuth	209-1	18189375	20229981	20308136	19575831	6.14	cps
Bismuth	209-2	10923620	11036988	10934523	10965044	0.57	cps
Boron	10-1	1171757	1182419	1221414	1191863	2.19	cps
Boron	11-1	5497458	5558908	5651460	5569275	1.39	cps
Cadmium	111-1	6903220	6909118	6949577	6920638	0.36	cps
Cadmium	106-1	727767	723255	735401	728807	0.84	cps
Cadmium	108-1	501903	505866	504554	504107	0.40	cps
Calcium	43-1	7678498	7564387	7696292	7646392	0.94	cps
Calcium	44-1	124621953	123770578	123041657	123811396	0.64	cps
Chromium	52-2	9590276	9646561	9681654	9639497	0.48	cps
Cobalt	59-2	15312069	15415206	15479067	15402114	0.55	cps
Copper	63-2	21172325	21310335	21271379	21251346	0.33	cps
Dysprosium	156-1	458	358	467	428	14.09	cps
Dysprosium	156-2	473	500	473	482	3.19	cps
Erbium	164-1	175	108	125	136	25.49	cps
Erbium	164-2	73	77	50	67	21.80	cps
Gadolinium	160-1	158	225	325	236	35.53	cps
Gadolinium	160-2	317	417	450	394	17.59	cps
Holmium	165-1	29653310	31358225	31986954	30999496	3.90	cps
Holmium	165-2	16413271	16740111	16501386	16551590	1.02	cps
Indium	115-1	19652872	21370915	21692232	20905340	5.25	cps
Indium	115-2	5032967	5150369	5097999	5093778	1.15	cps
Iron	56-2	428946810	433671754	434305443	432308002	0.68	cps
Iron	57-2	10432063	10455019	10566654	10484579	0.69	cps
Krypton	83-1	1550	1423	1577	1517	5.40	cps
Lead	206-1	23584237	23338155	23564282	23495558	0.58	cps
Lead	207-1	21276830	20994430	21205883	21159048	0.69	cps
Lead	208-1	95560208	94688460	95857833	95368834	0.64	cps
Lithium	6-1	6162611	6626108	6769708	6519475	4.87	cps
Magnesium	24-2	80751933	81798435	82048414	81532928	0.84	cps

LB Number : LB101274 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-08 15:07:06 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	11860301	11950100	11943785	11918062	0.42	cps
Molybdenum	94-1	51809290	52359436	52346419	52171715	0.60	cps
Molybdenum	95-1	65633295	64386299	65412072	65143889	1.02	cps
Molybdenum	96-1	71384372	71911987	72914722	72070361	1.08	cps
Molybdenum	97-1	40834748	40332975	40797591	40655104	0.69	cps
Molybdenum	98-1	105168877	106094665	105480904	105581482	0.45	cps
Neodymium	150-1	1653	1560	2087	1767	15.91	cps
Neodymium	150-2	190	203	237	210	11.44	cps
Nickel	60-2	3867611	3876339	3889212	3877721	0.28	cps
Phosphorus	31-2	421056	418139	420255	419817	0.36	cps
Potassium	39-2	37545508	38670875	38037960	38084781	1.48	cps
Rhodium	103-1	17906910	19454543	19754926	19038793	5.21	cps
Rhodium	103-2	10561832	10702706	10719116	10661218	0.81	cps
Scandium	45-1	12431115	13378863	13610646	13140208	4.76	cps
Scandium	45-2	808482	823212	821710	817801	0.99	cps
Selenium	77-2	30516	30786	30766	30689	0.49	cps
Selenium	78-2	102013	104303	103454	103257	1.12	cps
Selenium	82-1	503331	504313	508789	505478	0.58	cps
Silicon	28-1	12848105	12986634	13029574	12954771	0.73	cps
Silver	109-1	33539203	33620804	34141983	33767330	0.97	cps
Silver	107-1	34690862	34176763	34884173	34583933	1.06	cps
Sodium	23-2	153847612	154687687	155019849	154518383	0.39	cps
Strontium	86-1	9320613	9171620	9368013	9286749	1.10	cps
Strontium	88-1	79187496	79308343	80015835	79503891	0.56	cps
Sulfur	34-1	3145397	3084165	3115494	3115019	0.98	cps
Terbium	159-1	29447411	32418420	32366468	31410766	5.41	cps
Terbium	159-2	16618851	16718682	16498656	16612063	0.66	cps
Thallium	203-1	29631809	29319102	29239803	29396904	0.71	cps
Thallium	205-1	71326085	70447208	71479014	71084102	0.78	cps
Thorium	232-1	103233516	105059955	104321219	104204897	0.88	cps
Tin	118-1	21193395	21353498	21228048	21258314	0.40	cps
Titanium	47-1	17543855	17543769	17593322	17560315	0.16	cps
Uranium	238-1	102337573	101971169	102911977	102406906	0.46	cps
Vanadium	51-2	7669854	7653824	7679540	7667740	0.17	cps
Yttrium	89-1	20198556	21954344	22267304	21473401	5.19	cps
Yttrium	89-2	3964921	4025086	4055708	4015238	1.15	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:07:06	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3072863	3140072	3125950	3112962	1.14	cps
Zirconium	90-1	42123697	41830066	41971066	41974943	0.35	cps
Zirconium	91-1	9483517	9385096	9508066	9458893	0.69	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:10:57	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	38749115	39045633	40008403	39267717	1.68	cps
Antimony	121-1	23011	23838	23312	23387	1.79	cps
Arsenic	75-1	3768	3930	3660	3786	3.59	cps
Barium	135-1	5626	4676	4251	4851	14.52	cps
Barium	137-1	9545	8545	8161	8750	8.17	cps
Beryllium	9-1	917	733	747	799	12.80	cps
Bismuth	209-1	15713379	15697836	15568121	15659779	0.51	cps
Bismuth	209-2	8861711	8956018	9036306	8951345	0.98	cps
Boron	10-1	62464	58238	52368	57690	8.79	cps
Boron	11-1	283176	269254	247391	266607	6.77	cps
Cadmium	111-1	6895	7103	6899	6965	1.71	cps
Cadmium	106-1	8545	9037	8620	8734	3.04	cps
Cadmium	108-1	100	104	92	99	6.45	cps
Calcium	43-1	38805591	39413705	39661349	39293548	1.12	cps
Calcium	44-1	626095264	637428548	641443564	634989125	1.25	cps
Chromium	52-2	69058	70357	70665	70027	1.22	cps
Cobalt	59-2	172993	176151	178182	175775	1.49	cps
Copper	63-2	23496	23629	23472	23533	0.36	cps
Dysprosium	156-1	192	283	217	231	20.55	cps
Dysprosium	156-2	123	117	93	111	14.18	cps
Erbium	164-1	242	175	167	194	21.14	cps
Erbium	164-2	57	90	87	78	23.60	cps
Gadolinium	160-1	250	175	342	256	32.66	cps
Gadolinium	160-2	410	477	467	451	7.97	cps
Holmium	165-1	28081909	28649300	28054236	28261815	1.19	cps
Holmium	165-2	15178022	15391803	15443988	15337938	0.92	cps
Indium	115-1	19783557	19820339	19845471	19816456	0.16	cps
Indium	115-2	4854812	5010205	5024150	4963055	1.89	cps
Iron	56-2	2147485604	2158214182	2169083782	2158261189	0.50	cps
Iron	57-2	52744940	52322621	53567708	52878423	1.20	cps
Krypton	83-1	1657	1673	1507	1612	5.69	cps
Lead	206-1	19515	19482	18786	19261	2.14	cps
Lead	207-1	16839	16416	15637	16297	3.74	cps
Lead	208-1	77418	75580	72807	75268	3.08	cps
Lithium	6-1	6446443	6536861	6549860	6511055	0.87	cps
Magnesium	24-2	415767868	421998518	424672351	420812912	1.09	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:10:57	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	48283	49256	50313	49284	2.06	cps
Molybdenum	94-1	25290	22844	22310	23481	6.77	cps
Molybdenum	95-1	36481	34493	33749	34908	4.05	cps
Molybdenum	96-1	53343	52448	49746	51846	3.61	cps
Molybdenum	97-1	21392	21158	19180	20577	5.91	cps
Molybdenum	98-1	53577	49144	46118	49613	7.56	cps
Neodymium	150-1	500	533	493	509	4.21	cps
Neodymium	150-2	230	207	203	213	6.81	cps
Nickel	60-2	43912	45116	46507	45179	2.87	cps
Phosphorus	31-2	675	567	800	681	17.16	cps
Potassium	39-2	213693684	215575367	219699622	216322891	1.42	cps
Rhodium	103-1	17111311	17060509	17169489	17113770	0.32	cps
Rhodium	103-2	9350613	9549859	9561993	9487488	1.25	cps
Scandium	45-1	13184770	13616527	13616229	13472509	1.85	cps
Scandium	45-2	839639	861358	863384	854794	1.54	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	196	217	261	225	14.75	cps
Selenium	82-1	279	130	379	263	47.55	cps
Silicon	28-1	1005780	1038560	1049645	1031328	2.21	cps
Silver	109-1	3401	2850	2842	3031	10.56	cps
Silver	107-1	3584	2800	2442	2942	19.85	cps
Sodium	23-2	798886035	816066285	823547868	812833396	1.56	cps
Strontium	86-1	35871	34835	35370	35358	1.47	cps
Strontium	88-1	288040	281159	287964	285721	1.38	cps
Sulfur	34-1	377633	394250	400960	390948	3.07	cps
Terbium	159-1	29024349	29110169	29216790	29117102	0.33	cps
Terbium	159-2	15294251	15437004	15279549	15336934	0.57	cps
Thallium	203-1	4859	4618	3942	4473	10.63	cps
Thallium	205-1	12240	10738	8828	10602	16.13	cps
Thorium	232-1	19810	16394	14803	17002	15.05	cps
Tin	118-1	13816	13115	13107	13346	3.05	cps
Titanium	47-1	6393	6352	5860	6202	4.78	cps
Uranium	238-1	10238	8428	6560	8409	21.87	cps
Vanadium	51-2	1297	1237	1310	1281	3.05	cps
Yttrium	89-1	20887322	21008093	20958723	20951379	0.29	cps
Yttrium	89-2	3969030	4044457	4080905	4031464	1.42	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:10:57	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	15105	15328	15815	15416	2.36	cps
Zirconium	90-1	12765	12039	11497	12100	5.26	cps
Zirconium	91-1	2742	2784	2259	2595	11.25	cps

LB Number : LB101274 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-08 15:23:51 DataFile Name : 014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192072	192375	192754	192401	0.18	cps
Antimony	121-1	4603889	4703107	4717326	4674774	1.32	cps
Arsenic	75-1	1238488	1241117	1232656	1237420	0.35	cps
Barium	135-1	614261	628149	622738	621716	1.13	cps
Barium	137-1	1076130	1091531	1111708	1093123	1.63	cps
Beryllium	9-1	670600	673721	673994	672771	0.28	cps
Bismuth	209-1	22059302	22000714	22017360	22025792	0.14	cps
Bismuth	209-2	12257069	12267751	12304869	12276563	0.20	cps
Boron	10-1	10671	10913	10613	10732	1.48	cps
Boron	11-1	50686	50895	49766	50449	1.19	cps
Cadmium	111-1	770432	779978	791414	780608	1.35	cps
Cadmium	106-1	75737	77638	77949	77108	1.55	cps
Cadmium	108-1	50561	50482	51301	50781	0.89	cps
Calcium	43-1	169049	167062	174673	170261	2.32	cps
Calcium	44-1	2856907	2848877	2860957	2855581	0.22	cps
Chromium	52-2	1060492	1060626	1054270	1058463	0.34	cps
Cobalt	59-2	1752354	1759616	1755425	1755798	0.21	cps
Copper	63-2	1269494	1271453	1275090	1272012	0.22	cps
Dysprosium	156-1	42	42	25	36	26.65	cps
Dysprosium	156-2	13	27	17	19	36.75	cps
Erbium	164-1	275	292	242	269	9.45	cps
Erbium	164-2	120	107	160	129	21.53	cps
Gadolinium	160-1	208	325	233	256	24.04	cps
Gadolinium	160-2	437	403	397	412	5.20	cps
Holmium	165-1	32606257	32243460	32520474	32456730	0.58	cps
Holmium	165-2	17267123	17059814	16950702	17092546	0.94	cps
Indium	115-1	24077427	24481863	24651468	24403586	1.21	cps
Indium	115-2	5860804	5955118	5971739	5929220	1.01	cps
Iron	56-2	9792057	9851009	9750754	9797940	0.51	cps
Iron	57-2	233009	240634	237229	236957	1.61	cps
Krypton	83-1	1743	1653	1733	1710	2.88	cps
Lead	206-1	4758600	4853893	4932173	4848222	1.79	cps
Lead	207-1	4074248	4176677	4196213	4149046	1.58	cps
Lead	208-1	18950735	19165322	19332566	19149541	1.00	cps
Lithium	6-1	7705373	7770531	7713545	7729816	0.46	cps
Magnesium	24-2	1086073	1089488	1077276	1084279	0.58	cps

