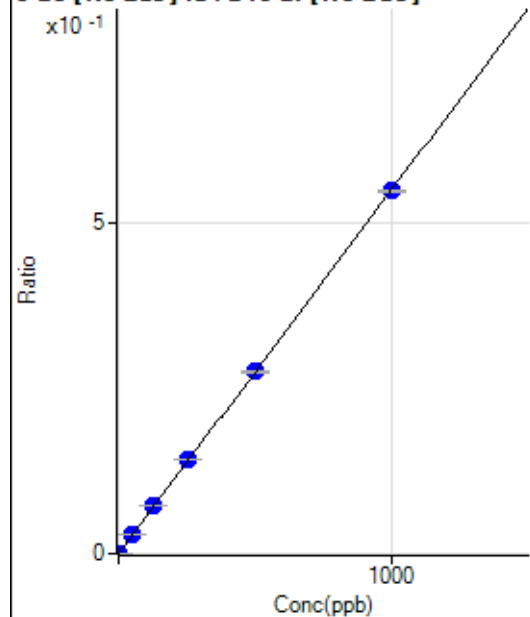


Batch Folder: D:\ICP-MS Data\P7123019MS3.b\
Analysis File: P7123019MS3.batch.bin
DA Date-Time: 2020-01-08 11:56:12
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-12-30 18:07:10
2	004CALS.d	S02	2019-12-30 18:10:49
3	005CALS.d	S03	2019-12-30 18:15:38
4	006CALS.d	S04	2019-12-30 18:19:59
5	007CALS.d	S05	2019-12-30 18:23:54
6	008CALS.d	S06	2019-12-30 18:27:47
7	009CALS.d	S07	2019-12-30 18:31:37
8	010CALS.d	S08	2019-12-30 18:35:26

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	101.86	0.0000	P	30.5
2	☐	1.000	1.022	2546.58	0.0006	P	3.5
3	☐	50.000	51.530	124312.07	0.0284	P	1.1
4	☐	125.000	130.284	304390.07	0.0718	P	0.3
5	☐	250.000	256.995	578991.50	0.1417	P	0.3
6	☐	500.000	500.086	1077716.28	0.2757	P	0.4
7	☐	1000.000	997.471	2128922.34	0.5499	P	0.6
8	☐			505.58	0.0001	P	4.0

$$y = 5.5124\text{E-}004 * x + 2.3457\text{E-}005$$

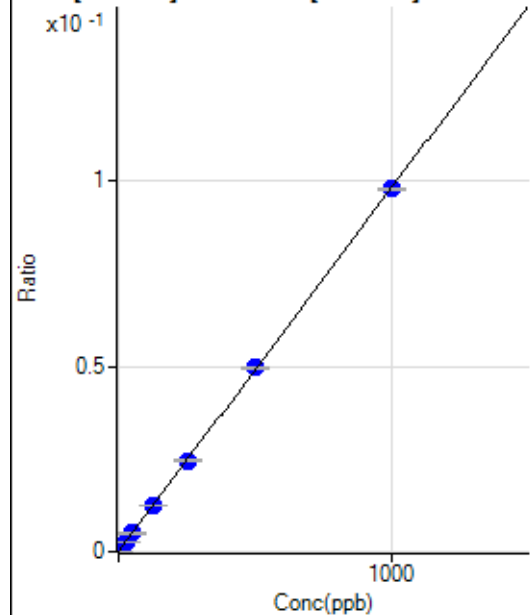
$$R = 1.0000$$

$$DL = 0.039$$

$$BEC = 0.04255$$

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	313.91	0.0001	P	19.5
2	☐	25.000	24.320	10665.25	0.0025	P	1.8
3	☐	50.000	49.850	21688.49	0.0050	P	2.1
4	☐	125.000	126.193	52729.38	0.0124	P	1.9
5	☐	250.000	250.330	100585.04	0.0246	P	2.0
6	☐	500.000	505.310	193957.64	0.0496	P	0.7
7	☐	1000.000	997.138	378805.81	0.0978	P	0.5
8	☐			9420.02	0.0026	P	5.6

$$y = 9.8049\text{E-}005 * x + 7.2391\text{E-}005$$

$$R = 1.0000$$

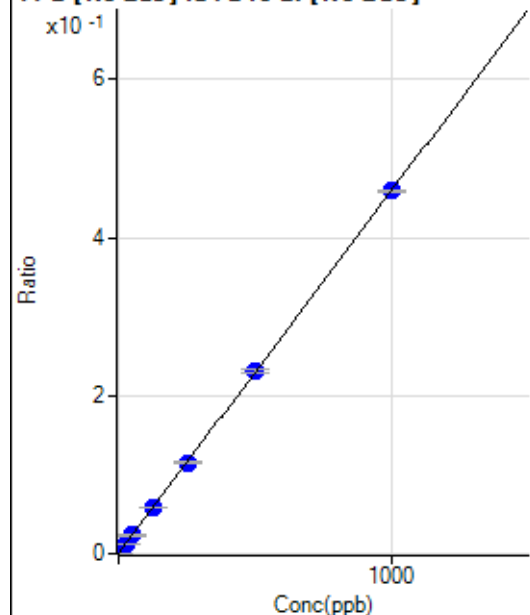
$$DL = 0.4321$$

$$BEC = 0.7383$$

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	1597.37	0.0004	P	3.4
2	☐	25.000	24.475	50360.07	0.0116	P	2.7
3	☐	50.000	49.772	101495.24	0.0232	P	1.0
4	☐	125.000	126.603	247727.58	0.0585	P	1.8
5	☐	250.000	250.326	470891.09	0.1153	P	2.9
6	☐	500.000	500.595	899473.20	0.2301	P	2.2
7	☐	1000.000	999.445	1777297.61	0.4590	P	0.2
8	☐			44037.71	0.0120	P	9.7

$$y = 4.5893\text{E-}004 * x + 3.6829\text{E-}004$$

$$R = 1.0000$$

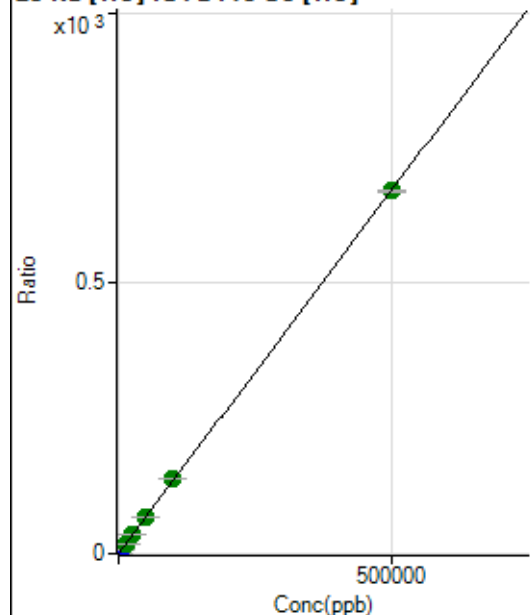
$$DL = 0.08305$$

$$BEC = 0.8025$$

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	18336.78	0.0604	P	1.5
2	☐	500.000	531.243	241166.20	0.7739	P	0.7
3	☐	5000.000	5295.327	2234198.08	7.1724	P	0.9
4	☐	12500.000	13229.461	5468350.64	17.8285	A	0.8
5	☐	25000.000	26096.030	10389489.38	35.1093	A	0.3
6	☐	50000.000	51336.589	20361012.09	69.0092	A	0.3
7	☐	100000.00	102509.39	41882499.20	137.7381	A	0.4
8	☐	500000.00	499288.43	198147658.6	670.6418	A	0.4

$$y = 0.0013 * x + 0.0604$$

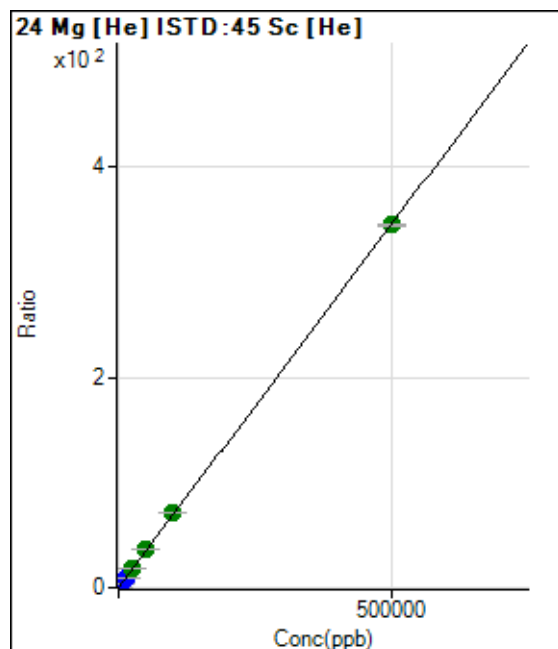
$$R = 1.0000$$

$$DL = 1.961$$

$$BEC = 44.97$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	294.46	0.0010	P	9.3
2	☐	500.000	556.333	120122.54	0.3855	P	1.5
3	☐	5000.000	5383.743	1159356.61	3.7218	P	0.7
4	☐	12500.000	13570.514	2877031.53	9.3800	P	0.6
5	☐	25000.000	26410.869	5401742.96	18.2543	A	0.4
6	☐	50000.000	52093.918	10623297.54	36.0047	A	0.8
7	☐	100000.00	102580.45	21557984.33	70.8974	A	1.0
8	☐	500000.00	499173.31	101933119.6	344.9949	A	0.3

$$y = 6.9113\text{E-}004 * x + 9.6963\text{E-}004$$

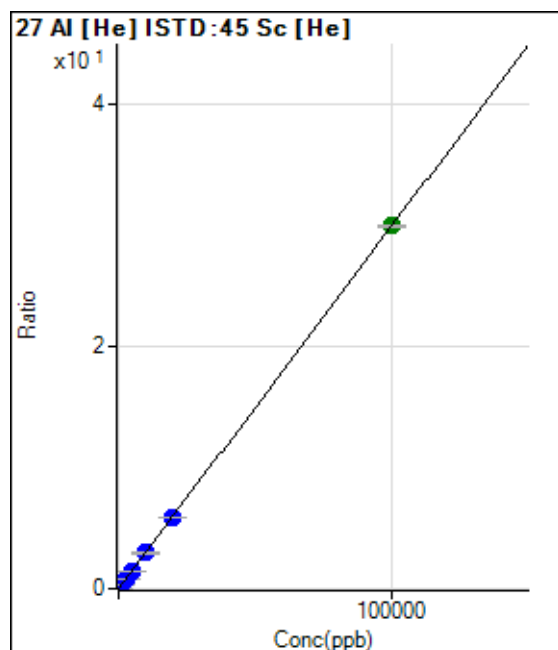
$$R = 1.0000$$

$$DL = 0.3932$$

$$BEC = 1.403$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	58.34	0.0002	P	13.7
2	☐	20.000	19.624	1886.31	0.0061	P	6.8
3	☐	1000.000	1012.547	94288.09	0.3027	P	0.3
4	☐	2500.000	2546.932	233435.28	0.7610	P	0.9
5	☐	5000.000	5006.766	442660.91	1.4959	P	0.3
6	☐	10000.000	9826.732	866220.62	2.9358	P	0.7
7	☐	20000.000	19495.034	1770931.81	5.8240	P	0.8
8	☐	100000.00	100116.68	8836900.29	29.9085	A	0.4

$$y = 2.9873\text{E-}004 * x + 1.9207\text{E-}004$$

$$R = 1.0000$$

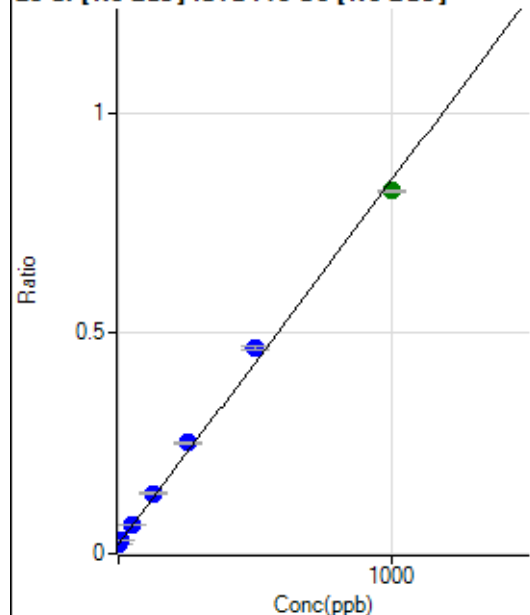
$$DL = 0.2648$$

$$BEC = 0.643$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	164615.29	0.0210	P	1.5
2	☐	10.000	9.304	226118.03	0.0287	P	0.6
3	☐	50.000	54.745	531519.74	0.0662	P	0.5
4	☐	125.000	140.606	1082657.38	0.1370	P	1.5
5	☐	250.000	278.640	1940154.17	0.2509	P	0.8
6	☐	500.000	538.672	3440274.38	0.4654	P	1.8
7	☐	1000.000	971.323	6248138.33	0.8224	A	0.8
8	☐			715385.09	0.0988	P	1.0

$$y = 8.2508\text{E-}004 * x + 0.0210$$

$$R = 0.9983$$

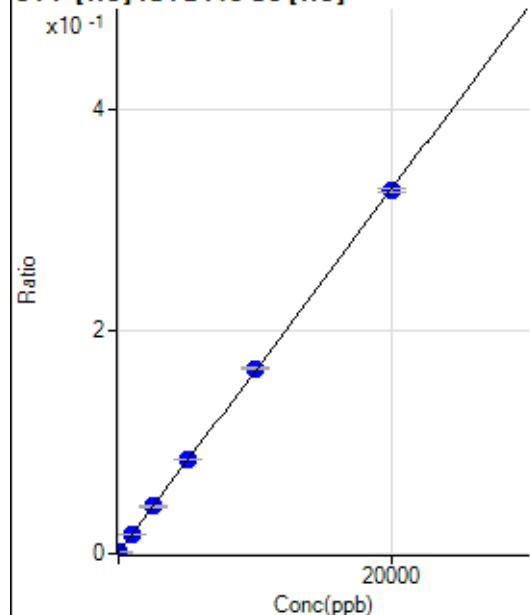
$$DL = 1.183$$

$$BEC = 25.45$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-31.239	141.67	0.0005	P	30.1
2	☐	0.000	31.239	463.91	0.0015	P	4.1
3	☐	1000.000	985.115	5320.61	0.0171	P	2.5
4	☐	2500.000	2575.222	13209.19	0.0431	P	3.7
5	☐	5000.000	5136.309	25130.45	0.0849	P	1.5
6	☐	10000.000	10111.950	49051.28	0.1663	P	0.8
7	☐	20000.000	19901.289	99201.85	0.3263	P	1.2
8	☐			205.57	0.0007	P	14.5

$$y = 1.6344\text{E-}005 * x + 9.7799\text{E-}004$$

$$R = 0.9999$$

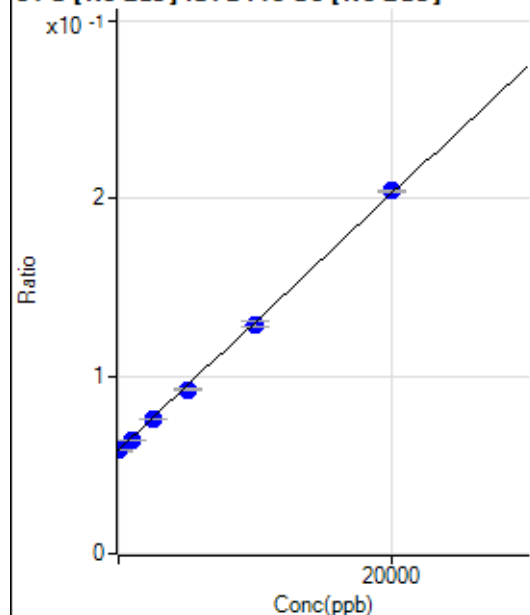
$$DL = 18.48$$

$$BEC = 59.84$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-45.892	455248.72	0.0581	P	0.8
2	☐	0.000	45.892	463114.18	0.0587	P	0.4
3	☐	1000.000	774.005	513992.39	0.0640	P	0.4
4	☐	2500.000	2423.209	599728.26	0.0759	P	1.1
5	☐	5000.000	4700.142	713985.75	0.0923	P	1.0
6	☐	10000.000	9780.315	953504.53	0.1290	P	2.3
7	☐	20000.000	20205.706	1551948.46	0.2043	P	0.9
8	☐			386631.33	0.0534	P	2.4

$$y = 7.2198\text{E-}006 * x + 0.0584$$

R = 0.9998

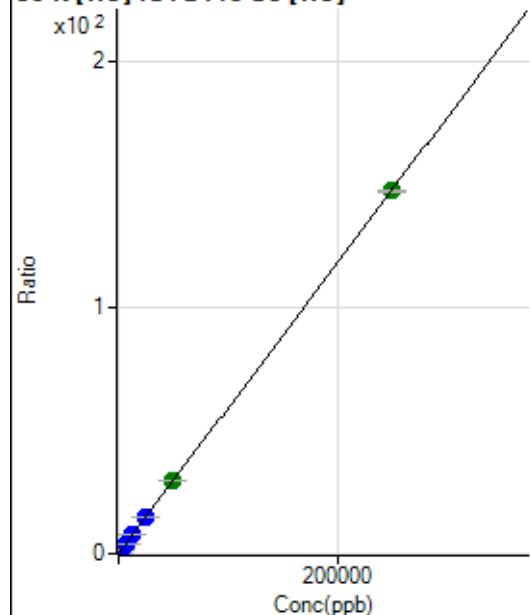
DL = 146.2

BEC = 8089

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	18965.57	0.0625	P	1.3
2	☐	500.000	517.033	114305.05	0.3668	P	0.6
3	☐	2500.000	2577.895	492116.98	1.5799	P	1.5
4	☐	6250.000	6493.013	1191460.65	3.8844	P	0.4
5	☐	12500.000	12780.239	2244490.15	7.5852	P	0.9
6	☐	25000.000	25437.557	4436208.56	15.0355	P	0.2
7	☐	50000.000	50073.848	8981267.04	29.5369	A	0.5
8	☐	250000.00	249920.57	43484013.47	147.1705	A	0.3

$$y = 5.8862\text{E-}004 * x + 0.0625$$

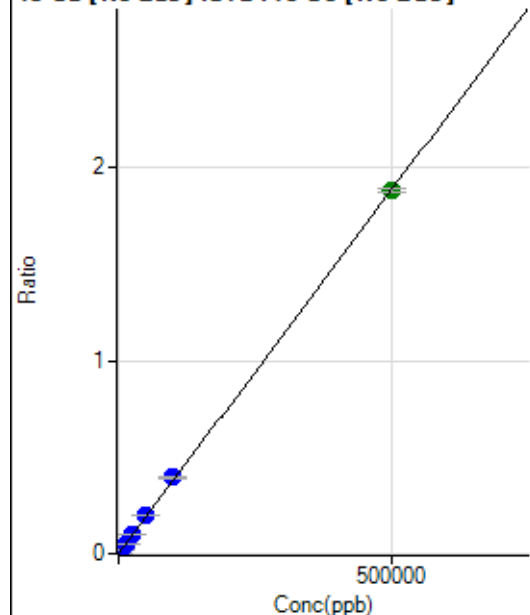
R = 1.0000

DL = 4.153

BEC = 106.1

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	352.80	0.0000	P	15.2
2	☐	500.000	508.893	15472.56	0.0020	P	3.2
3	☐	5000.000	5275.108	159979.94	0.0199	P	1.4
4	☐	12500.000	13207.735	393536.25	0.0498	P	0.3
5	☐	25000.000	26202.678	763595.97	0.0987	P	1.1
6	☐	50000.000	52249.743	1455156.21	0.1969	P	1.3
7	☐	100000.00	104456.61	2989586.74	0.3935	P	1.4
8	☐	500000.00	498803.11	13609843.19	1.8790	A	1.2

$$y = 3.7669E-006 * x + 4.4979E-005$$

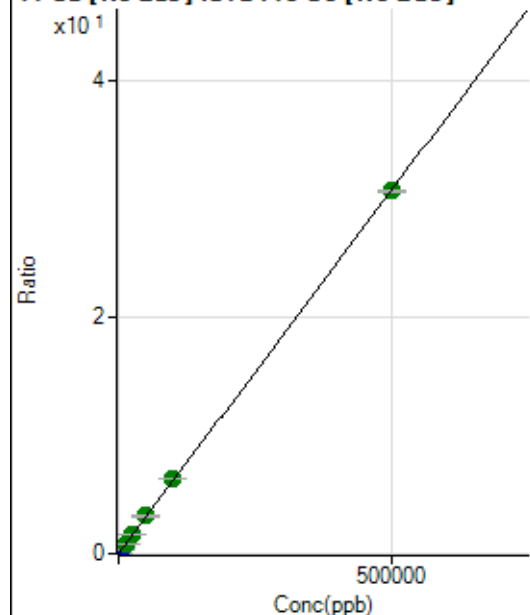
$$R = 1.0000$$

$$DL = 5.454$$

$$BEC = 11.94$$

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	10782.11	0.0014	P	5.8
2	☐	500.000	497.726	252111.28	0.0320	P	1.2
3	☐	5000.000	5181.537	2569650.36	0.3199	P	0.3
4	☐	12500.000	12981.097	6317206.00	0.7993	A	0.0
5	☐	25000.000	25716.433	12234930.74	1.5822	A	0.5
6	☐	50000.000	51629.812	23468964.94	3.1751	A	1.7
7	☐	100000.00	103210.77	48211357.68	6.3459	A	0.8
8	☐	500000.00	499145.20	222263193.8	30.6845	A	0.5

$$y = 6.1471E-005 * x + 0.0014$$

$$R = 1.0000$$

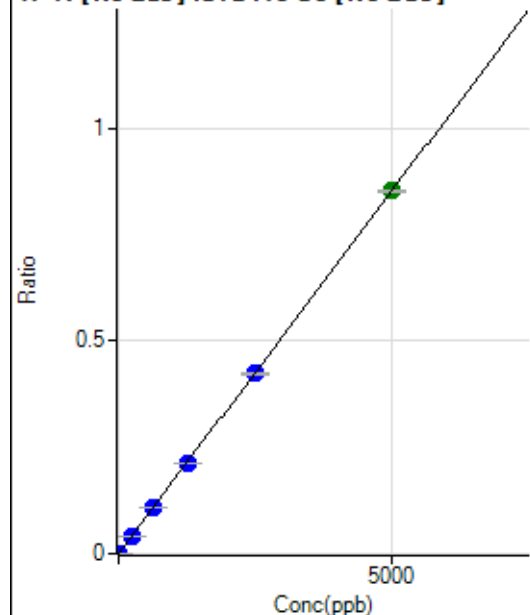
$$DL = 3.923$$

$$BEC = 22.38$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	108.34	0.0000	P	19.7
2	☐	5.000	5.210	7101.97	0.0009	P	1.9
3	☐	250.000	250.486	342629.44	0.0427	P	0.8
4	☐	625.000	631.082	848968.65	0.1074	P	2.1
5	☐	1250.000	1239.980	1632318.52	0.2111	P	0.7
6	☐	2500.000	2488.895	3131947.66	0.4237	P	1.1
7	☐	5000.000	5007.273	6475831.53	0.8524	A	0.7
8	☐			1861.32	0.0003	P	2.0

$$y = 1.7023\text{E-}004 * x + 1.3807\text{E-}005$$

$$R = 1.0000$$

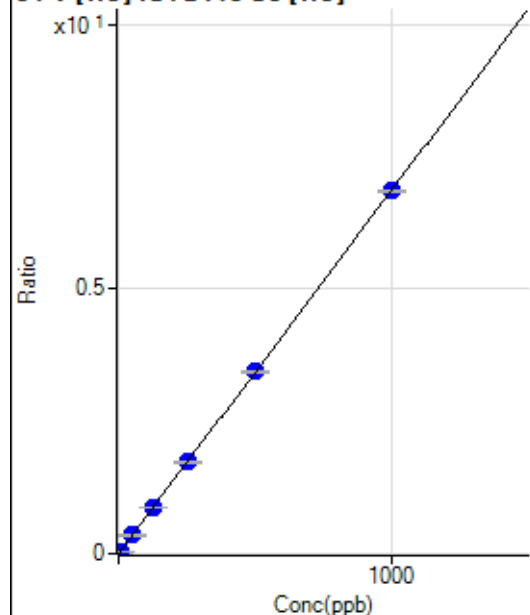
$$DL = 0.04801$$

$$BEC = 0.08111$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11.11	0.0000	P	75.7
2	☐	5.000	5.162	11052.07	0.0355	P	1.3
3	☐	50.000	50.504	107995.12	0.3467	P	1.3
4	☐	125.000	127.525	268505.49	0.8754	P	0.7
5	☐	250.000	251.983	511833.62	1.7297	P	0.5
6	☐	500.000	500.593	1013842.92	3.4362	P	0.3
7	☐	1000.000	998.866	2084857.45	6.8564	P	0.3
8	☐			795.59	0.0027	P	4.3

$$y = 0.0069 * x + 3.6568\text{E-}005$$

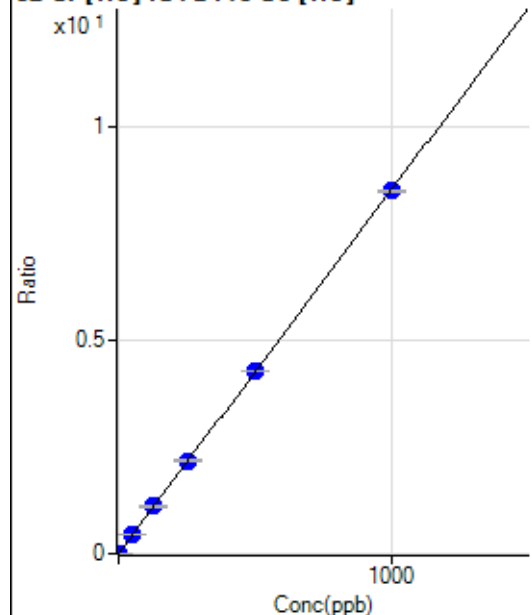
$$R = 1.0000$$

$$DL = 0.0121$$

$$BEC = 0.005327$$

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	992.27	0.0033	P	6.9
2	☐	2.000	1.983	6278.10	0.0201	P	2.7
3	☐	50.000	51.257	136926.17	0.4396	P	0.7
4	☐	125.000	129.365	338752.25	1.1044	P	0.4
5	☐	250.000	255.424	644311.59	2.1774	P	0.9
6	☐	500.000	502.196	1262227.70	4.2779	P	0.6
7	☐	1000.000	996.938	2581353.54	8.4891	P	0.7
8	☐			67325.19	0.2279	P	1.2

$$y = 0.0085 * x + 0.0033$$

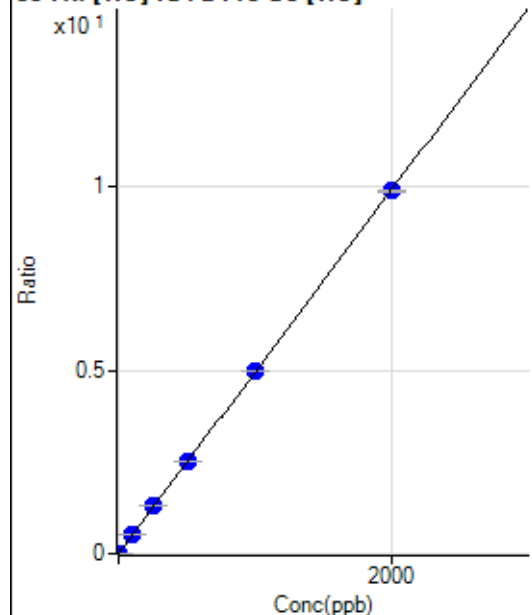
$$R = 1.0000$$

$$DL = 0.07949$$

$$BEC = 0.384$$

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	301.12	0.0010	P	20.5
2	☐	1.000	1.080	1976.83	0.0063	P	3.0
3	☐	100.000	102.244	158208.59	0.5079	P	0.5
4	☐	250.000	259.618	395083.46	1.2881	P	0.2
5	☐	500.000	509.897	748298.27	2.5288	P	0.7
6	☐	1000.000	1001.968	1465910.81	4.9683	P	0.3
7	☐	2000.000	1995.227	3008050.55	9.8924	P	0.6
8	☐			12481.01	0.0422	P	1.3

$$y = 0.0050 * x + 9.9088E-004$$

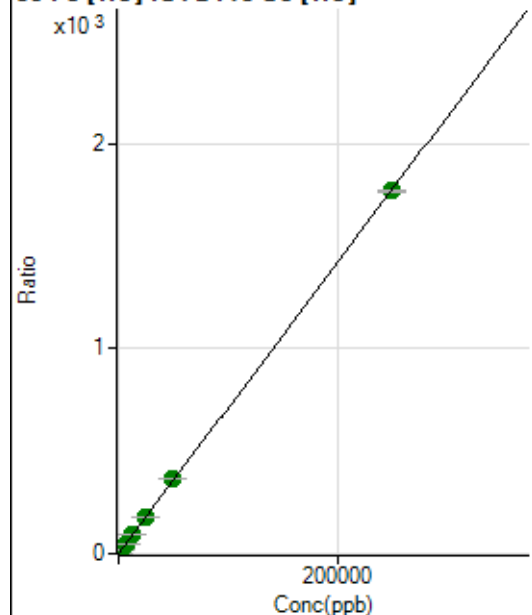
$$R = 1.0000$$

$$DL = 0.1227$$

$$BEC = 0.1999$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6490.48	0.0214	P	5.6
2	☐	50.000	54.526	127147.82	0.4080	P	0.7
3	☐	2500.000	2614.061	5780739.02	18.5571	A	0.7
4	☐	6250.000	6604.364	14370661.55	46.8515	A	0.3
5	☐	12500.000	13078.002	27447678.16	92.7546	A	0.7
6	☐	25000.000	25686.438	53745862.78	182.1583	A	0.6
7	☐	50000.000	51061.814	110102176.5	362.0895	A	0.3
8	☐	250000.00	249680.09	523097748.7	1,770.448	A	0.4

$$y = 0.0071 * x + 0.0214$$

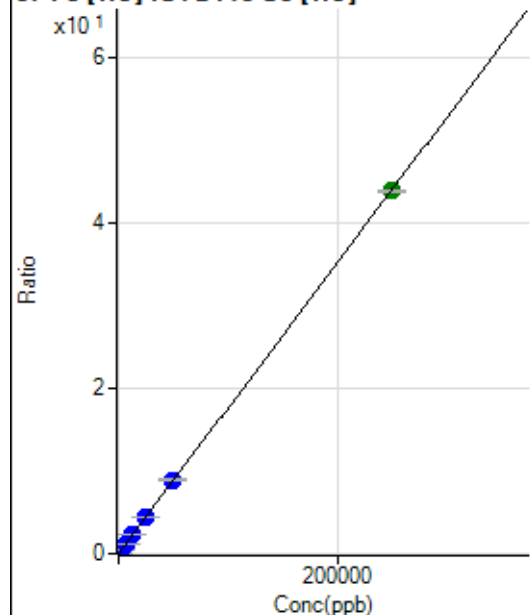
$$R = 1.0000$$

$$DL = 0.5041$$

$$BEC = 3.016$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	274.08	0.0009	P	16.0
2	☐	50.000	57.414	3428.28	0.0110	P	2.9
3	☐	2500.000	2632.927	144551.68	0.4640	P	0.4
4	☐	6250.000	6648.539	358983.67	1.1704	P	1.0
5	☐	12500.000	13138.458	684138.86	2.3120	P	0.5
6	☐	25000.000	25682.646	1333202.06	4.5185	P	0.4
7	☐	50000.000	50841.487	2719620.61	8.9440	P	0.5
8	☐	250000.00	249720.22	12978936.40	43.9272	A	0.6

$$y = 1.7590E-004 * x + 9.0348E-004$$

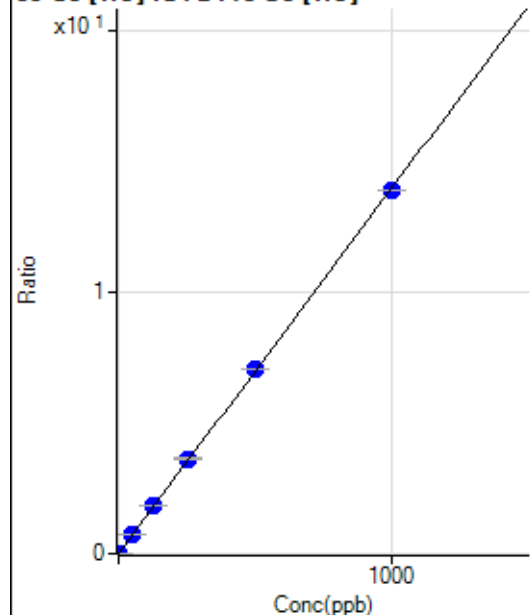
$$R = 1.0000$$

$$DL = 2.472$$

$$BEC = 5.136$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	232.23	0.0008	P	9.4
2	☐	1.000	1.063	4861.99	0.0156	P	2.6
3	☐	50.000	53.137	231374.30	0.7428	P	0.9
4	☐	125.000	131.959	565444.73	1.8435	P	0.2
5	☐	250.000	260.024	1074681.43	3.6318	P	0.6
6	☐	500.000	505.696	2083771.51	7.0625	P	0.3
7	☐	1000.000	993.619	4219313.34	13.8760	P	0.2
8	☐			8087.90	0.0274	P	2.0

$$y = 0.0140 * x + 7.6489E-004$$

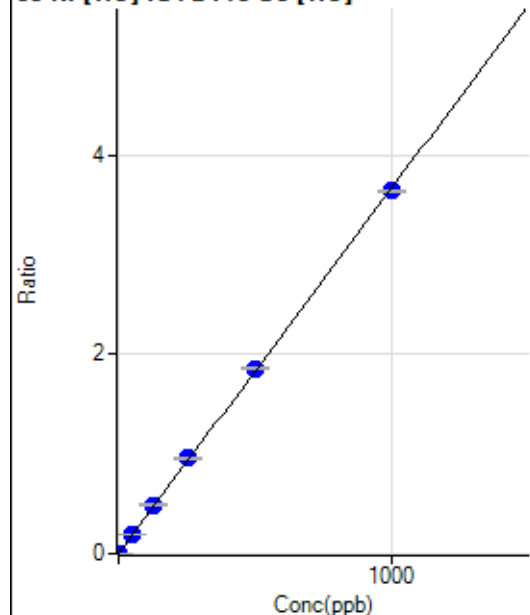
$$R = 0.9999$$

$$DL = 0.01541$$

$$BEC = 0.05477$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	423.35	0.0014	P	7.1
2	☐	1.000	1.070	1655.68	0.0053	P	3.1
3	☐	50.000	53.390	61358.03	0.1970	P	1.6
4	☐	125.000	133.711	150672.97	0.4912	P	0.5
5	☐	250.000	260.793	283122.44	0.9568	P	0.6
6	☐	500.000	505.977	547321.66	1.8550	P	0.8
7	☐	1000.000	993.055	1106628.14	3.6394	P	0.3
8	☐			20625.85	0.0698	P	1.6

$$y = 0.0037 * x + 0.0014$$

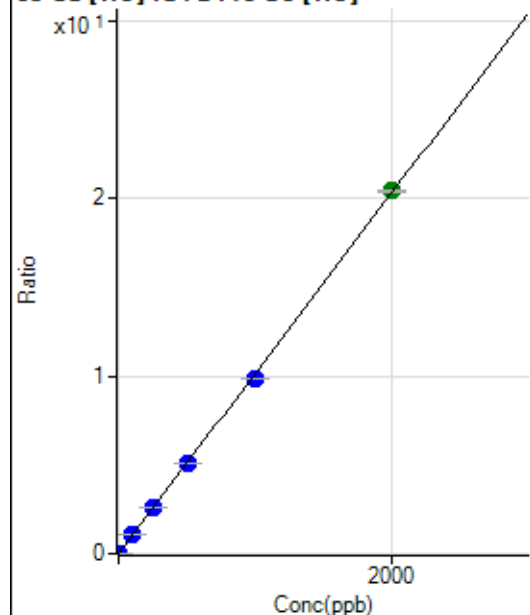
$$R = 0.9999$$

$$DL = 0.08085$$

$$BEC = 0.3808$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1536.77	0.0051	P	4.2
2	☐	2.000	2.039	8018.99	0.0257	P	1.4
3	☐	100.000	102.914	326547.25	1.0483	P	0.6
4	☐	250.000	257.731	802902.45	2.6177	P	0.6
5	☐	500.000	500.695	1503347.77	5.0806	P	1.3
6	☐	1000.000	970.420	2903931.00	9.8422	P	0.0
7	☐	2000.000	2013.504	6207920.05	20.4158	A	0.2
8	☐			11591.41	0.0392	P	0.4

$$y = 0.0101 * x + 0.0051$$

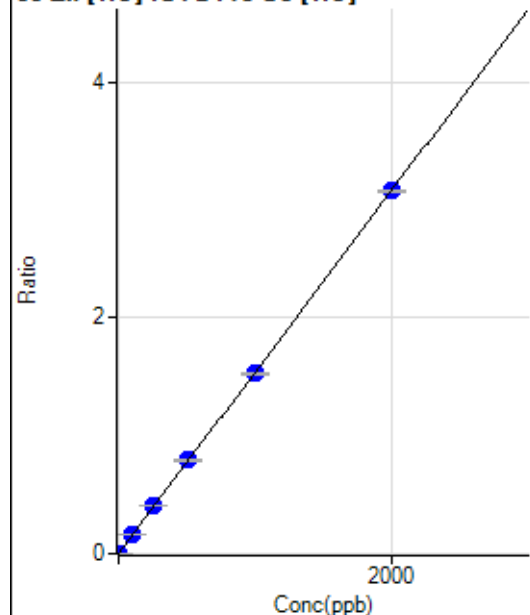
$$R = 0.9998$$

$$DL = 0.06293$$

$$BEC = 0.4995$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	360.01	0.0012	P	5.9
2	☐	2.000	2.129	1390.09	0.0045	P	7.4
3	☐	100.000	103.977	50214.06	0.1612	P	1.1
4	☐	250.000	261.666	123886.41	0.4039	P	1.0
5	☐	500.000	513.842	234355.60	0.7920	P	0.6
6	☐	1000.000	992.134	450862.29	1.5281	P	0.7
7	☐	2000.000	1998.815	935727.51	3.0773	P	0.3
8	☐			12239.74	0.0414	P	0.6

$$y = 0.0015 * x + 0.0012$$

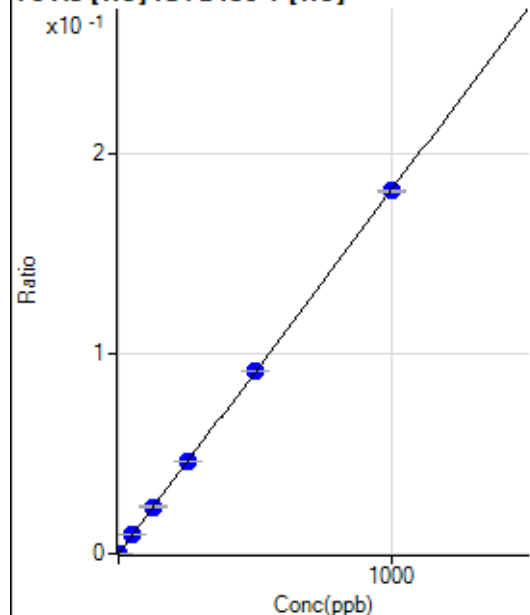
$$R = 1.0000$$

$$DL = 0.1352$$

$$BEC = 0.7704$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	14.20	0.0000	P	26.7
2	☐	1.000	1.003	293.22	0.0002	P	10.7
3	☐	50.000	51.876	14561.71	0.0094	P	0.9
4	☐	125.000	129.326	35996.35	0.0235	P	1.4
5	☐	250.000	254.774	68340.45	0.0464	P	1.2
6	☐	500.000	500.804	134069.28	0.0911	P	0.3
7	☐	1000.000	997.770	274099.70	0.1815	P	0.3
8	☐			178.40	0.0001	P	16.2

$$y = 1.8191\text{E-}004 * x + 9.4640\text{E-}006$$

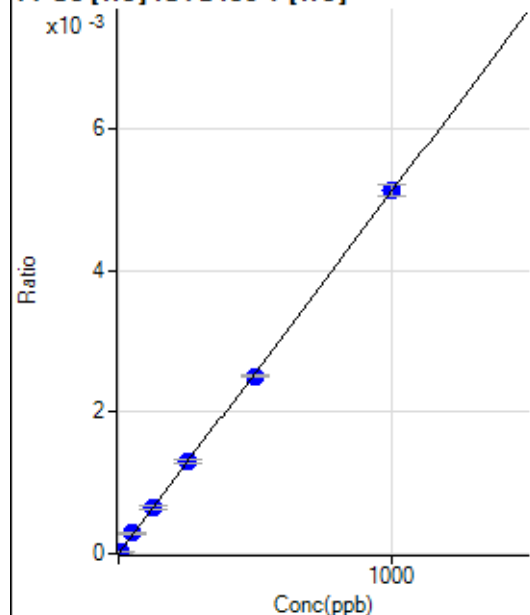
$$R = 1.0000$$

$$DL = 0.04164$$

$$BEC = 0.05202$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.2
2	☐	5.000	4.972	40.00	0.0000	P	21.3
3	☐	50.000	56.400	445.57	0.0003	P	7.3
4	☐	125.000	128.034	1002.28	0.0007	P	8.1
5	☐	250.000	256.274	1932.38	0.0013	P	3.7
6	☐	500.000	489.986	3687.19	0.0025	P	1.2
7	☐	1000.000	1002.740	7741.09	0.0051	P	3.3
8	☐			10.00	0.0000	P	88.2

$$y = 5.1122\text{E-}006 * x + 7.5377\text{E-}007$$

$$R = 0.9999$$

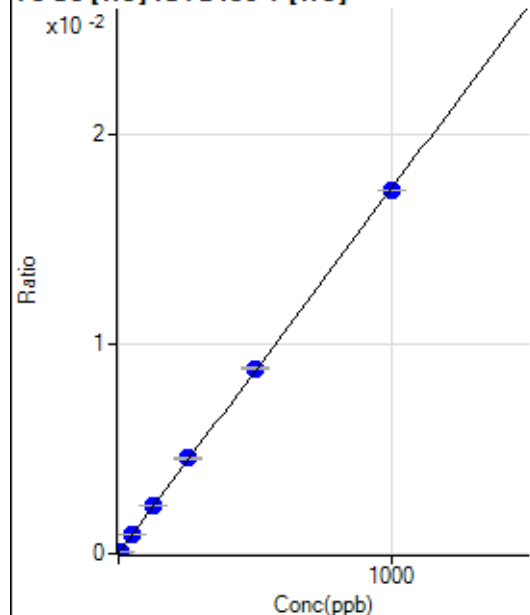
$$DL = 0.7662$$

$$BEC = 0.1474$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.97	0.0000	P	26.8
2	☐	5.000	5.555	190.13	0.0001	P	9.6
3	☐	50.000	50.569	1396.37	0.0009	P	5.4
4	☐	125.000	128.438	3452.91	0.0023	P	0.6
5	☐	250.000	260.394	6704.69	0.0045	P	2.2
6	☐	500.000	506.839	12986.14	0.0088	P	0.9
7	☐	1000.000	993.521	26084.60	0.0173	P	0.1
8	☐			62.35	0.0000	P	4.1

$$y = 1.7358\text{E-}005 * x + 2.8089\text{E-}005$$

$$R = 0.9999$$

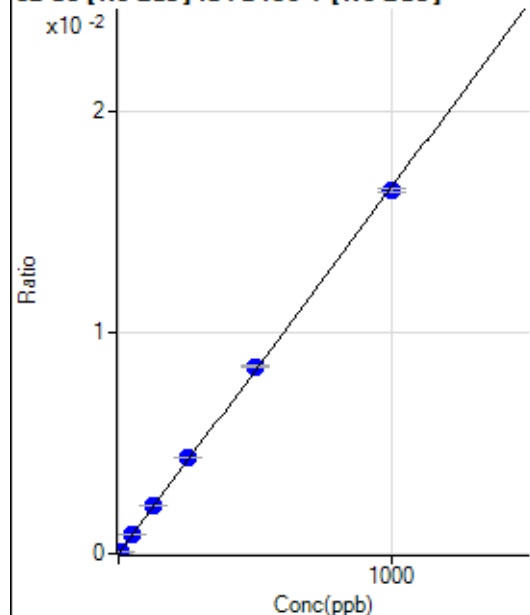
$$DL = 1.3$$

$$BEC = 1.618$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-23.63	0.0000	P	-118.
2	☐	5.000	5.602	1168.74	0.0001	P	8.8
3	☐	50.000	51.539	11240.64	0.0009	P	1.0
4	☐	125.000	132.857	28561.04	0.0022	P	0.4
5	☐	250.000	262.226	55342.15	0.0043	P	0.5
6	☐	500.000	511.270	105573.88	0.0085	P	1.1
7	☐	1000.000	990.247	210668.86	0.0164	P	1.0
8	☐			219.14	0.0000	P	14.7

$$y = 1.6552\text{E-}005 * x - 1.8169\text{E-}006$$

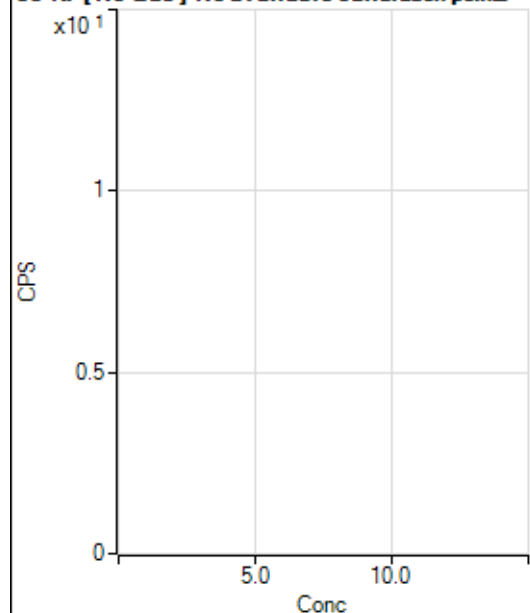
$$R = 0.9998$$

$$DL = 0.3888$$

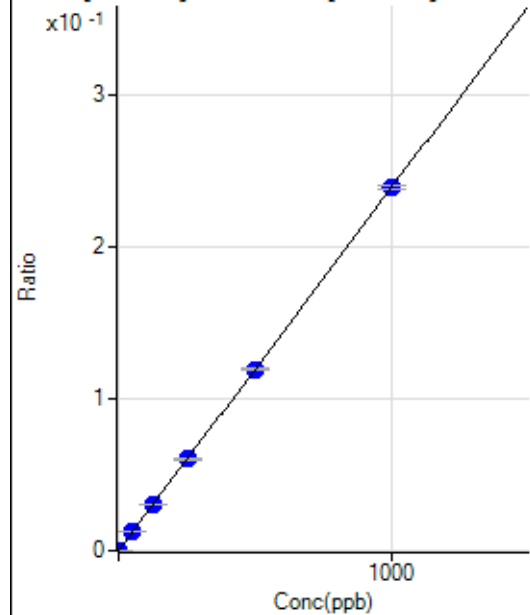
$$BEC = -0.1098$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			646.69		P	2.6
2	☐			617.80		P	3.6
3	☐			636.69		P	5.0
4	☐			647.80		P	0.8
5	☐			615.58		P	2.8
6	☐			618.91		P	10.0
7	☐			611.13		P	7.9
8	☐			594.47		P	4.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1041.76	0.0001	P	7.3
2	☐	1.000	0.993	4081.31	0.0003	P	4.2
3	☐	50.000	50.269	159404.33	0.0121	P	0.7
4	☐	125.000	127.588	396669.00	0.0305	P	0.7
5	☐	250.000	252.026	767897.90	0.0602	P	1.5
6	☐	500.000	499.342	1487427.46	0.1192	P	0.8
7	☐	1000.000	999.486	3065943.62	0.2385	P	1.2
8	☐			7046.48	0.0006	P	2.5

$$y = 2.3855E-004 * x + 8.0587E-005$$

$$R = 1.0000$$

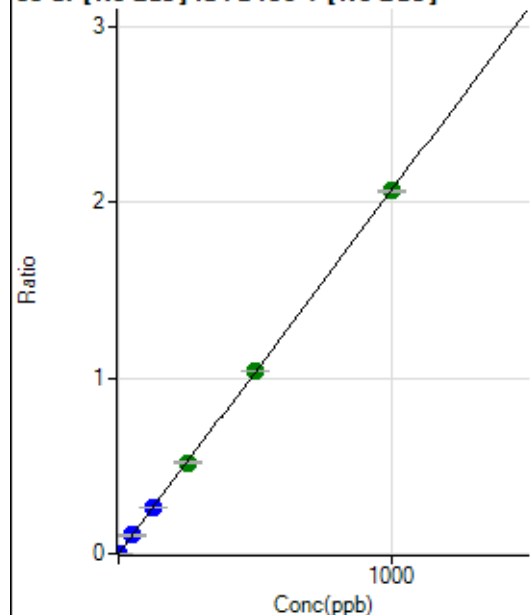
$$DL = 0.07434$$

$$BEC = 0.3378$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	319.46	0.0000	P	10.9
2	☐	1.000	1.007	27093.25	0.0021	P	4.4
3	☐	50.000	50.342	1375297.55	0.1042	P	0.5
4	☐	125.000	128.269	3449143.78	0.2653	P	0.2
5	☐	250.000	250.873	6619435.30	0.5189	A	0.6
6	☐	500.000	502.075	12959162.70	1.0385	A	0.8
7	☐	1000.000	998.319	26545232.89	2.0650	A	0.4
8	☐			56054.98	0.0046	P	1.8

$$y = 0.0021 * x + 2.4718E-005$$

$$R = 1.0000$$

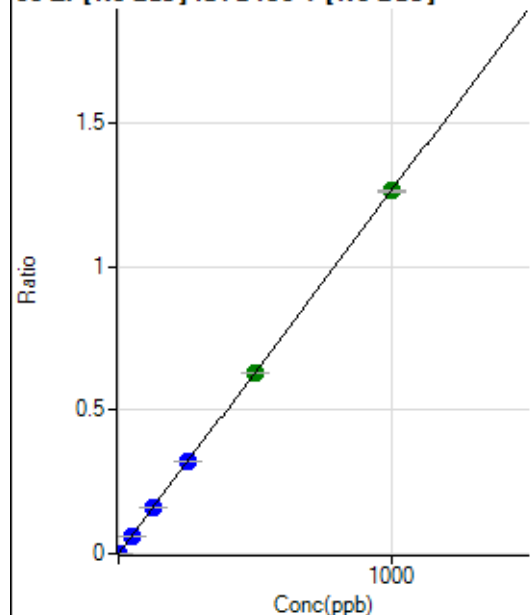
$$DL = 0.003898$$

$$BEC = 0.01195$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	763.94	0.0001	P	14.9
2	☐	1.000	0.837	14363.21	0.0011	P	4.1
3	☐	50.000	49.453	826293.83	0.0626	P	1.2
4	☐	125.000	126.599	2081198.01	0.1601	P	0.6
5	☐	250.000	253.576	4090045.19	0.3206	P	0.3
6	☐	500.000	498.942	7871923.27	0.6308	A	0.6
7	☐	1000.000	999.463	16243384.04	1.2636	A	0.7
8	☐			5584.65	0.0005	P	5.5

$$y = 0.0013 * x + 5.9127E-005$$

$$R = 1.0000$$

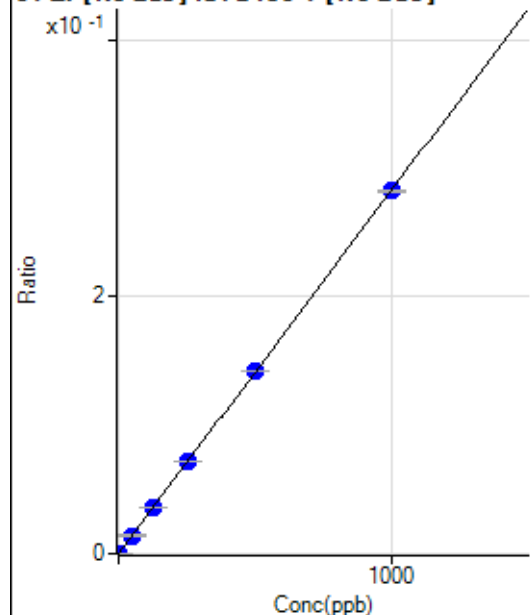
$$DL = 0.02088$$

$$BEC = 0.04677$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	158.34	0.0000	P	10.4
2	☐	1.000	0.869	3314.42	0.0003	P	5.0
3	☐	50.000	49.843	186198.51	0.0141	P	2.0
4	☐	125.000	126.675	465623.71	0.0358	P	0.8
5	☐	250.000	253.942	915861.46	0.0718	P	0.6
6	☐	500.000	500.993	1767437.17	0.1416	P	0.2
7	☐	1000.000	998.317	3627930.16	0.2822	P	0.6
8	☐			1177.88	0.0001	P	7.2

$$y = 2.8269E-004 * x + 1.2241E-005$$

$$R = 1.0000$$

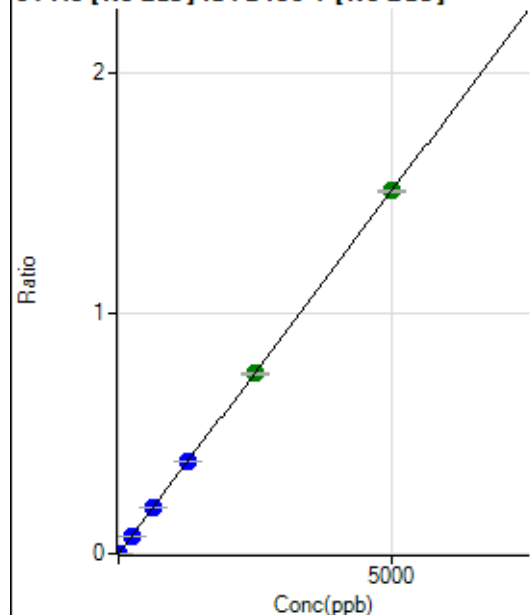
$$DL = 0.01347$$

$$BEC = 0.0433$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	380.58	0.0000	P	18.9
2	☐	5.000	4.897	19341.65	0.0015	P	1.3
3	☐	250.000	249.801	994219.59	0.0753	P	0.4
4	☐	625.000	636.406	2492860.78	0.1918	P	0.5
5	☐	1250.000	1265.341	4863609.01	0.3813	P	0.6
6	☐	2500.000	2482.725	9334396.74	0.7481	A	1.4
7	☐	5000.000	5003.387	19379150.26	1.5076	A	0.7
8	☐			13701.52	0.0011	P	3.4

$$y = 3.0130E-004 * x + 2.9423E-005$$

$$R = 1.0000$$

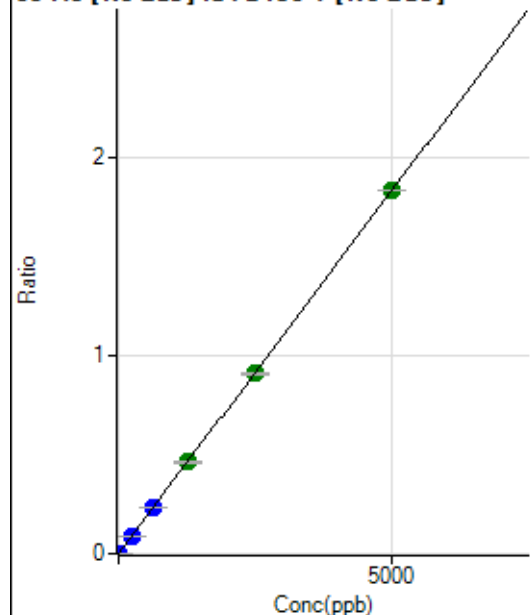
$$DL = 0.05544$$

$$BEC = 0.09765$$

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	141.68	0.0000	P	11.2
2	☐	5.000	5.093	24085.09	0.0019	P	2.0
3	☐	250.000	249.809	1207004.37	0.0914	P	0.0
4	☐	625.000	641.558	3051337.35	0.2347	P	0.8
5	☐	1250.000	1259.616	5878917.27	0.4609	A	1.0
6	☐	2500.000	2487.203	11355184.46	0.9100	A	1.1
7	☐	5000.000	5001.934	23525856.60	1.8301	A	0.2
8	☐			21124.74	0.0017	P	2.2

$$y = 3.6587\text{E-}004 * x + 1.0963\text{E-}005$$

$$R = 1.0000$$

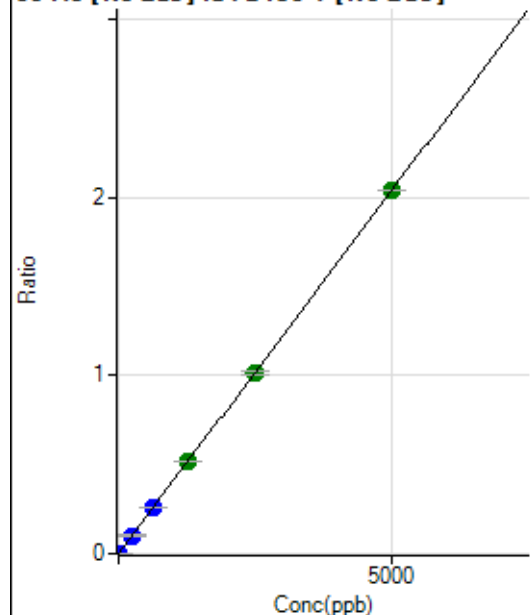
$$DL = 0.01009$$

$$BEC = 0.02996$$

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	300.01	0.0000	P	3.7
2	☐	5.000	5.128	27157.29	0.0021	P	1.1
3	☐	250.000	250.308	1347404.55	0.1020	P	1.6
4	☐	625.000	636.601	3373106.33	0.2595	P	0.4
5	☐	1250.000	1264.577	6574896.28	0.5154	A	0.9
6	☐	2500.000	2491.513	12671512.78	1.0155	A	1.5
7	☐	5000.000	4999.133	26193472.29	2.0376	A	0.2
8	☐			26867.91	0.0022	P	0.4

$$y = 4.0758\text{E-}004 * x + 2.3201\text{E-}005$$

$$R = 1.0000$$

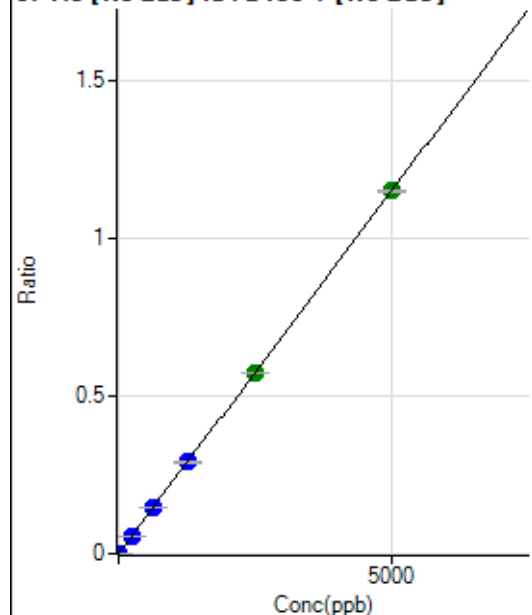
$$DL = 0.006265$$

$$BEC = 0.05692$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.11	0.0000	P	31.6
2	☐	5.000	5.112	15192.04	0.0012	P	2.1
3	☐	250.000	250.236	759711.49	0.0575	P	0.5
4	☐	625.000	633.984	1894678.86	0.1458	P	0.6
5	☐	1250.000	1263.619	3705668.66	0.2905	P	1.4
6	☐	2500.000	2489.417	7141382.54	0.5723	A	0.9
7	☐	5000.000	5000.752	14778574.99	1.1496	A	0.3
8	☐			12525.38	0.0010	P	2.1

$$y = 2.2989\text{E-}004 * x + 6.6649\text{E-}006$$

$$R = 1.0000$$

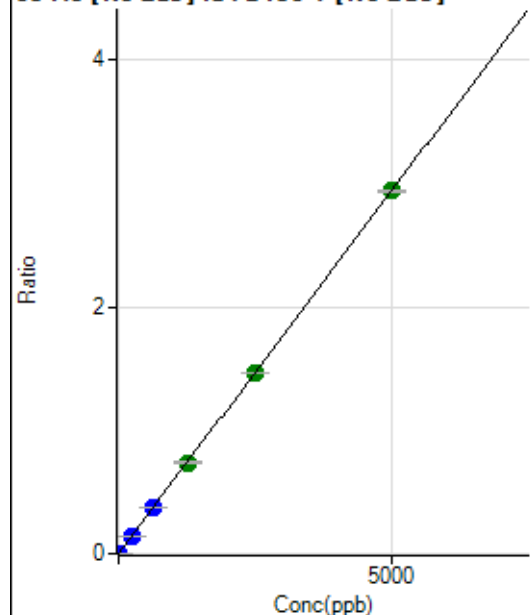
$$DL = 0.02745$$

$$BEC = 0.02899$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	269.46	0.0000	P	17.9
2	☐	5.000	5.215	39636.76	0.0031	P	1.1
3	☐	250.000	251.268	1949440.99	0.1476	P	0.3
4	☐	625.000	635.378	4852198.11	0.3733	P	0.4
5	☐	1250.000	1255.585	9409351.60	0.7376	A	1.1
6	☐	2500.000	2492.914	18275202.32	1.4645	A	0.5
7	☐	5000.000	5000.786	37766516.82	2.9378	A	0.2
8	☐			32240.16	0.0027	P	3.4

$$y = 5.8747\text{E-}004 * x + 2.0816\text{E-}005$$

$$R = 1.0000$$

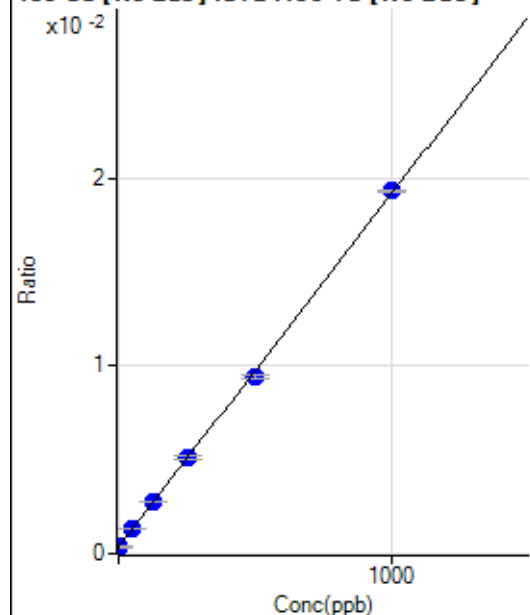
$$DL = 0.01901$$

$$BEC = 0.03543$$

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	5790.34	0.0003	P	5.1
2	☐	1.000	1.022	6068.22	0.0004	P	5.2
3	☐	50.000	54.439	23281.19	0.0014	P	1.4
4	☐	125.000	128.199	47107.20	0.0028	P	1.4
5	☐	250.000	253.597	87204.39	0.0051	P	2.7
6	☐	500.000	480.932	159535.42	0.0094	P	2.1
7	☐	1000.000	1008.013	334974.86	0.0193	P	0.9
8	☐			5654.15	0.0004	P	1.0

$$y = 1.8830E-005 * x + 3.4268E-004$$

$$R = 0.9997$$

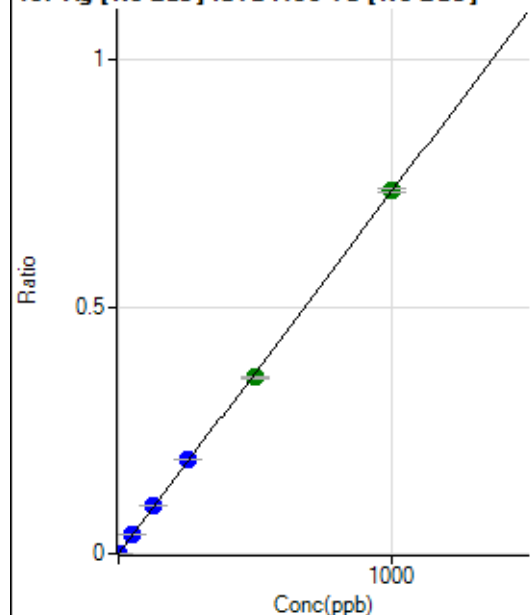
$$DL = 2.801$$

$$BEC = 18.2$$

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	169.45	0.0000	P	25.2
2	☐	1.000	1.182	14694.38	0.0009	P	1.7
3	☐	50.000	53.502	667430.71	0.0392	P	0.3
4	☐	125.000	132.426	1658335.30	0.0970	P	0.5
5	☐	250.000	260.503	3252643.85	0.1909	P	1.5
6	☐	500.000	486.689	6053453.09	0.3566	A	0.1
7	☐	1000.000	1002.926	12739266.69	0.7349	A	1.0
8	☐			2300.29	0.0001	P	2.0

$$y = 7.3274E-004 * x + 1.0028E-005$$

$$R = 0.9998$$

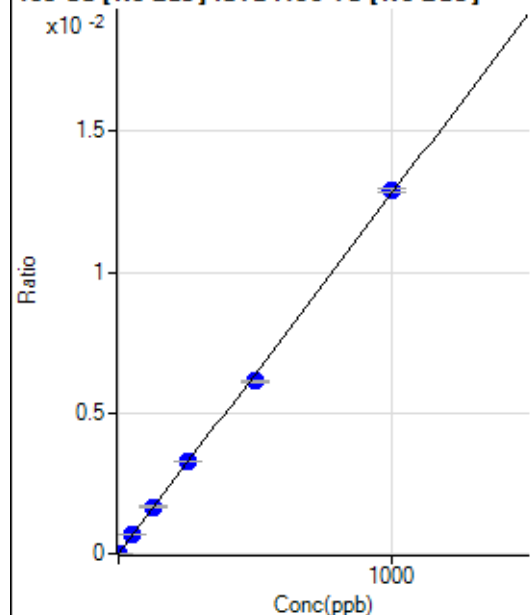
$$DL = 0.01034$$

$$BEC = 0.01369$$

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	15.28	0.0000	P	14.9
2	☐	1.000	0.986	226.40	0.0000	P	3.6
3	☐	50.000	53.108	11560.47	0.0007	P	2.4
4	☐	125.000	130.813	28566.70	0.0017	P	0.7
5	☐	250.000	254.528	55411.02	0.0033	P	0.2
6	☐	500.000	479.438	103957.79	0.0061	P	0.6
7	☐	1000.000	1008.267	223249.94	0.0129	P	1.2
8	☐			87.50	0.0000	P	17.3

$$y = 1.2772\text{E-}005 * x + 9.0365\text{E-}007$$

$$R = 0.9997$$

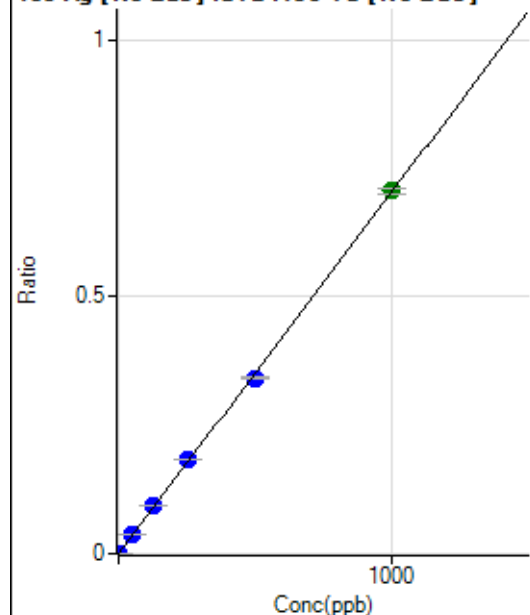
$$DL = 0.03167$$

$$BEC = 0.07075$$

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	100.01	0.0000	P	59.1
2	☐	1.000	1.170	13890.70	0.0008	P	3.9
3	☐	50.000	53.564	640873.43	0.0377	P	0.5
4	☐	125.000	134.085	1610504.78	0.0942	P	0.6
5	☐	250.000	258.973	3101566.87	0.1820	P	0.5
6	☐	500.000	485.254	5789092.62	0.3411	P	1.0
7	☐	1000.000	1003.816	12229847.50	0.7055	A	1.5
8	☐			2219.71	0.0001	P	3.1

$$y = 7.0283\text{E-}004 * x + 5.9311\text{E-}006$$

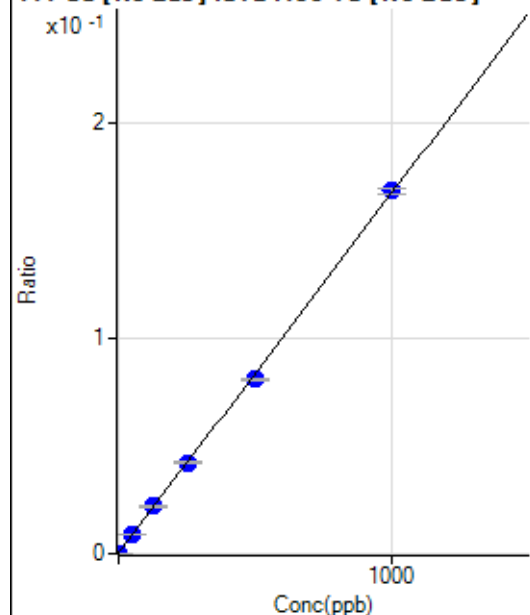
$$R = 0.9998$$

$$DL = 0.01496$$

$$BEC = 0.008439$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4078.65	0.0002	P	5.3
2	☐	1.000	1.058	7016.03	0.0004	P	1.7
3	☐	50.000	52.290	152931.45	0.0090	P	1.0
4	☐	125.000	129.652	374593.23	0.0219	P	0.6
5	☐	250.000	252.065	722305.46	0.0424	P	0.5
6	☐	500.000	483.997	1377806.45	0.0812	P	1.3
7	☐	1000.000	1006.789	2922407.97	0.1686	P	1.4
8	☐			4573.07	0.0003	P	1.2

$$y = 1.6721\text{E-}004 * x + 2.4138\text{E-}004$$

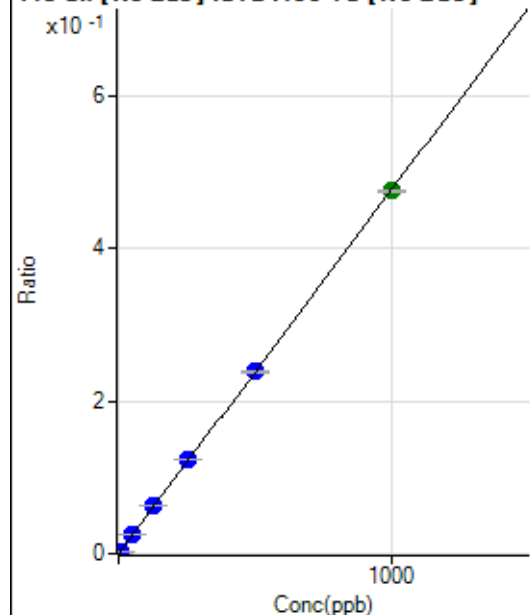
$$R = 0.9998$$

$$DL = 0.2292$$

$$BEC = 1.444$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	663.93	0.0000	P	15.2
2	☐	5.000	5.297	42941.88	0.0026	P	1.5
3	☐	50.000	51.842	420652.64	0.0247	P	0.9
4	☐	125.000	130.328	1060714.55	0.0621	P	0.5
5	☐	250.000	258.688	2098732.25	0.1232	P	0.6
6	☐	500.000	499.607	4037106.95	0.2378	P	0.9
7	☐	1000.000	997.265	8229119.28	0.4747	A	0.8
8	☐			5729.17	0.0004	P	6.2

$$y = 4.7597\text{E-}004 * x + 3.9294\text{E-}005$$

$$R = 1.0000$$

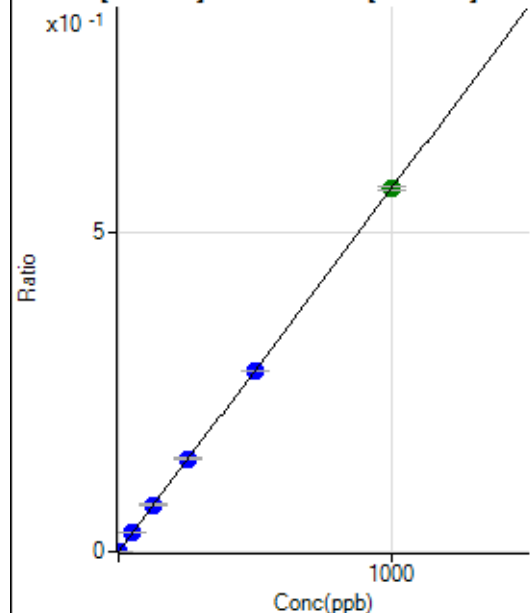
$$DL = 0.03767$$

$$BEC = 0.08256$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	127.78	0.0000	P	23.4
2	☐	2.000	1.999	19144.39	0.0011	P	2.4
3	☐	50.000	51.172	494273.91	0.0290	P	1.0
4	☐	125.000	129.267	1253381.26	0.0733	P	1.0
5	☐	250.000	256.729	2482025.64	0.1457	P	0.8
6	☐	500.000	497.207	4788367.69	0.2821	P	0.3
7	☐	1000.000	999.122	9826268.62	0.5669	A	0.9
8	☐			10604.47	0.0007	P	4.7

$$y = 5.6735\text{E-}004 * x + 7.5722\text{E-}006$$

$$R = 1.0000$$

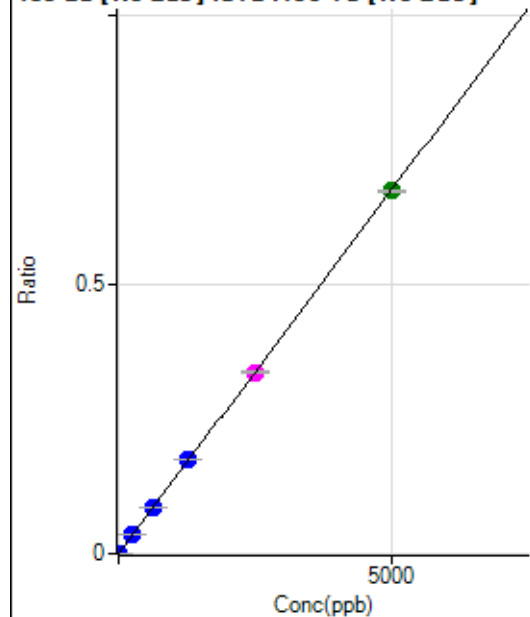
$$DL = 0.009384$$

$$BEC = 0.01335$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	102.78	0.0000	P	29.0
2	☐	10.000	10.143	23053.17	0.0014	P	0.8
3	☐	250.000	259.201	595389.31	0.0350	P	0.8
4	☐	625.000	645.406	1488253.99	0.0871	P	0.3
5	☐	1250.000	1290.261	2966611.07	0.1741	P	0.8
6	☐	2500.000	2496.121	5717029.86	0.3368	M	0.7
7	☐	5000.000	4988.863	11669189.84	0.6732	A	0.8
8	☐			3169.94	0.0002	P	5.8

$$y = 1.3493\text{E-}004 * x + 6.0920\text{E-}006$$

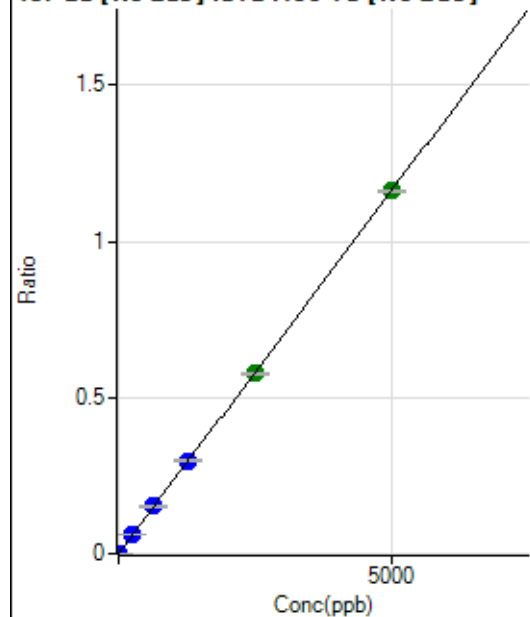
$$R = 1.0000$$

$$DL = 0.03923$$

$$BEC = 0.04515$$

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	152.79	0.0000	P	13.5
2	☐	10.000	10.494	41053.69	0.0024	P	0.4
3	☐	250.000	259.956	1028550.03	0.0604	P	1.4
4	☐	625.000	649.804	2581090.23	0.1510	P	1.1
5	☐	1250.000	1283.165	5082094.95	0.2983	P	0.7
6	☐	2500.000	2480.732	9787305.25	0.5766	A	0.5
7	☐	5000.000	4997.744	20136871.63	1.1616	A	0.9
8	☐			5151.14	0.0003	P	0.6

$$y = 2.3243E-004 * x + 9.0421E-006$$

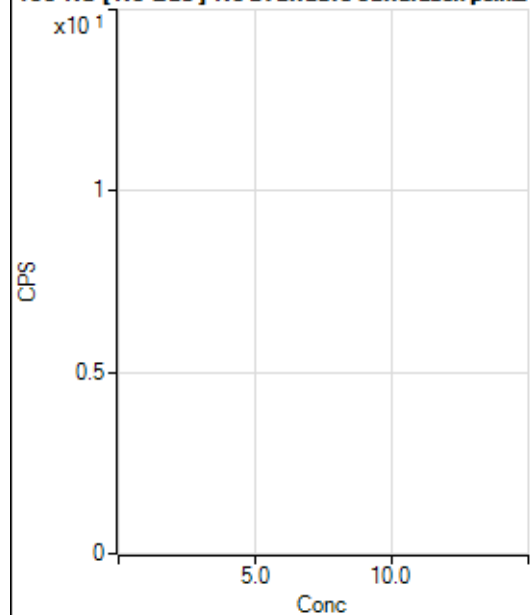
$$R = 1.0000$$

$$DL = 0.01578$$

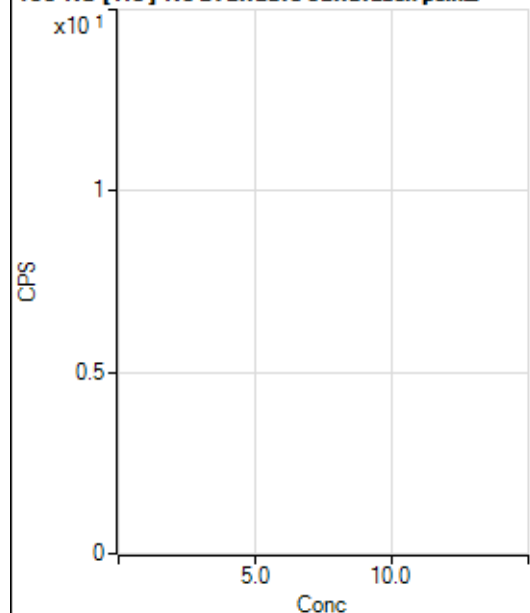
$$BEC = 0.0389$$

Weight: <None>

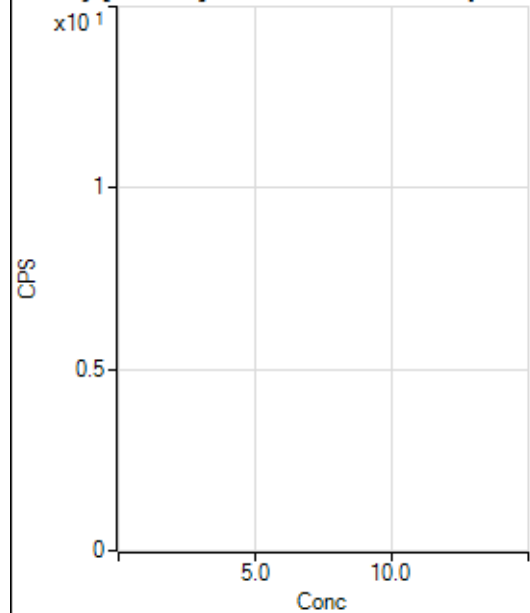
Min Conc: 0

150 Nd [No Gas] No available calibration points

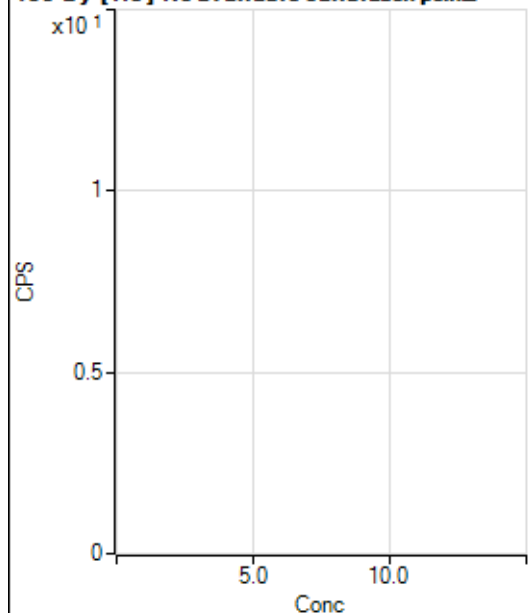
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			28.89		P	26.6
2	☐			8.89		P	43.3
3	☐			57.78		P	29.0
4	☐			164.45		P	24.8
5	☐			282.23		P	17.7
6	☐			513.37		P	4.7
7	☐			1044.52		P	4.1
8	☐			140.01		P	12.6

150 Nd [He] No available calibration points

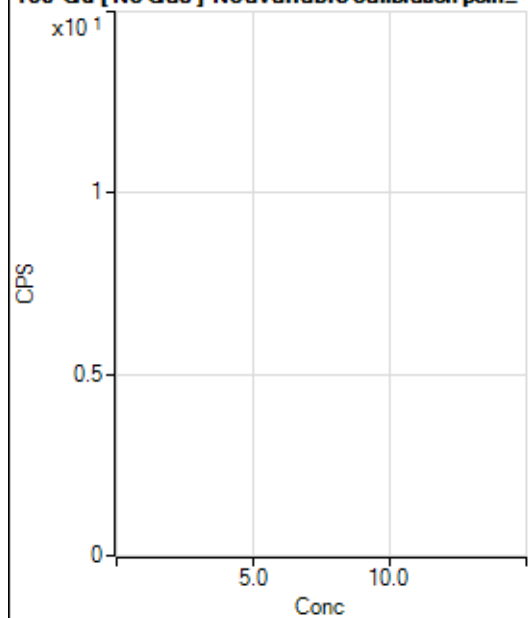
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	65.5
2	☐			7.78		P	49.5
3	☐			5.55		P	69.3
4	☐			18.89		P	73.5
5	☐			26.67		P	37.5
6	☐			43.33		P	7.7
7	☐			100.00		P	10.0
8	☐			41.11		P	37.5

156 Dy [No Gas] No available calibration points

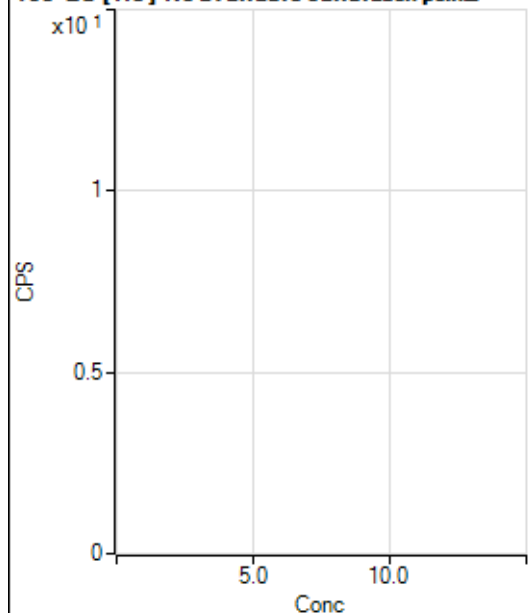
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			127.78		P	38.2
2	☐			141.68		P	31.1
3	☐			147.23		P	22.9
4	☐			116.67		P	18.9
5	☐			194.46		P	37.0
6	☐			194.45		P	12.4
7	☐			352.80		P	26.0
8	☐			580.59		P	0.8

156 Dy [He] No available calibration points

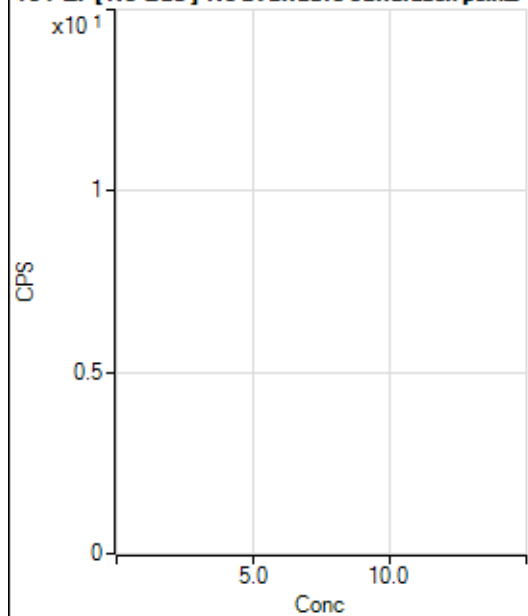
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			32.22		P	15.8
2	☐			24.44		P	20.8
3	☐			28.89		P	29.0
4	☐			53.33		P	37.5
5	☐			86.67		P	16.8
6	☐			127.78		P	14.4
7	☐			231.12		P	7.4
8	☐			198.89		P	6.8

160 Gd [No Gas] Noavailable calibration poin_

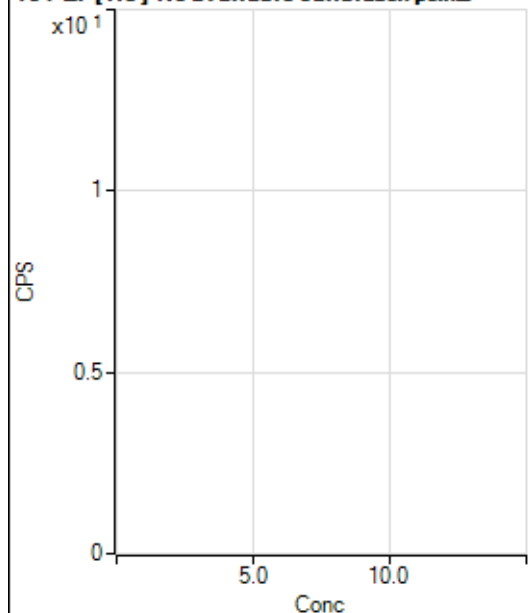
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			77.78		P	40.6
2	☐			88.89		P	51.6
3	☐			105.56		P	24.1
4	☐			97.23		P	17.8
5	☐			94.45		P	13.5
6	☐			116.67		P	24.7
7	☐			147.23		P	8.6
8	☐			513.92		P	8.3