LB Number : LB101274 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-08 15:23:51 DataFile Name : 014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	669291	669034	665772	668032	0.29	cps
Molybdenum	94-1	1258	1117	1350	1242	9.47	cps
Molybdenum	95-1	958	942	792	897	10.23	cps
Molybdenum	96-1	1483	1417	1458	1453	2.32	cps
Molybdenum	97-1	650	492	567	569	13.91	cps
Molybdenum	98-1	1367	1500	1450	1439	4.68	cps
Neodymium	150-1	40	13	73	42	71.21	cps
Neodymium	150-2	0	10	10	7	86.60	cps
Nickel	60-2	465093	466266	463617	464992	0.29	cps
Phosphorus	31-2	475	467	442	461	3.76	cps
Potassium	39-2	1766690	1756051	1737574	1753438	0.84	cps
Rhodium	103-1	23006623	23426931	23379412	23270989	0.99	cps
Rhodium	103-2	12622999	12673994	12388431	12561808	1.21	cps
Scandium	45-1	15444296	15674482	15470558	15529778	0.81	cps
Scandium	45-2	915818	915966	921452	917745	0.35	cps
Selenium	77-2	7235	7836	7639	7570	4.04	cps
Selenium	78-2	25832	25697	25365	25631	0.94	cps
Selenium	82-1	120764	122404	122228	121798	0.74	cps
Silicon	28-1	538020	534334	536655	536336	0.35	cps
Silver	109-1	3753793	3784357	3774561	3770904	0.41	cps
Silver	107-1	3843212	3888664	3906882	3879586	0.85	cps
Sodium	23-2	3432774	3451821	3421473	3435356	0.45	cps
Strontium	86-1	22385	22986	22151	22507	1.91	cps
Strontium	88-1	171922	171064	173430	172138	0.70	cps
Sulfur	34-1	452978	454687	449906	452524	0.54	cps
Terbium	159-1	33569254	33335447	33372903	33425868	0.38	cps
Terbium	159-2	17182924	17230432	17232644	17215333	0.16	cps
Thallium	203-1	5937958	5964194	6220991	6041048	2.59	cps
Thallium	205-1	14667525	14704647	14590645	14654272	0.40	cps
Thorium	232-1	2978	2728	2534	2747	8.11	cps
Tin	118-1	1692	2134	2250	2025	14.54	cps
Titanium	47-1	567	717	625	636	11.89	cps
Uranium	238-1	342	375	325	347	7.33	cps
Vanadium	51-2	837497	833220	829123	833280	0.50	cps
Yttrium	89-1	24647862	24530430	24550850	24576381	0.26	cps
Yttrium	89-2	4487140	4501437	4459562	4482713	0.47	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:23:51	DataFile Name :	014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	394742	403300	400621	399554	1.10	cps
Zirconium	90-1	1984	2034	1875	1964	4.12	cps
Zirconium	91-1	1158	1275	1250	1228	5.00	cps

LB Number : LB101274 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-08 15:27:28 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	117	150	136	12.75	cps
Antimony	121-1	3100	2634	2834	2856	8.20	cps
Arsenic	75-1	-3547	-3486	-3627	-3553	-1.99	cps
Barium	135-1	67	92	83	81	15.80	cps
Barium	137-1	217	167	225	203	15.56	cps
Beryllium	9-1	260	260	227	249	7.73	cps
Bismuth	209-1	22222559	21856921	22550311	22209931	1.56	cps
Bismuth	209-2	12328114	12481251	12278923	12362763	0.85	cps
Boron	10-1	8603	8436	8228	8422	2.23	cps
Boron	11-1	40330	37531	37389	38416	4.32	cps
Cadmium	111-1	7326	6680	7036	7014	4.61	cps
Cadmium	106-1	10204	9312	9829	9782	4.58	cps
Cadmium	108-1	42	25	46	38	29.40	cps
Calcium	43-1	367	558	383	436	24.35	cps
Calcium	44-1	68865	69057	68404	68775	0.49	cps
Chromium	52-2	5314	5571	5468	5451	2.37	cps
Cobalt	59-2	257	350	327	311	15.61	cps
Copper	63-2	1563	1490	1570	1541	2.88	cps
Dysprosium	156-1	17	25	0	14	91.65	cps
Dysprosium	156-2	13	13	10	12	15.73	cps
Erbium	164-1	100	117	108	108	7.69	cps
Erbium	164-2	57	90	33	60	47.47	cps
Gadolinium	160-1	208	133	92	144	40.93	cps
Gadolinium	160-2	460	427	377	421	9.96	cps
Holmium	165-1	31847554	32374371	32790996	32337640	1.46	cps
Holmium	165-2	17117557	17166828	16923134	17069173	0.75	cps
Indium	115-1	24343528	24387769	25038606	24589968	1.58	cps
Indium	115-2	5829549	5814979	5806235	5816921	0.20	cps
Iron	56-2	17984	17923	18178	18028	0.74	cps
Iron	57-2	583	433	539	519	14.86	cps
Krypton	83-1	1433	1600	1673	1569	7.84	cps
Lead	206-1	2411	2150	2145	2235	6.82	cps
Lead	207-1	1978	2161	1817	1985	8.68	cps
Lead	208-1	9224	8968	8440	8877	4.50	cps
Lithium	6-1	7669100	7702934	7827447	7733160	1.08	cps
Magnesium	24-2	583	650	617	617	5.41	cps

LB Number : LB101274 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-08 15:27:28 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	133	117	147	132	11.37	cps
Molybdenum	94-1	700	842	883	808	11.89	cps
Molybdenum	95-1	550	467	600	539	12.50	cps
Molybdenum	96-1	808	592	842	747	18.17	cps
Molybdenum	97-1	267	258	400	308	25.78	cps
Molybdenum	98-1	658	842	808	770	12.69	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	160	143	147	150	5.88	cps
Phosphorus	31-2	400	392	442	411	6.52	cps
Potassium	39-2	46909	46098	46650	46552	0.89	cps
Rhodium	103-1	22987068	23349087	24026034	23454063	2.25	cps
Rhodium	103-2	12490791	12625009	12454646	12523482	0.72	cps
Scandium	45-1	15546446	15326564	15786103	15553038	1.48	cps
Scandium	45-2	909869	914569	906485	910307	0.45	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	215	200	187	201	6.93	cps
Selenium	82-1	385	159	56	200	84.02	cps
Silicon	28-1	504891	510196	513068	509385	0.81	cps
Silver	109-1	725	542	542	603	17.56	cps
Silver	107-1	792	642	758	731	10.78	cps
Sodium	23-2	53179	52594	52041	52605	1.08	cps
Strontium	86-1	2492	2717	2542	2584	4.57	cps
Strontium	88-1	325	342	292	319	7.97	cps
Sulfur	34-1	444951	450361	442956	446089	0.86	cps
Terbium	159-1	33329178	33167228	33803414	33433273	0.99	cps
Terbium	159-2	17215753	17222773	17237513	17225346	0.06	cps
Thallium	203-1	2617	2334	2392	2448	6.11	cps
Thallium	205-1	6527	5626	5468	5874	9.72	cps
Thorium	232-1	2450	2511	2389	2450	2.49	cps
Tin	118-1	1508	1575	1934	1672	13.67	cps
Titanium	47-1	583	758	600	647	14.92	cps
Uranium	238-1	117	158	192	156	24.16	cps
Vanadium	51-2	27	43	47	39	27.55	cps
Yttrium	89-1	24050715	24197846	24965947	24404836	2.01	cps
Yttrium	89-2	4413628	4394609	4402118	4403452	0.22	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:27:28	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	597	663	630	630	5.29	cps
Zirconium	90-1	1600	1567	1667	1611	3.16	cps
Zirconium	91-1	325	275	317	306	8.77	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:31:05	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	35371085	35529040	35489678	35463268	0.23	cps
Antimony	121-1	28455	28430	29190	28691	1.50	cps
Arsenic	75-1	5672	6727	6923	6440	10.45	cps
Barium	135-1	8778	9328	9245	9117	3.25	cps
Barium	137-1	16018	16227	16001	16082	0.78	cps
Beryllium	9-1	1843	2117	1903	1955	7.35	cps
Bismuth	209-1	19223534	19457776	19228923	19303411	0.69	cps
Bismuth	209-2	10663225	10687979	10708801	10686668	0.21	cps
Boron	10-1	7002	7602	7977	7527	6.54	cps
Boron	11-1	35183	34816	34749	34916	0.67	cps
Cadmium	111-1	9198	9418	9551	9389	1.90	cps
Cadmium	106-1	8361	8420	8403	8395	0.36	cps
Cadmium	108-1	7440	7189	7323	7317	1.71	cps
Calcium	43-1	7976194	8131997	8117316	8075169	1.07	cps
Calcium	44-1	130081195	129629457	131032474	130247708	0.55	cps
Chromium	52-2	217606	217246	215744	216865	0.46	cps
Cobalt	59-2	19003	19753	19036	19264	2.20	cps
Copper	63-2	85606	86796	87500	86634	1.11	cps
Dysprosium	156-1	83	117	117	106	18.23	cps
Dysprosium	156-2	70	93	73	79	16.00	cps
Erbium	164-1	225	267	275	256	10.48	cps
Erbium	164-2	103	97	87	96	8.78	cps
Gadolinium	160-1	267	342	217	275	22.88	cps
Gadolinium	160-2	500	390	433	441	12.56	cps
Holmium	165-1	31150667	31390429	31256133	31265743	0.38	cps
Holmium	165-2	16514133	16229322	16523171	16422209	1.02	cps
Indium	115-1	22255358	22486452	22389526	22377112	0.52	cps
Indium	115-2	5313754	5345114	5359289	5339385	0.44	cps
Iron	56-2	903907998	907627687	908681931	906739205	0.28	cps
Iron	57-2	22041599	22106691	22225085	22124458	0.42	cps
Krypton	83-1	1613	1680	1667	1653	2.13	cps
Lead	206-1	117050	116619	112719	115463	2.07	cps
Lead	207-1	93595	90719	89025	91113	2.54	cps
Lead	208-1	439370	434951	421755	432025	2.12	cps
Lithium	6-1	7086032	7055562	7137274	7092956	0.58	cps
Magnesium	24-2	86709302	87364158	88136396	87403285	0.82	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:31:05	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	51119	51269	51125	51171	0.17	cps
Molybdenum	94-1	14062021	14318007	14060974	14147001	1.05	cps
Molybdenum	95-1	25095981	25098430	25001830	25065414	0.22	cps
Molybdenum	96-1	26619839	26988624	26755459	26787974	0.70	cps
Molybdenum	97-1	15563638	15694031	15766627	15674765	0.66	cps
Molybdenum	98-1	40184276	40494332	40873179	40517262	0.85	cps
Neodymium	150-1	147	147	73	122	34.64	cps
Neodymium	150-2	70	50	50	57	20.38	cps
Nickel	60-2	21993	21910	22768	22224	2.13	cps
Phosphorus	31-2	2231694	2222098	2234209	2229334	0.29	cps
Potassium	39-2	83428085	82452156	83376916	83085719	0.66	cps
Rhodium	103-1	20086671	20151739	19967757	20068722	0.46	cps
Rhodium	103-2	11019376	10926067	10953601	10966348	0.44	cps
Scandium	45-1	14563428	14573940	14585667	14574345	0.08	cps
Scandium	45-2	865753	859500	866312	863855	0.44	cps
Selenium	77-2	10	7	7	8	24.71	cps
Selenium	78-2	185	219	193	199	8.80	cps
Selenium	82-1	135	55	130	106	42.24	cps
Silicon	28-1	902656	907801	911911	907456	0.51	cps
Silver	109-1	1425	1492	1433	1450	2.51	cps
Silver	107-1	1358	1625	1608	1531	9.76	cps
Sodium	23-2	163126420	167640845	166071637	165612968	1.38	cps
Strontium	86-1	277349	281581	282114	280348	0.93	cps
Strontium	88-1	2418993	2398826	2427490	2415103	0.61	cps
Sulfur	34-1	12413729	12444271	12451786	12436595	0.16	cps
Terbium	159-1	32726945	32171148	32014474	32304189	1.16	cps
Terbium	159-2	16472329	16223656	16448232	16381406	0.84	cps
Thallium	203-1	5760	5443	6252	5818	7.00	cps
Thallium	205-1	13432	14125	14717	14091	4.56	cps
Thorium	232-1	3128	3467	3384	3326	5.31	cps
Tin	118-1	6502	6702	6594	6599	1.52	cps
Titanium	47-1	7478134	7421484	7505296	7468305	0.57	cps
Uranium	238-1	1909	1567	1867	1781	10.47	cps
Vanadium	51-2	1407	1443	1503	1451	3.36	cps
Yttrium	89-1	22666207	22802120	22990879	22819735	0.71	cps
Yttrium	89-2	4162109	4126881	4178148	4155713	0.63	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:31:05	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	20011	19764	20351	20042	1.47	cps
Zirconium	90-1	2675	2875	2459	2670	7.81	cps
Zirconium	91-1	592	625	467	561	14.88	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:34:47	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	35744258	36047833	35576562	35789551	0.67	cps