160 Gd [He] No available calibration points

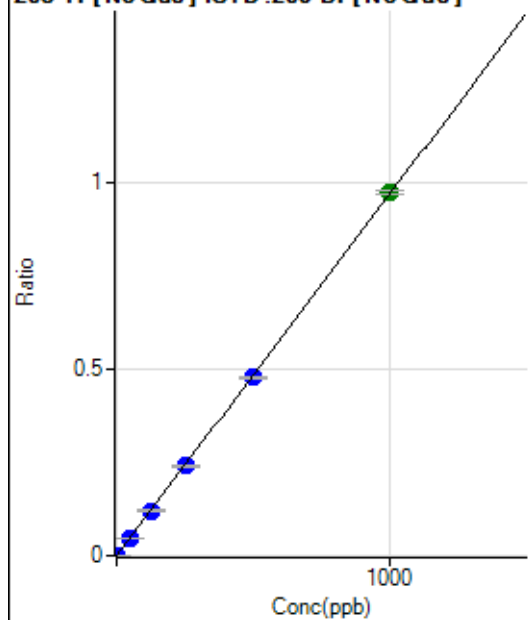
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			230.01		P	16.1
2	☐			245.56		P	17.1
3	☐			252.23		P	8.1
4	☐			252.23		P	4.0
5	☐			247.78		P	14.3
6	☐			246.67		P	7.5
7	☐			262.23		P	11.4
8	☐			416.68		P	5.0

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			75.00		P	44.4
2	☐			97.22		P	21.6
3	☐			91.67		P	59.6
4	☐			108.34		P	40.7
5	☐			100.00		P	25.0
6	☐			88.89		P	23.6
7	☐			97.23		P	13.1
8	☐			183.34		P	16.4

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			56.67		P	31.1
2	☐			55.56		P	22.7
3	☐			58.89		P	27.9
4	☐			78.89		P	4.9
5	☐			56.67		P	27.0
6	☐			43.33		P	30.8
7	☐			57.78		P	20.3
8	☐			88.89		P	23.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	719.50	0.0001	P	7.0
2	☐	1.000	0.953	10385.09	0.0010	P	0.5
3	☐	50.000	48.806	506695.79	0.0473	P	0.3
4	☐	125.000	124.505	1276007.94	0.1207	P	1.0
5	☐	250.000	247.472	2531709.26	0.2398	P	1.5
6	☐	500.000	493.773	4934698.03	0.4784	P	0.7
7	☐	1000.000	1003.867	10022915.33	0.9725	A	1.1
8	☐			5304.09	0.0006	P	2.5

$$y = 9.6868E-004 * x + 6.7761E-005$$

$$R = 1.0000$$

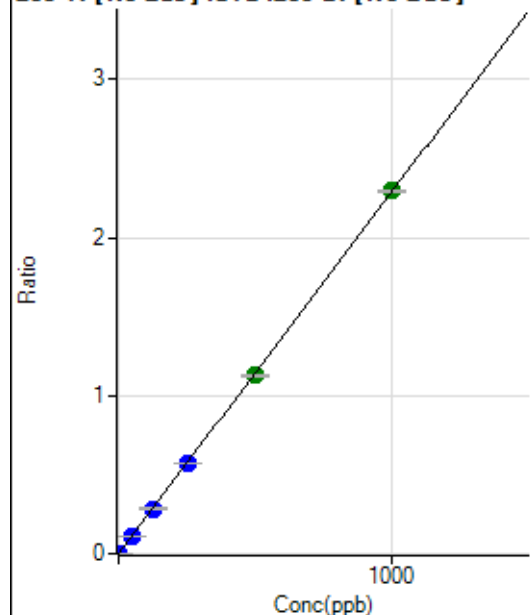
$$DL = 0.01471$$

$$BEC = 0.06995$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1072.32	0.0001	P	2.8
2	☐	1.000	0.948	23788.73	0.0023	P	2.2
3	☐	50.000	49.062	1201640.54	0.1123	P	0.2
4	☐	125.000	124.364	3007807.49	0.2845	P	1.1
5	☐	250.000	248.954	6010988.50	0.5693	P	1.3
6	☐	500.000	493.570	11642483.42	1.1286	A	0.8
7	☐	1000.000	1003.603	23652043.06	2.2948	A	0.5
8	☐			11396.97	0.0013	P	0.3

$$y = 0.0023 * x + 1.0103E-004$$

$$R = 1.0000$$

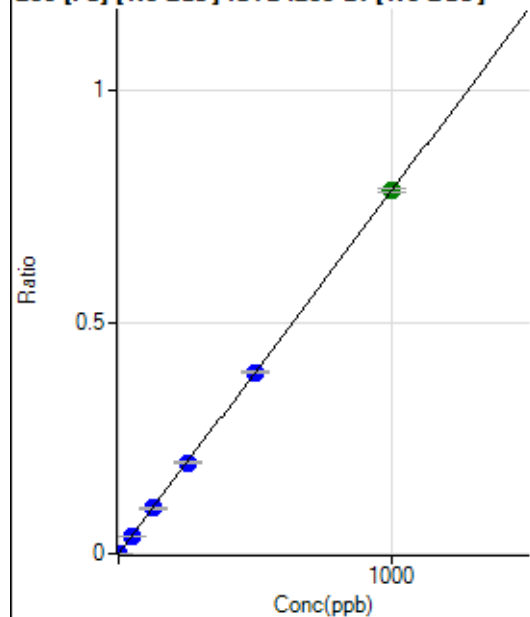
$$DL = 0.003735$$

$$BEC = 0.04418$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1287.14	0.0001	P	2.3
2	☐	1.000	0.949	9062.59	0.0009	P	1.6
3	☐	50.000	49.464	415970.29	0.0389	P	1.2
4	☐	125.000	124.955	1036183.00	0.0980	P	1.4
5	☐	250.000	251.216	2078817.41	0.1969	P	1.4
6	☐	500.000	499.436	4036758.42	0.3913	P	0.7
7	☐	1000.000	1000.010	8074373.73	0.7834	A	1.1
8	☐			26458.38	0.0030	P	2.5

$$y = 7.8330E-004 * x + 1.2129E-004$$

$$R = 1.0000$$

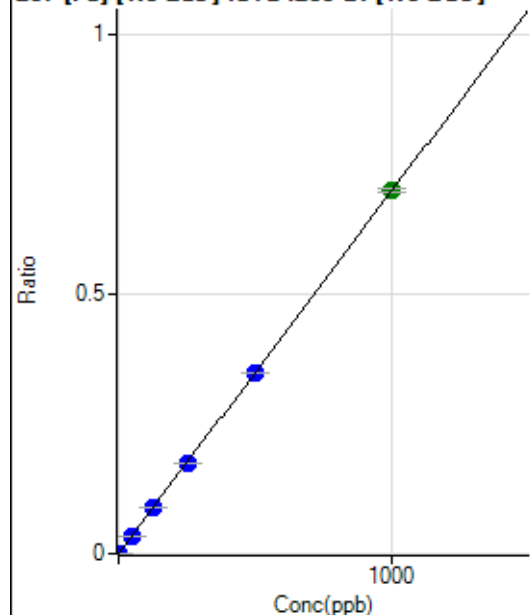
$$DL = 0.01053$$

$$BEC = 0.1548$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1218.62	0.0001	P	7.6
2	☐	1.000	0.938	8074.88	0.0008	P	1.8
3	☐	50.000	49.438	370868.27	0.0347	P	1.1
4	☐	125.000	125.345	927158.67	0.0877	P	0.6
5	☐	250.000	249.913	1844625.53	0.1747	P	0.7
6	☐	500.000	497.929	3589617.33	0.3480	P	0.2
7	☐	1000.000	1001.042	7208814.92	0.6995	A	1.1
8	☐			24428.62	0.0028	P	2.0

$$y = 6.9862E-004 * x + 1.1487E-004$$

$$R = 1.0000$$

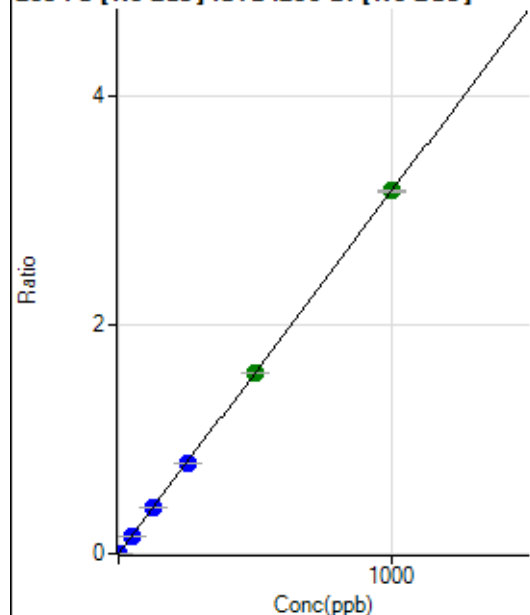
$$DL = 0.03767$$

$$BEC = 0.1644$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4674.52	0.0004	P	1.0
2	☐	1.000	0.951	36240.55	0.0035	P	1.6
3	☐	50.000	49.473	1683953.01	0.1573	P	0.7
4	☐	125.000	125.375	4209150.02	0.3981	P	0.6
5	☐	250.000	250.098	8379248.91	0.7936	P	1.1
6	☐	500.000	498.143	16301885.03	1.5803	A	0.3
7	☐	1000.000	1000.884	32720723.65	3.1748	A	0.6
8	☐			108446.83	0.0123	P	2.1

$$y = 0.0032 * x + 4.4043E-004$$

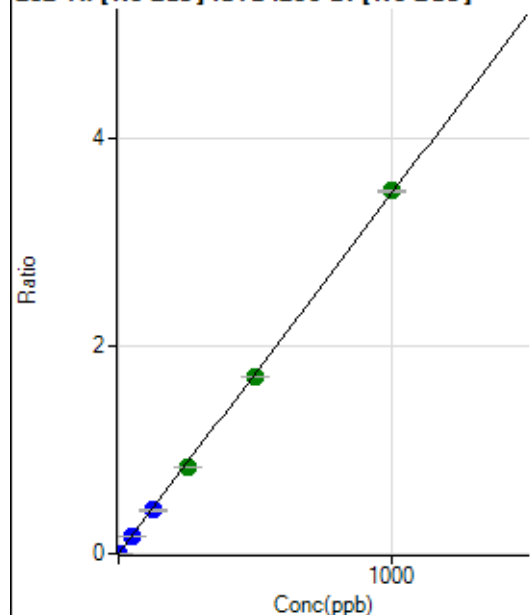
$$R = 1.0000$$

$$DL = 0.004237$$

$$BEC = 0.1389$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2446.61	0.0002	P	6.1
2	☐	1.000	0.786	30987.22	0.0030	P	2.1
3	☐	50.000	46.486	1727201.92	0.1614	P	0.5
4	☐	125.000	120.209	4409009.33	0.4170	P	0.9
5	☐	250.000	239.972	8786492.10	0.8322	A	0.3
6	☐	500.000	491.908	17594547.04	1.7056	A	0.8
7	☐	1000.000	1007.328	35995891.55	3.4925	A	0.4
8	☐			9318.37	0.0011	P	4.3

$$y = 0.0035 * x + 2.3051E-004$$

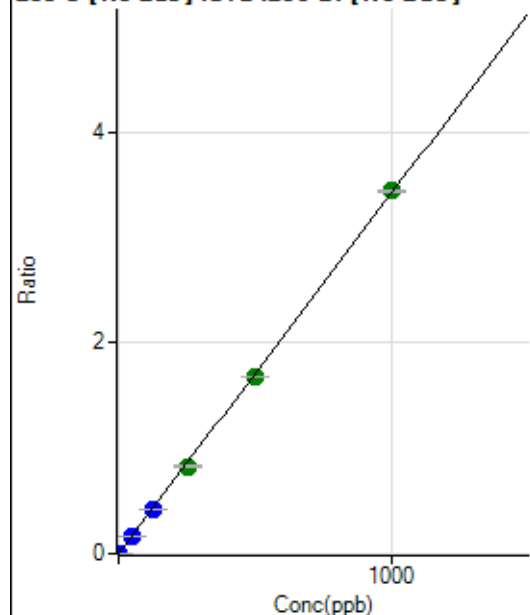
$$R = 0.9999$$

$$DL = 0.01219$$

$$BEC = 0.06649$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2892.11	0.0003	P	6.9
2	☐	1.000	0.935	36346.44	0.0035	P	2.7
3	☐	50.000	47.772	1750496.57	0.1636	P	0.4
4	☐	125.000	121.214	4383764.29	0.4146	P	1.3
5	☐	250.000	241.554	8720397.94	0.8260	A	1.0
6	☐	500.000	491.866	17346310.46	1.6816	A	0.4
7	☐	1000.000	1006.763	35471067.81	3.4416	A	0.3
8	☐			8316.91	0.0009	P	2.1

$$y = 0.0034 * x + 2.7245E-004$$

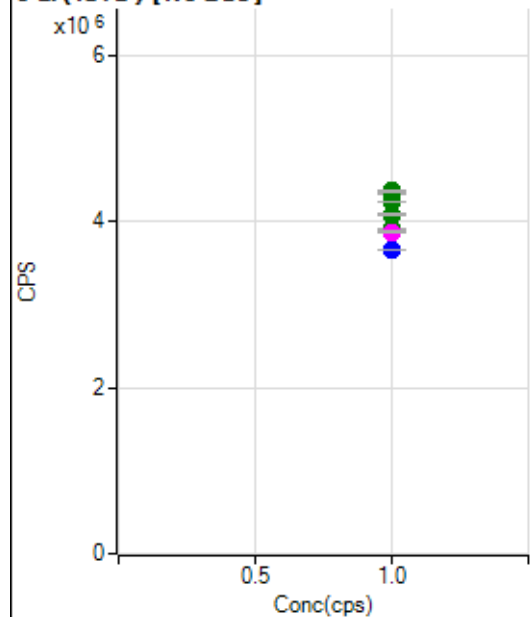
$$R = 0.9999$$

$$DL = 0.01639$$

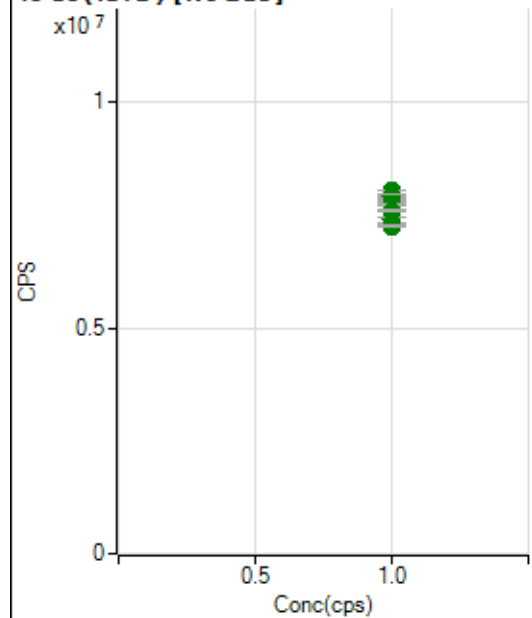
$$BEC = 0.07971$$

Weight: <None>

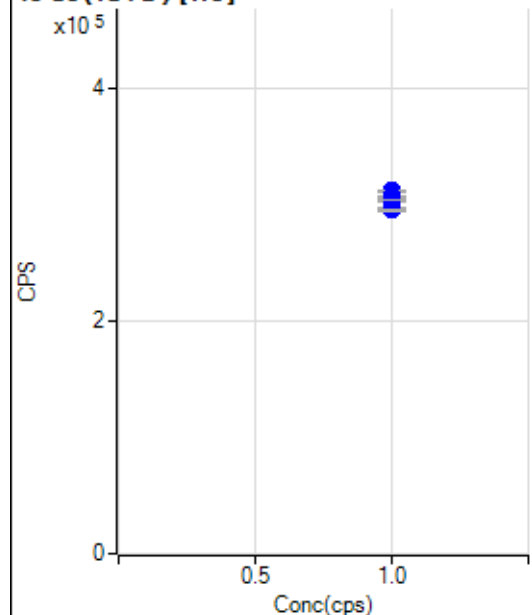
Min Conc: 0

6 Li (ISTD) [No Gas]

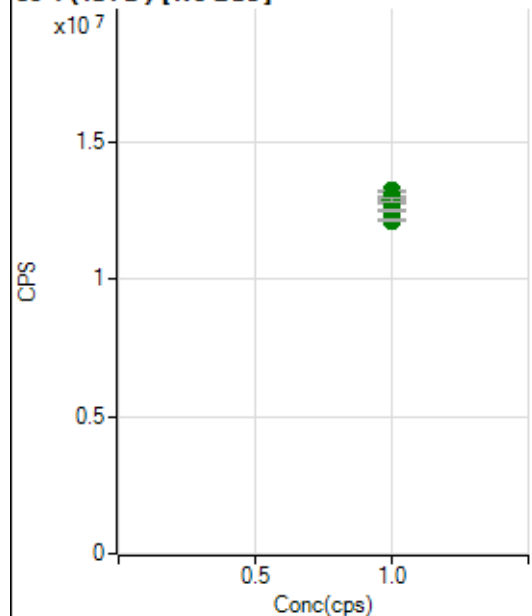
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4337821.95		A	0.7
2	☐	1.000		4341101.01		A	0.4
3	☐	1.000		4372862.99		A	0.5
4	☐	1.000		4236944.00		A	0.3
5	☐	1.000		4086269.73		A	0.6
6	☐	1.000		3909120.01		A	0.3
7	☐	1.000		3871747.79		M	0.6
8	☐	1.000		3657543.38		P	0.3

45 Sc (ISTD) [No Gas]

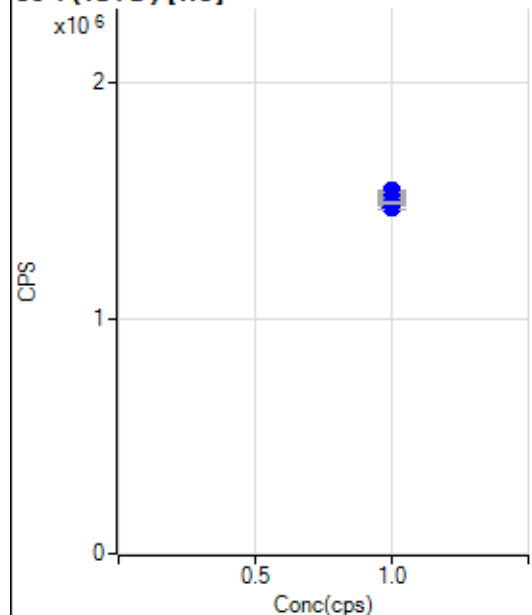
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7840250.52		A	1.4
2	☐	1.000		7885606.60		A	0.5
3	☐	1.000		8032863.63		A	0.1
4	☐	1.000		7903018.32		A	1.3
5	☐	1.000		7732887.59		A	0.4
6	☐	1.000		7392640.79		A	1.5
7	☐	1.000		7597634.63		A	1.0
8	☐	1.000		7243667.35		A	0.7

45 Sc (ISTD) [He]

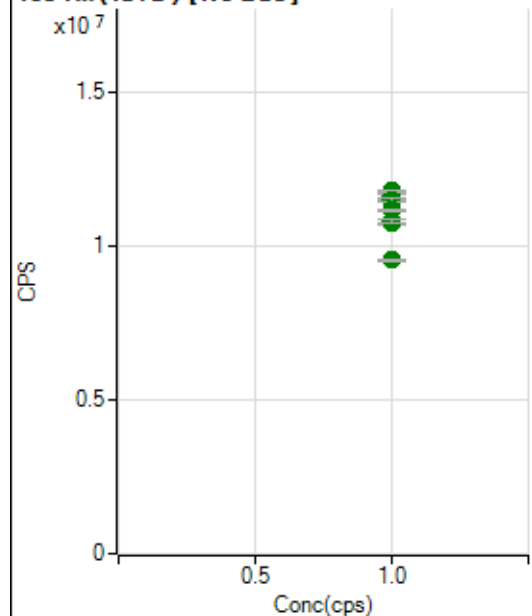
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		303578.67		P	0.8
2	☐	1.000		311615.51		P	0.7
3	☐	1.000		311512.12		P	0.8
4	☐	1.000		306726.89		P	0.5
5	☐	1.000		295915.26		P	0.6
6	☐	1.000		295050.29		P	0.5
7	☐	1.000		304072.70		P	0.3
8	☐	1.000		295464.22		P	0.6

89 Y (ISTD) [No Gas]

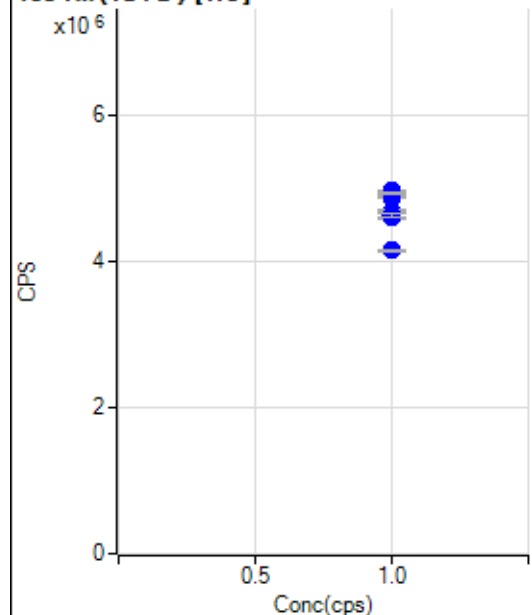
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12934334.39		A	1.1
2	☐	1.000		12851724.81		A	1.1
3	☐	1.000		13204502.86		A	0.6
4	☐	1.000		12998814.81		A	0.7
5	☐	1.000		12755947.17		A	0.4
6	☐	1.000		12478739.12		A	0.7
7	☐	1.000		12855238.42		A	0.9
8	☐	1.000		12121804.54		A	0.6

89 Y(ISTD) [He]

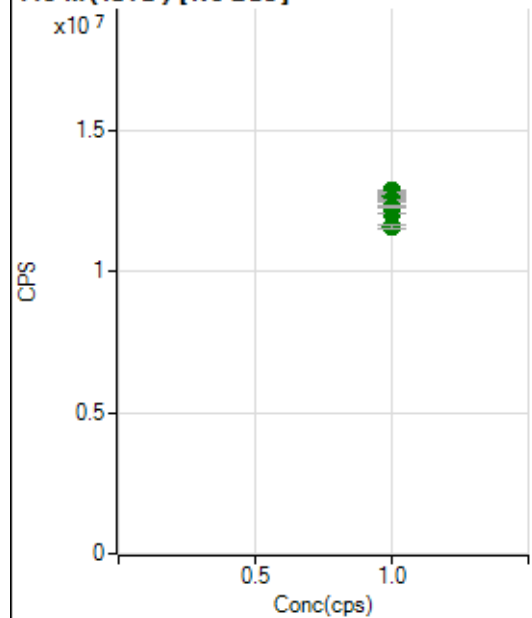
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1498619.37		P	1.6
2	☐	1.000		1526687.75		P	1.0
3	☐	1.000		1541520.93		P	0.3
4	☐	1.000		1529530.69		P	0.7
5	☐	1.000		1474384.04		P	1.2
6	☐	1.000		1471451.88		P	0.9
7	☐	1.000		1510059.77		P	0.7
8	☐	1.000		1489252.95		P	0.4

103 Rh(ISTD) [No Gas]

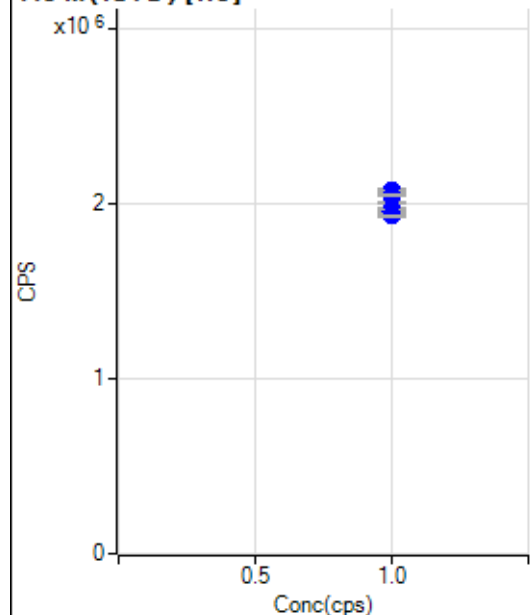
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11610517.88		A	1.3
2	☐	1.000		11514608.59		A	0.5
3	☐	1.000		11771872.57		A	0.8
4	☐	1.000		11485201.30		A	1.0
5	☐	1.000		11138224.73		A	1.0
6	☐	1.000		10719692.95		A	0.8
7	☐	1.000		10801495.99		A	1.1
8	☐	1.000		9524790.75		A	0.7

103 Rh (ISTD) [He]

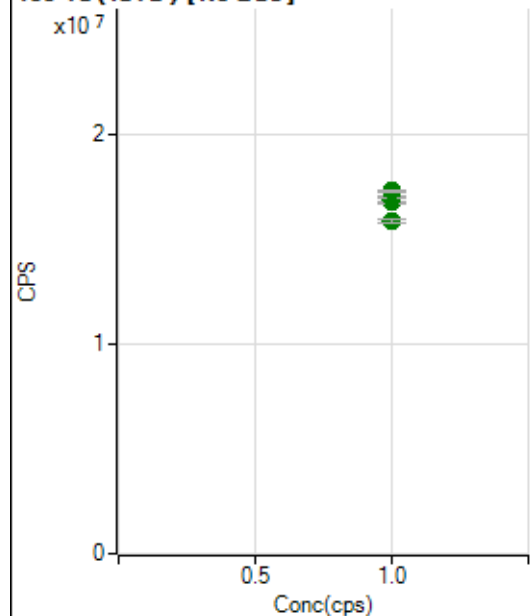
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4875640.31		P	0.9
2	☐	1.000		4943912.18		P	1.1
3	☐	1.000		4959782.49		P	0.7
4	☐	1.000		4922515.73		P	0.5
5	☐	1.000		4691342.68		P	0.6
6	☐	1.000		4597360.17		P	0.5
7	☐	1.000		4625838.30		P	1.6
8	☐	1.000		4140957.37		P	0.8

115 In (ISTD) [No Gas]

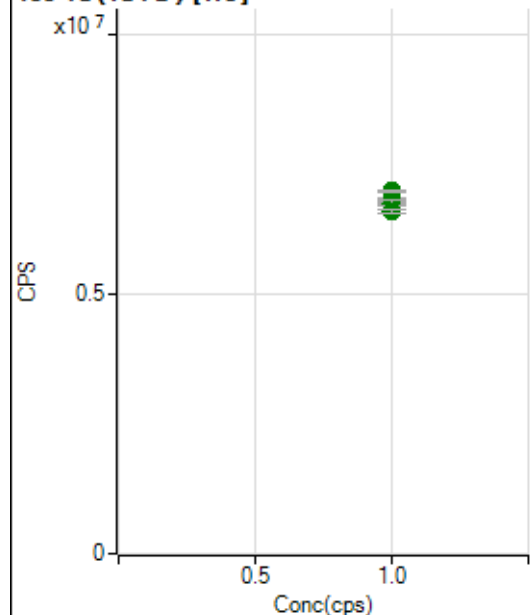
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12695510.99		A	0.6
2	☐	1.000		12699243.54		A	1.0
3	☐	1.000		12869833.73		A	0.7
4	☐	1.000		12776699.41		A	0.8
5	☐	1.000		12522696.39		A	0.7
6	☐	1.000		12078554.71		A	0.4
7	☐	1.000		12307844.20		A	0.4
8	☐	1.000		11592279.62		A	0.8

115 In (ISTD) [He]

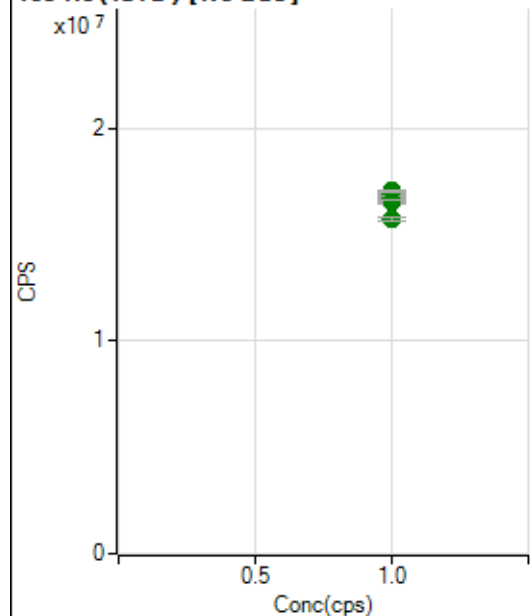
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2005593.29		P	1.0
2	☐	1.000		2074220.62		P	1.2
3	☐	1.000		2069987.75		P	0.5
4	☐	1.000		2050099.59		P	0.7
5	☐	1.000		1967629.23		P	1.2
6	☐	1.000		1939841.91		P	0.7
7	☐	1.000		1957501.51		P	0.8
8	☐	1.000		1930453.14		P	0.7

159 Tb (ISTD) [No Gas]

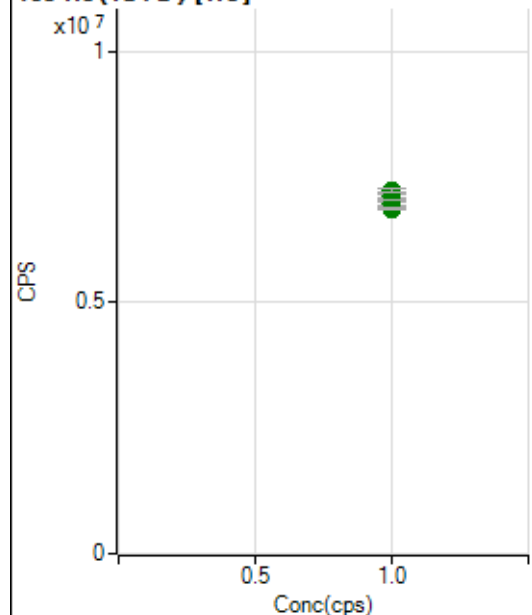
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16893710.30		A	1.2
2	☐	1.000		16770282.81		A	0.8
3	☐	1.000		17020781.97		A	0.4
4	☐	1.000		17088463.49		A	0.1
5	☐	1.000		17039807.94		A	0.4
6	☐	1.000		16974211.27		A	0.2
7	☐	1.000		17335217.38		A	0.5
8	☐	1.000		15885610.46		A	0.7

159 Tb (ISTD) [He]

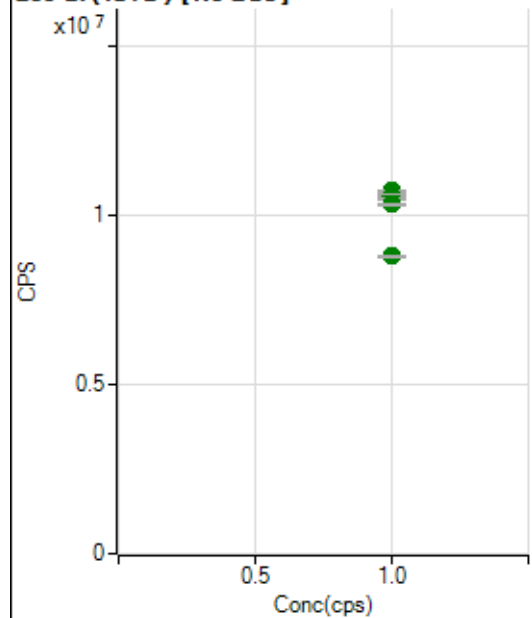
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6737927.54		A	1.1
2	☐	1.000		6744283.86		A	0.6
3	☐	1.000		6860600.52		A	0.4
4	☐	1.000		6956657.74		A	0.1
5	☐	1.000		6790459.55		A	0.7
6	☐	1.000		6763987.54		A	1.4
7	☐	1.000		6995859.06		A	0.6
8	☐	1.000		6600939.28		A	0.7

165 Ho (ISTD) [No Gas]

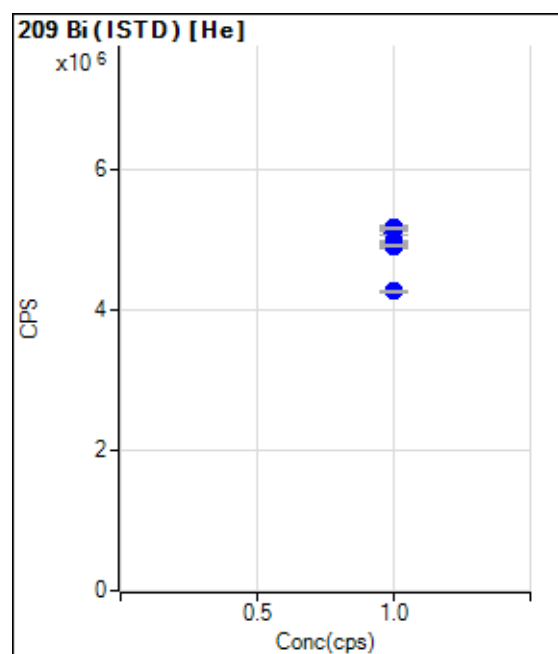
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16520511.83		A	0.3
2	☐	1.000		16591127.63		A	0.5
3	☐	1.000		16784468.26		A	0.9
4	☐	1.000		16931180.94		A	0.3
5	☐	1.000		16887019.82		A	1.7
6	☐	1.000		16755658.19		A	1.2
7	☐	1.000		17072349.69		A	0.5
8	☐	1.000		15739788.20		A	0.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6969353.09		A	0.8
2	☐	1.000		7050220.03		A	0.9
3	☐	1.000		7112187.26		A	0.9
4	☐	1.000		7163381.84		A	0.3
5	☐	1.000		7013981.15		A	0.8
6	☐	1.000		7037834.89		A	0.2
7	☐	1.000		7215537.88		A	1.2
8	☐	1.000		6852288.16		A	0.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10613883.80		A	0.9
2	☐	1.000		10481997.13		A	1.0
3	☐	1.000		10702134.70		A	0.6
4	☐	1.000		10574239.01		A	1.1
5	☐	1.000		10558440.12		A	0.7
6	☐	1.000		10315607.69		A	0.3
7	☐	1.000		10306707.42		A	0.8
8	☐	1.000		8786501.81		A	0.7



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5104830.45		P	1.5
2	☐	1.000		5144938.22		P	1.0
3	☐	1.000		5167749.33		P	1.0
4	☐	1.000		5162554.75		P	0.4
5	☐	1.000		4975760.62		P	0.7
6	☐	1.000		4910590.07		P	1.0
7	☐	1.000		4923672.91		P	0.7
8	☐	1.000		4270623.41		P	0.6

US EPA Tune Check Sample Report

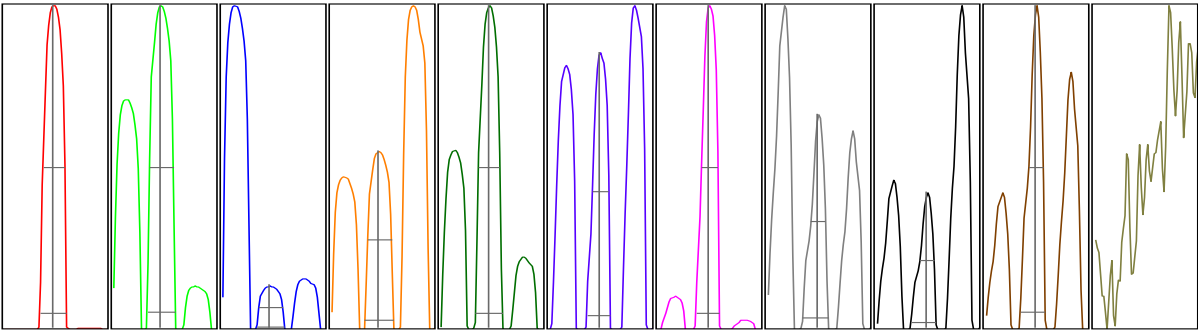
Batch Folder D:\ICP-MS Data\P7123019MS3.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	11428	1.35	5.00	
24	120213	1.23	5.00	
25	16143	1.24	5.00	
26	18827	1.25	5.00	
59	82790	1.22	5.00	
113	10768	1.96	5.00	
115	123851	1.25	5.00	
206	27567	1.29	5.00	
207	25089	1.45	5.00	
208	59772	1.34	5.00	
220	138	3.89		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	11325	11401	11406	11694	11314
24	119587	119483	120469	122655	118874
25	16105	16021	16210	16448	15930
26	18794	18780	18673	19235	18655
59	83061	82355	82828	84229	81477
113	10866	10642	10814	11035	10486
115	124263	122821	123264	126367	122540
206	27872	27380	27392	28010	27181
207	25218	24834	24968	25660	24764
208	60151	59292	59484	60972	58959
220	143	137	135	132	145

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	18592	8.95	8.9 - 9.1		0.780	0.900	
24	185464	23.90	23.9 - 24.1		0.830	0.900	
25	24682	24.90	24.9 - 25.1		0.821	0.900	
26	28819	25.90	25.9 - 26.1		0.833	0.900	
59	141212	58.95	58.9 - 59.1		0.781	0.900	
113	21573	113.00	112.9 - 113.1		0.683	0.900	
115	249950	115.00	114.9 - 115.1		0.682	0.900	
206	60691	206.00	205.9 - 206.1		0.734	0.900	
207	55887	207.00	206.9 - 207.1		0.725	0.900	
208	131888	208.00	207.9 - 208.1		0.721	0.900	
220			-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	6.8	V	Deflect	13.2	V
Extract 2	-115.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-55	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination		5.0 V
He Flow	0.0	mL/min	OctP RF	170	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	19820	2.12	
89	6047	2.07	
205	20991	2.53	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	20109	19081	20002	20030	19878
89	6167	5863	6113	6116	5974
205	21480	20096	21196	21195	20990

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	5.6	V	Deflect	1.4	V
Extract 2	-130.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-60	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 18:07:10 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.00	-0.09	0.09	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.02	-0.01	-0.01	0.00	N/A	ppb
Barium	135-1	-0.01	0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	0.01	0.00	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.08	0.17	-0.09	0.00	N/A	ppb
Boron	11-1	-0.03	0.03	0.00	0.00	N/A	ppb
Cadmium	111-1	0.07	-0.08	0.01	0.00	N/A	ppb
Cadmium	106-1	0.84	-1.00	0.16	0.00	N/A	ppb
Cadmium	108-1	0.01	0.01	-0.01	0.00	N/A	ppb
Calcium	43-1	-1.05	2.10	-1.04	0.00	N/A	ppb
Calcium	44-1	-1.32	0.03	1.29	0.00	N/A	ppb
Chromium	52-2	-0.02	0.03	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00	N/A	ppb
Copper	63-2	0.02	-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	0.05	0.13	-0.19	0.00	N/A	ppb
Iron	57-2	0.94	-0.34	-0.60	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	-0.01	0.00	0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.00	-0.13	0.13	0.00	N/A	ppb

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 18:07:10	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.04	0.01	0.04	0.00	N/A	ppb
Molybdenum	94-1	0.00	-0.02	0.02	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	98-1	0.01	0.00	-0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	-0.03	0.00	N/A	ppb
Phosphorus	31-2	-22.63	-31.23	-39.86	-31.24		ppb
Potassium	39-2	0.63	-1.59	0.96	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-0.15	0.29	-0.15	0.00	N/A	ppb
Selenium	78-2	-0.13	0.48	-0.36	0.00	N/A	ppb
Selenium	82-1	-0.06	0.15	-0.09	0.00	N/A	ppb
Silicon	28-1	-0.17	-0.28	0.45	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.01	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.52	-0.73	0.22	0.00	N/A	ppb
Strontium	86-1	-0.03	0.02	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-9.06	-116.26	-12.35	-45.89		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.01	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	0.01	-0.01	0.00	N/A	ppb
Titanium	47-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Uranium	238-1	0.01	-0.01	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 :	LB107440	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 18:07:10	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.05	0.02	0.03	0.00	N/A	ppb
Zirconium	90-1	-0.01	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 : LB107440 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 18:10:49 DataFile Name : 004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.91	18.75	21.21	19.62	7.02	ppb
Antimony	121-1	2.01	1.94	2.04	2.00	2.43	ppb
Arsenic	75-2	1.12	0.99	0.90	1.00	11.26	ppb
Barium	135-1	10.23	10.06	10.14	10.14	0.80	ppb
Barium	137-1	10.46	10.47	10.55	10.49	0.44	ppb
Beryllium	9-1	1.00	1.00	1.06	1.02	3.63	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	10-1	24.36	23.85	24.75	24.32	1.85	ppb
Boron	11-1	23.69	24.75	24.98	24.47	2.82	ppb
Cadmium	111-1	1.10	1.02	1.05	1.06	3.98	ppb
Cadmium	106-1	1.67	-0.13	1.52	1.02	97.53	ppb
Cadmium	108-1	0.98	0.95	1.03	0.99	3.87	ppb
Calcium	43-1	494.23	526.85	505.60	508.89	3.25	ppb
Calcium	44-1	505.11	494.73	493.34	497.73	1.29	ppb
Chromium	52-2	2.01	2.03	1.91	1.98	3.16	ppb
Cobalt	59-2	1.05	1.04	1.10	1.06	2.73	ppb
Copper	63-2	2.02	2.01	2.08	2.04	1.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				103		%
Iron	56-2	54.86	54.62	54.09	54.53	0.72	ppb
Iron	57-2	55.53	59.22	57.49	57.41	3.21	ppb
Krypton	83-1						cps
Lead	206-1	0.96	0.96	0.93	0.95	1.86	ppb
Lead	207-1	0.92	0.94	0.96	0.94	2.14	ppb
Lead	208-1	0.97	0.94	0.94	0.95	1.87	ppb
Lithium	6-1				100		%
Magnesium	24-2	560.94	561.70	546.36	556.33	1.55	ppb