Antimony	121-1	475224	475905	479159	476763	0.44	cps
Arsenic	75-1	117166	120245	121232	119548	1.77	cps
Barium	135-1	132107	131520	133445	132357	0.75	cps
Barium	137-1	231271	233813	235280	233455	0.87	cps
Beryllium	9-1	124327	125248	123352	124309	0.76	cps
Bismuth	209-1	19500010	19599454	19487807	19529090	0.31	cps
Bismuth	209-2	10717408	10616260	10806740	10713469	0.89	cps
Boron	10-1	85408	86741	88635	86928	1.87	cps
Boron	11-1	398854	402056	409754	403555	1.39	cps
Cadmium	111-1	149845	152823	151498	151389	0.99	cps
Cadmium	106-1	28463	29022	28188	28558	1.49	cps
Cadmium	108-1	19530	19343	18938	19270	1.57	cps
Calcium	43-1	8190732	8462196	8413692	8355540	1.73	cps
Calcium	44-1	134568141	134702953	136016124	135095739	0.59	cps
Chromium	52-2	421738	427021	419190	422650	0.95	cps
Cobalt	59-2	345905	350635	348632	348391	0.68	cps
Copper	63-2	311750	318117	319032	316300	1.25	cps
Dysprosium	156-1	92	100	100	97	4.95	cps
Dysprosium	156-2	73	70	60	68	10.24	cps
Erbium	164-1	317	242	175	244	28.99	cps
Erbium	164-2	73	117	97	96	22.70	cps
Gadolinium	160-1	183	250	283	239	21.32	cps
Gadolinium	160-2	460	387	467	438	10.14	cps
Holmium	165-1	32269296	32104986	31853403	32075895	0.65	cps
Holmium	165-2	16637980	16594816	16817778	16683524	0.71	cps
Indium	115-1	22603002	22688356	22966849	22752735	0.84	cps
Indium	115-2	5389004	5380771	5361629	5377134	0.26	cps
Iron	56-2	921735443	923930243	928072487	924579391	0.35	cps
Iron	57-2	22363053	22631864	22330091	22441669	0.74	cps
Krypton	83-1	1683	1543	1687	1638	5.00	cps
Lead	206-1	577582	582385	582332	580766	0.47	cps
Lead	207-1	480829	483715	476861	480468	0.72	cps
Lead	208-1	2223443	2245036	2217418	2228632	0.65	cps
Lithium	6-1	7151299	7177000	7193338	7173879	0.30	cps
Magnesium	24-2	87885450	88841152	88015373	88247325	0.59	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:34:47	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	180177	180187	180106	180157	0.02	cps
Molybdenum	94-1	15918722	15800264	15876353	15865113	0.38	cps
Molybdenum	95-1	26569729	25985328	26309124	26288060	1.11	cps
Molybdenum	96-1	28378176	28122251	28165441	28221956	0.49	cps
Molybdenum	97-1	16621052	16334386	16353152	16436197	0.98	cps
Molybdenum	98-1	42937990	42671900	42485830	42698573	0.53	cps
Neodymium	150-1	207	120	153	160	27.33	cps
Neodymium	150-2	47	60	57	54	12.74	cps
Nickel	60-2	105936	105530	106930	106132	0.68	cps
Phosphorus	31-2	2275881	2286531	2245038	2269150	0.95	cps
Potassium	39-2	83668237	83959741	84821483	84149821	0.71	cps
Rhodium	103-1	20703267	20557294	20456013	20572191	0.60	cps
Rhodium	103-2	11088927	11098192	11208637	11131919	0.60	cps
Scandium	45-1	14701138	14777209	14905449	14794598	0.70	cps
Scandium	45-2	880603	877508	879506	879205	0.18	cps
Selenium	77-2	693	683	640	672	4.22	cps
Selenium	78-2	2358	2404	2448	2403	1.89	cps
Selenium	82-1	10595	11058	10584	10746	2.52	cps
Silicon	28-1	2024331	2057930	2041678	2041313	0.82	cps
Silver	109-1	641788	655609	661356	652918	1.54	cps
Silver	107-1	669675	669689	675924	671763	0.54	cps
Sodium	23-2	169099116	168960962	170003083	169354387	0.33	cps
Strontium	86-1	816428	829315	820078	821940	0.81	cps
Strontium	88-1	7049683	7109382	7188666	7115910	0.98	cps
Sulfur	34-1	12621642	12762387	12690977	12691669	0.55	cps
Terbium	159-1	32719488	32948620	33452240	33040116	1.13	cps
Terbium	159-2	16739302	16769944	16719616	16742954	0.15	cps
Thallium	203-1	592467	589316	592389	591390	0.30	cps
Thallium	205-1	1419825	1424560	1437909	1427431	0.66	cps
Thorium	232-1	32469	31277	32085	31944	1.90	cps
Tin	118-1	1367372	1387335	1393661	1382789	0.99	cps
Titanium	47-1	7770663	7821656	7842863	7811727	0.48	cps
Uranium	238-1	6170045	6334815	6279166	6261342	1.34	cps
Vanadium	51-2	164821	164825	164046	164564	0.27	cps
Yttrium	89-1	23111720	23371153	23875932	23452935	1.66	cps
Yttrium	89-2	4227734	4227004	4257730	4237489	0.41	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:34:47	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	54783	53966	54083	54277	0.81	cps
Zirconium	90-1	2759981	2783510	2814077	2785856	0.97	cps
Zirconium	91-1	615869	626536	624101	622169	0.90	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P7
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:38:28	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21740501	21865392	22193986	21933293	1.07	cps
Antimony	121-1	11151218	11174747	11266487	11197484	0.54	cps
Arsenic	75-1	2783029	2795749	2805884	2794888	0.41	cps
Barium	135-1	15795321	15650803	15781320	15742481	0.51	cps
Barium	137-1	27531246	27473419	27534842	27513169	0.13	cps
Beryllium	9-1	3269913	3305636	3278205	3284585	0.57	cps
Bismuth	209-1	18068553	17956741	18149891	18058395	0.54	cps
Bismuth	209-2	9917607	10002296	10068919	9996274	0.76	cps
Boron	10-1	607578	635168	650592	631113	3.45	cps
Boron	11-1	2926806	2977408	3049545	2984586	2.07	cps
Cadmium	111-1	3658842	3688898	3716742	3688160	0.79	cps
Cadmium	106-1	403544	403137	409172	405285	0.83	cps
Cadmium	108-1	278236	281922	282644	280934	0.84	cps
Calcium	43-1	20913936	20990456	21224446	21042946	0.77	cps
Calcium	44-1	339687933	340538091	342909074	341045033	0.49	cps
Chromium	52-2	5449956	5487127	5552276	5496453	0.94	cps
Cobalt	59-2	8490267	8502762	8570976	8521335	0.51	cps
Copper	63-2	11703599	11853016	11920224	11825613	0.94	cps
Dysprosium	156-1	292	242	467	333	35.44	cps
Dysprosium	156-2	270	313	273	286	8.44	cps
Erbium	164-1	158	208	158	175	16.50	cps
Erbium	164-2	40	97	80	72	40.33	cps
Gadolinium	160-1	292	300	342	311	8.61	cps
Gadolinium	160-2	497	493	447	479	5.84	cps
Holmium	165-1	31662708	31439942	31299384	31467345	0.58	cps
Holmium	165-2	16153670	16374292	16570031	16365998	1.27	cps
Indium	115-1	22055751	21773555	22244539	22024615	1.08	cps
Indium	115-2	5249554	5312780	5381999	5314778	1.25	cps
Iron	56-2	1187527449	1174180426	1194715716	1185474530	0.88	cps
Iron	57-2	29123662	29008148	29230465	29120759	0.38	cps
Krypton	83-1	1770	1753	1673	1732	2.98	cps
Lead	206-1	11450517	11399787	11257502	11369269	0.88	cps
Lead	207-1	10141012	9990930	9965485	10032476	0.95	cps
Lead	208-1	45800050	45439256	45209227	45482844	0.65	cps
Lithium	6-1	6947022	6960558	6992574	6966718	0.34	cps
Magnesium	24-2	228774605	224129763	227524205	226809525	1.06	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P7
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:38:28	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6653334	6749159	6728501	6710331	0.75	cps
Molybdenum	94-1	28189596	28566037	28333851	28363161	0.67	cps
Molybdenum	95-1	34951270	35336684	35543349	35277101	0.85	cps
Molybdenum	96-1	38933846	38941000	39310574	39061806	0.55	cps
Molybdenum	97-1	22051979	22027250	22061585	22046938	0.08	cps
Molybdenum	98-1	57377955	57200397	57612966	57397106	0.36	cps
Neodymium	150-1	1000	1060	1100	1053	4.78	cps
Neodymium	150-2	213	207	230	217	5.55	cps
Nickel	60-2	2066546	2092098	2103138	2087261	0.90	cps
Phosphorus	31-2	241612	241436	245756	242935	1.01	cps
Potassium	39-2	112762636	111475827	113512278	112583580	0.91	cps
Rhodium	103-1	19786648	19459374	19793881	19679968	0.97	cps
Rhodium	103-2	10518589	10752807	10772987	10681461	1.32	cps
Scandium	45-1	15053353	14827053	15220119	15033508	1.31	cps
Scandium	45-2	912962	912823	919353	915046	0.41	cps
Selenium	77-2	19009	19053	19677	19246	1.94	cps
Selenium	78-2	64495	65450	65490	65145	0.87	cps
Selenium	82-1	301600	302223	304873	302899	0.57	cps
Silicon	28-1	7881459	7986494	8078779	7982244	1.24	cps
Silver	109-1	17693911	17775009	17456527	17641816	0.94	cps
Silver	107-1	18477151	18454247	18392615	18441338	0.24	cps
Sodium	23-2	433111385	431299593	437930243	434113740	0.79	cps
Strontium	86-1	4924773	4949190	4942430	4938797	0.26	cps
Strontium	88-1	43540486	43731063	43133869	43468473	0.70	cps
Sulfur	34-1	1985990	1973160	1998305	1985818	0.63	cps
Terbium	159-1	32114922	32465990	32229575	32270162	0.55	cps
Terbium	159-2	16216604	16513769	16327979	16352784	0.92	cps
Thallium	203-1	14188477	14111935	14133417	14144610	0.28	cps
Thallium	205-1	34483863	34391099	33832350	34235771	1.03	cps
Thorium	232-1	49586601	49625557	50103733	49771964	0.58	cps
Tin	118-1	10961361	10929718	10945843	10945641	0.14	cps
Titanium	47-1	9903859	9945601	9908943	9919468	0.23	cps
Uranium	238-1	49018594	49240657	48938979	49066077	0.32	cps
Vanadium	51-2	4439326	4438226	4439085	4438879	0.01	cps
Yttrium	89-1	23461328	23354632	23386499	23400820	0.23	cps
Yttrium	89-2	4231850	4301578	4304443	4279290	0.96	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P7
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:38:28	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1721533	1739037	1754894	1738488	0.96	cps
Zirconium	90-1	22964167	22965722	23108129	23012673	0.36	cps
Zirconium	91-1	4996152	4988313	5100882	5028449	1.25	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P7
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:42:14	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1483	1425	1217	1375	10.20	cps
Antimony	121-1	5626	6027	5768	5807	3.49	cps
Arsenic	75-1	-3321	-3540	-3121	-3327	-6.30	cps
Barium	135-1	1067	1175	1008	1083	7.81	cps
Barium	137-1	2142	1959	1450	1850	19.37	cps
Beryllium	9-1	517	417	437	457	11.59	cps
Bismuth	209-1	22766100	22853272	22779403	22799592	0.21	cps
Bismuth	209-2	12475596	12677957	12417041	12523531	1.09	cps
Boron	10-1	30390	28052	25898	28113	7.99	cps
Boron	11-1	141736	128638	120133	130169	8.36	cps
Cadmium	111-1	7404	7370	7341	7372	0.42	cps
Cadmium	106-1	9637	9745	9804	9729	0.87	cps
Cadmium	108-1	96	21	54	57	66.00	cps
Calcium	43-1	2142	2017	1675	1945	12.42	cps
Calcium	44-1	104890	100753	97843	101162	3.50	cps
Chromium	52-2	5711	5778	5931	5807	1.94	cps
Cobalt	59-2	560	403	450	471	17.07	cps
Copper	63-2	2954	2840	2770	2855	3.24	cps
Dysprosium	156-1	17	42	17	25	57.73	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	108	117	133	119	10.66	cps
Erbium	164-2	43	60	53	52	16.07	cps
Gadolinium	160-1	133	175	142	150	14.70	cps
Gadolinium	160-2	363	420	390	391	7.25	cps
Holmium	165-1	33504916	33211910	33631110	33449312	0.64	cps
Holmium	165-2	17519602	17587794	17317660	17475019	0.80	cps
Indium	115-1	25196152	25446973	25237181	25293435	0.53	cps
Indium	115-2	5947450	5966743	5940316	5951503	0.23	cps
Iron	56-2	78102	75103	71971	75059	4.08	cps
Iron	57-2	1895	1811	1845	1850	2.27	cps
Krypton	83-1	1944	1793	1710	1816	6.51	cps
Lead	206-1	3317	3223	3178	3239	2.19	cps
Lead	207-1	2989	2884	2806	2893	3.18	cps
Lead	208-1	13753	13247	12619	13207	4.30	cps
Lithium	6-1	7771637	7861415	7790814	7807955	0.61	cps
Magnesium	24-2	7711	7594	6593	7299	8.41	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P7
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:42:14	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	367	340	367	358	4.30	cps
Molybdenum	94-1	5476	4676	4201	4784	13.47	cps
Molybdenum	95-1	7102	6085	4668	5952	20.54	cps
Molybdenum	96-1	8103	6827	6152	7027	14.10	cps
Molybdenum	97-1	4576	3884	3392	3951	15.05	cps
Molybdenum	98-1	10663	9554	8219	9479	12.91	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	197	213	203	204	4.10	cps
Phosphorus	31-2	442	458	558	486	12.98	cps
Potassium	39-2	69388	68534	68316	68746	0.82	cps
Rhodium	103-1	23497516	23983774	23926060	23802450	1.12	cps
Rhodium	103-2	12829190	12942556	12708653	12826799	0.91	cps
Scandium	45-1	15864088	16098528	15958198	15973605	0.74	cps
Scandium	45-2	928577	937181	928919	931559	0.52	cps
Selenium	77-2	10	0	0	3	173.21	cps
Selenium	78-2	180	228	211	206	11.86	cps
Selenium	82-1	-90	39	125	24	444.22	cps
Silicon	28-1	543812	543549	540955	542772	0.29	cps
Silver	109-1	2350	1892	1884	2042	13.08	cps
Silver	107-1	2492	2609	1909	2336	16.05	cps
Sodium	23-2	92996	90649	88377	90674	2.55	cps
Strontium	86-1	3234	2867	2959	3020	6.32	cps
Strontium	88-1	3376	3125	2542	3014	14.19	cps
Sulfur	34-1	450673	455909	454087	453556	0.59	cps
Terbium	159-1	34626156	34481264	34310062	34472494	0.46	cps
Terbium	159-2	17614610	17382726	17719029	17572122	0.98	cps
Thallium	203-1	5093	4826	4059	4659	11.52	cps
Thallium	205-1	12665	11889	9946	11500	12.18	cps
Thorium	232-1	9520	8570	7753	8614	10.27	cps
Tin	118-1	3776	3351	3109	3412	9.90	cps
Titanium	47-1	1242	1258	1142	1214	5.20	cps
Uranium	238-1	3584	2984	2267	2945	22.39	cps
Vanadium	51-2	123	117	143	128	10.86	cps
Yttrium	89-1	25109401	25117261	25135117	25120593	0.05	cps
Yttrium	89-2	4528488	4538775	4518303	4528522	0.23	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P7
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:42:14	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	750	733	720	734	2.05	cps
Zirconium	90-1	3676	2950	3067	3231	12.05	cps
Zirconium	91-1	767	708	800	758	6.12	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:45:50	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8344	8269	9462	8692	7.68	cps
Antimony	121-1	47791	47908	47440	47713	0.51	cps
Arsenic	75-1	2370	2630	1239	2080	35.55	cps
Barium	135-1	64031	65037	62324	63797	2.15	cps
Barium	137-1	112471	108767	110446	110561	1.68	cps
Beryllium	9-1	6588	6785	6582	6652	1.74	cps
Bismuth	209-1	23002364	22862958	22738760	22868027	0.58	cps
Bismuth	209-2	12631522	12592142	12724410	12649358	0.54	cps
Boron	10-1	44751	44266	45236	44751	1.08	cps
Boron	11-1	207024	208512	209312	208283	0.56	cps
Cadmium	111-1	14505	14511	14748	14588	0.95	cps
Cadmium	106-1	10479	10421	10713	10538	1.47	cps
Cadmium	108-1	571	729	629	643	12.45	cps
Calcium	43-1	43933	43474	42028	43145	2.30	cps
Calcium	44-1	773279	769429	759306	767338	0.94	cps
Chromium	52-2	26628	26250	26681	26520	0.89	cps
Cobalt	59-2	17754	17651	17304	17570	1.34	cps
Copper	63-2	26551	26918	26501	26657	0.85	cps
Dysprosium	156-1	33	17	8	19	65.48	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Erbium	164-1	75	75	83	78	6.19	cps
Erbium	164-2	53	57	33	48	26.42	cps
Gadolinium	160-1	242	183	142	189	26.59	cps
Gadolinium	160-2	393	370	380	381	3.07	cps
Holmium	165-1	33426312	33864968	33255367	33515549	0.94	cps
Holmium	165-2	17526260	17561474	17552266	17546667	0.10	cps
Indium	115-1	25186750	25179423	25068361	25144845	0.26	cps
Indium	115-2	5965622	5911304	6053241	5976722	1.20	cps
Iron	56-2	541247	537907	540791	539982	0.34	cps
Iron	57-2	13735	13979	14207	13974	1.69	cps
Krypton	83-1	1593	1723	1703	1673	4.18	cps
Lead	206-1	27201	26805	27039	27015	0.74	cps
Lead	207-1	22642	22197	23037	22625	1.86	cps
Lead	208-1	105203	104084	105928	105072	0.88	cps
Lithium	6-1	7836694	7867140	7817430	7840422	0.32	cps
Magnesium	24-2	465888	465536	467490	466304	0.22	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:45:50	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7128	6925	7245	7100	2.28	cps
Molybdenum	94-1	55032	56755	56404	56064	1.62	cps
Molybdenum	95-1	69177	69278	69487	69314	0.23	cps
Molybdenum	96-1	76983	76363	79178	77508	1.91	cps
Molybdenum	97-1	43158	43517	45147	43941	2.41	cps
Molybdenum	98-1	112543	110737	114552	112611	1.69	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	4604	4931	5031	4855	4.60	cps
Phosphorus	31-2	1867	2017	1859	1914	4.66	cps
Potassium	39-2	486718	484530	479084	483444	0.81	cps
Rhodium	103-1	23999871	23706042	23879858	23861924	0.62	cps
Rhodium	103-2	12870105	12919679	13089940	12959908	0.89	cps
Scandium	45-1	15958941	16054833	16003508	16005760	0.30	cps
Scandium	45-2	943840	935734	949691	943088	0.74	cps
Selenium	77-2	200	187	230	206	10.80	cps
Selenium	78-2	893	819	841	851	4.47	cps
Selenium	82-1	3478	3360	3449	3429	1.79	cps
Silicon	28-1	691980	687591	690318	689963	0.32	cps
Silver	109-1	42967	42857	42799	42875	0.20	cps
Silver	107-1	42623	43945	42691	43086	1.73	cps
Sodium	23-2	910934	916169	915604	914236	0.31	cps
Strontium	86-1	11372	11080	11522	11324	1.98	cps
Strontium	88-1	73883	73590	72676	73383	0.86	cps
Sulfur	34-1	465187	463573	462893	463884	0.25	cps
Terbium	159-1	34087014	34605924	34463563	34385500	0.78	cps
Terbium	159-2	17719328	17602596	17556809	17626245	0.48	cps
Thallium	203-1	31948	31722	31363	31678	0.93	cps
Thallium	205-1	78625	77728	78097	78150	0.58	cps
Thorium	232-1	94835	97946	96671	96484	1.62	cps
Tin	118-1	122380	120944	119700	121008	1.11	cps
Titanium	47-1	20916	19397	19973	20095	3.82	cps
Uranium	238-1	90681	91534	93349	91854	1.48	cps
Vanadium	51-2	43792	44126	44143	44020	0.45	cps
Yttrium	89-1	25213224	25312837	25271610	25265890	0.20	cps
Yttrium	89-2	4487798	4524868	4583485	4532050	1.06	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:45:50	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4484	4684	4517	4562	2.35	cps
Zirconium	90-1	47697	47045	45231	46658	2.74	cps
Zirconium	91-1	10179	10046	10162	10129	0.72	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	PB117694BL	Instrumnet Name :	P7
Client Sample ID :	PB117694BL	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:49:26	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	483	233	300	339	38.20	cps
Antimony	121-1	717	1008	1000	908	18.28	cps
Arsenic	75-1	-3345	-3240	-3426	-3337	-2.80	cps
Barium	135-1	100	75	83	86	14.78	cps
Barium	137-1	142	158	125	142	11.76	cps
Beryllium	9-1	207	183	200	197	6.11	cps
Bismuth	209-1	22750005	22790460	22798647	22779704	0.11	cps
Bismuth	209-2	13349101	12256806	12427418	12677775	4.63	cps
Boron	10-1	10387	10204	9628	10073	3.93	cps
Boron	11-1	46940	47509	42861	45770	5.54	cps
Cadmium	111-1	6655	7252	6762	6890	4.62	cps
Cadmium	106-1	9278	10104	9479	9620	4.48	cps
Cadmium	108-1	21	13	33	22	47.18	cps
Calcium	43-1	442	483	450	458	4.81	cps
Calcium	44-1	70783	72088	70037	70969	1.46	cps
Chromium	52-2	5588	5394	5408	5463	1.98	cps
Cobalt	59-2	307	273	333	304	9.87	cps
Copper	63-2	2010	1907	2007	1975	2.97	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	17	17	3	12	63.01	cps
Erbium	164-1	117	108	108	111	4.33	cps
Erbium	164-2	40	57	70	56	27.06	cps
Gadolinium	160-1	142	158	167	156	8.19	cps
Gadolinium	160-2	470	380	340	397	16.79	cps
Holmium	165-1	33317277	33686960	33155198	33386478	0.82	cps
Holmium	165-2	18473013	16833874	16982827	17429904	5.20	cps
Indium	115-1	25267573	25372482	25191991	25277348	0.36	cps
Indium	115-2	6275530	5747774	5900995	5974766	4.54	cps
Iron	56-2	32593	23030	22590	26071	21.68	cps
Iron	57-2	667	533	561	587	11.98	cps
Krypton	83-1	1707	1627	1720	1685	3.00	cps
Lead	206-1	2195	2389	2100	2228	6.61	cps
Lead	207-1	2022	1922	1772	1906	6.60	cps
Lead	208-1	8974	9029	8496	8833	3.32	cps
Lithium	6-1	7790817	7789895	7818191	7799634	0.21	cps
Magnesium	24-2	1033	1025	1058	1039	1.67	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	PB117694BL	Instrumnet Name :	P7
Client Sample ID :	PB117694BL	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:49:26	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	103	93	100	99	5.15	cps
Molybdenum	94-1	1050	1133	1075	1086	3.94	cps
Molybdenum	95-1	767	608	925	767	20.65	cps
Molybdenum	96-1	983	1050	1017	1017	3.28	cps
Molybdenum	97-1	583	433	450	489	16.82	cps
Molybdenum	98-1	1275	1192	1175	1214	4.41	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	120	163	130	138	16.47	cps
Phosphorus	31-2	375	467	408	417	11.14	cps
Potassium	39-2	50612	50788	50412	50604	0.37	cps
Rhodium	103-1	23771771	23703541	23744702	23740004	0.14	cps
Rhodium	103-2	13582509	12398318	12676851	12885893	4.80	cps
Scandium	45-1	15999333	15830336	15822886	15884185	0.63	cps
Scandium	45-2	977613	896343	919666	931207	4.49	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	211	202	193	202	4.58	cps
Selenium	82-1	74	112	-42	48	168.19	cps
Silicon	28-1	515454	513305	510286	513015	0.51	cps
Silver	109-1	558	417	467	481	14.95	cps
Silver	107-1	692	533	692	639	14.31	cps
Sodium	23-2	55872	54575	54767	55071	1.27	cps
Strontium	86-1	2659	2975	2650	2761	6.71	cps
Strontium	88-1	508	300	392	400	26.10	cps
Sulfur	34-1	453032	458740	460490	457421	0.85	cps
Terbium	159-1	34622595	34036105	34313907	34324203	0.85	cps
Terbium	159-2	18367628	16858963	17246396	17490996	4.48	cps
Thallium	203-1	2284	1867	2075	2075	10.04	cps
Thallium	205-1	5443	5251	5043	5246	3.82	cps
Thorium	232-1	2172	2222	2134	2176	2.05	cps
Tin	118-1	1475	1584	1592	1550	4.20	cps
Titanium	47-1	575	575	525	558	5.17	cps
Uranium	238-1	283	208	258	250	15.28	cps
Vanadium	51-2	33	43	17	31	43.29	cps
Yttrium	89-1	25574355	25213586	25236211	25341384	0.80	cps