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 18:10:49	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.04	1.08	1.12	1.08	3.61	ppb
Molybdenum	94-1	4.89	4.97	4.83	4.90	1.37	ppb
Molybdenum	95-1	5.09	5.00	5.20	5.09	2.00	ppb
Molybdenum	96-1	5.17	5.06	5.15	5.13	1.13	ppb
Molybdenum	97-1	5.13	5.21	4.99	5.11	2.12	ppb
Molybdenum	98-1	5.15	5.22	5.27	5.21	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	1.11	1.02	1.07	4.14	ppb
Phosphorus	31-2	34.36	27.14	32.21	31.24	11.87	ppb
Potassium	39-2	519.67	518.97	512.46	517.03	0.77	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	77-2	5.77	3.73	5.42	4.97	21.94	ppb
Selenium	78-2	5.92	5.99	4.76	5.56	12.45	ppb
Selenium	82-1	6.03	5.70	5.08	5.60	8.61	ppb
Silicon	28-1	9.38	9.06	9.47	9.30	2.28	ppb
Silver	109-1	1.20	1.12	1.19	1.17	3.93	ppb
Silver	107-1	1.16	1.19	1.20	1.18	1.76	ppb
Sodium	23-2	535.72	528.24	529.77	531.24	0.74	ppb
Strontium	86-1	0.93	1.04	1.01	0.99	5.68	ppb
Strontium	88-1	1.00	1.05	0.96	1.01	4.48	ppb
Sulfur	34-1	85.48	38.51	13.68	45.89	79.46	ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.96	0.95	0.96	0.95	0.56	ppb
Thallium	205-1	0.95	0.97	0.93	0.95	2.26	ppb
Thorium	232-1	0.80	0.79	0.77	0.79	2.30	ppb
Tin	118-1	5.36	5.32	5.21	5.30	1.49	ppb
Titanium	47-1	5.25	5.10	5.28	5.21	1.89	ppb
Uranium	238-1	0.95	0.90	0.95	0.93	2.96	ppb
Vanadium	51-2	5.09	5.19	5.21	5.16	1.26	ppb
Yttrium	89-1				99		%
Yttrium	89-2				102		%

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 18:10:49	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.89	2.18	2.32	2.13	10.14	ppb
Zirconium	90-1	0.88	0.81	0.83	0.84	4.36	ppb
Zirconium	91-1	0.91	0.87	0.82	0.87	5.23	ppb

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 18:15:38 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1015.48	1011.45	1010.71	1012.55	0.25	ppb
Antimony	121-1	50.64	51.69	51.19	51.17	1.02	ppb
Arsenic	75-2	51.32	52.05	52.26	51.88	0.95	ppb
Barium	135-1	258.48	261.60	257.52	259.20	0.82	ppb
Barium	137-1	257.69	264.18	258.00	259.96	1.41	ppb
Beryllium	9-1	51.41	51.02	52.17	51.53	1.13	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	49.26	49.20	51.09	49.85	2.15	ppb
Boron	11-1	49.41	50.32	49.59	49.77	0.97	ppb
Cadmium	111-1	52.52	51.66	52.69	52.29	1.05	ppb
Cadmium	106-1	55.20	54.83	53.29	54.44	1.87	ppb
Cadmium	108-1	52.27	54.58	52.47	53.11	2.41	ppb
Calcium	43-1	5306.62	5192.42	5326.29	5275.11	1.37	ppb
Calcium	44-1	5169.35	5195.90	5179.35	5181.54	0.26	ppb
Chromium	52-2	50.87	51.43	51.47	51.26	0.66	ppb
Cobalt	59-2	52.58	53.42	53.41	53.14	0.92	ppb
Copper	63-2	102.34	103.55	102.85	102.91	0.59	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				102		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	56-2	2611.43	2597.11	2633.64	2614.06	0.70	ppb
Iron	57-2	2622.01	2641.67	2635.11	2632.93	0.38	ppb
Krypton	83-1						cps
Lead	206-1	49.00	50.13	49.27	49.46	1.19	ppb
Lead	207-1	49.30	50.01	49.00	49.44	1.06	ppb
Lead	208-1	49.25	49.85	49.31	49.47	0.66	ppb
Lithium	6-1				101		%
Magnesium	24-2	5340.67	5407.93	5402.63	5383.74	0.69	ppb

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 18:15:38	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	102.42	101.68	102.63	102.24	0.49	ppb
Molybdenum	94-1	250.89	248.70	249.81	249.80	0.44	ppb
Molybdenum	95-1	249.88	249.82	249.74	249.81	0.03	ppb
Molybdenum	96-1	254.39	246.52	250.01	250.31	1.58	ppb
Molybdenum	97-1	251.42	250.25	249.04	250.24	0.48	ppb
Molybdenum	98-1	251.89	251.47	250.44	251.27	0.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.43	54.07	53.67	53.39	1.60	ppb
Phosphorus	31-2	998.12	954.64	1002.59	985.12	2.69	ppb
Potassium	39-2	2538.64	2619.59	2575.46	2577.90	1.57	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	77-2	52.23	56.44	60.53	56.40	7.36	ppb
Selenium	78-2	47.38	52.69	51.64	50.57	5.56	ppb
Selenium	82-1	51.05	52.03	51.53	51.54	0.95	ppb
Silicon	28-1	54.29	55.03	54.92	54.75	0.73	ppb
Silver	109-1	53.68	53.78	53.23	53.56	0.55	ppb
Silver	107-1	53.37	53.71	53.42	53.50	0.34	ppb
Sodium	23-2	5242.60	5343.17	5300.21	5295.33	0.95	ppb
Strontium	86-1	50.43	49.88	50.49	50.27	0.66	ppb
Strontium	88-1	50.05	50.42	50.56	50.34	0.52	ppb
Sulfur	34-1	809.39	772.23	740.39	774.01	4.46	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	48.74	48.95	48.72	48.81	0.26	ppb
Thallium	205-1	49.02	49.17	49.00	49.06	0.19	ppb
Thorium	232-1	46.74	46.47	46.25	46.49	0.53	ppb
Tin	118-1	51.33	52.06	52.13	51.84	0.85	ppb
Titanium	47-1	249.51	249.11	252.84	250.49	0.82	ppb
Uranium	238-1	47.89	47.85	47.58	47.77	0.35	ppb
Vanadium	51-2	49.75	51.02	50.75	50.50	1.32	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 18:15:38	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	102.71	104.51	104.71	103.98	1.06	ppb
Zirconium	90-1	49.03	49.22	50.10	49.45	1.15	ppb
Zirconium	91-1	49.45	49.11	50.97	49.84	1.99	ppb

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 18:19:59	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2573.17	2530.05	2537.58	2546.93	0.90	ppb
Antimony	121-1	130.42	129.45	127.93	129.27	0.97	ppb
Arsenic	75-2	131.25	127.66	129.07	129.33	1.40	ppb
Barium	135-1	647.15	645.37	643.70	645.41	0.27	ppb
Barium	137-1	656.97	643.29	649.14	649.80	1.06	ppb
Beryllium	9-1	130.70	130.07	130.08	130.28	0.28	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	124.54	125.08	128.96	126.19	1.91	ppb
Boron	11-1	124.79	125.78	129.23	126.60	1.84	ppb
Cadmium	111-1	130.56	129.10	129.29	129.65	0.61	ppb
Cadmium	106-1	129.83	128.82	125.95	128.20	1.57	ppb
Cadmium	108-1	130.14	131.91	130.39	130.81	0.73	ppb
Calcium	43-1	13165.29	13253.65	13204.26	13207.73	0.34	ppb
Calcium	44-1	12976.73	12985.38	12981.18	12981.10	0.03	ppb
Chromium	52-2	129.72	128.81	129.56	129.37	0.38	ppb
Cobalt	59-2	131.61	132.10	132.17	131.96	0.23	ppb
Copper	63-2	256.01	258.48	258.71	257.73	0.58	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				103		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	6586.70	6625.38	6601.02	6604.36	0.30	ppb
Iron	57-2	6577.56	6661.41	6706.64	6648.54	0.99	ppb
Krypton	83-1						cps
Lead	206-1	125.44	122.98	126.44	124.96	1.43	ppb
Lead	207-1	124.52	125.46	126.06	125.35	0.62	ppb
Lead	208-1	125.08	124.84	126.20	125.38	0.58	ppb
Lithium	6-1				98		%
Magnesium	24-2	13520.52	13532.53	13658.49	13570.51	0.56	ppb

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 18:19:59	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	260.26	259.36	259.23	259.62	0.22	ppb
Molybdenum	94-1	638.67	638.03	632.52	636.41	0.53	ppb
Molybdenum	95-1	647.84	638.37	638.47	641.56	0.85	ppb
Molybdenum	96-1	639.28	634.19	636.33	636.60	0.40	ppb
Molybdenum	97-1	633.59	630.51	637.86	633.98	0.58	ppb
Molybdenum	98-1	634.99	638.10	633.05	635.38	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	133.03	133.84	134.26	133.71	0.47	ppb
Phosphorus	31-2	2467.94	2601.74	2655.99	2575.22	3.76	ppb
Potassium	39-2	6493.93	6518.06	6467.05	6493.01	0.39	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	128.34	117.50	138.27	128.03	8.11	ppb
Selenium	78-2	128.95	128.82	127.53	128.44	0.61	ppb
Selenium	82-1	133.08	133.22	132.27	132.86	0.39	ppb
Silicon	28-1	137.81	141.54	142.47	140.61	1.76	ppb
Silver	109-1	134.67	134.40	133.19	134.09	0.59	ppb
Silver	107-1	132.38	131.83	133.07	132.43	0.47	ppb
Sodium	23-2	13247.93	13111.99	13328.47	13229.46	0.83	ppb
Strontium	86-1	127.42	128.55	126.79	127.59	0.70	ppb
Strontium	88-1	128.09	128.10	128.62	128.27	0.23	ppb
Sulfur	34-1	2288.81	2493.95	2486.87	2423.21	4.81	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	125.58	123.21	124.73	124.50	0.96	ppb
Thallium	205-1	125.14	122.80	125.15	124.36	1.09	ppb
Thorium	232-1	119.80	119.42	121.40	120.21	0.87	ppb
Tin	118-1	131.00	130.28	129.71	130.33	0.50	ppb
Titanium	47-1	619.30	628.48	645.46	631.08	2.10	ppb
Uranium	238-1	119.98	120.66	123.00	121.21	1.31	ppb
Vanadium	51-2	126.57	128.23	127.78	127.53	0.68	ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 18:19:59	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	261.39	264.53	259.08	261.67	1.04	ppb
Zirconium	90-1	126.00	127.42	126.37	126.60	0.58	ppb
Zirconium	91-1	125.84	127.82	126.37	126.67	0.81	ppb

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 18:23:54 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5021.31	5007.50	4991.49	5006.77	0.30	ppb
Antimony	121-1	255.11	259.01	256.06	256.73	0.79	ppb
Arsenic	75-2	252.78	253.40	258.15	254.77	1.15	ppb
Barium	135-1	1279.68	1299.32	1291.78	1290.26	0.77	ppb
Barium	137-1	1272.73	1291.16	1285.60	1283.17	0.74	ppb
Beryllium	9-1	257.01	257.76	256.22	257.00	0.30	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	245.15	250.43	255.41	250.33	2.05	ppb
Boron	11-1	245.78	246.55	258.65	250.33	2.88	ppb
Cadmium	111-1	250.79	253.44	251.96	252.06	0.53	ppb
Cadmium	106-1	247.72	261.75	251.33	253.60	2.87	ppb
Cadmium	108-1	254.82	253.93	254.84	254.53	0.20	ppb
Calcium	43-1	25979.07	26115.14	26513.82	26202.68	1.06	ppb
Calcium	44-1	25591.35	25712.97	25844.97	25716.43	0.49	ppb
Chromium	52-2	254.47	253.82	257.99	255.42	0.88	ppb
Cobalt	59-2	258.71	259.54	261.82	260.02	0.62	ppb
Copper	63-2	497.41	496.52	508.15	500.70	1.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	13031.99	13183.75	13018.27	13078.00	0.70	ppb
Iron	57-2	13085.68	13126.68	13203.02	13138.46	0.45	ppb
Krypton	83-1						cps
Lead	206-1	247.36	253.94	252.35	251.22	1.37	ppb
Lead	207-1	248.63	252.03	249.08	249.91	0.74	ppb
Lead	208-1	247.68	253.08	249.53	250.10	1.10	ppb
Lithium	6-1				94		%
Magnesium	24-2	26350.80	26524.68	26357.13	26410.87	0.37	ppb

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 18:23:54	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	506.67	509.27	513.75	509.90	0.70	ppb
Molybdenum	94-1	1267.15	1271.37	1257.50	1265.34	0.56	ppb
Molybdenum	95-1	1266.97	1266.15	1245.72	1259.62	0.96	ppb
Molybdenum	96-1	1255.48	1276.80	1261.46	1264.58	0.87	ppb
Molybdenum	97-1	1259.40	1283.57	1247.89	1263.62	1.44	ppb
Molybdenum	98-1	1250.38	1271.54	1244.83	1255.58	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	259.82	260.02	262.54	260.79	0.58	ppb
Phosphorus	31-2	5141.16	5056.87	5210.90	5136.31	1.50	ppb
Potassium	39-2	12724.59	12698.80	12917.33	12780.24	0.93	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	77-2	261.32	245.21	262.30	256.27	3.74	ppb
Selenium	78-2	262.01	254.08	265.09	260.39	2.18	ppb
Selenium	82-1	261.34	263.77	261.56	262.23	0.51	ppb
Silicon	28-1	275.93	279.08	280.91	278.64	0.90	ppb
Silver	109-1	258.41	258.17	260.34	258.97	0.46	ppb
Silver	107-1	257.11	264.72	259.68	260.50	1.49	ppb
Sodium	23-2	26112.70	26177.84	25997.55	26096.03	0.35	ppb
Strontium	86-1	247.72	253.36	255.00	252.03	1.52	ppb
Strontium	88-1	249.90	250.22	252.49	250.87	0.56	ppb
Sulfur	34-1	4749.91	4801.80	4548.71	4700.14	2.84	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	244.63	251.81	245.98	247.47	1.54	ppb
Thallium	205-1	245.90	252.24	248.71	248.95	1.28	ppb
Thorium	232-1	239.17	240.14	240.61	239.97	0.31	ppb
Tin	118-1	257.04	259.83	259.19	258.69	0.57	ppb
Titanium	47-1	1230.83	1247.76	1241.35	1239.98	0.69	ppb
Uranium	238-1	238.86	243.75	242.05	241.55	1.03	ppb
Vanadium	51-2	250.48	252.92	252.56	251.98	0.52	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 18:23:54	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	510.52	516.76	514.25	513.84	0.61	ppb
Zirconium	90-1	253.89	252.70	254.13	253.58	0.30	ppb
Zirconium	91-1	255.08	252.17	254.57	253.94	0.61	ppb

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 18:27:47	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9786.74	9909.88	9783.58	9826.73	0.73	ppb
Antimony	121-1	496.15	496.29	499.18	497.21	0.34	ppb
Arsenic	75-2	500.49	502.30	499.62	500.80	0.27	ppb
Barium	135-1	2501.91	2475.94	2510.51	2496.12	0.72	ppb
Barium	137-1	2490.77	2467.65	2483.77	2480.73	0.48	ppb
Beryllium	9-1	500.39	501.87	498.00	500.09	0.39	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	501.60	508.96	505.37	505.31	0.73	ppb
Boron	11-1	487.90	507.22	506.67	500.59	2.20	ppb
Cadmium	111-1	485.66	477.25	489.07	484.00	1.26	ppb
Cadmium	106-1	473.19	476.69	492.92	480.93	2.19	ppb
Cadmium	108-1	482.85	478.04	477.42	479.44	0.62	ppb
Calcium	43-1	52971.07	51640.17	52137.99	52249.74	1.29	ppb
Calcium	44-1	52610.92	50888.55	51389.97	51629.81	1.72	ppb
Chromium	52-2	501.79	505.46	499.34	502.20	0.61	ppb
Cobalt	59-2	507.16	504.69	505.23	505.70	0.26	ppb
Copper	63-2	970.76	970.53	969.97	970.42	0.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				95		%
Indium	115-2				97		%
Iron	56-2	25843.77	25664.85	25550.69	25686.44	0.58	ppb
Iron	57-2	25749.55	25724.37	25574.02	25682.65	0.37	ppb
Krypton	83-1						cps
Lead	206-1	503.00	499.26	496.05	499.44	0.70	ppb
Lead	207-1	497.05	498.11	498.62	497.93	0.16	ppb
Lead	208-1	498.69	499.34	496.40	498.14	0.31	ppb
Lithium	6-1				90		%
Magnesium	24-2	51616.45	52358.80	52306.50	52093.92	0.80	ppb

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 18:27:47 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1001.38	1005.45	999.07	1001.97	0.32	ppb
Molybdenum	94-1	2490.83	2443.43	2513.91	2482.72	1.45	ppb
Molybdenum	95-1	2474.34	2467.94	2519.32	2487.20	1.13	ppb
Molybdenum	96-1	2517.58	2447.95	2509.01	2491.51	1.52	ppb
Molybdenum	97-1	2510.88	2467.39	2489.98	2489.42	0.87	ppb
Molybdenum	98-1	2502.60	2480.29	2495.85	2492.91	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.42	507.66	508.86	505.98	0.79	ppb
Phosphorus	31-2	10155.52	10022.65	10157.68	10111.95	0.76	ppb
Potassium	39-2	25443.44	25393.29	25475.94	25437.56	0.16	ppb
Rhodium	103-1				92		%
Rhodium	103-2				94		%
Scandium	45-1				94		%
Scandium	45-2				97		%
Selenium	77-2	485.55	496.78	487.63	489.99	1.22	ppb
Selenium	78-2	508.97	501.37	510.18	506.84	0.94	ppb
Selenium	82-1	514.09	505.07	514.65	511.27	1.05	ppb
Silicon	28-1	544.82	527.08	544.12	538.67	1.87	ppb
Silver	109-1	488.94	479.59	487.24	485.25	1.03	ppb
Silver	107-1	485.99	487.16	486.91	486.69	0.13	ppb
Sodium	23-2	51403.80	51157.80	51448.17	51336.59	0.30	ppb
Strontium	86-1	503.48	496.02	498.53	499.34	0.76	ppb
Strontium	88-1	505.70	497.91	502.62	502.07	0.78	ppb
Sulfur	34-1	10186.80	9366.72	9787.43	9780.31	4.19	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	496.84	494.14	490.33	493.77	0.66	ppb
Thallium	205-1	498.27	492.00	490.44	493.57	0.84	ppb
Thorium	232-1	493.59	487.51	494.62	491.91	0.78	ppb
Tin	118-1	498.96	495.70	504.16	499.61	0.85	ppb
Titanium	47-1	2519.58	2473.52	2473.58	2488.90	1.07	ppb
Uranium	238-1	493.76	489.94	491.89	491.87	0.39	ppb
Vanadium	51-2	499.65	499.72	502.41	500.59	0.31	ppb
Yttrium	89-1				96		%
Yttrium	89-2				98		%

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 18:27:47	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	984.99	999.61	991.80	992.13	0.74	ppb
Zirconium	90-1	502.25	495.97	498.61	498.94	0.63	ppb
Zirconium	91-1	502.15	499.81	501.02	500.99	0.23	ppb

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 18:31:37	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19313.05	19557.80	19614.26	19495.03	0.82	ppb
Antimony	121-1	1009.26	991.06	997.05	999.12	0.93	ppb
Arsenic	75-2	995.16	997.24	1000.91	997.77	0.29	ppb
Barium	135-1	4980.78	4956.11	5029.70	4988.86	0.75	ppb
Barium	137-1	4984.18	4963.20	5045.85	4997.74	0.86	ppb
Beryllium	9-1	993.70	1004.26	994.45	997.47	0.59	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	992.84	1003.12	995.46	997.14	0.54	ppb
Boron	11-1	997.01	999.50	1001.83	999.45	0.24	ppb
Cadmium	111-1	1011.48	990.68	1018.21	1006.79	1.43	ppb
Cadmium	106-1	1005.53	1000.76	1017.76	1008.01	0.87	ppb
Cadmium	108-1	1017.09	994.26	1013.46	1008.27	1.22	ppb
Calcium	43-1	105595.22	105036.40	102738.23	104456.62	1.45	ppb
Calcium	44-1	103694.76	103734.71	102202.85	103210.77	0.85	ppb
Chromium	52-2	999.74	1002.58	988.50	996.94	0.75	ppb
Cobalt	59-2	993.77	995.15	991.94	993.62	0.16	ppb
Copper	63-2	2014.97	2016.95	2008.59	2013.50	0.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	50946.01	51229.56	51009.87	51061.81	0.29	ppb
Iron	57-2	50609.71	50789.65	51125.10	50841.49	0.51	ppb
Krypton	83-1						cps
Lead	206-1	1010.70	988.68	1000.65	1000.01	1.10	ppb
Lead	207-1	1013.54	994.09	995.49	1001.04	1.08	ppb
Lead	208-1	1008.04	995.83	998.77	1000.88	0.64	ppb
Lithium	6-1				89		%
Magnesium	24-2	101394.04	102908.31	103439.00	102580.45	1.03	ppb

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 18:31:37	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1985.18	2008.02	1992.48	1995.23	0.58	ppb
Molybdenum	94-1	5012.81	5033.11	4964.24	5003.39	0.71	ppb
Molybdenum	95-1	4994.75	5009.96	5001.09	5001.93	0.15	ppb
Molybdenum	96-1	4991.48	5008.47	4997.45	4999.13	0.17	ppb
Molybdenum	97-1	5009.25	5009.20	4983.81	5000.75	0.29	ppb
Molybdenum	98-1	5012.32	4992.35	4997.68	5000.79	0.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	990.88	991.40	996.88	993.05	0.33	ppb
Phosphorus	31-2	19801.83	19725.47	20176.57	19901.29	1.21	ppb
Potassium	39-2	50221.55	49787.36	50212.63	50073.85	0.50	ppb
Rhodium	103-1				93		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				100		%
Selenium	77-2	1036.25	971.03	1000.93	1002.74	3.26	ppb
Selenium	78-2	994.67	993.98	991.91	993.52	0.14	ppb
Selenium	82-1	993.56	998.01	979.17	990.25	0.99	ppb
Silicon	28-1	975.81	976.24	961.93	971.32	0.84	ppb
Silver	109-1	1006.22	987.56	1017.67	1003.82	1.51	ppb
Silver	107-1	1002.06	993.52	1013.20	1002.93	0.98	ppb
Sodium	23-2	102040.28	102741.01	102746.90	102509.40	0.40	ppb
Strontium	86-1	1012.23	997.20	989.02	999.49	1.18	ppb
Strontium	88-1	1002.35	998.32	994.29	998.32	0.40	ppb
Sulfur	34-1	20199.63	20450.45	19967.03	20205.71	1.20	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	1015.69	993.18	1002.72	1003.87	1.13	ppb
Thallium	205-1	1007.47	998.19	1005.15	1003.60	0.48	ppb
Thorium	232-1	1011.81	1005.30	1004.87	1007.33	0.39	ppb
Tin	118-1	995.26	990.02	1006.51	997.27	0.84	ppb
Titanium	47-1	5003.02	5044.32	4974.48	5007.27	0.70	ppb
Uranium	238-1	1007.93	1008.93	1003.43	1006.76	0.29	ppb
Vanadium	51-2	995.33	1001.63	999.64	998.87	0.32	ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 18:31:37	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1993.09	1999.11	2004.25	1998.82	0.28	ppb
Zirconium	90-1	1001.65	1005.20	991.54	999.46	0.71	ppb
Zirconium	91-1	1001.83	1001.73	991.39	998.32	0.60	ppb

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 18:35:26 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99659.58	100288.52	100401.94	100116.68	0.40	ppb
Antimony	121-1	1.15	1.12	1.22	1.16	4.72	ppb
Arsenic	75-2	0.58	0.52	0.73	0.61	17.63	ppb
Barium	135-1	1.46	1.51	1.34	1.43	5.99	ppb
Barium	137-1	1.35	1.37	1.35	1.36	0.64	ppb
Beryllium	9-1	0.22	0.20	0.20	0.21	4.83	ppb
Bismuth	209-1				83		%
Bismuth	209-2				84		%
Boron	10-1	26.24	26.53	23.83	25.53	5.80	ppb
Boron	11-1	28.08	25.20	23.03	25.44	9.96	ppb
Cadmium	111-1	0.26	0.30	0.27	0.28	7.13	ppb
Cadmium	106-1	0.51	0.70	0.89	0.70	26.86	ppb
Cadmium	108-1	0.45	0.32	0.32	0.36	20.66	ppb
Calcium	43-1	499540.06	492479.32	504389.96	498803.11	1.20	ppb
Calcium	44-1	499243.58	496487.27	501704.75	499145.20	0.52	ppb
Chromium	52-2	26.31	26.75	26.11	26.39	1.24	ppb
Cobalt	59-2	1.86	1.91	1.94	1.91	2.10	ppb
Copper	63-2	3.37	3.39	3.36	3.37	0.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				98		%
Indium	115-1				91		%
Indium	115-2				96		%
Iron	56-2	250490.12	250121.66	248428.50	249680.09	0.44	ppb
Iron	57-2	248089.35	250320.29	250751.03	249720.22	0.57	ppb
Krypton	83-1						cps
Lead	206-1	3.74	3.75	3.58	3.69	2.64	ppb
Lead	207-1	3.88	3.84	3.73	3.81	2.08	ppb
Lead	208-1	3.77	3.82	3.66	3.75	2.13	ppb
Lithium	6-1				84		%
Magnesium	24-2	497675.55	500491.03	499353.38	499173.32	0.28	ppb

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 18:35:26	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.30	8.44	8.22	8.32	1.34	ppb
Molybdenum	94-1	3.79	3.63	3.54	3.65	3.49	ppb
Molybdenum	95-1	4.61	4.78	4.81	4.73	2.26	ppb
Molybdenum	96-1	5.36	5.38	5.41	5.38	0.43	ppb
Molybdenum	97-1	4.58	4.41	4.41	4.47	2.14	ppb
Molybdenum	98-1	4.59	4.58	4.31	4.49	3.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.33	18.90	18.80	18.67	1.63	ppb
Phosphorus	31-2	-11.54	-16.43	-23.79	-17.26		ppb
Potassium	39-2	249463.56	249517.80	250780.37	249920.57	0.30	ppb
Rhodium	103-1				82		%
Rhodium	103-2				85		%
Scandium	45-1				92		%
Scandium	45-2				97		%
Selenium	77-2	1.60	-0.15	2.04	1.16	99.37	ppb
Selenium	78-2	0.81	0.69	0.88	0.79	12.60	ppb
Selenium	82-1	1.30	1.29	1.02	1.20	13.33	ppb
Silicon	28-1	92.95	94.65	95.15	94.25	1.23	ppb
Silver	109-1	0.18	0.19	0.20	0.19	3.20	ppb
Silver	107-1	0.19	0.18	0.18	0.18	2.20	ppb
Sodium	23-2	499441.93	501202.66	497220.73	499288.44	0.40	ppb
Strontium	86-1	2.12	2.15	2.03	2.10	2.95	ppb
Strontium	88-1	2.23	2.26	2.18	2.22	1.76	ppb
Sulfur	34-1	-793.12	-799.92	-492.06	-695.03		ppb
Terbium	159-1				94		%
Terbium	159-2				98		%
Thallium	203-1	0.57	0.55	0.54	0.55	2.81	ppb
Thallium	205-1	0.52	0.52	0.52	0.52	0.36	ppb
Thorium	232-1	0.23	0.23	0.25	0.24	5.47	ppb
Tin	118-1	0.63	0.73	0.67	0.68	7.00	ppb
Titanium	47-1	1.41	1.42	1.46	1.43	2.15	ppb
Uranium	238-1	0.19	0.20	0.20	0.20	2.99	ppb
Vanadium	51-2	0.38	0.41	0.38	0.39	4.34	ppb
Yttrium	89-1				94		%
Yttrium	89-2				99		%

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 18:35:26	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	26.32	26.06	26.06	26.15	0.58	ppb
Zirconium	90-1	0.33	0.29	0.33	0.32	6.25	ppb
Zirconium	91-1	0.29	0.29	0.33	0.30	8.27	ppb

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 19:03:37 DataFile Name : 011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	503.22	504.23	485.85	497.77	2.08	ppb
Antimony	121-1	188.32	192.21	188.01	189.51	1.23	ppb
Arsenic	75-2	202.31	199.76	199.36	200.48	0.80	ppb
Barium	135-1	97.81	98.58	97.09	97.83	0.76	ppb
Barium	137-1	98.00	97.15	97.54	97.56	0.44	ppb
Beryllium	9-1	94.52	93.65	94.74	94.30	0.62	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	10-1	484.04	490.62	497.77	490.81	1.40	ppb
Boron	11-1	473.12	484.91	495.19	484.41	2.28	ppb
Cadmium	111-1	99.31	102.34	102.39	101.35	1.74	ppb
Cadmium	106-1	184.08	188.57	191.54	188.06	2.00	ppb
Cadmium	108-1	163.90	169.06	161.04	164.67	2.47	ppb
Calcium	43-1	2184.86	2196.36	2255.69	2212.30	1.72	ppb
Calcium	44-1	2061.72	2066.31	2120.46	2082.83	1.57	ppb
Chromium	52-2	94.27	95.82	93.97	94.69	1.05	ppb
Cobalt	59-2	98.44	99.77	96.91	98.37	1.46	ppb
Copper	63-2	96.91	99.70	93.62	96.74	3.14	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				106		%
Indium	115-1				102		%
Indium	115-2				106		%
Iron	56-2	1098.07	1104.73	1079.38	1094.06	1.20	ppb
Iron	57-2	1105.89	1112.21	1089.71	1102.60	1.05	ppb
Krypton	83-1						cps
Lead	206-1	199.01	197.62	197.62	198.08	0.41	ppb
Lead	207-1	195.23	196.22	196.76	196.07	0.40	ppb
Lead	208-1	196.69	196.26	196.71	196.56	0.13	ppb
Lithium	6-1				100		%
Magnesium	24-2	1249.36	1284.43	1240.33	1258.04	1.85	ppb

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 19:03:37	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	94.68	94.78	92.92	94.13	1.11	ppb
Molybdenum	94-1	2538.56	2522.07	2511.91	2524.18	0.53	ppb
Molybdenum	95-1	2595.11	2568.61	2559.59	2574.44	0.72	ppb
Molybdenum	96-1	2579.04	2598.40	2557.93	2578.46	0.79	ppb
Molybdenum	97-1	2552.37	2561.04	2571.48	2561.63	0.37	ppb
Molybdenum	98-1	2570.93	2577.57	2598.23	2582.24	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	99.53	102.40	98.72	100.22	1.93	ppb
Phosphorus	31-2	-25.18	-29.60	-27.06	-27.28		ppb
Potassium	39-2	1969.70	1988.06	1943.51	1967.09	1.14	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				104		%
Scandium	45-2				107		%
Selenium	77-2	206.22	190.99	197.45	198.22	3.86	ppb
Selenium	78-2	196.23	195.13	199.43	196.93	1.14	ppb
Selenium	82-1	197.03	196.07	192.39	195.16	1.26	ppb
Silicon	28-1	488.17	494.36	503.25	495.26	1.53	ppb
Silver	109-1	95.79	96.87	94.72	95.80	1.13	ppb
Silver	107-1	96.05	98.66	97.01	97.24	1.36	ppb
Sodium	23-2	2034.03	2103.24	2002.38	2046.55	2.52	ppb
Strontium	86-1	483.79	491.67	491.31	488.92	0.91	ppb
Strontium	88-1	491.61	498.90	494.20	494.90	0.75	ppb
Sulfur	34-1	-423.85	-404.60	-357.77	-395.41		ppb
Terbium	159-1				103		%
Terbium	159-2				107		%
Thallium	203-1	196.98	197.31	198.85	197.71	0.51	ppb
Thallium	205-1	198.84	197.03	199.21	198.36	0.59	ppb
Thorium	232-1	0.23	0.24	0.25	0.24	4.09	ppb
Tin	118-1	502.66	501.59	494.10	499.45	0.93	ppb
Titanium	47-1	2438.56	2454.94	2466.64	2453.38	0.57	ppb
Uranium	238-1	521.91	518.17	513.96	518.01	0.77	ppb
Vanadium	51-2	106.23	108.41	105.78	106.81	1.32	ppb
Yttrium	89-1				103		%
Yttrium	89-2				107		%

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 19:03:37	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	195.34	199.74	190.77	195.28	2.30	ppb
Zirconium	90-1	493.65	490.18	494.12	492.65	0.44	ppb
Zirconium	91-1	485.86	485.35	486.30	485.84	0.10	ppb

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 19:12:16 DataFile Name : 012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.05	-0.05	0.21	0.07	183.62	ppb
Antimony	121-1	0.09	0.10	0.11	0.10	11.68	ppb
Arsenic	75-2	-0.01	-0.04	-0.03	-0.03		ppb
Barium	135-1	-0.02	-0.02	-0.04	-0.03		ppb
Barium	137-1	-0.03	-0.02	-0.02	-0.02		ppb
Beryllium	9-1	0.00	0.00	0.01	0.00	188.73	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	5.10	4.44	4.70	4.75	6.99	ppb
Boron	11-1	4.34	4.43	4.41	4.39	1.08	ppb
Cadmium	111-1	-0.05	-0.05	-0.08	-0.06		ppb
Cadmium	106-1	-0.54	-0.55	-0.99	-0.69		ppb
Cadmium	108-1	0.02	0.02	-0.01	0.01	209.68	ppb
Calcium	43-1	-0.71	-1.53	-4.25	-2.16		ppb
Calcium	44-1	-4.22	-3.49	-2.36	-3.36		ppb
Chromium	52-2	-0.04	0.03	-0.01	0.00		ppb
Cobalt	59-2	-0.03	-0.02	-0.03	-0.03		ppb
Copper	63-2	-0.09	-0.11	-0.12	-0.10		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				105		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	56-2	-0.46	-0.36	-0.35	-0.39		ppb
Iron	57-2	-1.32	-0.21	-0.78	-0.77		ppb
Krypton	83-1						cps
Lead	206-1	-0.01	-0.01	0.00	-0.01		ppb
Lead	207-1	-0.02	-0.02	-0.02	-0.02		ppb
Lead	208-1	-0.01	-0.01	-0.01	-0.01		ppb
Lithium	6-1				102		%
Magnesium	24-2	0.50	0.22	0.63	0.45	46.77	ppb

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 19:12:16 DataFile Name : 012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.13	-0.15	-0.16	-0.14		ppb
Molybdenum	94-1	0.11	0.11	0.18	0.13	30.87	ppb
Molybdenum	95-1	0.16	0.13	0.13	0.14	10.66	ppb
Molybdenum	96-1	0.12	0.11	0.14	0.12	11.84	ppb
Molybdenum	97-1	0.15	0.10	0.13	0.13	21.73	ppb
Molybdenum	98-1	0.13	0.13	0.13	0.13	2.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.24	-0.21	-0.24	-0.23		ppb
Phosphorus	31-2	-15.66	-27.11	-22.34	-21.70		ppb
Potassium	39-2	2.20	2.84	6.57	3.87	60.92	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	77-2	-0.15	-0.15	-0.15	-0.15		ppb
Selenium	78-2	0.55	0.78	0.54	0.62	22.23	ppb
Selenium	82-1	0.18	0.32	-0.33	0.06	601.93	ppb
Silicon	28-1	-1.41	-1.15	-1.43	-1.33		ppb
Silver	109-1	0.00	0.00	0.00	0.00	357.79	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	2.22	3.55	2.16	2.64	29.78	ppb
Strontium	86-1	-0.06	-0.02	-0.03	-0.04		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	15.14	ppb
Sulfur	34-1	-316.01	-280.54	-305.80	-300.79		ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	0.00	0.00	0.00	0.00	47.30	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	18.79	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	207.45	ppb
Tin	118-1	0.10	0.08	0.10	0.09	9.41	ppb
Titanium	47-1	0.12	0.13	0.08	0.11	21.03	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	244.41	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				104		%
Yttrium	89-2				106		%

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 19:12:16	DataFile Name :	012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.28	-0.21	-0.27	-0.25		ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	15.37	ppb
Zirconium	91-1	0.02	0.02	0.02	0.02	9.27	ppb

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 19:15:56	DataFile Name :	013ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90054.66	90319.37	89677.52	90017.19	0.36	ppb
Antimony	121-1	1.11	1.23	1.17	1.17	5.06	ppb
Arsenic	75-2	0.30	0.26	0.34	0.30	13.84	ppb
Barium	135-1	1.60	1.52	1.51	1.54	3.31	ppb
Barium	137-1	1.59	1.59	1.57	1.58	0.88	ppb
Beryllium	9-1	0.31	0.31	0.27	0.30	7.37	ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Boron	10-1	4.11	4.24	3.96	4.10	3.47	ppb
Boron	11-1	3.84	3.40	3.83	3.69	6.72	ppb
Cadmium	111-1	0.50	0.45	0.45	0.47	6.49	ppb
Cadmium	106-1	-0.35	-1.67	-0.68	-0.90		ppb
Cadmium	108-1	15.09	14.95	15.26	15.10	1.05	ppb
Calcium	43-1	97175.41	96865.63	98748.74	97596.59	1.03	ppb
Calcium	44-1	96818.77	96918.64	97146.98	96961.46	0.17	ppb
Chromium	52-2	19.36	19.25	19.49	19.37	0.61	ppb
Cobalt	59-2	1.24	1.29	1.31	1.28	2.67	ppb
Copper	63-2	7.64	7.63	7.74	7.67	0.83	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				105		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	99871.21	100455.61	98504.71	99610.51	1.01	ppb
Iron	57-2	99797.92	98724.86	99327.47	99283.42	0.54	ppb
Krypton	83-1						cps
Lead	206-1	4.64	4.55	4.73	4.64	1.94	ppb
Lead	207-1	4.30	4.15	4.30	4.25	2.00	ppb
Lead	208-1	4.46	4.31	4.43	4.40	1.79	ppb
Lithium	6-1				93		%
Magnesium	24-2	100056.34	101692.33	101113.06	100953.91	0.82	ppb

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 19:15:56	DataFile Name :	013ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.72	7.62	7.84	7.73	1.40	ppb
Molybdenum	94-1	1316.56	1310.33	1322.55	1316.48	0.46	ppb
Molybdenum	95-1	1904.20	1922.57	1927.75	1918.17	0.65	ppb
Molybdenum	96-1	1851.45	1842.14	1858.93	1850.84	0.45	ppb
Molybdenum	97-1	1913.57	1914.75	1916.36	1914.89	0.07	ppb
Molybdenum	98-1	1925.75	1936.33	1940.86	1934.31	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.96	5.00	5.07	5.01	1.14	ppb
Phosphorus	31-2	94800.38	96531.76	95897.56	95743.23	0.91	ppb
Potassium	39-2	98685.61	99331.10	98510.26	98842.32	0.44	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	77-2	-0.15	-0.15	-0.15	-0.15		ppb
Selenium	78-2	0.10	0.53	-0.17	0.16	228.27	ppb
Selenium	82-1	0.36	0.11	0.17	0.22	61.30	ppb
Silicon	28-1	21.76	21.49	21.69	21.65	0.64	ppb
Silver	109-1	0.05	0.05	0.05	0.05	10.15	ppb
Silver	107-1	0.05	0.05	0.05	0.05	2.64	ppb
Sodium	23-2	100320.58	101990.19	100943.35	101084.71	0.83	ppb
Strontium	86-1	33.20	33.31	33.59	33.37	0.60	ppb
Strontium	88-1	33.77	33.59	33.98	33.78	0.57	ppb
Sulfur	34-1	79255.10	77811.15	79599.17	78888.47	1.20	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	0.14	0.15	0.20	0.16	21.72	ppb
Thallium	205-1	0.14	0.16	0.21	0.17	21.48	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	9.03	ppb
Tin	118-1	0.18	0.19	0.20	0.19	5.11	ppb
Titanium	47-1	1965.15	1962.78	1974.78	1967.57	0.32	ppb
Uranium	238-1	0.01	0.01	0.02	0.01	34.51	ppb
Vanadium	51-2	0.25	0.27	0.25	0.25	4.35	ppb
Yttrium	89-1				101		%
Yttrium	89-2				103		%

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 19:15:56	DataFile Name :	013ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	10.85	10.36	10.80	10.67	2.53	ppb
Zirconium	90-1	0.06	0.06	0.11	0.07	38.91	ppb
Zirconium	91-1	0.04	0.06	0.10	0.06	47.09	ppb

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 19:19:37	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	86310.37	91672.88	89231.86	89071.70	3.01	ppb
Antimony	121-1	20.58	20.40	20.64	20.54	0.62	ppb
Arsenic	75-2	19.76	19.75	19.74	19.75	0.03	ppb
Barium	135-1	22.06	21.81	21.82	21.90	0.64	ppb
Barium	137-1	21.84	21.43	21.50	21.59	1.01	ppb
Beryllium	9-1	20.09	19.86	19.71	19.89	0.96	ppb
Bismuth	209-1				95		%
Bismuth	209-2				95		%
Boron	10-1	55.16	50.80	53.01	52.99	4.12	ppb
Boron	11-1	52.64	54.20	53.37	53.41	1.46	ppb
Cadmium	111-1	18.92	19.13	19.03	19.03	0.56	ppb
Cadmium	106-1	23.47	24.45	22.83	23.58	3.46	ppb
Cadmium	108-1	36.67	38.06	34.92	36.55	4.30	ppb
Calcium	43-1	96589.24	96559.14	96478.26	96542.21	0.06	ppb
Calcium	44-1	95418.31	96508.52	96669.62	96198.81	0.71	ppb
Chromium	52-2	36.97	39.26	38.47	38.24	3.04	ppb
Cobalt	59-2	20.21	21.30	21.03	20.84	2.72	ppb
Copper	63-2	25.82	27.56	26.86	26.75	3.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	56-2	96386.93	99642.28	99074.64	98367.95	1.77	ppb
Iron	57-2	95223.04	99196.64	97926.07	97448.58	2.08	ppb
Krypton	83-1						cps
Lead	206-1	25.24	24.84	24.93	25.00	0.85	ppb
Lead	207-1	23.87	23.42	23.49	23.59	1.02	ppb
Lead	208-1	24.27	23.88	23.88	24.01	0.95	ppb
Lithium	6-1				92		%
Magnesium	24-2	96789.50	102541.62	99901.20	99744.11	2.89	ppb

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 19:19:37	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26.17	27.42	26.55	26.71	2.39	ppb
Molybdenum	94-1	1428.62	1438.26	1427.85	1431.58	0.41	ppb
Molybdenum	95-1	1950.40	1971.99	1958.31	1960.23	0.56	ppb
Molybdenum	96-1	1887.71	1902.69	1891.35	1893.92	0.41	ppb
Molybdenum	97-1	1955.36	1967.45	1958.82	1960.54	0.32	ppb
Molybdenum	98-1	1975.38	1970.72	1970.95	1972.35	0.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.46	24.91	24.85	24.41	3.36	ppb
Phosphorus	31-2	92215.78	98451.20	96075.17	95580.72	3.29	ppb
Potassium	39-2	93965.94	100105.46	98069.26	97380.22	3.21	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	77-2	16.70	15.56	19.85	17.37	12.80	ppb
Selenium	78-2	18.28	15.61	20.25	18.05	12.89	ppb
Selenium	82-1	20.16	19.23	19.56	19.65	2.41	ppb
Silicon	28-1	69.70	70.67	70.13	70.17	0.69	ppb
Silver	109-1	18.36	18.34	18.18	18.30	0.54	ppb
Silver	107-1	18.33	18.61	17.96	18.30	1.79	ppb
Sodium	23-2	96304.30	102517.29	98675.08	99165.56	3.16	ppb
Strontium	86-1	83.88	85.48	83.43	84.27	1.28	ppb
Strontium	88-1	85.06	85.51	84.85	85.14	0.40	ppb
Sulfur	34-1	76572.97	77645.16	75969.15	76729.09	1.11	ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	20.61	20.11	20.38	20.37	1.22	ppb
Thallium	205-1	20.75	20.42	20.21	20.46	1.32	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	31.06	ppb
Tin	118-1	51.68	51.87	50.97	51.51	0.92	ppb
Titanium	47-1	2013.08	2005.26	2010.57	2009.64	0.20	ppb
Uranium	238-1	53.43	52.45	52.14	52.68	1.28	ppb
Vanadium	51-2	18.86	20.31	19.34	19.50	3.80	ppb
Yttrium	89-1				102		%
Yttrium	89-2				104		%

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 19:19:37	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	26.93	28.37	29.40	28.23	4.39	ppb
Zirconium	90-1	51.09	51.44	51.14	51.22	0.37	ppb
Zirconium	91-1	52.51	50.80	51.80	51.71	1.67	ppb

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 19:36:26	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50198.57	49820.43	48202.38	49407.13	2.15	ppb
Antimony	121-1	473.48	473.10	474.16	473.58	0.11	ppb
Arsenic	75-2	468.15	464.14	460.52	464.27	0.82	ppb
Barium	135-1	2453.64	2448.23	2441.02	2447.63	0.26	ppb
Barium	137-1	2466.00	2445.78	2467.75	2459.84	0.50	ppb
Beryllium	9-1	480.27	474.36	483.22	479.28	0.94	ppb
Bismuth	209-1				92		%
Bismuth	209-2				93		%
Boron	10-1	470.09	478.27	488.88	479.08	1.97	ppb
Boron	11-1	465.86	479.16	484.81	476.61	2.04	ppb
Cadmium	111-1	498.54	490.37	487.43	492.11	1.17	ppb
Cadmium	106-1	492.17	485.03	481.98	486.39	1.08	ppb
Cadmium	108-1	493.23	490.28	484.75	489.42	0.88	ppb
Calcium	43-1	230536.20	231815.46	235490.46	232614.04	1.11	ppb
Calcium	44-1	234612.98	230267.51	233815.07	232898.52	0.99	ppb
Chromium	52-2	489.68	496.85	479.04	488.52	1.83	ppb
Cobalt	59-2	474.73	476.71	461.59	471.01	1.74	ppb
Copper	63-2	1003.40	1011.11	974.22	996.24	1.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				105		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	56-2	118390.39	117465.29	114186.28	116680.65	1.89	ppb
Iron	57-2	119057.22	117720.70	114805.96	117194.62	1.85	ppb
Krypton	83-1						cps
Lead	206-1	486.88	494.02	500.51	493.80	1.38	ppb
Lead	207-1	484.45	486.85	499.76	490.36	1.68	ppb
Lead	208-1	490.31	491.19	501.76	494.42	1.29	ppb
Lithium	6-1				94		%
Magnesium	24-2	245557.08	242712.04	236902.15	241723.76	1.82	ppb

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 19:36:26	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	961.46	955.53	937.25	951.41	1.33	ppb
Molybdenum	94-1	2423.26	2432.24	2427.28	2427.59	0.19	ppb
Molybdenum	95-1	2420.30	2442.68	2398.25	2420.41	0.92	ppb
Molybdenum	96-1	2465.42	2449.36	2410.10	2441.63	1.17	ppb
Molybdenum	97-1	2432.95	2399.42	2415.99	2416.12	0.69	ppb
Molybdenum	98-1	2471.87	2391.33	2423.95	2429.05	1.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	474.32	475.29	460.91	470.17	1.71	ppb
Phosphorus	31-2	9862.13	9527.25	9378.14	9589.18	2.58	ppb
Potassium	39-2	124669.05	122648.77	120656.08	122657.97	1.64	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				103		%
Scandium	45-2				106		%
Selenium	77-2	477.48	462.57	476.70	472.25	1.78	ppb
Selenium	78-2	485.32	470.79	471.70	475.93	1.71	ppb
Selenium	82-1	473.05	470.88	474.63	472.85	0.40	ppb
Silicon	28-1	549.59	552.70	562.36	554.88	1.20	ppb
Silver	109-1	479.58	471.75	467.71	473.01	1.28	ppb
Silver	107-1	485.49	486.76	469.21	480.49	2.04	ppb
Sodium	23-2	241766.59	237458.44	233042.47	237422.50	1.84	ppb
Strontium	86-1	476.87	478.33	480.76	478.65	0.41	ppb
Strontium	88-1	482.38	484.46	482.64	483.16	0.23	ppb
Sulfur	34-1	9507.83	9288.28	9502.01	9432.71	1.33	ppb
Terbium	159-1				102		%
Terbium	159-2				105		%
Thallium	203-1	485.74	493.10	490.02	489.62	0.76	ppb
Thallium	205-1	491.53	493.41	502.86	495.94	1.22	ppb
Thorium	232-1	506.57	507.58	505.81	506.65	0.17	ppb
Tin	118-1	488.41	485.17	482.72	485.43	0.59	ppb
Titanium	47-1	2391.62	2368.56	2434.49	2398.22	1.40	ppb
Uranium	238-1	505.12	504.99	505.98	505.36	0.11	ppb
Vanadium	51-2	483.89	489.35	475.87	483.04	1.40	ppb
Yttrium	89-1				102		%
Yttrium	89-2				105		%

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 19:36:26	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	944.76	959.70	933.10	945.85	1.41	ppb
Zirconium	90-1	485.52	483.05	486.57	485.05	0.37	ppb
Zirconium	91-1	482.90	481.14	479.06	481.04	0.40	ppb

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 19:50:54	DataFile Name :	019LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.78	21.02	21.46	21.75	4.22	ppb
Antimony	121-1	2.26	2.31	2.15	2.24	3.68	ppb
Arsenic	75-2	0.98	1.10	1.14	1.07	7.93	ppb
Barium	135-1	10.44	10.25	10.03	10.24	2.01	ppb
Barium	137-1	10.59	10.51	10.23	10.44	1.82	ppb
Beryllium	9-1	1.06	1.03	1.07	1.05	2.20	ppb
Bismuth	209-1				101		%
Bismuth	209-2				104		%
Boron	10-1	28.24	27.06	27.54	27.62	2.16	ppb
Boron	11-1	28.41	28.21	28.68	28.43	0.84	ppb
Cadmium	111-1	0.94	0.81	0.92	0.89	7.90	ppb
Cadmium	106-1	0.24	-0.47	-0.57	-0.27		ppb
Cadmium	108-1	0.93	1.08	0.92	0.98	9.23	ppb
Calcium	43-1	525.56	489.54	522.53	512.54	3.90	ppb
Calcium	44-1	521.96	502.02	495.67	506.55	2.71	ppb
Chromium	52-2	2.11	2.12	2.01	2.08	2.93	ppb
Cobalt	59-2	1.04	1.04	1.04	1.04	0.30	ppb
Copper	63-2	1.99	2.00	2.02	2.00	0.82	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				108		%
Indium	115-1				104		%
Indium	115-2				109		%
Iron	56-2	56.42	57.27	55.57	56.42	1.51	ppb
Iron	57-2	56.97	57.99	59.35	58.10	2.06	ppb
Krypton	83-1						cps
Lead	206-1	0.95	0.95	0.95	0.95	0.36	ppb
Lead	207-1	0.91	0.87	0.96	0.91	4.95	ppb
Lead	208-1	0.94	0.96	0.94	0.95	1.00	ppb
Lithium	6-1				102		%
Magnesium	24-2	562.67	573.35	564.96	566.99	0.99	ppb

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 19:50:54	DataFile Name :	019LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.11	1.00	1.06	1.06	5.21	ppb
Molybdenum	94-1	5.17	5.27	5.17	5.20	1.08	ppb
Molybdenum	95-1	5.51	5.32	5.15	5.33	3.34	ppb
Molybdenum	96-1	5.67	5.24	5.15	5.35	5.14	ppb
Molybdenum	97-1	5.60	5.37	5.25	5.41	3.26	ppb
Molybdenum	98-1	5.40	5.24	5.13	5.26	2.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.87	0.93	0.98	0.93	6.14	ppb
Phosphorus	31-2	8.79	50.72	30.74	30.08	69.73	ppb
Potassium	39-2	539.08	545.35	555.44	546.62	1.51	ppb
Rhodium	103-1				104		%
Rhodium	103-2				108		%
Scandium	45-1				107		%
Scandium	45-2				113		%
Selenium	77-2	5.42	5.76	6.15	5.78	6.36	ppb
Selenium	78-2	6.51	4.96	6.44	5.97	14.69	ppb
Selenium	82-1	4.75	5.70	5.01	5.15	9.57	ppb
Silicon	28-1	9.42	8.08	7.83	8.44	10.12	ppb
Silver	109-1	1.16	1.13	1.13	1.14	1.55	ppb
Silver	107-1	1.15	1.14	1.11	1.13	1.84	ppb
Sodium	23-2	551.94	549.80	546.87	549.54	0.46	ppb
Strontium	86-1	1.05	0.97	0.95	0.99	5.34	ppb
Strontium	88-1	1.04	1.02	0.99	1.02	2.85	ppb
Sulfur	34-1	71.03	-174.94	-289.83	-131.24		ppb
Terbium	159-1				103		%
Terbium	159-2				109		%
Thallium	203-1	0.96	0.95	0.98	0.96	1.59	ppb
Thallium	205-1	0.98	0.94	0.98	0.97	2.39	ppb
Thorium	232-1	0.92	0.88	0.90	0.90	2.21	ppb
Tin	118-1	5.50	5.59	5.33	5.47	2.43	ppb
Titanium	47-1	5.41	5.54	5.26	5.40	2.55	ppb
Uranium	238-1	0.95	0.90	0.92	0.92	2.57	ppb
Vanadium	51-2	5.36	5.49	5.40	5.42	1.23	ppb
Yttrium	89-1				104		%
Yttrium	89-2				110		%

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 19:50:54	DataFile Name :	019LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.20	2.31	2.24	2.25	2.39	ppb
Zirconium	90-1	0.96	0.99	0.96	0.97	1.68	ppb
Zirconium	91-1	1.06	0.96	0.98	1.00	4.92	ppb

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : CCB08 Instrumnet Name : P7
 Client Sample ID : CCB08 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 19:54:33 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.08	-0.32	-0.48	-0.29		ppb
Antimony	121-1	0.05	0.05	0.05	0.05	1.93	ppb
Arsenic	75-2	-0.04	0.01	-0.02	-0.02		ppb
Barium	135-1	-0.01	-0.01	-0.01	-0.01		ppb
Barium	137-1	-0.01	0.00	-0.01	-0.01		ppb
Beryllium	9-1	0.03	-0.01	0.00	0.00	450.39	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	10-1	4.19	3.74	3.67	3.87	7.35	ppb
Boron	11-1	4.02	3.87	3.61	3.83	5.41	ppb
Cadmium	111-1	-0.07	-0.02	-0.05	-0.05		ppb
Cadmium	106-1	-1.01	-0.23	-0.56	-0.60		ppb
Cadmium	108-1	0.04	0.02	0.02	0.03	40.78	ppb
Calcium	43-1	-3.36	-1.63	-3.24	-2.74		ppb
Calcium	44-1	-2.73	-2.59	-3.31	-2.88		ppb
Chromium	52-2	0.01	-0.03	-0.03	-0.01		ppb
Cobalt	59-2	-0.01	-0.02	-0.02	-0.01		ppb
Copper	63-2	-0.17	-0.15	-0.12	-0.15		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				110		%
Iron	56-2	0.06	0.06	-0.03	0.03	189.95	ppb
Iron	57-2	-0.09	-0.30	-0.20	-0.20		ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.00	-0.01	0.00		ppb
Lead	207-1	0.01	0.01	0.00	0.01	119.70	ppb
Lead	208-1	0.00	0.00	-0.01	0.00		ppb
Lithium	6-1				104		%
Magnesium	24-2	-0.28	-0.01	-0.71	-0.33		ppb

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P7
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 19:54:33	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.09	-0.10	-0.08	-0.09		ppb
Molybdenum	94-1	0.01	0.01	0.05	0.02	109.59	ppb
Molybdenum	95-1	0.01	0.02	0.00	0.01	85.42	ppb
Molybdenum	96-1	0.01	0.00	0.00	0.00	142.53	ppb
Molybdenum	97-1	0.04	0.01	0.02	0.02	56.48	ppb
Molybdenum	98-1	0.02	0.01	0.02	0.01	46.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.17	-0.18	-0.23	-0.19		ppb
Phosphorus	31-2	-34.66	-17.13	-33.30	-28.36		ppb
Potassium	39-2	7.68	9.73	13.70	10.37	29.52	ppb
Rhodium	103-1				106		%
Rhodium	103-2				109		%
Scandium	45-1				109		%
Scandium	45-2				114		%
Selenium	77-2	-0.15	-0.15	-0.15	-0.15		ppb
Selenium	78-2	0.18	0.00	0.36	0.18	102.38	ppb
Selenium	82-1	-0.03	-0.28	0.69	0.13	393.10	ppb
Silicon	28-1	-1.38	-1.65	-1.55	-1.53		ppb
Silver	109-1	0.00	0.00	0.00	0.00	635.17	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	3.41	7.85	3.66	4.97	50.12	ppb
Strontium	86-1	0.01	-0.07	-0.02	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-171.00	-307.30	-358.10	-278.80		ppb
Terbium	159-1				104		%
Terbium	159-2				109		%
Thallium	203-1	0.00	0.01	0.00	0.00	171.27	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	16.69	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	27.22	ppb
Tin	118-1	0.05	0.06	0.05	0.05	3.57	ppb
Titanium	47-1	-0.01	-0.01	-0.02	-0.01		ppb
Uranium	238-1	0.00	-0.01	0.00	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	287.17	ppb
Yttrium	89-1				107		%
Yttrium	89-2				111		%

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P7
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 19:54:33	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.29	-0.25	-0.30	-0.28		ppb
Zirconium	90-1	0.02	0.01	0.01	0.02	15.77	ppb
Zirconium	91-1	0.01	0.03	0.01	0.02	68.75	ppb

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 19:58:13	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.89	20.50	21.63	21.67	5.52	ppb
Antimony	121-1	1.92	2.03	2.06	2.00	3.64	ppb
Arsenic	75-2	1.09	1.00	0.77	0.95	17.51	ppb
Barium	135-1	10.47	10.53	10.22	10.41	1.59	ppb
Barium	137-1	10.30	10.57	10.38	10.42	1.32	ppb
Beryllium	9-1	1.08	1.00	1.03	1.04	4.24	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Boron	10-1	26.52	28.31	26.96	27.27	3.41	ppb
Boron	11-1	26.75	28.35	27.23	27.44	2.98	ppb
Cadmium	111-1	0.94	0.92	0.95	0.94	1.58	ppb
Cadmium	106-1	0.23	0.26	0.62	0.37	59.54	ppb
Cadmium	108-1	1.05	1.17	0.93	1.05	11.42	ppb
Calcium	43-1	519.30	500.69	490.60	503.53	2.89	ppb
Calcium	44-1	493.33	498.85	490.32	494.16	0.88	ppb
Chromium	52-2	2.08	2.01	1.98	2.02	2.53	ppb
Cobalt	59-2	1.04	0.98	0.99	1.00	3.02	ppb
Copper	63-2	1.93	1.95	1.90	1.93	1.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				109		%
Indium	115-1				107		%
Indium	115-2				111		%
Iron	56-2	54.69	53.36	54.25	54.10	1.26	ppb
Iron	57-2	59.59	58.29	55.88	57.92	3.25	ppb
Krypton	83-1						cps
Lead	206-1	0.91	0.92	0.89	0.91	1.83	ppb
Lead	207-1	0.97	0.91	0.89	0.92	4.37	ppb
Lead	208-1	0.90	0.92	0.90	0.91	1.13	ppb
Lithium	6-1				105		%
Magnesium	24-2	551.60	548.49	555.04	551.71	0.59	ppb

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 19:58:13	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.94	0.89	0.96	0.93	3.86	ppb
Molybdenum	94-1	4.91	4.84	4.98	4.91	1.44	ppb
Molybdenum	95-1	5.11	5.29	5.17	5.19	1.83	ppb
Molybdenum	96-1	5.07	5.07	5.26	5.13	2.16	ppb
Molybdenum	97-1	5.04	5.03	4.95	5.01	1.03	ppb
Molybdenum	98-1	5.14	5.10	5.01	5.08	1.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.83	0.94	0.85	0.87	6.97	ppb
Phosphorus	31-2	45.84	48.08	51.69	48.54	6.08	ppb
Potassium	39-2	523.90	530.08	535.65	529.88	1.11	ppb
Rhodium	103-1				107		%
Rhodium	103-2				110		%
Scandium	45-1				110		%
Scandium	45-2				115		%
Selenium	77-2	7.76	4.90	5.64	6.10	24.32	ppb
Selenium	78-2	6.73	6.26	5.33	6.10	11.68	ppb
Selenium	82-1	5.03	5.38	5.28	5.23	3.40	ppb
Silicon	28-1	7.86	8.44	8.39	8.23	3.87	ppb
Silver	109-1	1.18	1.19	1.24	1.20	2.42	ppb
Silver	107-1	1.17	1.18	1.19	1.18	0.85	ppb
Sodium	23-2	539.24	530.60	529.53	533.12	1.00	ppb
Strontium	86-1	0.90	0.87	0.89	0.89	1.82	ppb
Strontium	88-1	0.99	0.97	0.99	0.98	0.73	ppb
Sulfur	34-1	-194.53	-32.64	-204.41	-143.86		ppb
Terbium	159-1				105		%
Terbium	159-2				109		%
Thallium	203-1	0.95	0.92	0.91	0.93	2.48	ppb
Thallium	205-1	0.95	0.92	0.95	0.94	1.95	ppb
Thorium	232-1	0.85	0.82	0.85	0.84	2.32	ppb
Tin	118-1	5.08	5.24	5.44	5.25	3.46	ppb
Titanium	47-1	4.79	5.08	4.90	4.92	3.04	ppb
Uranium	238-1	0.90	0.87	0.91	0.89	2.51	ppb
Vanadium	51-2	5.21	5.25	5.40	5.29	1.83	ppb
Yttrium	89-1				109		%
Yttrium	89-2				112		%

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 19:58:13	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.01	1.73	2.20	1.98	11.90	ppb
Zirconium	90-1	0.87	0.90	0.90	0.89	1.79	ppb
Zirconium	91-1	0.88	1.01	0.88	0.92	7.97	ppb

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : K5111-07RE Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 20:05:31 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.78	15.81	16.37	15.99	2.08	ppb
Antimony	121-1	0.82	0.77	0.79	0.79	3.16	ppb
Arsenic	75-2	0.89	0.90	0.78	0.86	8.05	ppb
Barium	135-1	3.74	4.14	4.15	4.01	5.86	ppb
Barium	137-1	4.01	3.95	4.13	4.03	2.35	ppb
Beryllium	9-1	0.78	0.85	0.82	0.82	4.19	ppb
Bismuth	209-1				104		%
Bismuth	209-2				107		%
Boron	10-1	2.93	3.29	2.83	3.02	7.96	ppb
Boron	11-1	3.20	3.31	3.10	3.20	3.14	ppb
Cadmium	111-1	0.71	0.72	0.63	0.69	6.80	ppb
Cadmium	106-1	-0.21	0.13	-1.28	-0.45		ppb
Cadmium	108-1	0.94	0.93	0.75	0.88	12.01	ppb
Calcium	43-1	61.59	91.51	89.15	80.75	20.60	ppb
Calcium	44-1	76.15	76.07	76.49	76.24	0.29	ppb
Chromium	52-2	0.77	0.83	0.80	0.80	3.76	ppb
Cobalt	59-2	0.83	0.77	0.83	0.81	4.28	ppb
Copper	63-2	1.34	1.39	1.37	1.37	1.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				111		%
Indium	115-1				109		%
Indium	115-2				113		%
Iron	56-2	39.97	40.06	39.98	40.00	0.13	ppb
Iron	57-2	37.46	40.57	42.07	40.03	5.87	ppb
Krypton	83-1						cps
Lead	206-1	0.71	0.74	0.68	0.71	4.28	ppb
Lead	207-1	0.73	0.75	0.73	0.74	1.59	ppb
Lead	208-1	0.73	0.74	0.72	0.73	1.26	ppb
Lithium	6-1				106		%
Magnesium	24-2	83.17	83.38	80.89	82.48	1.67	ppb

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : K5111-07RE Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 20:05:31 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.53	1.47	1.49	1.50	1.88	ppb
Molybdenum	94-1	3.81	3.78	3.65	3.74	2.30	ppb
Molybdenum	95-1	3.74	3.87	3.76	3.79	1.82	ppb
Molybdenum	96-1	3.84	3.74	3.92	3.83	2.31	ppb
Molybdenum	97-1	3.77	3.84	4.17	3.93	5.48	ppb
Molybdenum	98-1	3.78	3.86	3.72	3.79	1.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.66	0.68	0.59	0.64	7.11	ppb
Phosphorus	31-2	-6.94	-24.37	-25.91	-19.07		ppb
Potassium	39-2	50.08	46.06	47.16	47.77	4.35	ppb
Rhodium	103-1				109		%
Rhodium	103-2				112		%
Scandium	45-1				113		%
Scandium	45-2				118		%
Selenium	77-2	2.15	0.23	-0.15	0.74	165.26	ppb
Selenium	78-2	1.20	1.06	0.90	1.05	14.34	ppb
Selenium	82-1	0.93	1.30	0.74	0.99	28.86	ppb
Silicon	28-1	0.02	-0.38	-0.23	-0.20		ppb
Silver	109-1	0.83	0.87	0.86	0.85	2.32	ppb
Silver	107-1	0.85	0.89	0.90	0.88	3.05	ppb
Sodium	23-2	82.47	81.38	81.00	81.62	0.94	ppb
Strontium	86-1	0.76	0.87	0.80	0.81	6.90	ppb
Strontium	88-1	0.76	0.76	0.78	0.76	1.38	ppb
Sulfur	34-1	-287.51	-331.88	-281.69	-300.36		ppb
Terbium	159-1				105		%
Terbium	159-2				111		%
Thallium	203-1	0.77	0.67	0.73	0.72	7.14	ppb
Thallium	205-1	0.75	0.77	0.74	0.76	1.66	ppb
Thorium	232-1	0.67	0.67	0.65	0.67	2.11	ppb
Tin	118-1	0.86	0.82	0.84	0.84	2.66	ppb
Titanium	47-1	3.94	3.63	3.95	3.84	4.74	ppb
Uranium	238-1	0.69	0.70	0.69	0.70	0.83	ppb
Vanadium	51-2	0.75	0.76	0.79	0.77	2.63	ppb
Yttrium	89-1				110		%
Yttrium	89-2				115		%

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	K5111-07RE	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 20:05:31	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.56	1.51	1.76	1.61	8.22	ppb
Zirconium	90-1	0.73	0.68	0.69	0.70	3.76	ppb
Zirconium	91-1	0.73	0.67	0.70	0.70	4.30	ppb

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : K5111-09RE Instrumnet Name : P7
 Client Sample ID : MDL-MDL-WATER-03-Q Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 20:09:46 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.02	3.92	3.09	4.01	24.09	ppb
Antimony	121-1	0.23	0.24	0.26	0.24	7.69	ppb
Arsenic	75-2	0.24	0.17	0.22	0.21	17.19	ppb
Barium	135-1	1.20	1.36	1.34	1.30	6.62	ppb
Barium	137-1	1.20	1.17	1.26	1.21	3.73	ppb
Beryllium	9-1	0.24	0.23	0.25	0.24	5.87	ppb
Bismuth	209-1				104		%
Bismuth	209-2				107		%
Boron	10-1	2.21	2.24	2.12	2.19	2.88	ppb
Boron	11-1	2.21	2.18	1.97	2.12	6.18	ppb
Cadmium	111-1	0.12	0.18	0.19	0.17	23.10	ppb
Cadmium	106-1	-1.09	-0.55	-0.40	-0.68		ppb
Cadmium	108-1	0.24	0.29	0.26	0.26	10.48	ppb
Calcium	43-1	23.24	21.56	24.64	23.14	6.66	ppb
Calcium	44-1	21.26	21.67	23.31	22.08	4.92	ppb
Chromium	52-2	0.29	0.22	0.22	0.24	16.60	ppb
Cobalt	59-2	0.23	0.23	0.19	0.22	9.28	ppb
Copper	63-2	0.33	0.29	0.31	0.31	6.57	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				106		%
Holmium	165-2				111		%
Indium	115-1				109		%
Indium	115-2				114		%
Iron	56-2	12.25	12.04	11.99	12.09	1.16	ppb
Iron	57-2	14.71	11.90	11.69	12.76	13.21	ppb
Krypton	83-1						cps
Lead	206-1	0.18	0.22	0.18	0.19	13.29	ppb
Lead	207-1	0.22	0.21	0.20	0.21	4.09	ppb
Lead	208-1	0.20	0.21	0.20	0.20	2.27	ppb
Lithium	6-1				107		%
Magnesium	24-2	25.06	24.55	25.05	24.89	1.18	ppb

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	K5111-09RE	Instrumnet Name :	P7
Client Sample ID :	MDL-MDL-WATER-03-Q	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 20:09:46	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.38	0.42	0.33	0.38	11.62	ppb
Molybdenum	94-1	1.13	1.15	1.26	1.18	5.77	ppb
Molybdenum	95-1	1.24	1.16	1.15	1.18	4.01	ppb
Molybdenum	96-1	1.16	1.20	1.20	1.18	1.83	ppb
Molybdenum	97-1	1.16	1.15	1.28	1.20	6.18	ppb
Molybdenum	98-1	1.15	1.18	1.20	1.18	2.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.38	0.42	0.42	0.40	5.98	ppb
Phosphorus	31-2	-25.36	-32.06	-23.63	-27.02		ppb
Potassium	39-2	19.77	20.89	15.20	18.62	16.18	ppb
Rhodium	103-1				109		%
Rhodium	103-2				113		%
Scandium	45-1				114		%
Scandium	45-2				119		%
Selenium	77-2	0.98	-0.15	-0.15	0.23	284.36	ppb
Selenium	78-2	0.91	0.79	1.08	0.93	15.58	ppb
Selenium	82-1	0.25	0.40	0.27	0.31	25.80	ppb
Silicon	28-1	-1.01	-0.78	-0.49	-0.76		ppb
Silver	109-1	0.28	0.24	0.24	0.26	9.60	ppb
Silver	107-1	0.25	0.25	0.27	0.25	5.37	ppb
Sodium	23-2	22.11	19.38	21.48	20.99	6.80	ppb
Strontium	86-1	0.29	0.24	0.25	0.26	10.61	ppb
Strontium	88-1	0.25	0.23	0.24	0.24	4.35	ppb
Sulfur	34-1	-392.86	-294.32	-265.14	-317.44		ppb
Terbium	159-1				106		%
Terbium	159-2				113		%
Thallium	203-1	0.22	0.24	0.21	0.22	6.10	ppb
Thallium	205-1	0.21	0.23	0.22	0.22	5.02	ppb
Thorium	232-1	0.20	0.20	0.20	0.20	1.44	ppb
Tin	118-1	0.27	0.25	0.30	0.27	8.53	ppb
Titanium	47-1	1.02	1.24	1.33	1.19	13.12	ppb
Uranium	238-1	0.21	0.23	0.20	0.21	7.22	ppb
Vanadium	51-2	0.25	0.23	0.20	0.23	10.99	ppb
Yttrium	89-1				110		%
Yttrium	89-2				116		%

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	K5111-09RE	Instrumnet Name :	P7
Client Sample ID :	MDL-MDL-WATER-03-Q	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 20:09:46	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.67	0.43	0.57	0.55	21.94	ppb
Zirconium	90-1	0.22	0.23	0.23	0.23	2.99	ppb
Zirconium	91-1	0.20	0.18	0.21	0.20	7.25	ppb

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : K5111-07 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 20:19:59 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.64	17.14	15.49	16.42	5.16	ppb
Antimony	121-1	0.77	0.79	0.79	0.78	1.83	ppb
Arsenic	75-2	0.72	0.92	0.76	0.80	13.62	ppb
Barium	135-1	4.21	4.04	4.16	4.14	2.10	ppb
Barium	137-1	3.95	4.20	4.19	4.12	3.39	ppb
Beryllium	9-1	0.78	0.84	0.82	0.81	3.90	ppb
Bismuth	209-1				106		%
Bismuth	209-2				108		%
Boron	10-1	2.08	2.19	2.12	2.13	2.58	ppb
Boron	11-1	1.90	1.97	2.00	1.96	2.59	ppb
Cadmium	111-1	0.80	0.72	0.76	0.76	5.24	ppb
Cadmium	106-1	0.01	-0.66	0.10	-0.18		ppb
Cadmium	108-1	0.87	0.77	0.65	0.77	14.21	ppb
Calcium	43-1	78.41	82.16	72.99	77.86	5.92	ppb
Calcium	44-1	77.78	77.99	78.34	78.04	0.36	ppb
Chromium	52-2	0.84	0.84	0.80	0.82	3.06	ppb
Cobalt	59-2	0.83	0.82	0.85	0.83	1.46	ppb
Copper	63-2	1.52	1.48	1.48	1.49	1.50	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				109		%
Holmium	165-2				112		%
Indium	115-1				111		%
Indium	115-2				113		%
Iron	56-2	41.39	40.36	40.86	40.87	1.27	ppb
Iron	57-2	42.05	36.97	38.99	39.34	6.50	ppb
Krypton	83-1						cps
Lead	206-1	0.74	0.75	0.65	0.71	7.32	ppb
Lead	207-1	0.69	0.72	0.72	0.71	2.83	ppb
Lead	208-1	0.72	0.75	0.70	0.72	3.52	ppb
Lithium	6-1				109		%
Magnesium	24-2	85.75	85.64	82.35	84.58	2.28	ppb

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	K5111-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 20:19:59	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.46	1.55	1.50	1.50	2.90	ppb
Molybdenum	94-1	3.86	3.88	3.69	3.81	2.83	ppb
Molybdenum	95-1	3.88	3.93	4.05	3.95	2.27	ppb
Molybdenum	96-1	3.83	3.88	4.08	3.93	3.31	ppb
Molybdenum	97-1	4.07	3.93	3.97	3.99	1.78	ppb
Molybdenum	98-1	3.85	3.88	3.92	3.89	0.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.58	0.70	0.70	0.66	10.10	ppb
Phosphorus	31-2	-9.35	-18.86	-7.64	-11.95		ppb
Potassium	39-2	44.27	52.47	44.28	47.01	10.07	ppb
Rhodium	103-1				112		%
Rhodium	103-2				112		%
Scandium	45-1				116		%
Scandium	45-2				118		%
Selenium	77-2	-0.15	1.72	-0.15	0.47	227.00	ppb
Selenium	78-2	1.45	0.52	0.59	0.86	60.71	ppb
Selenium	82-1	1.19	0.74	0.83	0.92	25.90	ppb
Silicon	28-1	-0.82	-0.71	-0.98	-0.84		ppb
Silver	109-1	0.81	0.90	0.84	0.85	5.22	ppb
Silver	107-1	0.84	0.84	0.87	0.85	2.17	ppb
Sodium	23-2	78.64	80.94	77.63	79.07	2.15	ppb
Strontium	86-1	0.65	0.73	0.83	0.74	12.48	ppb
Strontium	88-1	0.77	0.77	0.80	0.78	2.16	ppb
Sulfur	34-1	-415.42	-356.87	-561.84	-444.71		ppb
Terbium	159-1				109		%
Terbium	159-2				112		%
Thallium	203-1	0.81	0.80	0.70	0.77	8.12	ppb
Thallium	205-1	0.75	0.76	0.74	0.75	1.26	ppb
Thorium	232-1	0.64	0.64	0.65	0.64	0.73	ppb
Tin	118-1	0.81	0.84	0.86	0.84	3.02	ppb
Titanium	47-1	4.06	4.04	3.81	3.97	3.43	ppb
Uranium	238-1	0.69	0.70	0.69	0.69	0.80	ppb
Vanadium	51-2	0.84	0.80	0.85	0.83	2.63	ppb
Yttrium	89-1				113		%
Yttrium	89-2				116		%

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	K5111-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 20:19:59	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.29	2.25	2.28	2.28	0.86	ppb
Zirconium	90-1	0.73	0.73	0.69	0.72	3.18	ppb
Zirconium	91-1	0.80	0.71	0.67	0.72	9.30	ppb

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : K5111-09 Instrumnet Name : P7
 Client Sample ID : MDL-MDL-WATER-03-Q Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 20:23:39 DataFile Name : 027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.05	4.70	4.54	4.43	7.71	ppb
Antimony	121-1	0.23	0.26	0.24	0.24	7.46	ppb
Arsenic	75-2	0.24	0.29	0.20	0.25	17.58	ppb
Barium	135-1	1.17	1.21	1.12	1.17	3.48	ppb
Barium	137-1	1.25	1.15	1.23	1.21	4.58	ppb
Beryllium	9-1	0.24	0.24	0.21	0.23	8.96	ppb
Bismuth	209-1				105		%
Bismuth	209-2				108		%
Boron	10-1	1.33	1.19	1.75	1.43	20.44	ppb
Boron	11-1	1.57	1.60	1.52	1.56	2.49	ppb
Cadmium	111-1	0.08	0.21	0.14	0.14	45.25	ppb
Cadmium	106-1	-1.52	-0.20	-1.17	-0.96		ppb
Cadmium	108-1	0.23	0.22	0.39	0.28	34.74	ppb
Calcium	43-1	17.52	21.13	23.91	20.85	15.37	ppb
Calcium	44-1	21.50	21.94	20.14	21.19	4.42	ppb
Chromium	52-2	0.24	0.27	0.22	0.24	9.49	ppb
Cobalt	59-2	0.22	0.23	0.22	0.23	3.31	ppb
Copper	63-2	0.32	0.35	0.28	0.31	10.70	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				108		%
Holmium	165-2				112		%
Indium	115-1				110		%
Indium	115-2				114		%
Iron	56-2	12.07	12.23	11.87	12.06	1.51	ppb
Iron	57-2	13.58	13.47	10.99	12.68	11.53	ppb
Krypton	83-1						cps
Lead	206-1	0.21	0.20	0.21	0.21	3.08	ppb
Lead	207-1	0.20	0.18	0.17	0.19	8.45	ppb
Lead	208-1	0.19	0.19	0.19	0.19	0.57	ppb
Lithium	6-1				109		%
Magnesium	24-2	23.66	26.14	24.98	24.93	4.97	ppb

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : K5111-09 Instrumnet Name : P7
 Client Sample ID : MDL-MDL-WATER-03-Q Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 20:23:39 DataFile Name : 027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.37	0.36	0.32	0.35	8.22	ppb
Molybdenum	94-1	1.09	1.15	1.21	1.15	5.04	ppb
Molybdenum	95-1	1.24	1.14	1.18	1.19	4.35	ppb
Molybdenum	96-1	1.16	1.24	1.19	1.20	3.18	ppb
Molybdenum	97-1	1.14	1.06	1.06	1.09	4.29	ppb
Molybdenum	98-1	1.24	1.19	1.14	1.19	4.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.31	0.41	0.43	0.38	16.09	ppb
Phosphorus	31-2	-23.29	-18.76	-41.73	-27.93		ppb
Potassium	39-2	9.68	18.63	16.43	14.91	31.27	ppb
Rhodium	103-1				110		%
Rhodium	103-2				113		%
Scandium	45-1				115		%
Scandium	45-2				120		%
Selenium	77-2	0.61	-0.15	-0.15	0.10	417.12	ppb
Selenium	78-2	0.48	0.43	0.28	0.40	26.90	ppb
Selenium	82-1	0.80	0.60	0.50	0.63	23.76	ppb
Silicon	28-1	-1.29	-0.94	-0.91	-1.05		ppb
Silver	109-1	0.27	0.25	0.27	0.26	4.21	ppb
Silver	107-1	0.25	0.26	0.26	0.26	3.02	ppb
Sodium	23-2	17.35	17.73	16.14	17.08	4.86	ppb
Strontium	86-1	0.26	0.18	0.27	0.24	20.05	ppb
Strontium	88-1	0.24	0.23	0.23	0.23	2.41	ppb
Sulfur	34-1	-440.07	-372.78	-410.21	-407.69		ppb
Terbium	159-1				108		%
Terbium	159-2				113		%
Thallium	203-1	0.22	0.22	0.22	0.22	1.68	ppb
Thallium	205-1	0.21	0.20	0.22	0.21	4.78	ppb
Thorium	232-1	0.20	0.21	0.19	0.20	4.44	ppb
Tin	118-1	0.25	0.24	0.28	0.26	7.51	ppb
Titanium	47-1	1.28	1.27	1.34	1.30	3.05	ppb
Uranium	238-1	0.21	0.21	0.20	0.21	2.94	ppb
Vanadium	51-2	0.24	0.26	0.22	0.24	9.19	ppb
Yttrium	89-1				111		%
Yttrium	89-2				115		%

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	K5111-09	Instrumnet Name :	P7
Client Sample ID :	MDL-MDL-WATER-03-Q	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 20:23:39	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.57	0.59	0.68	0.61	9.67	ppb
Zirconium	90-1	0.24	0.22	0.20	0.22	9.68	ppb
Zirconium	91-1	0.17	0.21	0.20	0.19	9.92	ppb

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : K5111-01 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-SOIL-01-QT4- Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 20:27:19 DataFile Name : 028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.76	16.48	15.47	16.23	4.17	ppb
Antimony	121-1	0.74	0.76	0.83	0.78	6.23	ppb
Arsenic	75-2	0.72	0.71	0.91	0.78	14.62	ppb
Barium	135-1	4.21	4.04	4.10	4.12	2.11	ppb
Barium	137-1	3.99	3.95	4.11	4.01	2.13	ppb
Beryllium	9-1	0.81	0.87	0.76	0.82	6.40	ppb
Bismuth	209-1				105		%
Bismuth	209-2				109		%
Boron	10-1	1.78	1.48	1.55	1.60	9.94	ppb
Boron	11-1	1.83	1.61	1.72	1.72	6.61	ppb
Cadmium	111-1	0.75	0.81	0.77	0.77	3.81	ppb
Cadmium	106-1	0.05	0.31	-0.17	0.06	381.50	ppb
Cadmium	108-1	0.78	0.85	0.70	0.78	9.82	ppb
Calcium	43-1	72.21	76.58	85.31	78.03	8.55	ppb
Calcium	44-1	75.39	75.83	78.26	76.50	2.02	ppb
Chromium	52-2	0.82	0.76	0.74	0.78	5.34	ppb
Cobalt	59-2	0.78	0.82	0.81	0.80	2.44	ppb
Copper	63-2	1.54	1.38	1.38	1.43	6.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				114		%
Indium	115-1				109		%
Indium	115-2				116		%
Iron	56-2	40.20	40.66	40.08	40.32	0.76	ppb
Iron	57-2	43.15	41.87	44.72	43.25	3.30	ppb
Krypton	83-1						cps
Lead	206-1	0.77	0.74	0.73	0.75	2.41	ppb
Lead	207-1	0.68	0.71	0.74	0.71	3.81	ppb
Lead	208-1	0.72	0.72	0.73	0.72	1.19	ppb
Lithium	6-1				108		%
Magnesium	24-2	83.87	83.69	85.64	84.40	1.27	ppb

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : K5111-01 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-SOIL-01-QT4- Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 20:27:19 DataFile Name : 028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.46	1.51	1.53	1.50	2.55	ppb
Molybdenum	94-1	3.82	3.62	3.68	3.71	2.87	ppb
Molybdenum	95-1	3.87	3.83	3.90	3.87	0.98	ppb
Molybdenum	96-1	4.01	3.68	3.95	3.88	4.53	ppb
Molybdenum	97-1	3.96	4.01	3.78	3.92	3.08	ppb
Molybdenum	98-1	3.89	3.82	3.81	3.84	1.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.72	0.71	0.63	0.69	7.04	ppb
Phosphorus	31-2	-26.07	-24.44	-24.78	-25.10		ppb
Potassium	39-2	43.74	51.04	47.12	47.30	7.72	ppb
Rhodium	103-1				109		%
Rhodium	103-2				115		%
Scandium	45-1				113		%
Scandium	45-2				119		%
Selenium	77-2	0.96	0.22	-0.15	0.35	163.23	ppb
Selenium	78-2	1.11	1.91	0.56	1.19	56.85	ppb
Selenium	82-1	0.89	0.83	0.39	0.70	39.35	ppb
Silicon	28-1	-0.76	-0.77	-0.57	-0.70		ppb
Silver	109-1	0.84	0.87	0.85	0.85	1.81	ppb
Silver	107-1	0.91	0.82	0.85	0.86	5.39	ppb
Sodium	23-2	73.90	73.74	75.11	74.25	1.01	ppb
Strontium	86-1	0.79	0.72	0.73	0.75	5.16	ppb
Strontium	88-1	0.81	0.75	0.76	0.78	4.41	ppb
Sulfur	34-1	-193.81	-387.45	-397.80	-326.35		ppb
Terbium	159-1				106		%
Terbium	159-2				114		%
Thallium	203-1	0.75	0.76	0.71	0.74	3.42	ppb
Thallium	205-1	0.71	0.75	0.76	0.74	3.52	ppb
Thorium	232-1	0.64	0.64	0.65	0.64	0.96	ppb
Tin	118-1	0.79	0.81	0.83	0.81	2.81	ppb
Titanium	47-1	3.83	3.78	3.79	3.80	0.71	ppb
Uranium	238-1	0.69	0.68	0.71	0.70	2.30	ppb
Vanadium	51-2	0.81	0.81	0.79	0.81	1.26	ppb
Yttrium	89-1				110		%
Yttrium	89-2				117		%

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	K5111-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT4-	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 20:27:19	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.13	2.30	2.27	2.23	4.08	ppb
Zirconium	90-1	0.72	0.70	0.69	0.70	1.97	ppb
Zirconium	91-1	0.67	0.61	0.76	0.68	11.17	ppb

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : K5111-03 Instrumnet Name : P7
 Client Sample ID : MDL-MDL-SOIL-03-QT4- Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 20:30:59 DataFile Name : 029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.40	5.12	4.25	4.59	10.10	ppb
Antimony	121-1	0.23	0.25	0.24	0.24	2.58	ppb
Arsenic	75-2	0.16	0.22	0.16	0.18	18.08	ppb
Barium	135-1	1.23	1.16	1.38	1.26	8.94	ppb
Barium	137-1	1.23	1.19	1.27	1.23	3.22	ppb
Beryllium	9-1	0.27	0.23	0.23	0.24	8.80	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Boron	10-1	1.33	1.57	1.27	1.39	11.62	ppb
Boron	11-1	1.33	1.20	1.19	1.24	6.39	ppb
Cadmium	111-1	0.36	0.33	0.25	0.31	17.73	ppb
Cadmium	106-1	1.64	1.05	0.45	1.05	57.25	ppb
Cadmium	108-1	0.19	0.18	0.23	0.20	14.97	ppb
Calcium	43-1	23.93	24.72	24.67	24.44	1.82	ppb
Calcium	44-1	20.34	18.44	20.13	19.64	5.31	ppb
Chromium	52-2	0.26	0.26	0.26	0.26	1.25	ppb
Cobalt	59-2	0.21	0.24	0.22	0.23	7.77	ppb
Copper	63-2	0.35	0.42	0.40	0.39	9.21	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				108		%
Holmium	165-2				110		%
Indium	115-1				110		%
Indium	115-2				112		%
Iron	56-2	11.99	12.13	12.07	12.06	0.59	ppb
Iron	57-2	9.93	12.56	11.94	11.48	11.95	ppb
Krypton	83-1						cps
Lead	206-1	0.24	0.21	0.21	0.22	6.24	ppb
Lead	207-1	0.18	0.19	0.19	0.19	2.94	ppb
Lead	208-1	0.21	0.19	0.20	0.20	3.02	ppb
Lithium	6-1				109		%
Magnesium	24-2	26.18	23.81	24.38	24.79	4.98	ppb