Yttrium	89-2	4758552	4321061	4475548	4518387	4.91	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	PB117694BL	Instrumnet Name :	P7
Client Sample ID :	PB117694BL	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:49:26	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	613	450	550	538	15.31	cps
Zirconium	90-1	1859	1834	1967	1886	3.76	cps
Zirconium	91-1	483	450	375	436	12.72	cps

LB Number : LB101274 Operator : Jaswal
 Lab Sample ID : PB117694BS Instrumnet Name : P7
 Client Sample ID : PB117694BS Dilution Factor : 1
 Date & Time Acquired :: 2019-03-08 15:53:02 DataFile Name : 022DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3968580	3956888	3850952	3925473	1.65	cps
Antimony	121-1	12180498	12288349	12185771	12218206	0.50	cps
Arsenic	75-1	3029398	3141735	3097241	3089458	1.83	cps
Barium	135-1	16262111	16363705	15952938	16192918	1.32	cps
Barium	137-1	28426573	28170342	28172506	28256474	0.52	cps
Beryllium	9-1	3224927	3258175	3266306	3249802	0.67	cps
Bismuth	209-1	21108646	21146626	21179099	21144790	0.17	cps
Bismuth	209-2	11439987	11470695	11437619	11449433	0.16	cps
Boron	10-1	636135	654255	664666	651685	2.22	cps
Boron	11-1	2961347	3062577	3067993	3030639	1.98	cps
Cadmium	111-1	3837278	3878297	3897542	3871039	0.80	cps
Cadmium	106-1	421368	419171	420475	420338	0.26	cps
Cadmium	108-1	284175	288751	284628	285852	0.88	cps
Calcium	43-1	4308503	4385811	4424932	4373082	1.35	cps
Calcium	44-1	70120004	69764549	69336091	69740215	0.56	cps
Chromium	52-2	5320810	5346194	5304369	5323791	0.40	cps
Cobalt	59-2	8688837	8643678	8443296	8591937	1.52	cps
Copper	63-2	12139299	12130267	11806156	12025241	1.58	cps
Dysprosium	156-1	267	275	217	253	12.48	cps
Dysprosium	156-2	253	263	290	269	7.05	cps
Erbium	164-1	150	83	92	108	33.53	cps
Erbium	164-2	80	67	77	74	9.32	cps
Gadolinium	160-1	183	233	267	228	18.41	cps
Gadolinium	160-2	440	447	413	433	4.07	cps
Holmium	165-1	33062359	33073098	33193747	33109734	0.22	cps
Holmium	165-2	16865093	16932126	16936616	16911278	0.24	cps
Indium	115-1	23463227	23505015	23604200	23524147	0.31	cps
Indium	115-2	5603830	5557748	5481908	5547829	1.11	cps
Iron	56-2	240571644	238492650	234156016	237740103	1.38	cps
Iron	57-2	5850441	5873060	5689926	5804476	1.72	cps
Krypton	83-1	1727	1703	1623	1685	3.22	cps
Lead	206-1	12431908	12261370	12364340	12352539	0.70	cps
Lead	207-1	10969300	11058528	10967647	10998492	0.47	cps
Lead	208-1	49543684	49565816	49641406	49583636	0.10	cps
Lithium	6-1	7465784	7425016	7435961	7442253	0.28	cps
Magnesium	24-2	45281179	45289084	45028420	45199561	0.33	cps

LB Number : LB101274 Operator : Jaswal
 Lab Sample ID : PB117694BS Instrumnet Name : P7
 Client Sample ID : PB117694BS Dilution Factor : 1
 Date & Time Acquired :: 2019-03-08 15:53:02 DataFile Name : 022DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6661066	6639649	6483971	6594896	1.47	cps
Molybdenum	94-1	28645730	28249121	28386432	28427094	0.71	cps
Molybdenum	95-1	35893340	35478499	35393405	35588415	0.75	cps
Molybdenum	96-1	40042390	38647114	39358908	39349471	1.77	cps
Molybdenum	97-1	22478588	22068068	22309997	22285551	0.93	cps
Molybdenum	98-1	57956093	57036591	57549114	57513933	0.80	cps
Neodymium	150-1	1000	993	1093	1029	5.43	cps
Neodymium	150-2	113	100	147	120	20.03	cps
Nickel	60-2	2208977	2204447	2176499	2196641	0.80	cps
Phosphorus	31-2	238751	241197	234206	238052	1.49	cps
Potassium	39-2	21238032	21287219	21088642	21204631	0.49	cps
Rhodium	103-1	21971886	22191779	21941637	22035101	0.62	cps
Rhodium	103-2	11722549	11732182	11548789	11667840	0.88	cps
Scandium	45-1	15273327	15185748	15455972	15305016	0.90	cps
Scandium	45-2	895396	903284	878763	892481	1.40	cps
Selenium	77-2	17875	17684	17744	17768	0.55	cps
Selenium	78-2	60544	60516	59231	60097	1.25	cps
Selenium	82-1	292411	294356	294342	293703	0.38	cps
Silicon	28-1	8333349	8433723	8430089	8399054	0.68	cps
Silver	109-1	18593130	18662445	18486366	18580647	0.48	cps
Silver	107-1	19330452	19157305	18885361	19124373	1.17	cps
Sodium	23-2	86543033	86316598	84543594	85801075	1.28	cps
Strontium	86-1	4989210	5082087	4982441	5017913	1.11	cps
Strontium	88-1	44009074	44578679	43552453	44046735	1.17	cps
Sulfur	34-1	2024011	2017585	1989789	2010462	0.90	cps
Terbium	159-1	34237866	34264584	34096193	34199548	0.26	cps
Terbium	159-2	17036532	17129256	16935014	17033601	0.57	cps
Thallium	203-1	15311314	15359812	15313268	15328131	0.18	cps
Thallium	205-1	36898464	37182315	36881406	36987395	0.46	cps
Thorium	232-1	51733612	52023101	52378336	52045016	0.62	cps
Tin	118-1	11393577	11743794	11597110	11578160	1.52	cps
Titanium	47-1	9861474	9816018	9768398	9815297	0.47	cps
Uranium	238-1	51111321	51286299	51127800	51175140	0.19	cps
Vanadium	51-2	4285914	4243347	4180335	4236532	1.25	cps
Yttrium	89-1	24150582	24290673	24134009	24191755	0.36	cps
Yttrium	89-2	4384442	4368031	4314332	4355602	0.84	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	PB117694BS	Instrumnet Name :	P7
Client Sample ID :	PB117694BS	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:53:02	DataFile Name :	022DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1821729	1845694	1803618	1823680	1.16	cps
Zirconium	90-1	22881012	23073788	22832636	22929145	0.56	cps
Zirconium	91-1	4981779	5018204	5083414	5027799	1.02	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	K1777-01DUP	Instrumnet Name :	P7
Client Sample ID :	390219017.0DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:56:41	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1225	983	1083	1097	11.07	cps
Antimony	121-1	6460	5860	5568	5963	7.63	cps
Arsenic	75-1	-2750	-3118	-3287	-3052	-8.99	cps
Barium	135-1	2275	1992	1809	2025	11.61	cps
Barium	137-1	3651	3659	3142	3484	8.50	cps
Beryllium	9-1	580	463	360	468	23.53	cps
Bismuth	209-1	22044682	22241739	21559016	21948479	1.60	cps
Bismuth	209-2	12086117	12094329	12152834	12111093	0.30	cps
Boron	10-1	36194	32845	29371	32803	10.40	cps
Boron	11-1	166676	149264	137411	151117	9.74	cps
Cadmium	111-1	7144	6896	6460	6833	5.07	cps
Cadmium	106-1	9487	9095	8745	9109	4.08	cps
Cadmium	108-1	67	42	58	56	22.91	cps
Calcium	43-1	1700	1642	1542	1628	4.92	cps
Calcium	44-1	86756	86824	85365	86315	0.95	cps
Chromium	52-2	10607	10447	10617	10557	0.90	cps
Cobalt	59-2	670	470	457	532	22.46	cps
Copper	63-2	4114	4031	3817	3987	3.84	cps
Dysprosium	156-1	8	33	17	19	65.47	cps
Dysprosium	156-2	13	3	7	8	65.47	cps
Erbium	164-1	92	50	108	83	36.06	cps
Erbium	164-2	53	33	43	43	23.08	cps
Gadolinium	160-1	175	217	150	181	18.65	cps
Gadolinium	160-2	397	457	400	418	8.07	cps
Holmium	165-1	32244106	32215588	30816513	31758736	2.57	cps
Holmium	165-2	16681446	16564268	16828326	16691347	0.79	cps
Indium	115-1	23853208	24070519	23409466	23777731	1.42	cps
Indium	115-2	5452947	5515480	5564610	5511012	1.02	cps
Iron	56-2	50883	50471	50382	50579	0.53	cps
Iron	57-2	1328	1272	1272	1291	2.49	cps
Krypton	83-1	1587	1733	1767	1696	5.65	cps
Lead	206-1	3995	3895	3601	3830	5.36	cps
Lead	207-1	3389	3134	3000	3175	6.23	cps
Lead	208-1	15382	14909	14248	14846	3.84	cps
Lithium	6-1	7357866	7283310	7222446	7287874	0.93	cps
Magnesium	24-2	3967	3526	3225	3573	10.45	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	K1777-01DUP	Instrumnet Name :	P7
Client Sample ID :	390219017.0DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:56:41	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1750	1840	1807	1799	2.53	cps
Molybdenum	94-1	5276	4884	3709	4623	17.64	cps
Molybdenum	95-1	6935	5518	4676	5710	20.00	cps
Molybdenum	96-1	7319	6585	5301	6402	15.95	cps
Molybdenum	97-1	4509	3301	3201	3670	19.85	cps
Molybdenum	98-1	11238	9270	7269	9259	21.44	cps
Neodymium	150-1	20	20	0	13	86.60	cps
Neodymium	150-2	0	10	3	4	114.60	cps
Nickel	60-2	500	517	473	497	4.40	cps
Phosphorus	31-2	450	558	458	489	12.33	cps
Potassium	39-2	54560	54224	54852	54546	0.58	cps
Rhodium	103-1	22655018	22116607	21671437	22147687	2.22	cps
Rhodium	103-2	12131281	11982142	12139403	12084276	0.73	cps
Scandium	45-1	14683389	14619476	14042889	14448585	2.44	cps
Scandium	45-2	848876	864251	859674	857600	0.92	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	194	194	213	201	5.33	cps
Selenium	82-1	28	-137	-54	-54	-151.77	cps
Silicon	28-1	658632	665829	669931	664797	0.86	cps
Silver	109-1	2275	1950	1717	1981	14.16	cps
Silver	107-1	2225	1950	1759	1978	11.86	cps
Sodium	23-2	73631	75105	73154	73963	1.38	cps
Strontium	86-1	2759	3067	3109	2978	6.42	cps
Strontium	88-1	5626	5093	4368	5029	12.56	cps
Sulfur	34-1	392506	387715	388585	389602	0.66	cps
Terbium	159-1	32929270	33208010	32087398	32741560	1.78	cps
Terbium	159-2	16463957	16731794	16604261	16600004	0.81	cps
Thallium	203-1	3459	3009	2667	3045	13.04	cps
Thallium	205-1	8120	7452	6427	7333	11.63	cps
Thorium	232-1	13179	11639	9926	11582	14.05	cps
Tin	118-1	4659	4684	3892	4412	10.20	cps
Titanium	47-1	1508	1609	1400	1506	6.92	cps
Uranium	238-1	4509	3642	2809	3654	23.27	cps
Vanadium	51-2	177	180	130	162	17.23	cps
Yttrium	89-1	23758934	23295478	22878716	23311043	1.89	cps
Yttrium	89-2	4183515	4174933	4243337	4200595	0.89	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	K1777-01DUP	Instrumnet Name :	P7
Client Sample ID :	390219017.0DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 15:56:41	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	6291	6472	6508	6424	1.81	cps
Zirconium	90-1	3892	3701	3084	3559	11.87	cps
Zirconium	91-1	950	675	625	750	23.33	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	K1777-01	Instrumnet Name :	P7
Client Sample ID :	390219017.0	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 16:00:17	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	742	892	733	789	11.30	cps
Antimony	121-1	1575	1584	1809	1656	8.00	cps
Arsenic	75-1	-3287	-3065	-3463	-3272	-6.09	cps
Barium	135-1	992	1092	850	978	12.42	cps
Barium	137-1	1825	1809	1817	1817	0.46	cps
Beryllium	9-1	250	243	203	232	10.87	cps
Bismuth	209-1	22294621	22055216	22164847	22171562	0.54	cps
Bismuth	209-2	12123441	12151608	12177751	12150933	0.22	cps
Boron	10-1	15909	15158	14983	15350	3.20	cps
Boron	11-1	73780	72969	68632	71793	3.86	cps