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : K5111-03 Instrumnet Name : P7
 Client Sample ID : MDL-MDL-SOIL-03-QT4- Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 20:30:59 DataFile Name : 029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.39	0.37	0.39	0.38	2.70	ppb
Molybdenum	94-1	1.21	1.21	1.11	1.18	5.02	ppb
Molybdenum	95-1	1.18	1.20	1.20	1.19	1.23	ppb
Molybdenum	96-1	1.20	1.22	1.16	1.19	2.76	ppb
Molybdenum	97-1	1.23	1.20	1.20	1.21	1.10	ppb
Molybdenum	98-1	1.23	1.11	1.24	1.19	5.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.45	0.33	0.32	0.37	19.58	ppb
Phosphorus	31-2	-29.61	-22.33	-33.85	-28.60		ppb
Potassium	39-2	20.89	18.47	23.81	21.06	12.71	ppb
Rhodium	103-1				111		%
Rhodium	103-2				111		%
Scandium	45-1				116		%
Scandium	45-2				116		%
Selenium	77-2	0.24	0.23	1.01	0.50	89.84	ppb
Selenium	78-2	0.69	0.50	0.72	0.64	18.35	ppb
Selenium	82-1	0.37	0.41	0.57	0.45	23.31	ppb
Silicon	28-1	-0.98	-1.17	-1.00	-1.05		ppb
Silver	109-1	0.29	0.26	0.28	0.27	5.69	ppb
Silver	107-1	0.26	0.27	0.27	0.27	2.37	ppb
Sodium	23-2	16.91	17.57	15.41	16.63	6.65	ppb
Strontium	86-1	0.25	0.15	0.21	0.20	24.68	ppb
Strontium	88-1	0.24	0.24	0.25	0.24	3.30	ppb
Sulfur	34-1	-366.74	-445.19	-367.68	-393.20		ppb
Terbium	159-1				108		%
Terbium	159-2				111		%
Thallium	203-1	0.20	0.23	0.20	0.21	7.59	ppb
Thallium	205-1	0.22	0.20	0.23	0.22	6.13	ppb
Thorium	232-1	0.18	0.19	0.19	0.19	2.31	ppb
Tin	118-1	0.29	0.27	0.25	0.27	6.29	ppb
Titanium	47-1	1.17	1.17	1.27	1.20	5.15	ppb
Uranium	238-1	0.20	0.21	0.21	0.21	2.01	ppb
Vanadium	51-2	0.25	0.27	0.28	0.27	7.41	ppb
Yttrium	89-1				111		%
Yttrium	89-2				113		%

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	K5111-03	Instrumnet Name :	P7
Client Sample ID :	MDL-MDL-SOIL-03-QT4-	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 20:30:59	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.72	0.68	0.77	0.72	6.44	ppb
Zirconium	90-1	0.23	0.23	0.22	0.23	1.64	ppb
Zirconium	91-1	0.25	0.20	0.26	0.24	13.29	ppb

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : PB125715BL Instrumnet Name : P7
 Client Sample ID : PB125715BL Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 20:34:40 DataFile Name : 030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.25	-0.33	-0.39	-0.33		ppb
Antimony	121-1	0.00	0.01	0.01	0.01	70.11	ppb
Arsenic	75-2	-0.05	-0.03	-0.02	-0.03		ppb
Barium	135-1	-0.03	-0.02	-0.04	-0.03		ppb
Barium	137-1	-0.01	-0.03	-0.02	-0.02		ppb
Beryllium	9-1	-0.01	0.00	-0.01	-0.01		ppb
Bismuth	209-1				105		%
Bismuth	209-2				108		%
Boron	10-1	0.73	0.76	0.89	0.79	10.84	ppb
Boron	11-1	0.68	0.65	0.69	0.68	2.83	ppb
Cadmium	111-1	-0.09	0.04	0.01	-0.01		ppb
Cadmium	106-1	-1.06	0.56	0.29	-0.07		ppb
Cadmium	108-1	0.00	-0.02	-0.02	-0.01		ppb
Calcium	43-1	-3.93	-2.18	-1.70	-2.60		ppb
Calcium	44-1	-6.04	-5.15	-5.24	-5.48		ppb
Chromium	52-2	-0.02	0.00	0.05	0.01	306.41	ppb
Cobalt	59-2	-0.02	-0.03	-0.02	-0.02		ppb
Copper	63-2	-0.18	-0.19	-0.20	-0.19		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				111		%
Indium	115-1				110		%
Indium	115-2				113		%
Iron	56-2	-0.25	-0.36	0.05	-0.19		ppb
Iron	57-2	-0.92	-1.04	1.53	-0.14		ppb
Krypton	83-1						cps
Lead	206-1	-0.01	-0.03	-0.04	-0.03		ppb
Lead	207-1	-0.03	-0.03	-0.04	-0.03		ppb
Lead	208-1	-0.02	-0.03	-0.03	-0.02		ppb
Lithium	6-1				109		%
Magnesium	24-2	0.14	-0.30	-0.36	-0.18		ppb

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : PB125715BL Instrumnet Name : P7
 Client Sample ID : PB125715BL Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 20:34:40 DataFile Name : 030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.11	-0.11	-0.12	-0.12		ppb
Molybdenum	94-1	0.00	-0.01	0.01	0.00		ppb
Molybdenum	95-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	96-1	-0.02	-0.02	-0.02	-0.02		ppb
Molybdenum	97-1	0.02	0.00	0.01	0.01	85.71	ppb
Molybdenum	98-1	-0.01	-0.01	0.00	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.20	-0.27	-0.18	-0.22		ppb
Phosphorus	31-2	-32.88	-28.87	-32.54	-31.43		ppb
Potassium	39-2	-0.08	0.25	9.66	3.28	168.85	ppb
Rhodium	103-1				111		%
Rhodium	103-2				112		%
Scandium	45-1				116		%
Scandium	45-2				116		%
Selenium	77-2	-0.15	0.23	-0.15	-0.02		ppb
Selenium	78-2	-0.08	-0.15	-0.27	-0.17		ppb
Selenium	82-1	0.32	-0.23	0.10	0.06	434.56	ppb
Silicon	28-1	-2.04	-2.30	-2.01	-2.12		ppb
Silver	109-1	-0.01	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.01	0.00	0.00		ppb
Sodium	23-2	-10.68	-10.39	-7.86	-9.64		ppb
Strontium	86-1	-0.08	-0.02	-0.01	-0.04		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-512.40	-551.96	-578.63	-547.66		ppb
Terbium	159-1				107		%
Terbium	159-2				111		%
Thallium	203-1	0.00	-0.03	-0.01	-0.02		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Thorium	232-1	-0.01	-0.01	0.00	-0.01		ppb
Tin	118-1	0.01	0.02	0.03	0.02	45.92	ppb
Titanium	47-1	0.03	0.03	0.01	0.02	49.76	ppb
Uranium	238-1	0.00	-0.01	-0.02	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	533.76	ppb
Yttrium	89-1				111		%
Yttrium	89-2				114		%

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	PB125715BL	Instrumnet Name :	P7
Client Sample ID :	PB125715BL	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 20:34:40	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.30	-0.22	-0.26	-0.26		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	42.71	ppb
Zirconium	91-1	0.03	0.03	0.02	0.03	34.40	ppb

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	PB125715BS	Instrumnet Name :	P7
Client Sample ID :	PB125715BS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 20:38:18	DataFile Name :	031LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10017.85	9841.29	9851.43	9903.52	1.00	ppb
Antimony	121-1	499.66	495.95	497.29	497.63	0.38	ppb
Arsenic	75-2	513.90	512.48	511.60	512.66	0.23	ppb
Barium	135-1	2521.37	2516.27	2528.54	2522.06	0.24	ppb
Barium	137-1	2532.02	2511.44	2517.83	2520.43	0.42	ppb
Beryllium	9-1	503.25	501.11	505.06	503.14	0.39	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	480.24	489.63	502.17	490.68	2.24	ppb
Boron	11-1	485.77	485.12	497.07	489.32	1.37	ppb
Cadmium	111-1	481.61	484.81	489.98	485.46	0.87	ppb
Cadmium	106-1	492.64	488.36	495.46	492.15	0.73	ppb
Cadmium	108-1	490.94	494.56	493.80	493.10	0.39	ppb
Calcium	43-1	52345.91	50983.39	51288.22	51539.17	1.39	ppb
Calcium	44-1	51453.28	51096.46	51542.65	51364.13	0.46	ppb
Chromium	52-2	505.10	502.88	504.11	504.03	0.22	ppb
Cobalt	59-2	506.58	500.67	514.42	507.22	1.36	ppb
Copper	63-2	974.41	965.47	972.71	970.86	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	56-2	26016.96	25943.29	25923.53	25961.26	0.19	ppb
Iron	57-2	25821.69	25508.12	25909.99	25746.60	0.82	ppb
Krypton	83-1						cps
Lead	206-1	491.30	493.12	498.40	494.27	0.75	ppb
Lead	207-1	485.76	486.61	496.05	489.47	1.17	ppb
Lead	208-1	492.35	490.13	500.75	494.41	1.13	ppb
Lithium	6-1				102		%
Magnesium	24-2	53346.88	52339.24	53455.95	53047.35	1.16	ppb

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	PB125715BS	Instrumnet Name :	P7
Client Sample ID :	PB125715BS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 20:38:18	DataFile Name :	031LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1004.75	1006.43	1004.14	1005.11	0.12	ppb
Molybdenum	94-1	2490.26	2502.99	2477.15	2490.14	0.52	ppb
Molybdenum	95-1	2504.52	2518.44	2470.65	2497.87	0.98	ppb
Molybdenum	96-1	2492.13	2510.70	2504.71	2502.51	0.38	ppb
Molybdenum	97-1	2493.92	2534.21	2484.53	2504.22	1.05	ppb
Molybdenum	98-1	2479.11	2512.73	2484.27	2492.04	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.37	501.49	508.17	504.34	0.68	ppb
Phosphorus	31-2	10203.78	10341.98	10092.01	10212.59	1.23	ppb
Potassium	39-2	26046.06	25664.40	25444.54	25718.33	1.18	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				109		%
Scandium	45-2				108		%
Selenium	77-2	532.22	492.28	479.46	501.32	5.49	ppb
Selenium	78-2	515.39	515.68	502.17	511.08	1.51	ppb
Selenium	82-1	498.99	506.45	500.88	502.11	0.77	ppb
Silicon	28-1	532.90	523.20	534.10	530.07	1.13	ppb
Silver	109-1	502.93	506.61	508.29	505.95	0.54	ppb
Silver	107-1	506.47	508.04	500.43	504.98	0.80	ppb
Sodium	23-2	53066.28	52255.77	52860.19	52727.41	0.80	ppb
Strontium	86-1	492.77	499.06	493.29	495.04	0.71	ppb
Strontium	88-1	502.51	496.58	495.16	498.08	0.78	ppb
Sulfur	34-1	10386.67	9906.77	9734.72	10009.39	3.38	ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	484.87	487.42	496.37	489.55	1.23	ppb
Thallium	205-1	498.64	491.43	498.95	496.34	0.86	ppb
Thorium	232-1	489.44	489.66	483.87	487.66	0.67	ppb
Tin	118-1	498.15	499.67	501.88	499.90	0.38	ppb
Titanium	47-1	2477.99	2435.81	2474.71	2462.84	0.95	ppb
Uranium	238-1	480.01	490.26	492.51	487.59	1.37	ppb
Vanadium	51-2	509.03	505.59	503.04	505.89	0.59	ppb
Yttrium	89-1				107		%
Yttrium	89-2				107		%

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	PB125715BS	Instrumnet Name :	P7
Client Sample ID :	PB125715BS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 20:38:18	DataFile Name :	031LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	983.96	977.01	988.74	983.24	0.60	ppb
Zirconium	90-1	505.63	500.12	501.43	502.40	0.57	ppb
Zirconium	91-1	498.54	495.01	499.53	497.70	0.48	ppb

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P7
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 20:45:37	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49530.12	48916.65	49467.53	49304.76	0.68	ppb
Antimony	121-1	465.61	464.03	462.48	464.04	0.34	ppb
Arsenic	75-2	472.73	479.47	474.83	475.67	0.72	ppb
Barium	135-1	2415.60	2410.52	2430.57	2418.90	0.43	ppb
Barium	137-1	2414.91	2415.38	2454.25	2428.18	0.93	ppb
Beryllium	9-1	468.04	479.91	471.56	473.17	1.29	ppb
Bismuth	209-1				93		%
Bismuth	209-2				93		%
Boron	10-1	459.22	482.91	481.37	474.50	2.79	ppb
Boron	11-1	456.27	482.42	480.46	473.05	3.08	ppb
Cadmium	111-1	478.66	479.54	476.28	478.16	0.35	ppb
Cadmium	106-1	485.37	477.53	482.53	481.81	0.82	ppb
Cadmium	108-1	484.52	480.18	484.69	483.13	0.53	ppb
Calcium	43-1	232879.08	230869.51	230842.62	231530.41	0.50	ppb
Calcium	44-1	232402.49	232293.04	231905.43	232200.32	0.11	ppb
Chromium	52-2	490.16	492.04	486.56	489.59	0.57	ppb
Cobalt	59-2	469.59	474.68	466.50	470.26	0.88	ppb
Copper	63-2	992.90	994.84	993.36	993.70	0.10	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				105		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	118004.83	116784.25	117137.75	117308.94	0.54	ppb
Iron	57-2	118621.34	118253.24	116149.97	117674.85	1.13	ppb
Krypton	83-1						cps
Lead	206-1	486.85	486.83	490.39	488.02	0.42	ppb
Lead	207-1	484.47	488.70	490.00	487.72	0.59	ppb
Lead	208-1	491.00	491.29	493.40	491.90	0.27	ppb
Lithium	6-1				94		%
Magnesium	24-2	240849.12	244804.52	240247.55	241967.07	1.02	ppb

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P7
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 20:45:37	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	955.98	956.36	943.63	951.99	0.76	ppb
Molybdenum	94-1	2385.54	2388.60	2382.68	2385.60	0.12	ppb
Molybdenum	95-1	2417.88	2375.17	2392.69	2395.25	0.90	ppb
Molybdenum	96-1	2436.21	2403.93	2386.67	2408.94	1.04	ppb
Molybdenum	97-1	2420.07	2411.74	2401.11	2410.97	0.39	ppb
Molybdenum	98-1	2441.64	2399.43	2392.11	2411.06	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	468.76	471.86	469.22	469.95	0.36	ppb
Phosphorus	31-2	9536.51	9679.07	9391.35	9535.64	1.51	ppb
Potassium	39-2	121986.54	122090.85	121972.99	122016.80	0.05	ppb
Rhodium	103-1				92		%
Rhodium	103-2				93		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	77-2	495.62	497.35	532.39	508.45	4.08	ppb
Selenium	78-2	489.16	491.68	478.26	486.37	1.47	ppb
Selenium	82-1	489.49	486.54	483.96	486.66	0.57	ppb
Silicon	28-1	522.91	534.39	542.37	533.22	1.84	ppb
Silver	109-1	468.01	465.05	459.46	464.17	0.94	ppb
Silver	107-1	479.71	476.79	478.54	478.35	0.31	ppb
Sodium	23-2	236289.60	241786.88	235541.53	237872.67	1.43	ppb
Strontium	86-1	470.24	467.41	474.23	470.63	0.73	ppb
Strontium	88-1	485.05	473.66	480.12	479.61	1.19	ppb
Sulfur	34-1	9130.06	9021.33	9072.37	9074.59	0.60	ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	487.38	486.94	489.36	487.89	0.26	ppb
Thallium	205-1	500.03	491.86	499.01	496.97	0.90	ppb
Thorium	232-1	509.30	503.81	505.24	506.12	0.56	ppb
Tin	118-1	476.33	469.17	469.43	471.64	0.86	ppb
Titanium	47-1	2383.24	2351.83	2346.38	2360.48	0.84	ppb
Uranium	238-1	510.19	501.67	504.03	505.30	0.87	ppb
Vanadium	51-2	479.62	483.93	480.09	481.21	0.49	ppb
Yttrium	89-1				101		%
Yttrium	89-2				104		%

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P7
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 20:45:37	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	947.27	958.38	948.17	951.28	0.65	ppb
Zirconium	90-1	485.10	482.48	485.29	484.29	0.32	ppb
Zirconium	91-1	476.85	474.64	476.87	476.12	0.27	ppb

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : CCB09 Instrumnet Name : P7
 Client Sample ID : CCB09 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 20:52:42 DataFile Name : 034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.21	-0.14	0.27	0.11	194.91	ppb
Antimony	121-1	0.18	0.22	0.24	0.21	13.93	ppb
Arsenic	75-2	-0.02	-0.03	-0.02	-0.02		ppb
Barium	135-1	0.01	0.00	0.02	0.01	92.43	ppb
Barium	137-1	0.01	0.00	0.01	0.01	57.72	ppb
Beryllium	9-1	0.01	0.01	0.00	0.01	57.37	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	10-1	5.60	4.91	5.20	5.24	6.65	ppb
Boron	11-1	5.51	5.19	5.16	5.28	3.68	ppb
Cadmium	111-1	-0.06	-0.14	-0.08	-0.10		ppb
Cadmium	106-1	-0.80	-1.75	-1.11	-1.22		ppb
Cadmium	108-1	0.06	0.00	-0.02	0.02	256.28	ppb
Calcium	43-1	1.00	0.67	1.89	1.19	53.17	ppb
Calcium	44-1	-2.27	-2.24	-3.26	-2.59		ppb
Chromium	52-2	0.00	0.01	-0.02	0.00		ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	-0.20	-0.17	-0.21	-0.20		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				105		%
Holmium	165-2				109		%
Indium	115-1				105		%
Indium	115-2				108		%
Iron	56-2	0.41	0.40	0.51	0.44	13.83	ppb
Iron	57-2	-0.10	0.28	-0.92	-0.25		ppb
Krypton	83-1						cps
Lead	206-1	-0.04	-0.02	-0.03	-0.03		ppb
Lead	207-1	-0.02	-0.03	-0.04	-0.03		ppb
Lead	208-1	-0.03	-0.02	-0.02	-0.02		ppb
Lithium	6-1				101		%
Magnesium	24-2	0.71	0.66	0.28	0.55	43.14	ppb

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P7
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 20:52:42	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.10	-0.10	-0.10	-0.10		ppb
Molybdenum	94-1	0.08	0.13	0.12	0.11	24.83	ppb
Molybdenum	95-1	0.11	0.12	0.12	0.12	4.10	ppb
Molybdenum	96-1	0.13	0.13	0.11	0.12	7.61	ppb
Molybdenum	97-1	0.14	0.13	0.16	0.14	11.90	ppb
Molybdenum	98-1	0.10	0.14	0.13	0.13	15.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.18	-0.22	-0.20	-0.20		ppb
Phosphorus	31-2	-31.68	-36.84	-37.17	-35.23		ppb
Potassium	39-2	9.21	5.88	7.68	7.59	21.91	ppb
Rhodium	103-1				105		%
Rhodium	103-2				107		%
Scandium	45-1				105		%
Scandium	45-2				109		%
Selenium	77-2	-0.15	-0.15	-0.15	-0.15		ppb
Selenium	78-2	0.18	-0.10	0.02	0.03	421.07	ppb
Selenium	82-1	-0.03	0.32	0.05	0.11	161.48	ppb
Silicon	28-1	-2.29	-2.40	-2.50	-2.40		ppb
Silver	109-1	0.00	0.00	0.00	0.00	130.91	ppb
Silver	107-1	0.00	0.01	0.00	0.00	150.45	ppb
Sodium	23-2	8.53	7.37	7.54	7.81	8.01	ppb
Strontium	86-1	0.00	0.00	-0.03	-0.01		ppb
Strontium	88-1	0.00	0.01	0.00	0.00	82.50	ppb
Sulfur	34-1	-583.92	-598.37	-717.64	-633.31		ppb
Terbium	159-1				105		%
Terbium	159-2				110		%
Thallium	203-1	0.02	0.01	0.01	0.01	42.06	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	9.12	ppb
Thorium	232-1	0.03	0.05	0.05	0.04	21.39	ppb
Tin	118-1	0.07	0.10	0.10	0.09	17.43	ppb
Titanium	47-1	-0.01	0.04	0.02	0.02	137.09	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				105		%
Yttrium	89-2				108		%

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P7
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 20:52:42	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.45	0.65	0.46	0.52	21.36	ppb
Zirconium	90-1	0.03	0.03	0.05	0.04	25.88	ppb
Zirconium	91-1	0.04	0.05	0.04	0.04	10.94	ppb

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : PB125716BL Instrumnet Name : P7
 Client Sample ID : PB125716BL Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 20:56:20 DataFile Name : 035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.56	-0.15	-0.56	-0.43		ppb
Antimony	121-1	0.06	0.06	0.10	0.07	31.26	ppb
Arsenic	75-2	-0.02	-0.05	-0.02	-0.03		ppb
Barium	135-1	0.00	-0.01	-0.02	-0.01		ppb
Barium	137-1	-0.01	-0.02	-0.01	-0.01		ppb
Beryllium	9-1	-0.01	0.00	0.00	0.00		ppb
Bismuth	209-1				107		%
Bismuth	209-2				108		%
Boron	10-1	2.63	3.25	3.56	3.15	14.96	ppb
Boron	11-1	3.30	3.38	3.62	3.43	4.81	ppb
Cadmium	111-1	-0.11	-0.07	-0.19	-0.12		ppb
Cadmium	106-1	-1.34	-0.95	-2.37	-1.55		ppb
Cadmium	108-1	0.04	-0.03	0.00	0.00	2499.52	ppb
Calcium	43-1	-4.14	-3.72	0.60	-2.42		ppb
Calcium	44-1	-5.45	-5.36	-5.39	-5.40		ppb
Chromium	52-2	0.00	0.00	-0.03	-0.01		ppb
Cobalt	59-2	-0.01	-0.02	-0.02	-0.02		ppb
Copper	63-2	-0.20	-0.21	-0.21	-0.20		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				109		%
Holmium	165-2				112		%
Indium	115-1				108		%
Indium	115-2				111		%
Iron	56-2	-0.45	-0.37	-0.53	-0.45		ppb
Iron	57-2	0.44	-1.15	1.51	0.27	503.07	ppb
Krypton	83-1						cps
Lead	206-1	-0.04	-0.05	-0.05	-0.04		ppb
Lead	207-1	-0.03	-0.02	-0.04	-0.03		ppb
Lead	208-1	-0.03	-0.03	-0.04	-0.03		ppb
Lithium	6-1				104		%
Magnesium	24-2	-0.59	-0.55	-0.74	-0.63		ppb

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	PB125716BL	Instrumnet Name :	P7
Client Sample ID :	PB125716BL	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 20:56:20	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.11	-0.12	-0.09	-0.11		ppb
Molybdenum	94-1	0.02	0.04	0.06	0.04	49.15	ppb
Molybdenum	95-1	0.02	0.05	0.02	0.03	51.70	ppb
Molybdenum	96-1	0.03	0.02	0.03	0.03	19.99	ppb
Molybdenum	97-1	0.02	0.03	0.04	0.03	31.92	ppb
Molybdenum	98-1	0.00	0.03	0.03	0.02	76.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.24	-0.16	-0.20	-0.20		ppb
Phosphorus	31-2	-32.83	-28.44	-27.49	-29.58		ppb
Potassium	39-2	3.82	5.51	3.78	4.37	22.54	ppb
Rhodium	103-1				108		%
Rhodium	103-2				109		%
Scandium	45-1				110		%
Scandium	45-2				113		%
Selenium	77-2	0.63	-0.15	-0.15	0.11	401.39	ppb
Selenium	78-2	-0.41	0.22	-0.17	-0.12		ppb
Selenium	82-1	0.22	0.14	0.17	0.18	23.47	ppb
Silicon	28-1	-2.73	-2.76	-2.94	-2.81		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	-0.01	0.00	0.01	0.00		ppb
Sodium	23-2	3.32	0.00	1.03	1.45	117.21	ppb
Strontium	86-1	-0.05	-0.03	-0.01	-0.03		ppb
Strontium	88-1	0.00	0.00	-0.01	0.00		ppb
Sulfur	34-1	-732.29	-764.61	-584.58	-693.83		ppb
Terbium	159-1				107		%
Terbium	159-2				113		%
Thallium	203-1	0.00	-0.01	0.00	-0.01		ppb
Thallium	205-1	0.00	0.00	0.01	0.00	80.23	ppb
Thorium	232-1	0.00	0.01	0.02	0.01	63.61	ppb
Tin	118-1	0.04	0.05	0.03	0.04	19.41	ppb
Titanium	47-1	-0.01	0.01	-0.01	0.00		ppb
Uranium	238-1	-0.01	-0.01	-0.02	-0.02		ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00		ppb
Yttrium	89-1				108		%
Yttrium	89-2				113		%

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	PB125716BL	Instrumnet Name :	P7
Client Sample ID :	PB125716BL	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 20:56:20	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.79	0.93	0.79	0.84	9.93	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	77.42	ppb
Zirconium	91-1	0.02	0.02	0.02	0.02	13.68	ppb

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : PB125714BL Instrumnet Name : P7
 Client Sample ID : PB125714BL Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 20:59:59 DataFile Name : 036DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.40	0.10	-0.07	0.14	165.31	ppb
Antimony	121-1	0.05	0.04	0.06	0.05	28.31	ppb
Arsenic	75-2	-0.02	-0.03	-0.02	-0.02		ppb
Barium	135-1	0.02	0.00	-0.01	0.00	416.12	ppb
Barium	137-1	0.01	0.00	-0.01	0.00		ppb
Beryllium	9-1	0.01	0.00	0.02	0.01	74.11	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Boron	10-1	2.45	2.97	2.39	2.60	12.36	ppb
Boron	11-1	2.64	2.78	2.57	2.66	3.96	ppb
Cadmium	111-1	-0.08	0.04	-0.01	-0.01		ppb
Cadmium	106-1	-0.86	0.59	-0.05	-0.11		ppb
Cadmium	108-1	0.04	-0.02	0.04	0.02	157.79	ppb
Calcium	43-1	-0.52	1.42	-2.39	-0.50		ppb
Calcium	44-1	-2.79	-1.64	-2.27	-2.23		ppb
Chromium	52-2	-0.02	0.02	-0.02	-0.01		ppb
Cobalt	59-2	-0.02	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.20	-0.16	-0.19	-0.18		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				109		%
Indium	115-1				107		%
Indium	115-2				111		%
Iron	56-2	0.54	1.09	0.63	0.75	39.63	ppb
Iron	57-2	0.92	1.97	0.80	1.23	52.39	ppb
Krypton	83-1						cps
Lead	206-1	-0.03	-0.02	-0.04	-0.03		ppb
Lead	207-1	-0.04	-0.03	-0.04	-0.04		ppb
Lead	208-1	-0.03	-0.02	-0.04	-0.03		ppb
Lithium	6-1				104		%
Magnesium	24-2	1.70	1.49	1.71	1.64	7.71	ppb

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	PB125714BL	Instrumnet Name :	P7
Client Sample ID :	PB125714BL	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 20:59:59	DataFile Name :	036DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.10	-0.09	-0.10	-0.10		ppb
Molybdenum	94-1	0.02	0.06	0.07	0.05	47.26	ppb
Molybdenum	95-1	0.05	0.07	0.05	0.05	19.70	ppb
Molybdenum	96-1	0.06	0.03	0.04	0.04	25.97	ppb
Molybdenum	97-1	0.05	0.06	0.04	0.05	15.63	ppb
Molybdenum	98-1	0.05	0.04	0.04	0.04	8.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.27	-0.12	-0.16	-0.18		ppb
Phosphorus	31-2	-23.34	-35.67	-31.39	-30.13		ppb
Potassium	39-2	2.22	10.60	5.84	6.22	67.58	ppb
Rhodium	103-1				108		%
Rhodium	103-2				109		%
Scandium	45-1				109		%
Scandium	45-2				113		%
Selenium	77-2	-0.15	-0.15	0.24	-0.02		ppb
Selenium	78-2	-0.48	0.25	0.24	0.00	25111.49	ppb
Selenium	82-1	-0.01	-0.23	-0.06	-0.10		ppb
Silicon	28-1	-2.19	-2.70	-2.68	-2.52		ppb
Silver	109-1	0.00	0.00	0.01	0.00	50.28	ppb
Silver	107-1	0.01	0.01	0.00	0.01	112.39	ppb
Sodium	23-2	-1.31	-0.39	0.03	-0.56		ppb
Strontium	86-1	-0.03	-0.02	-0.02	-0.02		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	16.68	ppb
Sulfur	34-1	-446.20	-566.03	-458.27	-490.17		ppb
Terbium	159-1				106		%
Terbium	159-2				110		%
Thallium	203-1	0.02	-0.01	0.01	0.00	463.18	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	32.37	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	19.89	ppb
Tin	118-1	0.05	0.03	0.04	0.04	21.34	ppb
Titanium	47-1	0.06	0.00	0.04	0.03	97.21	ppb
Uranium	238-1	0.00	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	27.09	ppb
Yttrium	89-1				108		%
Yttrium	89-2				112		%

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	PB125714BL	Instrumnet Name :	P7
Client Sample ID :	PB125714BL	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 20:59:59	DataFile Name :	036DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.63	0.51	0.62	0.59	10.97	ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	9.66	ppb
Zirconium	91-1	0.01	0.00	0.02	0.01	75.16	ppb

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	PB125716BS	Instrumnet Name :	P7
Client Sample ID :	PB125716BS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 21:03:39	DataFile Name :	037LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9828.10	10002.64	9709.74	9846.83	1.50	ppb
Antimony	121-1	495.45	488.75	490.70	491.63	0.70	ppb
Arsenic	75-2	502.41	509.48	500.14	504.01	0.97	ppb
Barium	135-1	2541.38	2474.99	2507.96	2508.11	1.32	ppb
Barium	137-1	2525.29	2511.88	2531.72	2522.96	0.40	ppb
Beryllium	9-1	496.33	499.66	500.00	498.66	0.41	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	10-1	472.62	495.78	494.84	487.75	2.69	ppb
Boron	11-1	475.95	491.42	498.81	488.73	2.39	ppb
Cadmium	111-1	477.73	471.31	479.84	476.29	0.93	ppb
Cadmium	106-1	488.97	481.10	487.74	485.94	0.87	ppb
Cadmium	108-1	484.96	473.04	484.82	480.94	1.42	ppb
Calcium	43-1	50931.47	50628.26	51482.66	51014.13	0.85	ppb
Calcium	44-1	51001.73	51415.95	51310.90	51242.86	0.42	ppb
Chromium	52-2	497.24	497.34	502.54	499.04	0.61	ppb
Cobalt	59-2	502.23	505.85	504.58	504.22	0.36	ppb
Copper	63-2	963.41	962.93	959.12	961.82	0.24	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				108		%
Holmium	165-2				111		%
Indium	115-1				104		%
Indium	115-2				107		%
Iron	56-2	25651.40	25896.76	25804.48	25784.22	0.48	ppb
Iron	57-2	25256.85	25605.02	25436.70	25432.86	0.68	ppb
Krypton	83-1						cps
Lead	206-1	481.22	483.85	493.68	486.25	1.35	ppb
Lead	207-1	481.83	480.05	492.13	484.67	1.35	ppb
Lead	208-1	485.77	486.98	493.62	488.79	0.86	ppb
Lithium	6-1				99		%
Magnesium	24-2	52186.89	53138.75	51968.91	52431.52	1.19	ppb

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	PB125716BS	Instrumnet Name :	P7
Client Sample ID :	PB125716BS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 21:03:39	DataFile Name :	037LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	992.51	997.78	998.88	996.39	0.34	ppb
Molybdenum	94-1	2438.12	2472.97	2480.19	2463.76	0.91	ppb
Molybdenum	95-1	2443.77	2471.07	2519.54	2478.13	1.55	ppb
Molybdenum	96-1	2462.26	2484.38	2491.92	2479.52	0.62	ppb
Molybdenum	97-1	2455.98	2478.78	2499.72	2478.16	0.88	ppb
Molybdenum	98-1	2455.49	2516.23	2500.45	2490.73	1.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.93	503.94	496.74	501.87	0.89	ppb
Phosphorus	31-2	10304.04	9960.40	9930.09	10064.85	2.06	ppb
Potassium	39-2	25610.97	25774.03	25396.54	25593.85	0.74	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				110		%
Selenium	77-2	484.12	542.41	526.28	517.60	5.82	ppb
Selenium	78-2	498.34	507.45	496.11	500.63	1.20	ppb
Selenium	82-1	491.80	491.94	502.08	495.27	1.19	ppb
Silicon	28-1	508.29	517.18	524.48	516.65	1.57	ppb
Silver	109-1	507.61	489.77	493.72	497.03	1.89	ppb
Silver	107-1	505.81	497.58	499.92	501.10	0.85	ppb
Sodium	23-2	51490.88	52665.99	52094.76	52083.88	1.13	ppb
Strontium	86-1	484.60	488.81	499.85	491.08	1.60	ppb
Strontium	88-1	496.53	497.35	500.99	498.29	0.48	ppb
Sulfur	34-1	9531.35	9516.50	9561.80	9536.55	0.24	ppb
Terbium	159-1				108		%
Terbium	159-2				111		%
Thallium	203-1	474.38	483.21	492.49	483.36	1.87	ppb
Thallium	205-1	489.97	487.67	503.06	493.57	1.68	ppb
Thorium	232-1	483.59	482.94	486.00	484.18	0.33	ppb
Tin	118-1	499.62	488.04	491.43	493.03	1.21	ppb
Titanium	47-1	2422.99	2415.88	2471.39	2436.75	1.24	ppb
Uranium	238-1	483.47	483.48	484.39	483.78	0.11	ppb
Vanadium	51-2	496.40	501.71	496.46	498.19	0.61	ppb
Yttrium	89-1				106		%
Yttrium	89-2				110		%

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	PB125716BS	Instrumnet Name :	P7
Client Sample ID :	PB125716BS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 21:03:39	DataFile Name :	037LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	967.65	978.00	975.26	973.64	0.55	ppb
Zirconium	90-1	494.13	496.59	491.92	494.21	0.47	ppb
Zirconium	91-1	487.97	492.91	490.37	490.42	0.50	ppb

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	PB125714BS	Instrumnet Name :	P7
Client Sample ID :	PB125714BS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 21:07:18	DataFile Name :	038LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9742.49	9842.93	9901.53	9828.98	0.82	ppb
Antimony	121-1	498.71	495.91	498.94	497.85	0.34	ppb
Arsenic	75-2	501.70	512.70	505.11	506.50	1.11	ppb
Barium	135-1	2511.07	2483.17	2548.54	2514.26	1.30	ppb
Barium	137-1	2509.91	2510.67	2524.21	2514.93	0.32	ppb
Beryllium	9-1	499.50	495.50	499.85	498.28	0.48	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	493.02	499.62	501.10	497.91	0.86	ppb
Boron	11-1	486.10	497.35	507.10	496.85	2.12	ppb
Cadmium	111-1	484.47	484.56	482.19	483.74	0.28	ppb
Cadmium	106-1	490.29	487.08	490.07	489.15	0.37	ppb
Cadmium	108-1	485.36	485.15	478.89	483.13	0.76	ppb
Calcium	43-1	51520.55	51506.88	50459.68	51162.37	1.19	ppb
Calcium	44-1	51703.53	51359.62	50706.08	51256.41	0.99	ppb
Chromium	52-2	499.10	507.10	503.23	503.15	0.80	ppb
Cobalt	59-2	501.73	513.32	508.29	507.78	1.14	ppb
Copper	63-2	960.18	986.22	968.22	971.54	1.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				109		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	56-2	25392.49	26036.30	26035.11	25821.30	1.44	ppb
Iron	57-2	25291.62	25772.91	25669.81	25578.11	0.99	ppb
Krypton	83-1						cps
Lead	206-1	491.11	486.47	495.98	491.19	0.97	ppb
Lead	207-1	481.48	485.50	491.75	486.24	1.06	ppb
Lead	208-1	489.95	488.81	494.27	491.01	0.59	ppb
Lithium	6-1				96		%
Magnesium	24-2	51999.60	52761.98	52600.15	52453.91	0.77	ppb

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	PB125714BS	Instrumnet Name :	P7
Client Sample ID :	PB125714BS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 21:07:18	DataFile Name :	038LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	993.81	1008.35	1013.28	1005.14	1.01	ppb
Molybdenum	94-1	2472.04	2478.40	2469.26	2473.23	0.19	ppb
Molybdenum	95-1	2472.70	2497.78	2468.94	2479.80	0.63	ppb
Molybdenum	96-1	2467.33	2494.93	2457.62	2473.29	0.78	ppb
Molybdenum	97-1	2486.14	2497.31	2442.02	2475.16	1.18	ppb
Molybdenum	98-1	2496.92	2517.94	2466.87	2493.91	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.68	510.92	504.72	506.77	0.71	ppb
Phosphorus	31-2	9897.74	10318.66	9859.81	10025.40	2.54	ppb
Potassium	39-2	25795.07	25893.97	25644.17	25777.74	0.49	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	77-2	524.19	516.48	514.34	518.34	1.00	ppb
Selenium	78-2	495.30	502.13	511.04	502.82	1.57	ppb
Selenium	82-1	495.00	507.18	497.46	499.88	1.29	ppb
Silicon	28-1	523.64	527.07	525.64	525.45	0.33	ppb
Silver	109-1	504.15	506.97	502.34	504.48	0.46	ppb
Silver	107-1	506.58	492.38	504.24	501.07	1.52	ppb
Sodium	23-2	51759.23	51800.29	52164.10	51907.87	0.43	ppb
Strontium	86-1	485.87	492.79	490.11	489.59	0.71	ppb
Strontium	88-1	497.47	498.95	500.89	499.10	0.34	ppb
Sulfur	34-1	9278.77	9093.22	8782.22	9051.40	2.77	ppb
Terbium	159-1				107		%
Terbium	159-2				109		%
Thallium	203-1	483.46	485.25	489.63	486.11	0.65	ppb
Thallium	205-1	496.35	495.81	493.08	495.08	0.35	ppb
Thorium	232-1	482.72	478.98	484.85	482.18	0.62	ppb
Tin	118-1	500.86	494.37	500.09	498.44	0.71	ppb
Titanium	47-1	2419.03	2464.93	2421.47	2435.14	1.06	ppb
Uranium	238-1	483.16	482.30	487.24	484.23	0.55	ppb
Vanadium	51-2	498.20	508.72	506.29	504.40	1.09	ppb
Yttrium	89-1				106		%
Yttrium	89-2				108		%

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	PB125714BS	Instrumnet Name :	P7
Client Sample ID :	PB125714BS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 21:07:18	DataFile Name :	038LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	970.51	982.74	978.70	977.32	0.64	ppb
Zirconium	90-1	496.76	494.48	492.88	494.71	0.39	ppb
Zirconium	91-1	485.39	490.68	489.56	488.54	0.57	ppb

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P7
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 21:16:38	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52472.59	52792.69	51740.70	52335.33	1.03	ppb
Antimony	121-1	493.62	486.89	491.37	490.63	0.70	ppb
Arsenic	75-2	487.97	483.15	492.81	487.98	0.99	ppb
Barium	135-1	2558.74	2532.72	2576.24	2555.90	0.86	ppb
Barium	137-1	2567.17	2540.64	2571.27	2559.70	0.65	ppb
Beryllium	9-1	501.70	496.44	501.02	499.72	0.57	ppb
Bismuth	209-1				92		%
Bismuth	209-2				92		%
Boron	10-1	501.73	494.18	508.59	501.50	1.44	ppb
Boron	11-1	500.19	496.00	509.87	502.02	1.42	ppb
Cadmium	111-1	491.83	480.54	487.16	486.51	1.17	ppb
Cadmium	106-1	486.04	491.04	493.31	490.13	0.76	ppb
Cadmium	108-1	487.59	484.20	490.31	487.37	0.63	ppb
Calcium	43-1	250655.35	250255.30	244871.04	248593.90	1.30	ppb
Calcium	44-1	249044.34	246445.78	248147.16	247879.09	0.53	ppb
Chromium	52-2	514.12	520.02	505.35	513.16	1.44	ppb
Cobalt	59-2	490.68	503.05	489.26	494.33	1.53	ppb
Copper	63-2	1060.98	1081.45	1039.75	1060.73	1.97	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				104		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	125355.11	126750.70	123200.35	125102.05	1.43	ppb
Iron	57-2	125289.15	126155.50	123104.01	124849.55	1.26	ppb
Krypton	83-1						cps
Lead	206-1	518.65	520.13	518.69	519.16	0.16	ppb
Lead	207-1	520.31	518.02	517.39	518.57	0.30	ppb
Lead	208-1	519.33	519.95	521.32	520.20	0.20	ppb
Lithium	6-1				93		%
Magnesium	24-2	257679.98	259404.60	254513.48	257199.35	0.96	ppb

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P7
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 21:16:38	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1005.66	1018.80	991.22	1005.23	1.37	ppb
Molybdenum	94-1	2553.85	2513.62	2570.84	2546.10	1.15	ppb
Molybdenum	95-1	2534.60	2521.00	2575.59	2543.73	1.12	ppb
Molybdenum	96-1	2556.23	2540.76	2558.17	2551.72	0.37	ppb
Molybdenum	97-1	2560.10	2527.44	2548.40	2545.31	0.65	ppb
Molybdenum	98-1	2590.58	2504.29	2566.72	2553.87	1.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.95	512.79	495.81	502.85	1.76	ppb
Phosphorus	31-2	9958.99	10118.74	9968.41	10015.38	0.90	ppb
Potassium	39-2	128968.36	129833.15	128238.54	129013.35	0.62	ppb
Rhodium	103-1				92		%
Rhodium	103-2				92		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	77-2	509.30	492.54	482.66	494.83	2.72	ppb
Selenium	78-2	469.56	451.68	469.42	463.55	2.22	ppb
Selenium	82-1	465.27	464.08	464.86	464.74	0.13	ppb
Silicon	28-1	517.39	512.57	512.54	514.17	0.54	ppb
Silver	109-1	496.75	483.28	493.88	491.30	1.44	ppb
Silver	107-1	498.27	492.83	496.75	495.95	0.57	ppb
Sodium	23-2	258032.25	256577.65	252109.82	255573.24	1.21	ppb
Strontium	86-1	508.47	497.37	507.60	504.48	1.22	ppb
Strontium	88-1	513.65	503.67	508.02	508.44	0.98	ppb
Sulfur	34-1	9829.55	9404.86	9220.74	9485.05	3.29	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	521.77	513.36	518.49	517.87	0.82	ppb
Thallium	205-1	526.97	523.83	519.31	523.37	0.74	ppb
Thorium	232-1	535.47	545.51	535.27	538.75	1.09	ppb
Tin	118-1	500.84	499.00	500.31	500.05	0.19	ppb
Titanium	47-1	2528.05	2471.81	2505.17	2501.68	1.13	ppb
Uranium	238-1	534.23	540.57	539.98	538.26	0.65	ppb
Vanadium	51-2	512.13	517.27	504.68	511.36	1.24	ppb
Yttrium	89-1				101		%
Yttrium	89-2				104		%

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P7
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 21:16:38	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1024.41	1046.56	1012.54	1027.84	1.68	ppb
Zirconium	90-1	512.68	513.72	520.29	515.56	0.80	ppb
Zirconium	91-1	510.99	504.50	506.93	507.47	0.65	ppb

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : CCB10 Instrumnet Name : P7
 Client Sample ID : CCB10 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 21:26:06 DataFile Name : 041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.40	0.17	-0.16	-0.13		ppb
Antimony	121-1	0.22	0.20	0.24	0.22	8.62	ppb
Arsenic	75-2	-0.01	-0.03	-0.03	-0.02		ppb
Barium	135-1	0.00	-0.01	0.02	0.00	1251.11	ppb
Barium	137-1	-0.01	-0.02	0.00	-0.01		ppb
Beryllium	9-1	0.01	0.02	0.03	0.02	50.29	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Boron	10-1	7.00	6.90	5.92	6.61	9.07	ppb
Boron	11-1	6.49	6.10	6.21	6.27	3.17	ppb
Cadmium	111-1	-0.08	-0.17	-0.12	-0.12		ppb
Cadmium	106-1	-1.12	-2.38	-1.57	-1.69		ppb
Cadmium	108-1	0.09	0.02	0.02	0.04	95.79	ppb
Calcium	43-1	-2.22	-1.32	-3.79	-2.44		ppb
Calcium	44-1	-5.22	-4.24	-4.59	-4.68		ppb
Chromium	52-2	-0.03	-0.04	0.03	-0.01		ppb
Cobalt	59-2	-0.03	-0.04	-0.03	-0.03		ppb
Copper	63-2	-0.26	-0.26	-0.22	-0.25		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				110		%
Indium	115-1				109		%
Indium	115-2				110		%
Iron	56-2	-0.40	-0.26	-0.36	-0.34		ppb
Iron	57-2	-0.65	-0.60	-0.32	-0.52		ppb
Krypton	83-1						cps
Lead	206-1	-0.02	-0.03	-0.02	-0.02		ppb
Lead	207-1	-0.03	-0.01	-0.04	-0.03		ppb
Lead	208-1	-0.02	-0.02	-0.02	-0.02		ppb
Lithium	6-1				104		%
Magnesium	24-2	-0.15	0.22	-0.08	0.00		ppb

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P7
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 21:26:06	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.14	-0.14	-0.15	-0.14		ppb
Molybdenum	94-1	0.08	0.09	0.08	0.08	10.60	ppb
Molybdenum	95-1	0.05	0.06	0.07	0.06	22.82	ppb
Molybdenum	96-1	0.08	0.04	0.05	0.05	34.87	ppb
Molybdenum	97-1	0.07	0.09	0.10	0.09	18.43	ppb
Molybdenum	98-1	0.06	0.08	0.06	0.06	19.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.26	-0.28	-0.27	-0.27		ppb
Phosphorus	31-2	-39.15	-29.97	-45.15	-38.09		ppb
Potassium	39-2	11.24	17.12	11.24	13.20	25.72	ppb
Rhodium	103-1				107		%
Rhodium	103-2				109		%
Scandium	45-1				111		%
Scandium	45-2				114		%
Selenium	77-2	0.24	-0.15	-0.15	-0.02		ppb
Selenium	78-2	-0.15	0.89	0.17	0.30	176.05	ppb
Selenium	82-1	0.26	-0.03	0.28	0.17	104.21	ppb
Silicon	28-1	-2.69	-3.11	-2.79	-2.86		ppb
Silver	109-1	0.00	0.00	0.01	0.00	99.10	ppb
Silver	107-1	0.00	0.00	0.01	0.00	42.14	ppb
Sodium	23-2	11.15	8.66	7.20	9.01	22.16	ppb
Strontium	86-1	-0.02	-0.01	-0.06	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-675.14	-876.29	-865.77	-805.73		ppb
Terbium	159-1				108		%
Terbium	159-2				111		%
Thallium	203-1	0.02	0.02	0.01	0.02	40.11	ppb
Thallium	205-1	0.02	0.02	0.03	0.02	12.30	ppb
Thorium	232-1	0.03	0.04	0.04	0.03	12.97	ppb
Tin	118-1	0.07	0.09	0.09	0.08	16.17	ppb
Titanium	47-1	0.01	0.00	-0.06	-0.02		ppb
Uranium	238-1	-0.01	-0.02	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				110		%
Yttrium	89-2				111		%

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P7
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 21:26:06	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.89	0.76	0.79	0.82	8.34	ppb
Zirconium	90-1	0.02	0.03	0.04	0.03	42.89	ppb
Zirconium	91-1	0.01	0.05	0.02	0.03	58.74	ppb

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 18:07:10 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	50	67	58	14.29	cps
Antimony	121-1	100	158	125	128	22.90	cps
Arsenic	75-2	19	11	13	14	27.17	cps
Barium	135-1	75	133	100	103	28.48	cps
Barium	137-1	150	175	133	153	13.73	cps
Beryllium	9-1	128	111	67	102	31.01	cps
Bismuth	209-1	10707175	10627233	10507244	10613884	0.95	cps
Bismuth	209-2	5052251	5070653	5191587	5104830	1.48	cps
Boron	10-1	283	383	275	314	19.21	cps
Boron	11-1	1558	1650	1583	1597	2.97	cps
Cadmium	111-1	4329	3839	4068	4079	6.00	cps
Cadmium	106-1	6135	5460	5776	5790	5.84	cps
Cadmium	108-1	17	17	13	15	15.76	cps
Calcium	43-1	325	417	317	353	15.73	cps
Calcium	44-1	10262	10854	11230	10782	4.52	cps
Chromium	52-2	923	1063	990	992	7.06	cps
Cobalt	59-2	243	207	247	232	9.56	cps
Copper	63-2	1600	1503	1507	1537	3.57	cps
Dysprosium	156-1	92	183	108	128	38.21	cps
Dysprosium	156-2	33	37	27	32	15.80	cps
Erbium	164-1	75	108	42	75	44.44	cps
Erbium	164-2	77	50	43	57	31.13	cps
Gadolinium	160-1	100	92	42	78	40.56	cps
Gadolinium	160-2	270	223	197	230	16.14	cps
Holmium	165-1	16493056	16576892	16491588	16520512	0.30	cps
Holmium	165-2	6998778	6904686	7004596	6969353	0.80	cps
Indium	115-1	12755785	12605810	12724938	12695511	0.62	cps
Indium	115-2	1987149	2002809	2026822	2005593	1.00	cps
Iron	56-2	6563	6768	6140	6490	4.93	cps
Iron	57-2	322	256	244	274	15.35	cps
Krypton	83-1	647	630	663	647	2.58	cps
Lead	206-1	1267	1295	1300	1287	1.39	cps
Lead	207-1	1145	1206	1306	1219	6.68	cps
Lead	208-1	4662	4717	4645	4675	0.81	cps
Lithium	6-1	4371773	4322751	4318942	4337822	0.68	cps
Magnesium	24-2	292	267	325	294	9.94	cps

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 18:07:10 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	233	310	360	301	21.19	cps
Molybdenum	94-1	367	317	458	381	18.88	cps
Molybdenum	95-1	125	150	150	142	10.19	cps
Molybdenum	96-1	292	300	308	300	2.78	cps
Molybdenum	97-1	67	75	117	86	31.11	cps
Molybdenum	98-1	317	275	217	269	18.64	cps
Neodymium	150-1	20	33	33	29	26.64	cps
Neodymium	150-2	13	7	3	8	65.47	cps
Nickel	60-2	430	447	393	423	6.44	cps
Phosphorus	31-2	183	142	100	142	29.41	cps
Potassium	39-2	18946	18646	19305	18966	1.74	cps
Rhodium	103-1	11734449	11649061	11448044	11610518	1.27	cps
Rhodium	103-2	4843682	4860648	4922591	4875640	0.85	cps
Scandium	45-1	7926244	7878883	7715624	7840251	1.41	cps
Scandium	45-2	301483	302995	306258	303579	0.80	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	39	54	33	42	25.09	cps
Selenium	82-1	-37	8	-42	-24	-117.46	cps
Silicon	28-1	165328	163627	164890	164615	0.54	cps
Silver	109-1	100	42	158	100	58.33	cps
Silver	107-1	158	217	133	169	25.24	cps
Sodium	23-2	18420	18003	18587	18337	1.64	cps
Strontium	86-1	967	1083	1075	1042	6.25	cps
Strontium	88-1	283	333	342	319	9.88	cps
Sulfur	34-1	462359	453498	449890	455249	1.41	cps
Terbium	159-1	17111608	16862605	16706919	16893710	1.21	cps
Terbium	159-2	6748239	6658157	6807386	6737928	1.12	cps
Thallium	203-1	783	700	675	719	7.88	cps
Thallium	205-1	1067	1108	1042	1072	3.14	cps
Thorium	232-1	2573	2278	2489	2447	6.21	cps
Tin	118-1	642	775	575	664	15.34	cps
Titanium	47-1	100	133	92	108	20.35	cps
Uranium	238-1	3100	2684	2892	2892	7.20	cps
Vanadium	51-2	3	20	10	11	75.52	cps
Yttrium	89-1	13100931	12814954	12887118	12934334	1.15	cps
Yttrium	89-2	1502771	1472591	1520496	1498619	1.62	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 18:07:10	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	333	370	377	360	6.48	cps
Zirconium	90-1	642	817	833	764	13.90	cps
Zirconium	91-1	158	142	175	158	10.52	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 18:10:49	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1834	1800	2025	1886	6.44	cps
Antimony	121-1	19306	18772	19356	19144	1.69	cps
Arsenic	75-2	330	287	263	293	11.51	cps
Barium	135-1	23254	23053	22853	23053	0.87	cps
Barium	137-1	40945	41296	40920	41054	0.51	cps
Beryllium	9-1	2489	2506	2645	2547	3.35	cps
Bismuth	209-1	10443622	10597900	10404470	10481997	0.98	cps
Bismuth	209-2	5200206	5136665	5097944	5144938	1.00	cps
Boron	10-1	10654	10512	10829	10665	1.49	cps
Boron	11-1	48654	51138	51288	50360	2.94	cps
Cadmium	111-1	7149	6968	6931	7016	1.66	cps
Cadmium	106-1	6277	5751	6177	6068	4.60	cps
Cadmium	108-1	225	221	233	226	2.81	cps
Calcium	43-1	14975	16101	15342	15473	3.71	cps
Calcium	44-1	254668	252182	249485	252111	1.03	cps
Chromium	52-2	6388	6385	6061	6278	2.99	cps
Cobalt	59-2	4858	4748	4981	4862	2.40	cps
Copper	63-2	8029	7919	8109	8019	1.19	cps
Dysprosium	156-1	192	108	125	142	31.13	cps
Dysprosium	156-2	20	30	23	24	20.83	cps
Erbium	164-1	100	75	117	97	21.57	cps
Erbium	164-2	47	70	50	56	22.71	cps
Gadolinium	160-1	42	133	92	89	51.63	cps
Gadolinium	160-2	290	240	207	246	17.08	cps
Holmium	165-1	16678032	16544553	16550798	16591128	0.45	cps
Holmium	165-2	7110627	7058422	6981611	7050220	0.92	cps
Indium	115-1	12678859	12835312	12583560	12699244	1.00	cps
Indium	115-2	2103527	2057842	2061293	2074221	1.23	cps
Iron	56-2	128844	126989	125611	127148	1.28	cps
Iron	57-2	3350	3517	3417	3428	2.45	cps
Krypton	83-1	607	603	643	618	3.59	cps
Lead	206-1	9087	9270	8831	9063	2.43	cps
Lead	207-1	7908	8147	8169	8075	1.79	cps
Lead	208-1	36777	36415	35530	36241	1.77	cps
Lithium	6-1	4328829	4360726	4333748	4341101	0.40	cps
Magnesium	24-2	122018	120918	117432	120123	1.99	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 18:10:49	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1930	1974	2027	1977	2.45	cps
Molybdenum	94-1	19289	19848	18888	19342	2.49	cps
Molybdenum	95-1	24021	23912	24322	24085	0.88	cps
Molybdenum	96-1	27335	27135	27002	27157	0.62	cps
Molybdenum	97-1	15234	15659	14683	15192	3.22	cps
Molybdenum	98-1	39122	40149	39639	39637	1.30	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	3	10	10	8	49.52	cps
Nickel	60-2	1670	1700	1597	1656	3.21	cps
Phosphorus	31-2	483	442	467	464	4.52	cps
Potassium	39-2	115648	114322	112945	114305	1.18	cps
Rhodium	103-1	11511097	11571744	11460985	11514609	0.48	cps
Rhodium	103-2	5002161	4901629	4927947	4943912	1.05	cps
Scandium	45-1	7853931	7933247	7869642	7885607	0.53	cps
Scandium	45-2	313951	310702	310193	311616	0.65	cps
Selenium	77-2	47	30	43	40	22.05	cps
Selenium	78-2	202	200	169	190	9.85	cps
Selenium	82-1	1258	1203	1046	1169	9.42	cps
Silicon	28-1	225718	225917	226719	226118	0.23	cps
Silver	109-1	14274	13374	14024	13891	3.35	cps
Silver	107-1	14425	14858	14800	14694	1.60	cps
Sodium	23-2	244857	239198	239444	241166	1.33	cps
Strontium	86-1	3884	4276	4084	4081	4.80	cps
Strontium	88-1	26968	28663	25649	27093	5.58	cps
Sulfur	34-1	463502	465492	460349	463114	0.56	cps
Terbium	159-1	16778060	16900191	16632597	16770283	0.80	cps
Terbium	159-2	6791321	6725104	6716427	6744284	0.61	cps
Thallium	203-1	10371	10438	10346	10385	0.46	cps
Thallium	205-1	23722	24557	23088	23789	3.10	cps
Thorium	232-1	31522	31338	30102	30987	2.49	cps
Tin	118-1	43477	43460	41889	42942	2.12	cps
Titanium	47-1	7127	6994	7185	7102	1.38	cps
Uranium	238-1	36837	35600	36603	36346	1.81	cps
Vanadium	51-2	10974	11088	11094	11052	0.61	cps
Yttrium	89-1	12835388	13005951	12713836	12851725	1.14	cps
Yttrium	89-2	1543230	1514164	1522670	1526688	0.98	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 18:10:49	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1287	1410	1473	1390	6.83	cps
Zirconium	90-1	15008	14049	14032	14363	3.89	cps
Zirconium	91-1	3467	3367	3109	3314	5.58	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 18:15:38	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	95403	93776	93685	94288	1.03	cps
Antimony	121-1	491306	498153	493363	494274	0.71	cps
Arsenic	75-2	14428	14635	14622	14562	0.80	cps
Barium	135-1	596359	599568	590241	595389	0.80	cps
Barium	137-1	1024083	1042984	1018583	1028550	1.24	cps
Beryllium	9-1	124607	123156	125173	124312	0.84	cps
Bismuth	209-1	10631699	10752501	10722204	10702135	0.59	cps
Bismuth	209-2	5222193	5160506	5120549	5167749	0.99	cps
Boron	10-1	21541	21424	22100	21688	1.67	cps
Boron	11-1	101246	102656	100584	101495	1.04	cps
Cadmium	111-1	154253	150808	153734	152931	1.21	cps
Cadmium	106-1	23629	23354	22861	23281	1.67	cps
Cadmium	108-1	11430	11855	11396	11560	2.21	cps
Calcium	43-1	160976	157379	161584	159980	1.42	cps
Calcium	44-1	2564329	2575150	2569472	2569650	0.21	cps
Chromium	52-2	137105	136801	136873	136926	0.12	cps
Cobalt	59-2	230984	231609	231529	231374	0.15	cps
Copper	63-2	327639	327138	324865	326547	0.45	cps
Dysprosium	156-1	167	108	167	147	22.88	cps
Dysprosium	156-2	20	30	37	29	29.04	cps
Erbium	164-1	150	83	42	92	59.61	cps
Erbium	164-2	40	67	70	59	27.92	cps
Gadolinium	160-1	83	133	100	106	24.12	cps
Gadolinium	160-2	270	230	257	252	8.07	cps
Holmium	165-1	16918706	16800904	16633795	16784468	0.85	cps
Holmium	165-2	7156366	7138001	7042195	7112187	0.86	cps
Indium	115-1	12935785	12773477	12900239	12869834	0.66	cps
Indium	115-2	2082767	2063352	2063844	2069988	0.53	cps
Iron	56-2	5826469	5718414	5797333	5780739	0.97	cps
Iron	57-2	145240	144404	144011	144552	0.43	cps
Krypton	83-1	600	657	653	637	4.99	cps
Lead	206-1	409334	423504	415073	415970	1.71	cps
Lead	207-1	367420	376934	368251	370868	1.42	cps
Lead	208-1	1665491	1704691	1681677	1683953	1.17	cps
Lithium	6-1	4393721	4375499	4349369	4372863	0.51	cps
Magnesium	24-2	1160382	1159555	1158133	1159357	0.10	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 18:15:38	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	159888	156661	158077	158209	1.02	cps
Molybdenum	94-1	998484	995537	988637	994220	0.51	cps
Molybdenum	95-1	1207231	1213959	1199823	1207004	0.59	cps
Molybdenum	96-1	1369315	1334697	1338202	1347405	1.41	cps
Molybdenum	97-1	763235	764104	751796	759711	0.90	cps
Molybdenum	98-1	1954062	1962225	1932037	1949441	0.80	cps
Neodymium	150-1	73	60	40	58	29.04	cps
Neodymium	150-2	3	10	3	6	69.34	cps
Nickel	60-2	60806	61870	61398	61358	0.87	cps
Phosphorus	31-2	5435	5143	5385	5321	2.93	cps
Potassium	39-2	489275	497627	489449	492117	0.97	cps
Rhodium	103-1	11771227	11863732	11680659	11771873	0.78	cps
Rhodium	103-2	4994494	4926125	4958729	4959782	0.69	cps
Scandium	45-1	8035034	8027887	8035669	8032864	0.05	cps
Scandium	45-2	314290	310161	310085	311512	0.77	cps
Selenium	77-2	413	447	477	446	7.11	cps
Selenium	78-2	1313	1456	1420	1396	5.32	cps
Selenium	82-1	11133	11414	11175	11241	1.35	cps
Silicon	28-1	528624	533074	532861	531520	0.47	cps
Silver	109-1	645067	642052	635502	640873	0.76	cps
Silver	107-1	668711	668570	665011	667431	0.31	cps
Sodium	23-2	2231965	2244537	2226093	2234198	0.42	cps
Strontium	86-1	159917	159106	159190	159404	0.28	cps
Strontium	88-1	1367166	1385395	1373331	1375298	0.67	cps
Sulfur	34-1	516184	513571	512222	513992	0.39	cps
Terbium	159-1	17095709	16983070	16983567	17020782	0.38	cps
Terbium	159-2	6886574	6860764	6834464	6860601	0.38	cps
Thallium	203-1	502690	510627	506770	506696	0.78	cps
Thallium	205-1	1192665	1209946	1202310	1201641	0.72	cps
Thorium	232-1	1725327	1734662	1721617	1727202	0.39	cps
Tin	118-1	418369	421533	422056	420653	0.47	cps
Titanium	47-1	341388	340539	345962	342629	0.85	cps
Uranium	238-1	1743165	1761655	1746670	1750497	0.56	cps
Vanadium	51-2	107334	108623	108029	107995	0.60	cps
Yttrium	89-1	13203465	13280291	13129752	13204503	0.57	cps
Yttrium	89-2	1543817	1544113	1536633	1541521	0.27	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 18:15:38	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	50052	50253	50337	50214	0.29	cps
Zirconium	90-1	819270	827183	832429	826294	0.80	cps
Zirconium	91-1	184730	184527	189338	186199	1.46	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 18:19:59	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	236308	232845	231153	233435	1.13	cps
Antimony	121-1	1264815	1254012	1241317	1253381	0.94	cps
Arsenic	75-2	36245	35670	36074	35996	0.82	cps
Barium	135-1	1492547	1486808	1485407	1488254	0.25	cps
Barium	137-1	2610042	2552875	2580354	2581090	1.11	cps
Beryllium	9-1	306217	303695	303258	304390	0.52	cps
Bismuth	209-1	10624656	10651136	10446925	10574239	1.05	cps
Bismuth	209-2	5149728	5150030	5187906	5162555	0.43	cps
Boron	10-1	52192	52233	53763	52729	1.70	cps
Boron	11-1	244897	245985	252301	247728	1.61	cps
Cadmium	111-1	377267	372672	373840	374593	0.64	cps
Cadmium	106-1	47640	47264	46418	47107	1.33	cps
Cadmium	108-1	28425	28780	28496	28567	0.66	cps
Calcium	43-1	398070	393171	389368	393536	1.11	cps
Calcium	44-1	6408294	6291450	6251875	6317206	1.29	cps
Chromium	52-2	340370	338691	337195	338752	0.47	cps
Cobalt	59-2	565060	568397	562877	565445	0.49	cps
Copper	63-2	799152	808550	801006	802902	0.62	cps
Dysprosium	156-1	108	142	100	117	18.89	cps
Dysprosium	156-2	33	73	53	53	37.50	cps
Erbium	164-1	75	158	92	108	40.71	cps
Erbium	164-2	77	83	77	79	4.87	cps
Gadolinium	160-1	92	83	117	97	17.84	cps
Gadolinium	160-2	243	250	263	252	4.04	cps
Holmium	165-1	16878531	16958205	16956807	16931181	0.27	cps
Holmium	165-2	7184121	7137263	7168761	7163382	0.33	cps
Indium	115-1	12863853	12809951	12656295	12776699	0.84	cps
Indium	115-2	2034891	2052448	2062960	2050100	0.69	cps
Iron	56-2	14360779	14475854	14275352	14370662	0.70	cps
Iron	57-2	355871	361172	359908	358984	0.77	cps
Krypton	83-1	643	653	647	648	0.79	cps
Lead	206-1	1045255	1027332	1035963	1036183	0.87	cps
Lead	207-1	925456	934747	921274	927159	0.74	cps
Lead	208-1	4219483	4221885	4186083	4209150	0.48	cps
Lithium	6-1	4248824	4234237	4227770	4236944	0.25	cps
Magnesium	24-2	2872208	2880887	2878001	2877032	0.15	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 18:19:59	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	396856	396316	392078	395083	0.66	cps
Molybdenum	94-1	2507115	2479468	2491999	2492861	0.56	cps
Molybdenum	95-1	3087755	3012060	3054198	3051337	1.24	cps
Molybdenum	96-1	3394521	3333682	3391116	3373106	1.01	cps
Molybdenum	97-1	1897494	1869319	1917223	1894679	1.27	cps
Molybdenum	98-1	4859670	4834457	4862467	4852198	0.32	cps
Neodymium	150-1	200	173	120	164	24.77	cps
Neodymium	150-2	3	30	23	19	73.49	cps
Nickel	60-2	150214	151440	150365	150673	0.44	cps
Phosphorus	31-2	12698	13398	13532	13209	3.39	cps
Potassium	39-2	1193988	1200906	1179488	1191461	0.92	cps
Rhodium	103-1	11611523	11445094	11398986	11485201	0.97	cps
Rhodium	103-2	4901489	4919460	4946598	4922516	0.46	cps
Scandium	45-1	8019647	7868188	7821219	7903018	1.31	cps
Scandium	45-2	307339	307994	304848	306727	0.54	cps
Selenium	77-2	997	923	1087	1002	8.16	cps
Selenium	78-2	3439	3476	3443	3453	0.59	cps
Selenium	82-1	28671	28413	28599	28561	0.47	cps
Silicon	28-1	1080255	1084089	1083629	1082657	0.19	cps
Silver	109-1	1617768	1612797	1600949	1610505	0.54	cps
Silver	107-1	1658056	1649363	1667588	1658335	0.55	cps
Sodium	23-2	5487027	5442488	5475538	5468351	0.42	cps
Strontium	86-1	397005	396504	396498	396669	0.07	cps
Strontium	88-1	3451688	3417328	3478415	3449144	0.89	cps
Sulfur	34-1	600854	601160	597171	599728	0.37	cps
Terbium	159-1	17091626	17072740	17101024	17088463	0.08	cps
Terbium	159-2	6964115	6949463	6956394	6956658	0.11	cps
Thallium	203-1	1293154	1271967	1262902	1276008	1.22	cps
Thallium	205-1	3041192	2991753	2990478	3007807	0.96	cps
Thorium	232-1	4415388	4412285	4399355	4409009	0.19	cps
Tin	118-1	1066342	1059366	1056435	1060715	0.48	cps
Titanium	47-1	845551	841887	859468	848969	1.09	cps
Uranium	238-1	4360152	4395879	4395262	4383764	0.47	cps
Vanadium	51-2	267017	271109	267391	268505	0.84	cps
Yttrium	89-1	13026634	12895804	13074006	12998815	0.71	cps
Yttrium	89-2	1517467	1535331	1535794	1529531	0.68	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 18:19:59	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	123998	125750	121911	123886	1.55	cps
Zirconium	90-1	2075897	2078197	2089501	2081198	0.35	cps
Zirconium	91-1	463565	466114	467193	465624	0.40	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 18:23:54	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	446453	443157	438373	442661	0.92	cps
Antimony	121-1	2477626	2499285	2469166	2482026	0.63	cps
Arsenic	75-2	68250	68497	68274	68340	0.20	cps
Barium	135-1	2955728	2981704	2962401	2966611	0.45	cps
Barium	137-1	5063763	5103975	5078547	5082095	0.40	cps
Beryllium	9-1	580651	582931	573392	578992	0.86	cps
Bismuth	209-1	10645634	10525598	10504088	10558440	0.72	cps
Bismuth	209-2	5003768	4990056	4933458	4975761	0.75	cps
Boron	10-1	98796	101016	101943	100585	1.61	cps
Boron	11-1	463732	465629	483312	470891	2.29	cps
Cadmium	111-1	721947	724827	720142	722305	0.33	cps
Cadmium	106-1	85709	89650	86254	87204	2.45	cps
Cadmium	108-1	55726	55174	55333	55411	0.51	cps
Calcium	43-1	760081	757445	773262	763596	1.11	cps
Calcium	44-1	12223711	12175423	12305659	12234931	0.54	cps
Chromium	52-2	645553	640915	646468	644312	0.46	cps
Cobalt	59-2	1075330	1073782	1074932	1074681	0.07	cps
Copper	63-2	1502025	1492371	1515648	1503348	0.78	cps
Dysprosium	156-1	258	117	208	194	36.95	cps
Dysprosium	156-2	93	70	97	87	16.77	cps
Erbium	164-1	100	125	75	100	25.00	cps
Erbium	164-2	73	43	53	57	26.97	cps
Gadolinium	160-1	108	92	83	94	13.48	cps
Gadolinium	160-2	210	280	253	248	14.26	cps
Holmium	165-1	17079774	17018898	16562388	16887020	1.67	cps
Holmium	165-2	7045636	7046015	6950293	7013981	0.79	cps
Indium	115-1	12620658	12503397	12444034	12522696	0.72	cps
Indium	115-2	1987346	1973306	1942235	1967629	1.17	cps
Iron	56-2	27505726	27696690	27140618	27447678	1.03	cps
Iron	57-2	685260	684212	682944	684139	0.17	cps
Krypton	83-1	630	597	620	616	2.78	cps
Lead	206-1	2063934	2094934	2077585	2078817	0.75	cps
Lead	207-1	1850371	1854451	1829055	1844626	0.74	cps
Lead	208-1	8367261	8452918	8317568	8379249	0.82	cps
Lithium	6-1	4097820	4101886	4059103	4086270	0.58	cps
Magnesium	24-2	5419946	5430360	5354923	5401743	0.76	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 18:23:54	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	747796	748141	748958	748298	0.08	cps
Molybdenum	94-1	4892245	4886156	4812426	4863609	0.91	cps
Molybdenum	95-1	5939501	5908581	5788670	5878917	1.36	cps
Molybdenum	96-1	6556777	6637690	6530222	6574896	0.85	cps
Molybdenum	97-1	3709726	3763676	3643604	3705669	1.62	cps
Molybdenum	98-1	9412133	9527764	9288157	9409352	1.27	cps
Neodymium	150-1	233	333	280	282	17.73	cps
Neodymium	150-2	17	27	37	27	37.50	cps
Nickel	60-2	283671	282564	283132	283122	0.20	cps
Phosphorus	31-2	25297	24772	25323	25130	1.24	cps
Potassium	39-2	2247519	2232580	2253372	2244490	0.48	cps
Rhodium	103-1	11148993	11242711	11022971	11138225	0.99	cps
Rhodium	103-2	4717178	4694728	4662122	4691343	0.59	cps
Scandium	45-1	7763485	7696273	7738904	7732888	0.44	cps
Scandium	45-2	297590	296207	293949	295915	0.62	cps
Selenium	77-2	1984	1863	1950	1932	3.21	cps
Selenium	78-2	6791	6594	6729	6705	1.50	cps
Selenium	82-1	55402	55661	54963	55342	0.64	cps
Silicon	28-1	1930504	1933770	1956189	1940154	0.72	cps
Silver	109-1	3108941	3085940	3109820	3101567	0.44	cps
Silver	107-1	3224931	3298991	3234009	3252644	1.24	cps
Sodium	23-2	10454834	10432170	10281464	10389489	0.91	cps
Strontium	86-1	758194	771908	773592	767898	1.10	cps
Strontium	88-1	6623414	6601634	6633258	6619435	0.24	cps
Sulfur	34-1	719608	716261	706088	713986	0.99	cps
Terbium	159-1	17117289	17006841	16995294	17039808	0.40	cps
Terbium	159-2	6827378	6804886	6739115	6790460	0.68	cps
Thallium	203-1	2523380	2568146	2503602	2531709	1.31	cps
Thallium	205-1	5986696	6071710	5974559	6010989	0.88	cps
Thorium	232-1	8829433	8765468	8764575	8786492	0.42	cps
Tin	118-1	2094846	2103979	2097372	2098732	0.22	cps
Titanium	47-1	1626718	1634813	1635424	1632319	0.30	cps
Uranium	238-1	8694890	8772524	8693780	8720398	0.52	cps
Vanadium	51-2	511663	514243	509595	511834	0.46	cps
Yttrium	89-1	12812889	12754440	12700512	12755947	0.44	cps
Yttrium	89-2	1483929	1485666	1453557	1474384	1.22	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 18:23:54	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	234163	235920	232983	234356	0.63	cps
Zirconium	90-1	4113456	4075443	4081237	4090045	0.50	cps
Zirconium	91-1	924074	909370	914141	915861	0.82	cps

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 18:27:47 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	860981	878048	859633	866221	1.19	cps
Antimony	121-1	4766800	4791151	4807153	4788368	0.42	cps
Arsenic	75-2	133506	135876	132826	134069	1.19	cps
Barium	135-1	5716676	5684648	5749765	5717030	0.57	cps
Barium	137-1	9803553	9759446	9798916	9787305	0.25	cps
Beryllium	9-1	1081949	1079718	1071481	1077716	0.51	cps
Bismuth	209-1	10284088	10321794	10340942	10315608	0.28	cps
Bismuth	209-2	4856168	4935490	4940112	4910590	0.96	cps
Boron	10-1	193176	195027	193670	193958	0.49	cps
Boron	11-1	879643	909832	908944	899473	1.91	cps
Cadmium	111-1	1379261	1361991	1392167	1377806	1.10	cps
Cadmium	106-1	156684	158564	163358	159535	2.16	cps
Cadmium	108-1	104448	103908	103517	103958	0.45	cps
Calcium	43-1	1456440	1462716	1446313	1455156	0.57	cps
Calcium	44-1	23610783	23527544	23268568	23468965	0.76	cps
Chromium	52-2	1258712	1276971	1251000	1262228	1.06	cps
Cobalt	59-2	2085720	2090397	2075198	2083772	0.37	cps
Copper	63-2	2899242	2919280	2893270	2903931	0.47	cps
Dysprosium	156-1	208	167	208	194	12.37	cps
Dysprosium	156-2	137	107	140	128	14.37	cps
Erbium	164-1	92	108	67	89	23.59	cps
Erbium	164-2	30	57	43	43	30.77	cps
Gadolinium	160-1	100	150	100	117	24.75	cps
Gadolinium	160-2	230	267	243	247	7.52	cps
Holmium	165-1	16632949	16982990	16651035	16755658	1.18	cps
Holmium	165-2	7024544	7046578	7042383	7037835	0.17	cps
Indium	115-1	12028592	12090768	12116304	12078555	0.37	cps
Indium	115-2	1943856	1951670	1924000	1939842	0.74	cps
Iron	56-2	53968750	53978422	53290416	53745863	0.73	cps
Iron	57-2	1334040	1342266	1323300	1333202	0.71	cps
Krypton	83-1	620	680	557	619	9.97	cps
Lead	206-1	4053174	4037827	4019274	4036758	0.42	cps
Lead	207-1	3572334	3593081	3603436	3589617	0.44	cps
Lead	208-1	16270089	16350814	16284752	16301885	0.26	cps
Lithium	6-1	3922111	3902441	3902809	3909120	0.29	cps
Magnesium	24-2	10505137	10732421	10632334	10623298	1.07	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 18:27:47	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1462155	1478602	1456976	1465911	0.77	cps
Molybdenum	94-1	9344929	9261929	9396332	9334397	0.73	cps
Molybdenum	95-1	11272109	11359223	11434222	11355184	0.71	cps
Molybdenum	96-1	12776804	12551903	12685831	12671513	0.89	cps
Molybdenum	97-1	7187328	7135902	7100917	7141383	0.61	cps
Molybdenum	98-1	18306223	18330671	18188713	18275202	0.42	cps
Neodymium	150-1	493	540	507	513	4.68	cps
Neodymium	150-2	47	43	40	43	7.70	cps
Nickel	60-2	541325	551973	548667	547322	1.00	cps
Phosphorus	31-2	49166	48873	49115	49051	0.32	cps
Potassium	39-2	4428532	4451445	4428649	4436209	0.30	cps
Rhodium	103-1	10640191	10806447	10712441	10719693	0.78	cps
Rhodium	103-2	4611759	4607068	4573253	4597360	0.46	cps
Scandium	45-1	7297539	7517824	7362559	7392641	1.53	cps
Scandium	45-2	294470	296576	294104	295050	0.45	cps
Selenium	77-2	3641	3777	3644	3687	2.11	cps
Selenium	78-2	12995	12982	12982	12986	0.06	cps
Selenium	82-1	105928	105146	105648	105574	0.37	cps
Silicon	28-1	3433629	3427215	3459979	3440274	0.50	cps
Silver	109-1	5819193	5735497	5812588	5789093	0.80	cps
Silver	107-1	6030360	6074056	6055943	6053453	0.36	cps
Sodium	23-2	20347764	20395286	20339986	20361012	0.15	cps
Strontium	86-1	1496465	1489565	1476253	1487427	0.69	cps
Strontium	88-1	13024475	12956296	12896718	12959163	0.49	cps
Sulfur	34-1	962870	947424	950220	953505	0.86	cps
Terbium	159-1	16933713	17015490	16973431	16974211	0.24	cps
Terbium	159-2	6729126	6872103	6690733	6763988	1.41	cps
Thallium	203-1	4950282	4941405	4912407	4934698	0.40	cps
Thallium	205-1	11717566	11612578	11597306	11642483	0.56	cps
Thorium	232-1	17600846	17447884	17734911	17594547	0.82	cps
Tin	118-1	4022259	4015299	4073762	4037107	0.79	cps
Titanium	47-1	3130025	3165559	3100260	3131948	1.04	cps
Uranium	238-1	17359962	17288995	17389974	17346310	0.30	cps
Vanadium	51-2	1009947	1017318	1014264	1013843	0.37	cps
Yttrium	89-1	12451286	12580076	12404856	12478739	0.73	cps
Yttrium	89-2	1466205	1486864	1461286	1471452	0.92	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 18:27:47	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	446729	456598	449259	450862	1.14	cps
Zirconium	90-1	7906776	7888782	7820212	7871923	0.58	cps
Zirconium	91-1	1767622	1777593	1757096	1767437	0.58	cps

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 18:31:37 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1752612	1783334	1776850	1770932	0.91	cps
Antimony	121-1	9875905	9803909	9798992	9826269	0.44	cps
Arsenic	75-2	272642	276206	273451	274100	0.68	cps
Barium	135-1	11591298	11660078	11756193	11669190	0.71	cps
Barium	137-1	19980538	20114103	20315973	20136872	0.84	cps
Beryllium	9-1	2128095	2129141	2129532	2128922	0.03	cps
Bismuth	209-1	10225293	10307767	10387062	10306707	0.78	cps
Bismuth	209-2	4894017	4961785	4915217	4923673	0.70	cps
Boron	10-1	378455	378537	379425	378806	0.14	cps
Boron	11-1	1778967	1765514	1787411	1777298	0.62	cps
Cadmium	111-1	2921227	2892532	2953465	2922408	1.04	cps
Cadmium	106-1	332471	334542	337911	334975	0.82	cps
Cadmium	108-1	224070	221437	224243	223250	0.70	cps
Calcium	43-1	3020841	2977648	2970271	2989587	0.91	cps
Calcium	44-1	48414878	47994966	48224229	48211358	0.44	cps
Chromium	52-2	2585933	2605708	2552419	2581354	1.04	cps
Cobalt	59-2	4215647	4241750	4200543	4219313	0.49	cps
Copper	63-2	6206096	6241981	6175683	6207920	0.53	cps
Dysprosium	156-1	442	358	258	353	26.02	cps
Dysprosium	156-2	250	217	227	231	7.40	cps
Erbium	164-1	83	100	108	97	13.09	cps
Erbium	164-2	70	57	47	58	20.26	cps
Gadolinium	160-1	133	158	150	147	8.65	cps
Gadolinium	160-2	247	243	297	262	11.39	cps
Holmium	165-1	17052686	16997284	17167079	17072350	0.51	cps
Holmium	165-2	7193892	7311872	7140850	7215538	1.21	cps
Indium	115-1	12325980	12255049	12342503	12307844	0.38	cps
Indium	115-2	1950534	1974908	1947063	1957502	0.78	cps
Iron	56-2	109739997	110880041	109686491	110102177	0.61	cps
Iron	57-2	2704481	2727113	2727268	2719621	0.48	cps
Krypton	83-1	667	580	587	611	7.89	cps
Lead	206-1	8096398	7983940	8142783	8074374	1.01	cps
Lead	207-1	7241495	7159857	7225093	7208815	0.60	cps
Lead	208-1	32695274	32559817	32907080	32720724	0.53	cps
Lithium	6-1	3884834	3845881	3884529	3871748	0.58	cps
Magnesium	24-2	21286955	21708486	21678512	21557984	1.09	cps

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 18:31:37 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2989830	3038727	2995595	3008051	0.89	cps
Molybdenum	94-1	19335333	19374152	19427966	19379150	0.24	cps
Molybdenum	95-1	23393956	23417466	23766148	23525857	0.89	cps
Molybdenum	96-1	26044196	26079664	26456556	26193472	0.87	cps
Molybdenum	97-1	14742105	14711956	14881665	14778575	0.61	cps
Molybdenum	98-1	37695560	37469008	38134982	37766517	0.90	cps
Neodymium	150-1	1013	1093	1027	1045	4.10	cps
Neodymium	150-2	90	110	100	100	10.00	cps
Nickel	60-2	1103090	1108965	1107829	1106628	0.28	cps
Phosphorus	31-2	98609	98701	100295	99202	0.96	cps
Potassium	39-2	8998629	8963784	8981388	8981267	0.19	cps
Rhodium	103-1	10749169	10714731	10940588	10801496	1.13	cps
Rhodium	103-2	4553626	4702328	4621561	4625838	1.61	cps
Scandium	45-1	7593726	7524966	7674213	7597635	0.98	cps
Scandium	45-2	303763	305220	303235	304073	0.34	cps
Selenium	77-2	7979	7559	7686	7741	2.78	cps
Selenium	78-2	26044	26311	25899	26085	0.80	cps
Selenium	82-1	210503	211016	210488	210669	0.14	cps
Silicon	28-1	6273312	6219179	6251924	6248138	0.44	cps
Silver	109-1	12197352	12102137	12390053	12229847	1.20	cps
Silver	107-1	12663854	12693365	12860581	12739267	0.83	cps
Sodium	23-2	41648375	42135389	41863733	41882499	0.58	cps
Strontium	86-1	3092216	3040119	3065496	3065944	0.85	cps
Strontium	88-1	26541549	26381067	26713083	26545233	0.63	cps
Sulfur	34-1	1550904	1550487	1554454	1551948	0.14	cps
Terbium	159-1	17247238	17435946	17322467	17335217	0.55	cps
Terbium	159-2	6977321	7045792	6964464	6995859	0.62	cps
Thallium	203-1	10061223	9917617	10089906	10022915	0.92	cps
Thallium	205-1	23555712	23526976	23873442	23652043	0.81	cps
Thorium	232-1	35871000	35927824	36188851	35995892	0.47	cps
Tin	118-1	8170998	8216943	8299417	8229119	0.79	cps
Titanium	47-1	6467294	6461640	6498560	6475832	0.31	cps
Uranium	238-1	35232066	35551578	35629559	35471068	0.59	cps
Vanadium	51-2	2075353	2098499	2080720	2084857	0.58	cps
Yttrium	89-1	12801526	12775492	12988697	12855238	0.90	cps
Yttrium	89-2	1505964	1522463	1501752	1510060	0.72	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 18:31:37	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	932098	939400	935685	935728	0.39	cps
Zirconium	90-1	16211576	16236003	16282573	16243384	0.22	cps
Zirconium	91-1	3625606	3617886	3640299	3627930	0.31	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 18:35:26	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8801184	8798994	8910523	8836900	0.72	cps
Antimony	121-1	10388	10212	11213	10604	5.04	cps
Arsenic	75-2	170	154	211	178	16.55	cps
Barium	135-1	3192	3334	2984	3170	5.56	cps
Barium	137-1	5093	5201	5159	5151	1.06	cps
Beryllium	9-1	528	489	500	506	3.96	cps
Bismuth	209-1	8807239	8838548	8713719	8786502	0.74	cps
Bismuth	209-2	4239927	4282286	4289657	4270623	0.63	cps
Boron	10-1	9662	9754	8845	9420	5.31	cps
Boron	11-1	48412	43547	40154	44038	9.42	cps
Cadmium	111-1	4488	4641	4590	4573	1.71	cps
Cadmium	106-1	5551	5668	5743	5654	1.71	cps
Cadmium	108-1	104	79	79	88	16.50	cps
Calcium	43-1	13621732	13537229	13670569	13609843	0.50	cps
Calcium	44-1	222165847	222716638	221907097	222263194	0.19	cps
Chromium	52-2	67166	67822	66988	67325	0.65	cps
Cobalt	59-2	7919	8056	8289	8088	2.31	cps
Copper	63-2	11595	11565	11615	11591	0.22	cps
Dysprosium	156-1	583	575	583	581	0.83	cps
Dysprosium	156-2	183	207	207	199	6.77	cps
Erbium	164-1	217	158	175	183	16.39	cps
Erbium	164-2	77	77	113	89	23.82	cps
Gadolinium	160-1	467	525	550	514	8.32	cps
Gadolinium	160-2	433	393	423	417	5.00	cps
Holmium	165-1	15729064	15849353	15640947	15739788	0.66	cps
Holmium	165-2	6848917	6827621	6880327	6852288	0.39	cps
Indium	115-1	11513711	11686645	11576483	11592280	0.76	cps
Indium	115-2	1915638	1932357	1943365	1930453	0.72	cps
Iron	56-2	525077867	520887801	523327578	523097749	0.40	cps
Iron	57-2	12900954	12932111	13103744	12978936	0.84	cps
Krypton	83-1	620	570	593	594	4.21	cps
Lead	206-1	26861	27045	25469	26458	3.26	cps
Lead	207-1	24879	24724	23683	24429	2.66	cps
Lead	208-1	109215	111011	105114	108447	2.79	cps
Lithium	6-1	3652407	3648684	3671539	3657543	0.34	cps
Magnesium	24-2	101681381	101590052	102527925	101933120	0.51	cps