Cadmium	111-1	6517	6623	6344	6494	2.17	cps
Cadmium	106-1	9087	9212	8836	9045	2.11	cps
Cadmium	108-1	21	13	42	25	60.10	cps
Calcium	43-1	1083	1050	1200	1111	7.09	cps
Calcium	44-1	76475	75681	76451	76202	0.59	cps
Chromium	52-2	8846	9080	9080	9002	1.50	cps
Cobalt	59-2	233	277	263	258	8.61	cps
Copper	63-2	3217	3210	3130	3186	1.51	cps
Dysprosium	156-1	42	17	33	31	41.66	cps
Dysprosium	156-2	3	10	13	9	57.30	cps
Erbium	164-1	92	150	117	119	24.50	cps
Erbium	164-2	53	20	57	43	46.79	cps
Gadolinium	160-1	192	250	175	206	19.16	cps
Gadolinium	160-2	403	367	370	380	5.34	cps
Holmium	165-1	31942165	31859828	32088516	31963503	0.36	cps
Holmium	165-2	16743387	16690004	16746553	16726648	0.19	cps
Indium	115-1	23892806	23826195	24023817	23914272	0.42	cps
Indium	115-2	5512080	5614092	5611207	5579126	1.04	cps
Iron	56-2	24471	24877	25690	25013	2.48	cps
Iron	57-2	583	583	539	569	4.51	cps
Krypton	83-1	1703	1577	1480	1587	7.06	cps
Lead	206-1	2100	2439	2278	2272	7.46	cps
Lead	207-1	1961	1978	1834	1924	4.11	cps
Lead	208-1	8707	9340	8968	9005	3.54	cps
Lithium	6-1	7371905	7364700	7453951	7396852	0.67	cps
Magnesium	24-2	2117	1950	2192	2086	5.93	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	K1777-01	Instrumnet Name :	P7
Client Sample ID :	390219017.0	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 16:00:17	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1377	1327	1470	1391	5.23	cps
Molybdenum	94-1	1608	1508	1417	1511	6.34	cps
Molybdenum	95-1	1400	1392	1142	1311	11.20	cps
Molybdenum	96-1	1817	1725	1583	1709	6.88	cps
Molybdenum	97-1	942	850	683	825	15.88	cps
Molybdenum	98-1	2434	2242	2117	2264	7.05	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	10	3	3	6	69.34	cps
Nickel	60-2	307	280	287	291	4.77	cps
Phosphorus	31-2	517	433	458	469	9.11	cps
Potassium	39-2	47076	47970	47343	47463	0.97	cps
Rhodium	103-1	22644841	22695631	22866865	22735779	0.51	cps
Rhodium	103-2	12214478	12239978	12243656	12232704	0.13	cps
Scandium	45-1	14579490	14752869	14564218	14632192	0.72	cps
Scandium	45-2	871933	862398	869272	867868	0.57	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	211	194	167	191	11.77	cps
Selenium	82-1	-32	68	203	80	147.89	cps
Silicon	28-1	630430	640005	645434	638623	1.19	cps
Silver	109-1	500	592	475	522	11.76	cps
Silver	107-1	542	867	708	706	23.03	cps
Sodium	23-2	58615	58623	59092	58777	0.46	cps
Strontium	86-1	2792	2675	2884	2784	3.75	cps
Strontium	88-1	2150	2267	2017	2145	5.83	cps
Sulfur	34-1	402040	406340	406190	404857	0.60	cps
Terbium	159-1	32779795	32840294	33100912	32907000	0.52	cps
Terbium	159-2	17011347	17031877	17019762	17020996	0.06	cps
Thallium	203-1	1750	1492	1383	1542	12.22	cps
Thallium	205-1	3801	3834	3584	3740	3.63	cps
Thorium	232-1	4401	3712	4001	4038	8.57	cps
Tin	118-1	2517	2400	2467	2461	2.38	cps
Titanium	47-1	825	792	783	800	2.76	cps
Uranium	238-1	742	642	700	695	7.23	cps
Vanadium	51-2	57	33	43	44	26.35	cps
Yttrium	89-1	23458536	23718546	23745770	23640951	0.67	cps
Yttrium	89-2	4224001	4211742	4208797	4214846	0.19	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	K1777-01	Instrumnet Name :	P7
Client Sample ID :	390219017.0	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 16:00:17	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3260	3347	3074	3227	4.33	cps
Zirconium	90-1	2325	2159	2009	2164	7.32	cps
Zirconium	91-1	467	392	575	478	19.29	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	K1777-01LX5	Instrumnet Name :	P7
Client Sample ID :	390219017.0L	Dilution Factor :	5
Date & Time Acquired ::	2019-03-08 16:03:53	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	300	375	425	367	17.16	cps
Antimony	121-1	750	967	817	845	13.14	cps
Arsenic	75-1	-3648	-3398	-3503	-3516	-3.57	cps
Barium	135-1	333	383	442	386	14.04	cps
Barium	137-1	592	725	717	678	11.02	cps
Beryllium	9-1	190	230	217	212	9.60	cps
Bismuth	209-1	23160166	22972434	23056152	23062917	0.41	cps
Bismuth	209-2	12647729	12579037	12723950	12650239	0.57	cps
Boron	10-1	9345	8945	8619	8970	4.05	cps
Boron	11-1	42929	41199	40196	41441	3.34	cps
Cadmium	111-1	6641	7016	6660	6772	3.12	cps
Cadmium	106-1	9379	9862	9412	9551	2.83	cps
Cadmium	108-1	46	42	29	39	22.30	cps
Calcium	43-1	833	917	933	895	5.99	cps
Calcium	44-1	74960	74517	74817	74764	0.30	cps
Chromium	52-2	5881	5785	5931	5866	1.27	cps
Cobalt	59-2	167	167	143	159	8.48	cps
Copper	63-2	2144	2304	2287	2245	3.92	cps
Dysprosium	156-1	25	25	17	22	21.64	cps
Dysprosium	156-2	10	0	0	3	173.21	cps
Erbium	164-1	75	67	133	92	39.63	cps
Erbium	164-2	43	77	40	53	38.02	cps
Gadolinium	160-1	158	125	183	156	18.81	cps
Gadolinium	160-2	433	403	453	430	5.85	cps
Holmium	165-1	33085965	33481396	33622629	33396663	0.83	cps
Holmium	165-2	17223598	17206185	17697407	17375730	1.60	cps
Indium	115-1	25079751	25018038	24798520	24965436	0.59	cps
Indium	115-2	5721540	5806703	5881697	5803313	1.38	cps
Iron	56-2	18902	19102	19636	19213	1.98	cps
Iron	57-2	533	506	550	530	4.24	cps
Krypton	83-1	1507	1627	1603	1579	4.03	cps
Lead	206-1	1761	1811	1756	1776	1.72	cps
Lead	207-1	1706	1511	1606	1608	6.05	cps
Lead	208-1	7501	7118	7034	7218	3.45	cps
Lithium	6-1	7633855	7605594	7594872	7611441	0.26	cps
Magnesium	24-2	1033	1175	1183	1131	7.46	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	K1777-01LX5	Instrumnet Name :	P7
Client Sample ID :	390219017.0L	Dilution Factor :	5
Date & Time Acquired ::	2019-03-08 16:03:53	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	420	443	363	409	10.06	cps
Molybdenum	94-1	975	1108	933	1006	9.09	cps
Molybdenum	95-1	692	725	558	658	13.40	cps
Molybdenum	96-1	1025	850	858	911	10.83	cps
Molybdenum	97-1	408	308	450	389	18.72	cps
Molybdenum	98-1	1150	1175	917	1081	13.19	cps
Neodymium	150-1	7	0	20	9	114.55	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	207	157	167	177	14.98	cps
Phosphorus	31-2	483	467	408	453	8.70	cps
Potassium	39-2	43105	44334	44292	43911	1.59	cps
Rhodium	103-1	23590118	23214848	23206078	23337014	0.94	cps
Rhodium	103-2	12637873	12599939	12815559	12684457	0.91	cps
Scandium	45-1	15437514	15318285	15289701	15348500	0.51	cps
Scandium	45-2	899477	900718	922191	907462	1.41	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	213	198	178	196	9.00	cps
Selenium	82-1	162	67	82	104	49.43	cps
Silicon	28-1	518625	520698	520650	519991	0.23	cps
Silver	109-1	525	592	450	522	13.57	cps
Silver	107-1	600	483	542	542	10.77	cps
Sodium	23-2	49574	48187	49273	49011	1.49	cps
Strontium	86-1	2792	2767	2700	2753	1.72	cps
Strontium	88-1	1408	1425	1392	1408	1.18	cps
Sulfur	34-1	424055	423989	425613	424552	0.22	cps
Terbium	159-1	33928015	34404685	34329984	34220895	0.75	cps
Terbium	159-2	17410348	17176106	17411941	17332798	0.78	cps
Thallium	203-1	1183	1175	1325	1228	6.87	cps
Thallium	205-1	2934	3151	3092	3059	3.67	cps
Thorium	232-1	2222	2167	2078	2156	3.38	cps
Tin	118-1	2742	2509	2642	2631	4.45	cps
Titanium	47-1	750	833	883	822	8.19	cps
Uranium	238-1	525	417	350	431	20.51	cps
Vanadium	51-2	23	23	23	23	0.00	cps
Yttrium	89-1	24383998	24640175	24602160	24542111	0.56	cps
Yttrium	89-2	4397743	4392609	4471328	4420560	1.00	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	K1777-01LX5	Instrumnet Name :	P7
Client Sample ID :	390219017.0L	Dilution Factor :	5
Date & Time Acquired ::	2019-03-08 16:03:53	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1097	1237	1377	1237	11.32	cps
Zirconium	90-1	1875	1934	1684	1831	7.15	cps
Zirconium	91-1	383	500	250	378	33.11	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	K1777-01MS	Instrumnet Name :	P7
Client Sample ID :	390219017.0MS	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 16:07:31	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	731418	731309	727911	730213	0.27	cps
Antimony	121-1	20346190	20080738	20028137	20151688	0.85	cps
Arsenic	75-1	4672813	4582656	4629646	4628372	0.97	cps
Barium	135-1	1292945	1308538	1273708	1291730	1.35	cps
Barium	137-1	2267075	2267577	2288999	2274550	0.55	cps
Beryllium	9-1	1273187	1268826	1263531	1268515	0.38	cps
Bismuth	209-1	21292719	22164539	22308453	21921904	2.51	cps
Bismuth	209-2	12244040	12177480	12009062	12143527	1.00	cps
Boron	10-1	387496	399929	406614	398013	2.44	cps
Boron	11-1	1808214	1856366	1898758	1854446	2.44	cps
Cadmium	111-1	1544366	1556098	1555161	1551875	0.42	cps
Cadmium	106-1	144221	147394	147040	146219	1.19	cps
Cadmium	108-1	102846	103118	103491	103152	0.31	cps
Calcium	43-1	100525	101280	99946	100584	0.67	cps
Calcium	44-1	1557736	1552596	1572897	1561076	0.68	cps
Chromium	52-2	4219681	4225464	4232650	4225932	0.15	cps
Cobalt	59-2	3463790	3460103	3509015	3477636	0.78	cps
Copper	63-2	3762105	3788039	3822191	3790778	0.80	cps
Dysprosium	156-1	1323916	1332208	1360827	1338984	1.45	cps
Dysprosium	156-2	432428	437060	439044	436177	0.78	cps
Erbium	164-1	242	258	325	275	16.04	cps
Erbium	164-2	133	170	133	146	14.54	cps
Gadolinium	160-1	550	592	542	561	4.77	cps
Gadolinium	160-2	517	567	647	577	11.37	cps
Holmium	165-1	31525286	32989463	32656494	32390415	2.37	cps
Holmium	165-2	17200937	17267133	16886871	17118314	1.19	cps
Indium	115-1	22657898	23660170	24089384	23469151	3.13	cps
Indium	115-2	5657615	5627206	5673673	5652831	0.42	cps
Iron	56-2	28724865	28550807	28841106	28705593	0.51	cps
Iron	57-2	689280	690772	692809	690953	0.26	cps
Krypton	83-1	1610	1693	1747	1683	4.09	cps
Lead	206-1	25410296	25582308	24942791	25311798	1.31	cps
Lead	207-1	22127502	22013780	21967165	22036149	0.37	cps
Lead	208-1	100801016	101018690	99729496	100516401	0.69	cps
Lithium	6-1	7089707	7304088	7468729	7287508	2.61	cps
Magnesium	24-2	1753050	1780211	1775040	1769434	0.82	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	K1777-01MS	Instrumnet Name :	P7
Client Sample ID :	390219017.0MS	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 16:07:31	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1310124	1310672	1329564	1316787	0.84	cps
Molybdenum	94-1	3159315	3148994	3178322	3162210	0.47	cps
Molybdenum	95-1	5495702	5468504	5534264	5499490	0.60	cps
Molybdenum	96-1	6014808	5865800	5925945	5935517	1.26	cps
Molybdenum	97-1	3468947	3484993	3462127	3472022	0.34	cps
Molybdenum	98-1	9113047	9008710	8929995	9017251	1.02	cps
Neodymium	150-1	187	193	127	169	21.74	cps
Neodymium	150-2	60	37	33	43	33.53	cps
Nickel	60-2	2265891	2251651	2315165	2277569	1.46	cps
Phosphorus	31-2	130939	132291	132636	131956	0.68	cps
Potassium	39-2	8265233	8433162	8242368	8313588	1.25	cps
Rhodium	103-1	21676721	22266992	23057946	22333887	3.10	cps
Rhodium	103-2	12308418	12147688	12119045	12191717	0.84	cps
Scandium	45-1	14099760	14747643	15133478	14660294	3.56	cps
Scandium	45-2	880321	886476	867568	878122	1.10	cps
Selenium	77-2	69925	69134	70434	69831	0.94	cps
Selenium	78-2	232631	234333	234309	233758	0.42	cps
Selenium	82-1	1138413	1145232	1144235	1142626	0.32	cps
Silicon	28-1	14785123	14883800	14822698	14830540	0.34	cps
Silver	109-1	2863007	2869565	2885593	2872722	0.40	cps
Silver	107-1	2929059	2953820	3028023	2970300	1.73	cps
Sodium	23-2	5116948	5012849	5084397	5071398	1.05	cps
Strontium	86-1	1697918	1721300	1703644	1707620	0.71	cps
Strontium	88-1	14902600	14812088	14553013	14755901	1.23	cps
Sulfur	34-1	379757	370469	364787	371671	2.03	cps
Terbium	159-1	32248240	33496864	33869526	33204877	2.56	cps
Terbium	159-2	17224570	17455079	17008400	17229349	1.30	cps
Thallium	203-1	61796649	61821528	61672726	61763635	0.13	cps
Thallium	205-1	148764195	149047662	146230866	148014241	1.05	cps
Thorium	232-1	6469	6913	6852	6745	3.57	cps
Tin	118-1	17134771	16936473	17000377	17023874	0.59	cps
Titanium	47-1	803388	801547	799411	801449	0.25	cps
Uranium	238-1	542	642	550	578	9.60	cps
Vanadium	51-2	2465650	2477265	2494522	2479146	0.59	cps
Yttrium	89-1	22713615	23846822	24021728	23527389	3.02	cps
Yttrium	89-2	4370259	4374234	4316557	4353683	0.74	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	K1777-01MS	Instrumnet Name :	P7
Client Sample ID :	390219017.0MS	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 16:07:31	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	379893	383794	382191	381959	0.51	cps
Zirconium	90-1	16911	15592	14908	15804	6.44	cps
Zirconium	91-1	6393	6518	6085	6332	3.52	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	K1777-01MSD	Instrumnet Name :	P7
Client Sample ID :	390219017.0MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 16:11:10	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	767982	757934	752326	759414	1.04	cps
Antimony	121-1	19523454	19946730	19467111	19645765	1.33	cps
Arsenic	75-1	4661266	4707346	4746518	4705043	0.91	cps
Barium	135-1	1342744	1349561	1339648	1343985	0.38	cps
Barium	137-1	2326796	2373857	2380812	2360488	1.24	cps
Beryllium	9-1	1281942	1292811	1294297	1289684	0.52	cps
Bismuth	209-1	21949209	21703513	22069078	21907267	0.85	cps
Bismuth	209-2	11977246	11913974	12034679	11975300	0.50	cps
Boron	10-1	414513	428029	432335	424959	2.19	cps
Boron	11-1	1918662	1968112	2025450	1970742	2.71	cps
Cadmium	111-1	1566007	1599752	1613555	1593105	1.54	cps
Cadmium	106-1	146032	147857	148945	147611	1.00	cps
Cadmium	108-1	104263	106725	108184	106391	1.86	cps
Calcium	43-1	100205	101866	103370	101814	1.55	cps
Calcium	44-1	1588921	1622980	1605347	1605749	1.06	cps
Chromium	52-2	4360707	4361450	4350179	4357445	0.14	cps
Cobalt	59-2	3557967	3570728	3609835	3579510	0.76	cps
Copper	63-2	3931892	3928109	3950274	3936758	0.30	cps
Dysprosium	156-1	1383154	1382385	1369280	1378273	0.57	cps
Dysprosium	156-2	449563	449379	447077	448673	0.31	cps
Erbium	164-1	267	275	383	308	21.11	cps
Erbium	164-2	177	127	137	147	18.04	cps
Gadolinium	160-1	533	567	475	525	8.84	cps
Gadolinium	160-2	663	657	480	600	17.33	cps
Holmium	165-1	32729621	32202549	32494767	32475646	0.81	cps
Holmium	165-2	16961790	16842935	16852303	16885676	0.39	cps
Indium	115-1	23539959	23440567	23578464	23519663	0.30	cps
Indium	115-2	5563010	5535899	5650180	5583030	1.07	cps
Iron	56-2	29850485	29675656	29589024	29705055	0.45	cps
Iron	57-2	715460	717602	722108	718390	0.47	cps
Krypton	83-1	1603	1623	1600	1609	0.78	cps
Lead	206-1	25812468	26483568	26068395	26121477	1.30	cps
Lead	207-1	22794376	22702391	22884950	22793906	0.40	cps
Lead	208-1	103953147	103794900	104880209	104209418	0.56	cps
Lithium	6-1	7212053	7239067	7181244	7210788	0.40	cps
Magnesium	24-2	1848260	1827647	1826690	1834199	0.66	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	K1777-01MSD	Instrumnet Name :	P7
Client Sample ID :	390219017.0MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 16:11:10	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1382327	1354348	1367499	1368058	1.02	cps
Molybdenum	94-1	3056891	3073771	3072170	3067611	0.30	cps
Molybdenum	95-1	5398524	5324818	5342736	5355360	0.72	cps
Molybdenum	96-1	5707105	5801743	5830083	5779644	1.11	cps
Molybdenum	97-1	3312746	3355067	3355949	3341254	0.74	cps
Molybdenum	98-1	8640321	8663524	8703327	8669057	0.37	cps
Neodymium	150-1	187	93	140	140	33.33	cps
Neodymium	150-2	43	50	50	48	8.06	cps
Nickel	60-2	2357890	2372038	2349250	2359726	0.49	cps
Phosphorus	31-2	134208	135428	134721	134786	0.45	cps
Potassium	39-2	8542551	8608978	8477246	8542925	0.77	cps
Rhodium	103-1	22130526	22269395	21884554	22094825	0.88	cps
Rhodium	103-2	12152888	12116896	12005776	12091853	0.63	cps
Scandium	45-1	14443885	14446831	14478374	14456363	0.13	cps
Scandium	45-2	868492	863434	865979	865968	0.29	cps
Selenium	77-2	71275	72196	71348	71606	0.71	cps
Selenium	78-2	237110	238125	235913	237049	0.47	cps
Selenium	82-1	1152827	1166137	1165093	1161352	0.64	cps
Silicon	28-1	14742602	14806898	14782614	14777372	0.22	cps
Silver	109-1	2936297	2983504	3011215	2977006	1.27	cps
Silver	107-1	2991808	3045144	3082552	3039835	1.50	cps
Sodium	23-2	5247945	5198389	5233569	5226634	0.49	cps
Strontium	86-1	1763640	1751456	1736369	1750488	0.78	cps
Strontium	88-1	15448146	15075960	15128255	15217454	1.32	cps
Sulfur	34-1	345406	345498	341737	344214	0.62	cps
Terbium	159-1	33224218	33338649	33093351	33218739	0.37	cps
Terbium	159-2	17166731	17037337	16849878	17017982	0.94	cps
Thallium	203-1	63812424	63659816	64741224	64071155	0.91	cps
Thallium	205-1	153724124	156461774	154715787	154967228	0.89	cps
Thorium	232-1	4190	4045	3934	4056	3.16	cps
Tin	118-1	16964975	16790390	16568938	16774768	1.18	cps
Titanium	47-1	769179	773314	765550	769348	0.50	cps
Uranium	238-1	442	525	592	519	14.47	cps
Vanadium	51-2	2567971	2539256	2550661	2552630	0.57	cps
Yttrium	89-1	23522387	23462339	23378230	23454319	0.31	cps
Yttrium	89-2	4301760	4281121	4308696	4297192	0.33	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	K1777-01MSD	Instrumnet Name :	P7
Client Sample ID :	390219017.0MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 16:11:10	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	389821	399021	395980	394941	1.19	cps
Zirconium	90-1	11613	11397	10963	11324	2.92	cps
Zirconium	91-1	5251	5076	5143	5157	1.71	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	K1777-01A	Instrumnet Name :	P7
Client Sample ID :	390219017.0A	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 16:14:48	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	725060	724027	731858	726982	0.59	cps
Antimony	121-1	19902019	19754350	19715655	19790675	0.50	cps
Arsenic	75-1	4536211	4659123	4617745	4604359	1.36	cps
Barium	135-1	1292713	1306176	1287282	1295391	0.75	cps
Barium	137-1	2262750	2291139	2301771	2285220	0.88	cps
Beryllium	9-1	1254706	1259078	1253992	1255925	0.22	cps
Bismuth	209-1	22299086	22398573	21875834	22191165	1.25	cps
Bismuth	209-2	11994799	12013253	12036430	12014827	0.17	cps
Boron	10-1	400320	420871	425711	415634	3.24	cps
Boron	11-1	1876716	1966446	1999032	1947398	3.25	cps
Cadmium	111-1	1536401	1542081	1547144	1541875	0.35	cps
Cadmium	106-1	149314	145425	144532	146424	1.74	cps
Cadmium	108-1	101838	103824	102498	102720	0.98	cps
Calcium	43-1	96625	99620	98671	98305	1.56	cps
Calcium	44-1	1514781	1528367	1563785	1535644	1.65	cps
Chromium	52-2	4135330	4122240	4146284	4134618	0.29	cps
Cobalt	59-2	3387283	3417316	3441492	3415363	0.80	cps
Copper	63-2	3749058	3707389	3789588	3748678	1.10	cps
Dysprosium	156-1	1305442	1324726	1299668	1309946	1.00	cps
Dysprosium	156-2	422210	428423	433086	427906	1.28	cps
Erbium	164-1	283	267	225	258	11.63	cps
Erbium	164-2	110	120	100	110	9.09	cps
Gadolinium	160-1	525	642	650	606	11.54	cps
Gadolinium	160-2	520	533	557	537	3.46	cps
Holmium	165-1	32616117	32820274	32686536	32707642	0.32	cps
Holmium	165-2	16791233	16875750	16844286	16837090	0.25	cps
Indium	115-1	23449574	23344755	23477142	23423824	0.30	cps
Indium	115-2	5509750	5511972	5538050	5519924	0.29	cps
Iron	56-2	28058923	28081630	27947895	28029483	0.26	cps
Iron	57-2	682763	675468	685793	681341	0.78	cps
Krypton	83-1	1597	1633	1690	1640	2.87	cps
Lead	206-1	25316927	25034265	25471467	25274220	0.88	cps
Lead	207-1	22019214	22028323	22026314	22024617	0.02	cps
Lead	208-1	101165540	101421927	100407816	100998428	0.52	cps
Lithium	6-1	7242157	7256237	7356613	7285002	0.86	cps
Magnesium	24-2	1745577	1748779	1746492	1746949	0.09	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	K1777-01A	Instrumnet Name :	P7
Client Sample ID :	390219017.0A	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 16:14:48	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1293625	1277752	1302895	1291424	0.98	cps
Molybdenum	94-1	3056866	3081286	3084914	3074355	0.50	cps
Molybdenum	95-1	5407666	5406237	5346679	5386861	0.65	cps
Molybdenum	96-1	5777395	5732135	5739018	5749516	0.42	cps
Molybdenum	97-1	3351279	3353042	3387306	3363876	0.60	cps
Molybdenum	98-1	8771712	8686513	8736309	8731511	0.49	cps
Neodymium	150-1	153	187	180	173	10.18	cps
Neodymium	150-2	60	27	27	38	50.93	cps
Nickel	60-2	2258874	2230486	2236012	2241791	0.67	cps
Phosphorus	31-2	127484	127602	127609	127565	0.06	cps
Potassium	39-2	8051631	8120931	8190571	8121044	0.86	cps
Rhodium	103-1	22193887	22158793	22430039	22260906	0.66	cps
Rhodium	103-2	11975404	11980238	11933418	11963020	0.22	cps
Scandium	45-1	14336577	14426992	14616571	14460047	0.99	cps
Scandium	45-2	857229	855758	854174	855720	0.18	cps
Selenium	77-2	67848	67698	69972	68506	1.86	cps
Selenium	78-2	227081	227155	228940	227725	0.46	cps
Selenium	82-1	1114169	1127169	1125546	1122295	0.63	cps
Silicon	28-1	14355989	14551951	14417383	14441774	0.69	cps
Silver	109-1	2859084	2858175	2871435	2862898	0.26	cps
Silver	107-1	2936425	2936518	2923671	2932205	0.25	cps
Sodium	23-2	4963316	4984241	4963427	4970328	0.24	cps
Strontium	86-1	1659839	1678004	1679114	1672319	0.65	cps
Strontium	88-1	14615132	14799819	14533066	14649339	0.93	cps
Sulfur	34-1	336839	334863	329776	333826	1.09	cps
Terbium	159-1	33612104	33441554	33381837	33478498	0.36	cps
Terbium	159-2	17083988	16915106	17195396	17064830	0.83	cps
Thallium	203-1	61576424	62987406	62080368	62214733	1.15	cps
Thallium	205-1	151458553	148932066	151504141	150631587	0.98	cps
Thorium	232-1	3117	2945	2673	2912	7.70	cps
Tin	118-1	16884306	16628186	16634650	16715714	0.87	cps
Titanium	47-1	769839	770854	771307	770667	0.10	cps
Uranium	238-1	442	400	558	467	17.59	cps
Vanadium	51-2	2400801	2408282	2417525	2408869	0.35	cps
Yttrium	89-1	23476470	23873378	23524261	23624703	0.92	cps
Yttrium	89-2	4212211	4168764	4221686	4200887	0.67	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	K1777-01A	Instrumnet Name :	P7
Client Sample ID :	390219017.0A	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 16:14:48	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	371361	374491	385249	377034	1.93	cps
Zirconium	90-1	10229	10813	10262	10435	3.14	cps
Zirconium	91-1	4826	4934	5151	4971	3.33	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P7
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 16:18:33	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20898122	21246498	20941004	21028541	0.90	cps
Antimony	121-1	10833570	10966128	10941802	10913833	0.65	cps
Arsenic	75-1	2661470	2702042	2689064	2684192	0.77	cps
Barium	135-1	15704760	15620627	15491808	15605732	0.69	cps
Barium	137-1	26931072	27082560	26827807	26947146	0.48	cps
Beryllium	9-1	3196825	3232332	3221618	3216925	0.57	cps
Bismuth	209-1	18043992	18120395	18062407	18075598	0.22	cps
Bismuth	209-2	9972808	9898897	10013025	9961577	0.58	cps
Boron	10-1	611152	644120	649981	635085	3.30	cps
Boron	11-1	2919247	3016924	3056813	2997661	2.36	cps
Cadmium	111-1	3621057	3615767	3614698	3617174	0.09	cps
Cadmium	106-1	397106	393638	397664	396136	0.55	cps
Cadmium	108-1	265816	269189	271016	268674	0.98	cps
Calcium	43-1	20003973	20372524	20084746	20153747	0.96	cps
Calcium	44-1	320055649	327282399	325227524	324188524	1.15	cps
Chromium	52-2	5161959	5238983	5254513	5218485	0.95	cps
Cobalt	59-2	8081863	8204092	8198112	8161356	0.84	cps
Copper	63-2	11258431	11351874	11240345	11283550	0.53	cps
Dysprosium	156-1	342	425	342	369	13.02	cps
Dysprosium	156-2	270	323	307	300	9.09	cps
Erbium	164-1	133	142	142	139	3.47	cps
Erbium	164-2	67	73	70	70	4.76	cps
Gadolinium	160-1	267	383	283	311	20.28	cps
Gadolinium	160-2	420	410	410	413	1.40	cps
Holmium	165-1	30986881	30920127	31110813	31005940	0.31	cps
Holmium	165-2	16296238	16174331	16236291	16235620	0.38	cps
Indium	115-1	21335263	21383433	21581477	21433391	0.61	cps
Indium	115-2	5095776	5167264	5234329	5165790	1.34	cps
Iron	56-2	1124663892	1129901803	1140146203	1131570633	0.70	cps
Iron	57-2	27336278	27630397	27516226	27494300	0.54	cps
Krypton	83-1	1420	1603	1593	1539	6.70	cps
Lead	206-1	11105296	11193365	11157756	11152139	0.40	cps
Lead	207-1	9891048	10083324	9845045	9939806	1.27	cps
Lead	208-1	44952116	45259323	44923611	45045017	0.41	cps
Lithium	6-1	6867675	6963287	6951049	6927337	0.75	cps
Magnesium	24-2	212878684	216245597	218518255	215880845	1.31	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P7
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 16:18:33	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6359420	6443413	6491261	6431365	1.04	cps
Molybdenum	94-1	27159463	27043913	27302899	27168758	0.48	cps
Molybdenum	95-1	33910321	33929618	34033376	33957772	0.19	cps
Molybdenum	96-1	37577315	37722125	37860773	37720071	0.38	cps
Molybdenum	97-1	21196669	21337658	21352062	21295463	0.40	cps
Molybdenum	98-1	55352568	55924447	55853287	55710101	0.56	cps
Neodymium	150-1	1080	1167	1227	1158	6.37	cps
Neodymium	150-2	227	190	160	192	17.37	cps
Nickel	60-2	1973955	1982767	1983953	1980225	0.28	cps
Phosphorus	31-2	227334	226643	226988	226989	0.15	cps
Potassium	39-2	105631898	106734713	107419659	106595423	0.85	cps
Rhodium	103-1	18995923	19091804	19435811	19174512	1.21	cps
Rhodium	103-2	10254877	10328304	10496363	10359848	1.19	cps
Scandium	45-1	14130297	14290464	14474326	14298362	1.20	cps
Scandium	45-2	874325	871015	887281	877541	0.98	cps
Selenium	77-2	18752	18125	18702	18526	1.88	cps
Selenium	78-2	61513	61573	61165	61417	0.36	cps
Selenium	82-1	288754	289600	295973	291442	1.35	cps
Silicon	28-1	7590643	7738276	7700783	7676567	1.00	cps
Silver	109-1	17055156	17123010	17136122	17104763	0.25	cps
Silver	107-1	17627739	17730608	17781839	17713396	0.44	cps
Sodium	23-2	415235576	411519818	417916851	414890748	0.77	cps
Strontium	86-1	4718965	4814191	4862614	4798590	1.52	cps
Strontium	88-1	41991466	41641408	42174739	41935871	0.65	cps
Sulfur	34-1	1869144	1894997	1880388	1881510	0.69	cps
Terbium	159-1	31893340	31591190	31939270	31807933	0.59	cps
Terbium	159-2	16080739	16189861	16328707	16199769	0.77	cps
Thallium	203-1	14158456	14254107	14028149	14146904	0.80	cps
Thallium	205-1	34081963	34457820	33544413	34028065	1.35	cps
Thorium	232-1	50002755	49657957	50274423	49978378	0.62	cps
Tin	118-1	10644472	10801926	10725861	10724086	0.73	cps
Titanium	47-1	9435472	9546964	9554427	9512288	0.70	cps
Uranium	238-1	49400574	49344732	49448307	49397871	0.10	cps
Vanadium	51-2	4158309	4196372	4219761	4191481	0.74	cps
Yttrium	89-1	22272158	22555049	22845824	22557677	1.27	cps
Yttrium	89-2	4090137	4144738	4227118	4153998	1.66	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P7
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 16:18:33	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1657163	1661138	1667824	1662042	0.32	cps
Zirconium	90-1	21835560	22162557	22069135	22022417	0.76	cps
Zirconium	91-1	4790715	4873571	4851611	4838632	0.89	cps

LB Number : LB101274 Operator : Jaswal
 Lab Sample ID : CCB21 Instrumnet Name : P7
 Client Sample ID : CCB21 Dilution Factor : 1
 Date & Time Acquired :: 2019-03-08 16:22:17 DataFile Name : 030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	900	967	700	856	16.22	cps
Antimony	121-1	6560	6543	6518	6541	0.32	cps
Arsenic	75-1	-2795	-2686	-3145	-2875	-8.35	cps
Barium	135-1	1367	1050	958	1125	19.05	cps
Barium	137-1	2317	1700	1692	1903	18.84	cps
Beryllium	9-1	527	550	513	530	3.50	cps
Bismuth	209-1	22729881	22685900	22543868	22653216	0.43	cps
Bismuth	209-2	12297531	12433664	12381207	12370801	0.56	cps
Boron	10-1	39795	37147	34766	37236	6.76	cps
Boron	11-1	184077	167856	159593	170509	7.30	cps
Cadmium	111-1	7535	7052	6980	7189	4.20	cps
Cadmium	106-1	9912	9320	9420	9551	3.32	cps
Cadmium	108-1	100	79	104	94	14.18	cps
Calcium	43-1	2367	1725	1625	1906	21.12	cps
Calcium	44-1	94807	91913	86548	91089	4.60	cps
Chromium	52-2	5761	5424	5324	5503	4.16	cps
Cobalt	59-2	560	523	423	502	14.08	cps
Copper	63-2	2290	2220	2260	2257	1.56	cps
Dysprosium	156-1	50	50	25	42	34.64	cps
Dysprosium	156-2	23	10	23	19	40.75	cps
Erbium	164-1	83	125	117	108	20.35	cps
Erbium	164-2	63	43	57	54	18.71	cps
Gadolinium	160-1	133	208	167	169	22.18	cps
Gadolinium	160-2	390	410	393	398	2.69	cps
Holmium	165-1	33104926	33558492	33027496	33230305	0.86	cps
Holmium	165-2	17064891	17098657	17046977	17070175	0.15	cps
Indium	115-1	24826137	24622326	24651407	24699957	0.45	cps
Indium	115-2	5806886	5797542	5825339	5809923	0.24	cps
Iron	56-2	58501	53498	48826	53608	9.03	cps
Iron	57-2	1467	1411	1211	1363	9.86	cps
Krypton	83-1	1683	1603	1587	1625	3.18	cps
Lead	206-1	3573	3273	3117	3321	6.97	cps
Lead	207-1	3167	3189	2939	3099	4.47	cps
Lead	208-1	14259	13792	12681	13577	5.97	cps
Lithium	6-1	7727863	7775150	7735108	7746040	0.33	cps
Magnesium	24-2	8945	7561	7486	7997	10.27	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P7
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 16:22:17	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	330	373	323	342	7.93	cps
Molybdenum	94-1	5335	5001	4259	4865	11.32	cps
Molybdenum	95-1	7352	6052	5268	6224	16.92	cps
Molybdenum	96-1	8745	6844	6218	7269	18.10	cps
Molybdenum	97-1	4651	4109	3817	4192	10.09	cps
Molybdenum	98-1	11989	9687	8670	10115	16.81	cps
Neodymium	150-1	0	27	0	9	173.21	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	230	270	257	252	8.07	cps
Phosphorus	31-2	383	467	358	403	14.08	cps
Potassium	39-2	59764	60692	58909	59788	1.49	cps
Rhodium	103-1	22950532	23242579	23339432	23177514	0.87	cps
Rhodium	103-2	12517035	12579564	12611111	12569237	0.38	cps
Scandium	45-1	15224369	15292089	15124956	15213805	0.55	cps
Scandium	45-2	906983	902928	904309	904740	0.23	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	220	257	174	217	19.21	cps
Selenium	82-1	60	110	99	90	29.43	cps
Silicon	28-1	537857	536182	531430	535156	0.62	cps
Silver	109-1	2417	2375	1917	2236	12.41	cps
Silver	107-1	2575	2392	2209	2392	7.66	cps
Sodium	23-2	90238	88444	84873	87852	3.11	cps
Strontium	86-1	3217	2934	3209	3120	5.17	cps
Strontium	88-1	3942	3609	3259	3603	9.49	cps
Sulfur	34-1	415035	421427	425752	420738	1.28	cps
Terbium	159-1	34202397	34320780	34184929	34236036	0.22	cps
Terbium	159-2	17238206	17447176	17035486	17240289	1.19	cps
Thallium	203-1	7811	7252	7469	7511	3.75	cps
Thallium	205-1	19114	18146	18288	18516	2.82	cps
Thorium	232-1	10894	9787	8470	9717	12.49	cps
Tin	118-1	5360	5276	4759	5132	6.34	cps
Titanium	47-1	1308	1450	1117	1292	12.95	cps
Uranium	238-1	4443	3617	2859	3640	21.77	cps
Vanadium	51-2	237	213	173	208	15.41	cps
Yttrium	89-1	24373276	24120721	24412620	24302206	0.65	cps
Yttrium	89-2	4333931	4365773	4361921	4353875	0.40	cps

LB Number :	LB101274	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P7
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2019-03-08 16:22:17	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	703	707	697	702	0.73	cps
Zirconium	90-1	3542	3892	3826	3753	4.95	cps
Zirconium	91-1	842	733	683	753	10.75	cps