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 18:35:26 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	12459	12582	12402	12481	0.74	cps
Molybdenum	94-1	14116	13632	13357	13702	2.80	cps
Molybdenum	95-1	20457	21317	21600	21125	2.82	cps
Molybdenum	96-1	26601	26851	27152	26868	1.03	cps
Molybdenum	97-1	12756	12381	12439	12525	1.61	cps
Molybdenum	98-1	32714	32847	31160	32240	2.91	cps
Neodymium	150-1	160	127	133	140	12.60	cps
Neodymium	150-2	23	50	50	41	37.46	cps
Nickel	60-2	20261	20742	20875	20626	1.57	cps
Phosphorus	31-2	233	208	175	206	14.24	cps
Potassium	39-2	43427020	43153315	43871706	43484013	0.83	cps
Rhodium	103-1	9504962	9475104	9594306	9524791	0.65	cps
Rhodium	103-2	4106462	4146130	4170281	4140957	0.78	cps
Scandium	45-1	7238890	7297122	7194991	7243667	0.71	cps
Scandium	45-2	295620	293693	297080	295464	0.57	cps
Selenium	77-2	13	0	17	10	88.20	cps
Selenium	78-2	63	59	65	62	4.54	cps
Selenium	82-1	237	237	183	219	14.20	cps
Silicon	28-1	707142	723074	715940	715385	1.12	cps
Silver	109-1	2134	2225	2300	2220	3.76	cps
Silver	107-1	2334	2292	2275	2300	1.31	cps
Sodium	23-2	198316088	197717875	198409013	198147659	0.19	cps
Strontium	86-1	7069	7185	6885	7046	2.15	cps
Strontium	88-1	55818	56990	55358	56055	1.50	cps
Sulfur	34-1	381286	383995	394613	386631	1.82	cps
Terbium	159-1	15754216	15926354	15976261	15885610	0.73	cps
Terbium	159-2	6598108	6557146	6647564	6600939	0.69	cps
Thallium	203-1	5468	5276	5168	5304	2.87	cps
Thallium	205-1	11380	11489	11322	11397	0.74	cps
Thorium	232-1	9081	9176	9698	9318	3.57	cps
Tin	118-1	5360	6127	5701	5729	6.71	cps
Titanium	47-1	1834	1859	1892	1861	1.57	cps
Uranium	238-1	8136	8503	8311	8317	2.21	cps
Vanadium	51-2	777	830	780	796	3.76	cps
Yttrium	89-1	12048399	12122776	12194239	12121805	0.60	cps
Yttrium	89-2	1492403	1482077	1493279	1489253	0.42	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 18:35:26	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	12325	12129	12265	12240	0.82	cps
Zirconium	90-1	5701	5234	5818	5585	5.53	cps
Zirconium	91-1	1125	1125	1283	1178	7.76	cps

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 19:03:37 DataFile Name : 011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	48722	48321	47477	48173	1.32	cps
Antimony	121-1	1869706	1874173	1859305	1867728	0.41	cps
Arsenic	75-2	58392	58906	58300	58533	0.56	cps
Barium	135-1	231046	228706	228449	229400	0.62	cps
Barium	137-1	398738	388198	395307	394081	1.36	cps
Beryllium	9-1	227121	223956	224795	225291	0.73	cps
Bismuth	209-1	10697344	10865440	10770007	10777597	0.78	cps
Bismuth	209-2	5323950	5370315	5292456	5328907	0.73	cps
Boron	10-1	207104	208919	210288	208770	0.76	cps
Boron	11-1	947664	966642	979309	964538	1.65	cps
Cadmium	111-1	294810	298229	302611	298550	1.31	cps
Cadmium	106-1	66650	66909	68835	67465	1.77	cps
Cadmium	108-1	36647	37124	35866	36546	1.74	cps
Calcium	43-1	67673	67504	69179	68119	1.35	cps
Calcium	44-1	1047703	1041931	1066801	1052145	1.24	cps
Chromium	52-2	260794	262359	262361	261838	0.35	cps
Cobalt	59-2	445200	446621	442325	444715	0.49	cps
Copper	63-2	319608	325406	311688	318900	2.16	cps
Dysprosium	156-1	75	50	58	61	20.83	cps
Dysprosium	156-2	40	27	43	37	24.04	cps
Erbium	164-1	158	200	150	169	15.81	cps
Erbium	164-2	67	87	80	78	13.09	cps
Gadolinium	160-1	158	125	125	136	14.14	cps
Gadolinium	160-2	240	250	217	236	7.26	cps
Holmium	165-1	16894367	16994183	17001634	16963394	0.35	cps
Holmium	165-2	7438468	7447017	7357440	7414308	0.67	cps
Indium	115-1	12936791	13060903	12897910	12965201	0.66	cps
Indium	115-2	2126988	2129471	2108570	2121676	0.54	cps
Iron	56-2	2527200	2516512	2507249	2516987	0.40	cps
Iron	57-2	63259	62969	62913	63047	0.29	cps
Krypton	83-1	600	527	763	630	19.23	cps
Lead	206-1	1668873	1683249	1668445	1673523	0.50	cps
Lead	207-1	1460264	1490689	1481697	1477550	1.06	cps
Lead	208-1	6677914	6767947	6724008	6723289	0.67	cps
Lithium	6-1	4357182	4336468	4302264	4331972	0.64	cps
Magnesium	24-2	279809	284716	280353	281626	0.95	cps

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 19:03:37 DataFile Name : 011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	152246	150858	150814	151306	0.54	cps
Molybdenum	94-1	10152248	10061878	10065145	10093091	0.51	cps
Molybdenum	95-1	12602128	12443224	12453746	12499699	0.71	cps
Molybdenum	96-1	13952135	14022807	13864716	13946553	0.57	cps
Molybdenum	97-1	7788052	7795564	7861578	7815065	0.52	cps
Molybdenum	98-1	20046571	20049633	20298726	20131644	0.72	cps
Neodymium	150-1	27	20	33	27	24.99	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	118478	120628	118602	119236	1.01	cps
Phosphorus	31-2	183	158	175	172	7.39	cps
Potassium	39-2	395505	394927	394121	394851	0.18	cps
Rhodium	103-1	11885448	11899475	11977627	11920850	0.42	cps
Rhodium	103-2	5083729	5153641	5115571	5117647	0.68	cps
Scandium	45-1	8177970	8115048	8098790	8130603	0.51	cps
Scandium	45-2	323687	320381	326675	323581	0.97	cps
Selenium	77-2	1673	1583	1623	1627	2.77	cps
Selenium	78-2	5447	5534	5609	5530	1.46	cps
Selenium	82-1	43261	42946	42323	42843	1.11	cps
Silicon	28-1	3465663	3480446	3532870	3492993	1.01	cps
Silver	109-1	1178223	1170186	1160403	1169604	0.76	cps
Silver	107-1	1231695	1242489	1239079	1237754	0.45	cps
Sodium	23-2	903819	924367	898277	908821	1.51	cps
Strontium	86-1	1532837	1554015	1559675	1548842	0.91	cps
Strontium	88-1	13496621	13663837	13594254	13584904	0.62	cps
Sulfur	34-1	452552	450198	452034	451595	0.27	cps
Terbium	159-1	17498459	17185281	17429537	17371093	0.95	cps
Terbium	159-2	7257394	7306302	7149319	7237672	1.11	cps
Thallium	203-1	2041877	2077443	2075270	2064864	0.97	cps
Thallium	205-1	4864665	4895951	4906805	4889141	0.45	cps
Thorium	232-1	10877	11383	11672	11311	3.56	cps
Tin	118-1	4187260	4103568	4099723	4130184	1.20	cps
Titanium	47-1	3394857	3391362	3400704	3395641	0.14	cps
Uranium	238-1	19086855	19247871	18923716	19086147	0.85	cps
Vanadium	51-2	236045	238418	237198	237221	0.50	cps
Yttrium	89-1	13272651	13240496	13298385	13270511	0.22	cps
Yttrium	89-2	1586203	1620549	1607102	1604618	1.08	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 19:03:37	DataFile Name :	011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	97694	98862	96295	97617	1.32	cps
Zirconium	90-1	8284135	8205943	8308083	8266054	0.65	cps
Zirconium	91-1	1823114	1816803	1828318	1822745	0.32	cps

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 19:12:16 DataFile Name : 012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	58	83	69	18.33	cps
Antimony	121-1	1000	1167	1225	1131	10.33	cps
Arsenic	75-2	13	4	6	7	66.14	cps
Barium	135-1	58	67	8	44	70.99	cps
Barium	137-1	50	58	83	64	27.15	cps
Beryllium	9-1	100	106	139	115	18.32	cps
Bismuth	209-1	10918622	11050812	10850497	10939977	0.93	cps
Bismuth	209-2	5199976	5264415	5134366	5199586	1.25	cps
Boron	10-1	2534	2242	2342	2373	6.25	cps
Boron	11-1	10446	10604	10496	10515	0.77	cps
Cadmium	111-1	4076	4041	3974	4030	1.28	cps
Cadmium	106-1	5801	5776	5660	5746	1.32	cps
Cadmium	108-1	21	21	13	18	26.64	cps
Calcium	43-1	350	325	242	306	18.56	cps
Calcium	44-1	9237	9620	10262	9706	5.34	cps
Chromium	52-2	940	1167	1050	1052	10.77	cps
Cobalt	59-2	117	143	107	122	15.51	cps
Copper	63-2	1347	1290	1270	1302	3.05	cps
Dysprosium	156-1	42	42	25	36	26.65	cps
Dysprosium	156-2	13	37	30	27	45.08	cps
Erbium	164-1	50	108	92	83	36.06	cps
Erbium	164-2	73	43	50	56	28.35	cps
Gadolinium	160-1	92	133	75	100	30.05	cps
Gadolinium	160-2	283	193	233	237	19.05	cps
Holmium	165-1	17023895	17202545	17106361	17110933	0.52	cps
Holmium	165-2	7373730	7370277	7284562	7342857	0.69	cps
Indium	115-1	13110925	13234807	13163029	13169587	0.47	cps
Indium	115-2	2098253	2131702	2118243	2116066	0.80	cps
Iron	56-2	5862	6174	6174	6070	2.96	cps
Iron	57-2	217	283	250	250	13.33	cps
Krypton	83-1	560	520	677	586	13.90	cps
Lead	206-1	1211	1256	1328	1265	4.66	cps
Lead	207-1	1106	1150	1100	1119	2.45	cps
Lead	208-1	4350	4350	4584	4428	3.04	cps
Lithium	6-1	4426320	4415121	4389381	4410274	0.43	cps
Magnesium	24-2	425	367	458	417	11.14	cps

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 19:12:16 DataFile Name : 012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	110	87	70	89	22.60	cps
Molybdenum	94-1	858	817	1125	933	17.92	cps
Molybdenum	95-1	917	800	775	831	9.10	cps
Molybdenum	96-1	958	908	1067	978	8.28	cps
Molybdenum	97-1	567	392	492	483	18.16	cps
Molybdenum	98-1	1325	1325	1283	1311	1.83	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	167	207	167	180	12.83	cps
Phosphorus	31-2	233	175	200	203	14.43	cps
Potassium	39-2	20607	20991	21650	21082	2.50	cps
Rhodium	103-1	12021292	12163184	12123698	12102725	0.61	cps
Rhodium	103-2	5076386	5124353	5086773	5095837	0.50	cps
Scandium	45-1	8270501	8285020	8339591	8298371	0.44	cps
Scandium	45-2	323149	327231	326340	325573	0.66	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	59	67	59	62	6.93	cps
Selenium	82-1	15	47	-98	-12	-637.75	cps
Silicon	28-1	164049	166105	165311	165155	0.63	cps
Silver	109-1	150	75	117	114	33.00	cps
Silver	107-1	183	200	125	169	23.24	cps
Sodium	23-2	20481	21324	20657	20821	2.14	cps
Strontium	86-1	900	1025	975	967	6.51	cps
Strontium	88-1	608	600	683	631	7.28	cps
Sulfur	34-1	464112	467048	468604	466588	0.49	cps
Terbium	159-1	17443537	17384512	17467690	17431913	0.25	cps
Terbium	159-2	7047399	7118482	7080875	7082252	0.50	cps
Thallium	203-1	783	783	750	772	2.49	cps
Thallium	205-1	1275	1367	1333	1325	3.50	cps
Thorium	232-1	2500	2550	2623	2558	2.40	cps
Tin	118-1	1492	1358	1483	1445	5.17	cps
Titanium	47-1	283	292	233	269	11.71	cps
Uranium	238-1	3067	2900	3176	3048	4.55	cps
Vanadium	51-2	10	3	17	10	66.70	cps
Yttrium	89-1	13503532	13371475	13457305	13444104	0.50	cps
Yttrium	89-2	1575218	1600560	1585172	1586983	0.80	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 19:12:16	DataFile Name :	012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	243	283	250	259	8.28	cps
Zirconium	90-1	1217	1342	1242	1267	5.22	cps
Zirconium	91-1	250	233	242	242	3.45	cps

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 19:15:56 DataFile Name : 013ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8425282	8275990	8357110	8352794	0.89	cps
Antimony	121-1	11047	12431	11805	11761	5.89	cps
Arsenic	75-2	100	87	111	99	12.12	cps
Barium	135-1	3842	3717	3676	3745	2.32	cps
Barium	137-1	6560	6644	6543	6582	0.81	cps
Beryllium	9-1	778	789	694	754	6.85	cps
Bismuth	209-1	10028789	10272799	10113276	10138288	1.22	cps
Bismuth	209-2	4836372	4862789	4896378	4865180	0.62	cps
Boron	10-1	1909	1992	1850	1917	3.71	cps
Boron	11-1	8544	7877	8544	8322	4.63	cps
Cadmium	111-1	5625	5584	5542	5584	0.74	cps
Cadmium	106-1	5810	5476	5785	5690	3.26	cps
Cadmium	108-1	3346	3375	3434	3385	1.32	cps
Calcium	43-1	2903305	2915539	2917431	2912092	0.26	cps
Calcium	44-1	47210281	47609861	46842449	47220864	0.81	cps
Chromium	52-2	52634	51269	52771	52225	1.59	cps
Cobalt	59-2	5668	5778	5925	5790	2.22	cps
Copper	63-2	25836	25269	26063	25723	1.59	cps
Dysprosium	156-1	83	167	108	119	35.80	cps
Dysprosium	156-2	47	50	40	46	11.18	cps
Erbium	164-1	108	133	133	125	11.55	cps
Erbium	164-2	103	60	103	89	28.15	cps
Gadolinium	160-1	150	117	150	139	13.86	cps
Gadolinium	160-2	250	260	280	263	5.80	cps
Holmium	165-1	17317106	17140871	17164350	17207442	0.56	cps
Holmium	165-2	7338496	7286048	7339568	7321371	0.42	cps
Indium	115-1	12480908	12759136	12498246	12579430	1.24	cps
Indium	115-2	2009277	1993006	2015657	2005980	0.58	cps
Iron	56-2	221787561	218490127	217895533	219391073	0.96	cps
Iron	57-2	5497996	5326851	5450630	5425159	1.63	cps
Krypton	83-1	573	590	557	573	2.91	cps
Lead	206-1	37649	37877	38713	38079	1.47	cps
Lead	207-1	31260	30981	31560	31267	0.93	cps
Lead	208-1	146256	144936	146458	145883	0.57	cps
Lithium	6-1	4012265	4080123	4019119	4037169	0.93	cps
Magnesium	24-2	21657110	21557818	21800041	21671656	0.56	cps

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 19:15:56 DataFile Name : 013ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	12292	11895	12432	12206	2.28	cps
Molybdenum	94-1	5185638	5209843	5221703	5205728	0.35	cps
Molybdenum	95-1	9106942	9281651	9241700	9210098	0.99	cps
Molybdenum	96-1	9864364	9907450	9927965	9899926	0.33	cps
Molybdenum	97-1	5750458	5808349	5772627	5777145	0.51	cps
Molybdenum	98-1	14788447	15010173	14940196	14912939	0.76	cps
Neodymium	150-1	60	60	60	60	0.00	cps
Neodymium	150-2	13	30	20	21	39.75	cps
Nickel	60-2	6128	6041	6231	6134	1.55	cps
Phosphorus	31-2	485558	484236	489248	486347	0.53	cps
Potassium	39-2	18211458	17952871	18107872	18090734	0.72	cps
Rhodium	103-1	10940181	11116942	10921211	10992778	0.98	cps
Rhodium	103-2	4725068	4669018	4688735	4694274	0.61	cps
Scandium	45-1	7930549	7989433	7842181	7920721	0.94	cps
Scandium	45-2	313177	306726	311949	310617	1.10	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	46	57	39	48	19.61	cps
Selenium	82-1	55	0	14	23	124.66	cps
Silicon	28-1	308905	309433	305009	307782	0.79	cps
Silver	109-1	650	767	775	731	9.57	cps
Silver	107-1	792	808	833	811	2.58	cps
Sodium	23-2	42215742	42033970	42311180	42186964	0.33	cps
Strontium	86-1	104581	105921	106040	105514	0.77	cps
Strontium	88-1	913472	917184	921216	917290	0.42	cps
Sulfur	34-1	5001022	4954864	4964777	4973554	0.49	cps
Terbium	159-1	17286730	17598641	17534831	17473401	0.94	cps
Terbium	159-2	7072126	6969962	7075938	7039342	0.85	cps
Thallium	203-1	2034	2167	2692	2298	15.15	cps
Thallium	205-1	4109	4768	5768	4882	17.11	cps
Thorium	232-1	3056	3006	3006	3023	0.96	cps
Tin	118-1	2184	2250	2367	2267	4.09	cps
Titanium	47-1	2653046	2669523	2636348	2652973	0.63	cps
Uranium	238-1	3201	3109	3384	3231	4.34	cps
Vanadium	51-2	553	573	537	554	3.31	cps
Yttrium	89-1	13071592	13195051	13102935	13123193	0.49	cps
Yttrium	89-2	1550380	1536588	1546935	1544634	0.46	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 19:15:56	DataFile Name :	013ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	5601	5254	5554	5470	3.44	cps
Zirconium	90-1	1709	1759	2559	2009	23.75	cps
Zirconium	91-1	292	392	517	400	28.18	cps

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 19:19:37 DataFile Name : 014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8367992	8372644	8219011	8319882	1.05	cps
Antimony	121-1	202147	201873	205790	203270	1.08	cps
Arsenic	75-2	5718	5533	5518	5589	1.99	cps
Barium	135-1	51605	51413	51814	51611	0.39	cps
Barium	137-1	87970	86990	87912	87624	0.63	cps
Beryllium	9-1	44198	43541	43618	43786	0.82	cps
Bismuth	209-1	9908625	10224581	10185114	10106107	1.70	cps
Bismuth	209-2	5021484	4766796	4770420	4852900	3.01	cps
Boron	10-1	21825	20056	21107	20996	4.24	cps
Boron	11-1	97664	100190	99578	99144	1.33	cps
Cadmium	111-1	58908	59976	60101	59662	1.10	cps
Cadmium	106-1	13574	13999	13565	13713	1.81	cps
Cadmium	108-1	8119	8490	7848	8152	3.95	cps
Calcium	43-1	2910541	2872799	2908482	2897274	0.73	cps
Calcium	44-1	46926542	46861715	47562799	47117018	0.82	cps
Chromium	52-2	103198	103175	101974	102782	0.68	cps
Cobalt	59-2	91835	91161	90765	91254	0.59	cps
Copper	63-2	86595	86960	85512	86355	0.87	cps
Dysprosium	156-1	150	75	117	114	33.00	cps
Dysprosium	156-2	60	53	53	56	6.93	cps
Erbium	164-1	117	192	217	175	29.74	cps
Erbium	164-2	63	93	77	78	19.33	cps
Gadolinium	160-1	208	192	183	194	6.55	cps
Gadolinium	160-2	263	290	243	266	8.82	cps
Holmium	165-1	17077549	17480934	17186906	17248463	1.21	cps
Holmium	165-2	7574527	7100512	7198061	7291033	3.43	cps
Indium	115-1	12495198	12582072	12639363	12572211	0.58	cps
Indium	115-2	2074740	1982362	1993945	2017016	2.50	cps
Iron	56-2	221817288	216015105	216611183	218147859	1.46	cps
Iron	57-2	5436332	5334867	5311327	5360842	1.24	cps
Krypton	83-1	530	520	500	517	2.96	cps
Lead	206-1	197125	200182	200109	199139	0.88	cps
Lead	207-1	166363	168466	168328	167719	0.70	cps
Lead	208-1	767204	778899	775787	773963	0.78	cps
Lithium	6-1	3981821	3968848	4005139	3985269	0.46	cps
Magnesium	24-2	21710220	21667033	21288644	21555299	1.08	cps

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 19:19:37 DataFile Name : 014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	42428	41856	40894	41726	1.86	cps
Molybdenum	94-1	5670518	5652888	5672978	5665461	0.19	cps
Molybdenum	95-1	9400105	9411096	9447400	9419534	0.26	cps
Molybdenum	96-1	10135393	10115760	10164790	10138648	0.24	cps
Molybdenum	97-1	5921529	5899773	5937741	5919681	0.32	cps
Molybdenum	98-1	15287005	15101569	15267493	15218689	0.67	cps
Neodymium	150-1	40	73	60	58	29.04	cps
Neodymium	150-2	13	13	23	17	34.65	cps
Nickel	60-2	28344	28324	28501	28390	0.34	cps
Phosphorus	31-2	489467	492249	484462	488726	0.81	cps
Potassium	39-2	17970687	18033731	17817555	17940658	0.62	cps
Rhodium	103-1	11024383	10947183	11051342	11007636	0.49	cps
Rhodium	103-2	4800279	4645445	4654402	4700042	1.85	cps
Scandium	45-1	7998556	7897297	8002091	7965981	0.75	cps
Scandium	45-2	324541	305727	308327	312865	3.26	cps
Selenium	77-2	137	123	157	139	12.08	cps
Selenium	78-2	548	459	582	530	11.93	cps
Selenium	82-1	4372	4128	4244	4248	2.88	cps
Silicon	28-1	627952	626291	631078	628440	0.39	cps
Silver	109-1	223398	224819	224494	224237	0.33	cps
Silver	107-1	232593	237921	231268	233928	1.51	cps
Sodium	23-2	41996979	42113457	40880528	41663655	1.63	cps
Strontium	86-1	264658	267045	263481	265062	0.69	cps
Strontium	88-1	2317835	2307439	2314445	2313240	0.23	cps
Sulfur	34-1	4889020	4888259	4856295	4877858	0.38	cps
Terbium	159-1	17300777	17433225	17559921	17431308	0.74	cps
Terbium	159-2	7284427	6935265	6947255	7055649	2.81	cps
Thallium	203-1	198506	199900	201794	200067	0.82	cps
Thallium	205-1	471014	478476	471691	473727	0.87	cps
Thorium	232-1	2539	2800	2850	2730	6.12	cps
Tin	118-1	426233	431120	426687	428014	0.63	cps
Titanium	47-1	2741055	2695848	2738856	2725253	0.94	cps
Uranium	238-1	1812412	1836018	1818040	1822157	0.68	cps
Vanadium	51-2	42030	42642	40937	41870	2.06	cps
Yttrium	89-1	13172778	13043774	13185541	13134031	0.60	cps
Yttrium	89-2	1586799	1535719	1532232	1551583	1.97	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 19:19:37	DataFile Name :	014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	13837	13710	14317	13955	2.30	cps
Zirconium	90-1	851568	849057	853186	851270	0.24	cps
Zirconium	91-1	195712	187471	193255	192146	2.20	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 19:36:26	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4744454	4737418	4711314	4731062	0.37	cps
Antimony	121-1	4615581	4610199	4639633	4621804	0.34	cps
Arsenic	75-2	133618	134123	132802	133514	0.50	cps
Barium	135-1	5688437	5673778	5680476	5680897	0.13	cps
Barium	137-1	9848122	9763736	9892208	9834688	0.66	cps
Beryllium	9-1	1085608	1075891	1078339	1079946	0.47	cps
Bismuth	209-1	9835800	9850517	9747839	9811386	0.57	cps
Bismuth	209-2	4736292	4801410	4749365	4762356	0.72	cps
Boron	10-1	189284	193227	194326	192279	1.38	cps
Boron	11-1	878117	906222	902117	895485	1.70	cps
Cadmium	111-1	1436431	1412445	1409817	1419564	1.03	cps
Cadmium	106-1	165121	162750	162431	163434	0.90	cps
Cadmium	108-1	108256	107568	106795	107539	0.68	cps
Calcium	43-1	6975467	7070942	7079738	7042049	0.82	cps
Calcium	44-1	115850744	114625457	114717498	115064566	0.59	cps
Chromium	52-2	1319728	1347192	1335141	1334021	1.03	cps
Cobalt	59-2	2097565	2119163	2109173	2108634	0.51	cps
Copper	63-2	3219582	3264083	3232729	3238798	0.71	cps
Dysprosium	156-1	417	308	308	344	18.16	cps
Dysprosium	156-2	207	193	237	212	10.46	cps
Erbium	164-1	108	150	142	133	16.54	cps
Erbium	164-2	70	73	100	81	20.27	cps
Gadolinium	160-1	250	192	192	211	15.95	cps
Gadolinium	160-2	320	343	310	324	5.27	cps
Holmium	165-1	17030331	17058841	16733443	16940872	1.06	cps
Holmium	165-2	7207487	7394671	7284187	7295448	1.29	cps
Indium	115-1	12623164	12596066	12458235	12559155	0.70	cps
Indium	115-2	2012681	2029706	2055987	2032791	1.07	cps
Iron	56-2	265598428	265129450	264912128	265213336	0.13	cps
Iron	57-2	6625967	6591524	6607499	6608330	0.26	cps
Krypton	83-1	613	690	647	650	5.91	cps
Lead	206-1	3752278	3813026	3822820	3796041	1.01	cps
Lead	207-1	3330045	3351548	3404487	3362027	1.14	cps
Lead	208-1	15299428	15349604	15516641	15388558	0.74	cps
Lithium	6-1	4100222	4114150	4047902	4087425	0.85	cps
Magnesium	24-2	53693160	53394572	53569064	53552265	0.28	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 19:36:26	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1508317	1508160	1520532	1512336	0.47	cps
Molybdenum	94-1	9611413	9663818	9587996	9621076	0.40	cps
Molybdenum	95-1	11656535	11784831	11503153	11648173	1.21	cps
Molybdenum	96-1	13227747	13164460	12878085	13090097	1.42	cps
Molybdenum	97-1	7362592	7273773	7281386	7305917	0.67	cps
Molybdenum	98-1	19115614	18524946	18668424	18769661	1.64	cps
Neodymium	150-1	653	467	493	538	18.77	cps
Neodymium	150-2	40	67	67	58	26.65	cps
Nickel	60-2	550186	554674	552899	552586	0.41	cps
Phosphorus	31-2	51306	49877	50469	50551	1.42	cps
Potassium	39-2	23236274	22999395	23256685	23164118	0.62	cps
Rhodium	103-1	10911574	10789185	10740005	10813588	0.82	cps
Rhodium	103-2	4569912	4601072	4629573	4600186	0.65	cps
Scandium	45-1	8032153	8097162	7980723	8036679	0.73	cps
Scandium	45-2	316376	318305	327177	320619	1.80	cps
Selenium	77-2	3831	3757	3864	3817	1.43	cps
Selenium	78-2	13260	13024	13023	13102	1.04	cps
Selenium	82-1	103044	102751	102966	102921	0.15	cps
Silicon	28-1	3810930	3862493	3870564	3847996	0.84	cps
Silver	109-1	5791360	5694712	5669273	5718448	1.13	cps
Silver	107-1	6112251	6125948	5929622	6055941	1.81	cps
Sodium	23-2	102749806	101534367	102423894	102236022	0.62	cps
Strontium	86-1	1498493	1505703	1504555	1502917	0.26	cps
Strontium	88-1	13134360	13213874	13087796	13145344	0.48	cps
Sulfur	34-1	1020425	1015849	1013555	1016610	0.34	cps
Terbium	159-1	17181608	17175200	17246242	17201017	0.23	cps
Terbium	159-2	7063454	7079575	7023534	7055521	0.41	cps
Thallium	203-1	4628668	4705881	4627691	4654080	0.96	cps
Thallium	205-1	11055235	11114256	11209014	11126168	0.70	cps
Thorium	232-1	17276146	17336355	17096153	17236218	0.73	cps
Tin	118-1	3994893	3966933	3963190	3975005	0.44	cps
Titanium	47-1	3270147	3264829	3307445	3280807	0.71	cps
Uranium	238-1	16985332	17006065	16861902	16951100	0.46	cps
Vanadium	51-2	1050857	1069193	1068716	1062922	0.98	cps
Yttrium	89-1	13163445	13186371	13109647	13153154	0.30	cps
Yttrium	89-2	1568789	1588331	1585034	1580718	0.66	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 19:36:26	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	460375	470501	470222	467033	1.23	cps
Zirconium	90-1	8080625	8053488	8065072	8066395	0.17	cps
Zirconium	91-1	1797120	1793672	1775540	1788777	0.65	cps

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : LLCCV Instrumnet Name : P7
 Client Sample ID : LLCCV Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 19:50:54 DataFile Name : 019LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2392	2209	2267	2289	4.09	cps
Antimony	121-1	21901	22769	21818	22163	2.38	cps
Arsenic	75-2	307	348	359	338	8.07	cps
Barium	135-1	23980	23997	24172	24049	0.44	cps
Barium	137-1	41873	42374	42441	42229	0.73	cps
Beryllium	9-1	2606	2628	2761	2665	3.16	cps
Bismuth	209-1	10360244	10793109	10893938	10682430	2.65	cps
Bismuth	209-2	5238675	5271047	5374670	5294797	1.34	cps
Boron	10-1	12222	12147	12456	12275	1.31	cps
Boron	11-1	57661	59334	60781	59259	2.64	cps
Cadmium	111-1	6747	6502	7016	6755	3.81	cps
Cadmium	106-1	5885	5768	5902	5851	1.24	cps
Cadmium	108-1	217	254	225	232	8.49	cps
Calcium	43-1	16476	16043	17369	16629	4.07	cps
Calcium	44-1	272304	273764	274743	273604	0.45	cps
Chromium	52-2	7252	7262	6988	7167	2.16	cps
Cobalt	59-2	5238	5208	5268	5238	0.57	cps
Copper	63-2	8619	8656	8773	8683	0.92	cps
Dysprosium	156-1	75	42	58	58	28.57	cps
Dysprosium	156-2	30	30	37	32	11.95	cps
Erbium	164-1	42	58	142	81	66.50	cps
Erbium	164-2	53	73	73	67	17.32	cps
Gadolinium	160-1	83	83	83	83	0.00	cps
Gadolinium	160-2	260	250	233	248	5.44	cps
Holmium	165-1	16467016	17109084	17512089	17029396	3.10	cps
Holmium	165-2	7463024	7531816	7605794	7533545	0.95	cps
Indium	115-1	12892910	13270248	13507752	13223637	2.34	cps
Indium	115-2	2168914	2161311	2218479	2182901	1.42	cps
Iron	56-2	144055	145896	142648	144200	1.13	cps
Iron	57-2	3734	3790	3895	3806	2.15	cps
Krypton	83-1	773	643	747	721	9.52	cps
Lead	206-1	8937	9365	9409	9237	2.82	cps
Lead	207-1	7797	7803	8564	8055	5.48	cps
Lead	208-1	35503	37555	37343	36801	3.07	cps
Lithium	6-1	4300953	4456859	4491725	4416512	2.30	cps
Magnesium	24-2	133247	135567	134407	134407	0.86	cps

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : LLCCV Instrumnet Name : P7
 Client Sample ID : LLCCV Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 19:50:54 DataFile Name : 019LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2227	2037	2144	2136	4.46	cps
Molybdenum	94-1	20782	21884	21984	21550	3.09	cps
Molybdenum	95-1	26517	26492	26275	26428	0.50	cps
Molybdenum	96-1	30534	29214	29431	29726	2.38	cps
Molybdenum	97-1	16927	16802	16819	16850	0.40	cps
Molybdenum	98-1	41804	41979	42055	41946	0.31	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	1563	1640	1713	1639	4.58	cps
Phosphorus	31-2	383	617	508	503	23.23	cps
Potassium	39-2	129806	130873	133716	131465	1.54	cps
Rhodium	103-1	11822591	12092201	12332060	12082284	2.11	cps
Rhodium	103-2	5208184	5249228	5323647	5260353	1.11	cps
Scandium	45-1	8137767	8492553	8627406	8419242	3.00	cps
Scandium	45-2	341791	341282	343375	342149	0.32	cps
Selenium	77-2	47	50	53	50	6.66	cps
Selenium	78-2	231	189	231	217	11.32	cps
Selenium	82-1	1005	1253	1124	1127	11.03	cps
Silicon	28-1	234147	234942	236933	235340	0.61	cps
Silver	109-1	13907	13841	14183	13977	1.30	cps
Silver	107-1	14500	14583	14675	14586	0.60	cps
Sodium	23-2	274012	272626	272943	273193	0.27	cps
Strontium	86-1	4317	4209	4243	4256	1.30	cps
Strontium	88-1	28554	28855	28579	28663	0.58	cps
Sulfur	34-1	479403	485223	485771	483466	0.73	cps
Terbium	159-1	16949035	17279886	17783271	17337398	2.42	cps
Terbium	159-2	7267260	7321760	7388144	7325721	0.83	cps
Thallium	203-1	10346	10671	11088	10702	3.48	cps
Thallium	205-1	24348	24374	25601	24774	2.89	cps
Thorium	232-1	35532	35526	36557	35872	1.65	cps
Tin	118-1	45073	46620	45775	45823	1.69	cps
Titanium	47-1	7602	8119	7844	7855	3.29	cps
Uranium	238-1	36486	36310	37137	36644	1.19	cps
Vanadium	51-2	12582	12869	12742	12731	1.13	cps
Yttrium	89-1	13087536	13537921	13857562	13494340	2.87	cps
Yttrium	89-2	1639777	1654549	1655493	1649940	0.53	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 19:50:54	DataFile Name :	019LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1563	1617	1590	1590	1.68	cps
Zirconium	90-1	16618	17695	17645	17319	3.51	cps
Zirconium	91-1	4067	3851	4017	3979	2.85	cps

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : CCB08 Instrumnet Name : P7
 Client Sample ID : CCB08 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 19:54:33 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	33	17	36	58.07	cps
Antimony	121-1	608	617	600	608	1.37	cps
Arsenic	75-2	4	19	9	10	71.35	cps
Barium	135-1	92	75	92	86	11.18	cps
Barium	137-1	108	142	108	119	16.11	cps
Beryllium	9-1	172	83	94	117	41.51	cps
Bismuth	209-1	10699990	10857427	10908247	10821888	1.00	cps
Bismuth	209-2	5362708	5292659	5302901	5319423	0.71	cps
Boron	10-1	2175	1984	1959	2039	5.81	cps
Boron	11-1	9954	9687	9178	9606	4.10	cps
Cadmium	111-1	4001	4200	4110	4104	2.43	cps
Cadmium	106-1	5651	5985	5868	5835	2.90	cps
Cadmium	108-1	25	21	21	22	10.84	cps
Calcium	43-1	275	333	283	297	10.62	cps
Calcium	44-1	10279	10446	10137	10287	1.50	cps
Chromium	52-2	1153	1057	1050	1087	5.32	cps
Cobalt	59-2	223	180	183	196	12.33	cps
Copper	63-2	1163	1223	1337	1241	7.09	cps
Dysprosium	156-1	58	50	58	56	8.67	cps
Dysprosium	156-2	23	23	7	18	54.11	cps
Erbium	164-1	75	83	125	94	28.37	cps
Erbium	164-2	70	70	60	67	8.66	cps
Gadolinium	160-1	108	75	83	89	19.52	cps
Gadolinium	160-2	243	283	237	254	9.92	cps
Holmium	165-1	17096146	17158669	17249707	17168174	0.45	cps
Holmium	165-2	7552293	7441811	7503815	7499306	0.74	cps
Indium	115-1	13444135	13425583	13446796	13438838	0.09	cps
Indium	115-2	2199181	2198565	2210727	2202825	0.31	cps
Iron	56-2	7508	7552	7313	7458	1.70	cps
Iron	57-2	306	294	300	300	1.85	cps
Krypton	83-1	667	707	547	640	13.01	cps
Lead	206-1	1383	1278	1228	1296	6.13	cps
Lead	207-1	1339	1295	1245	1293	3.66	cps
Lead	208-1	4728	4678	4528	4645	2.24	cps
Lithium	6-1	4498312	4515080	4532794	4515395	0.38	cps
Magnesium	24-2	267	333	167	256	32.83	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P7
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 19:54:33	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	187	177	207	190	8.04	cps
Molybdenum	94-1	450	433	633	506	21.95	cps
Molybdenum	95-1	208	250	158	206	22.33	cps
Molybdenum	96-1	375	308	350	344	9.78	cps
Molybdenum	97-1	208	125	167	167	25.00	cps
Molybdenum	98-1	408	333	417	386	11.89	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	7	13	3	8	65.47	cps
Nickel	60-2	267	250	190	236	17.12	cps
Phosphorus	31-2	142	242	150	178	31.21	cps
Potassium	39-2	23069	23611	24396	23692	2.82	cps
Rhodium	103-1	12216956	12351765	12474911	12347877	1.04	cps
Rhodium	103-2	5332555	5263336	5323535	5306475	0.71	cps
Scandium	45-1	8509128	8583961	8647029	8580039	0.80	cps
Scandium	45-2	344344	346225	345860	345476	0.29	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	52	46	57	52	10.71	cps
Selenium	82-1	-32	-88	134	4	2596.79	cps
Silicon	28-1	169022	168598	170494	169371	0.59	cps
Silver	109-1	108	133	83	108	23.08	cps
Silver	107-1	125	183	208	172	24.83	cps
Sodium	23-2	22376	24563	22593	23177	5.20	cps
Strontium	86-1	1142	875	1067	1028	13.38	cps
Strontium	88-1	300	233	208	247	19.17	cps
Sulfur	34-1	486412	482242	482614	483756	0.48	cps
Terbium	159-1	17459353	17686634	17671926	17605971	0.72	cps
Terbium	159-2	7297380	7334448	7332280	7321369	0.28	cps
Thallium	203-1	767	858	708	778	9.72	cps
Thallium	205-1	1358	1300	1333	1331	2.20	cps
Thorium	232-1	2723	2950	2850	2841	4.02	cps
Tin	118-1	1133	1167	1133	1145	1.68	cps
Titanium	47-1	108	108	92	103	9.36	cps
Uranium	238-1	2759	2525	2809	2698	5.61	cps
Vanadium	51-2	7	23	17	16	53.90	cps
Yttrium	89-1	13737319	13806639	13879665	13807874	0.52	cps
Yttrium	89-2	1661438	1653466	1672077	1662327	0.56	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P7
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 19:54:33	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	253	277	250	260	5.59	cps
Zirconium	90-1	1125	1050	1075	1083	3.53	cps
Zirconium	91-1	225	275	192	231	18.19	cps

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 19:58:13 DataFile Name : 021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2409	2209	2342	2320	4.39	cps
Antimony	121-1	19715	20716	20674	20368	2.78	cps
Arsenic	75-2	343	322	252	306	15.58	cps
Barium	135-1	25499	25499	24364	25121	2.61	cps
Barium	137-1	43202	44054	42608	43288	1.68	cps
Beryllium	9-1	2856	2611	2700	2723	4.55	cps
Bismuth	209-1	10842572	10999014	10821753	10887780	0.89	cps
Bismuth	209-2	5316231	5360212	5437343	5371262	1.14	cps
Boron	10-1	12297	12989	12381	12556	3.01	cps
Boron	11-1	58172	61016	58631	59273	2.58	cps
Cadmium	111-1	7176	7061	7032	7090	1.07	cps
Cadmium	106-1	6235	6210	6235	6227	0.23	cps
Cadmium	108-1	258	283	225	256	11.45	cps
Calcium	43-1	17352	16518	16335	16735	3.24	cps
Calcium	44-1	274894	274081	271954	273643	0.55	cps
Chromium	52-2	7175	7115	7075	7122	0.71	cps
Cobalt	59-2	5234	5068	5144	5149	1.62	cps
Copper	63-2	8449	8696	8579	8575	1.44	cps
Dysprosium	156-1	75	58	108	81	31.60	cps
Dysprosium	156-2	20	43	37	33	36.05	cps
Erbium	164-1	100	108	108	106	4.56	cps
Erbium	164-2	73	43	90	69	34.33	cps
Gadolinium	160-1	125	100	142	122	17.16	cps
Gadolinium	160-2	230	267	270	256	8.68	cps
Holmium	165-1	17607717	17423122	17416063	17482300	0.62	cps
Holmium	165-2	7593536	7575656	7647846	7605679	0.49	cps
Indium	115-1	13499421	13523604	13546195	13523073	0.17	cps
Indium	115-2	2202909	2224948	2246999	2224952	0.99	cps
Iron	56-2	140170	139754	142967	140964	1.24	cps
Iron	57-2	3901	3901	3778	3860	1.83	cps
Krypton	83-1	710	720	617	682	8.35	cps
Lead	206-1	9064	9276	8853	9064	2.33	cps
Lead	207-1	8564	8242	7964	8257	3.64	cps
Lead	208-1	35780	36904	35692	36126	1.87	cps
Lithium	6-1	4600468	4561208	4557947	4573207	0.52	cps
Magnesium	24-2	130935	132876	135391	133068	1.68	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 19:58:13	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1944	1887	2017	1949	3.34	cps
Molybdenum	94-1	21141	20908	21492	21180	1.39	cps
Molybdenum	95-1	26359	27394	26726	26826	1.96	cps
Molybdenum	96-1	29289	29398	30467	29718	2.19	cps
Molybdenum	97-1	16352	16344	16076	16257	0.96	cps
Molybdenum	98-1	42657	42431	41620	42236	1.29	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	13	17	3	11	62.48	cps
Nickel	60-2	1517	1693	1583	1598	5.58	cps
Phosphorus	31-2	592	617	642	617	4.05	cps
Potassium	39-2	127048	130933	132994	130325	2.32	cps
Rhodium	103-1	12564744	12442157	12404367	12470422	0.67	cps
Rhodium	103-2	5275284	5362277	5473720	5370427	1.85	cps
Scandium	45-1	8671360	8554093	8628971	8618141	0.69	cps
Scandium	45-2	342583	349630	352054	348089	1.41	cps
Selenium	77-2	67	43	50	53	22.54	cps
Selenium	78-2	239	230	204	224	8.14	cps
Selenium	82-1	1142	1226	1202	1190	3.63	cps
Silicon	28-1	238361	239174	240968	239501	0.56	cps
Silver	109-1	15059	15034	15392	15162	1.32	cps
Silver	107-1	15576	15576	15501	15551	0.28	cps
Sodium	23-2	268804	270277	271645	270242	0.53	cps
Strontium	86-1	4134	4042	4117	4098	1.19	cps
Strontium	88-1	28955	28680	29022	28886	0.63	cps
Sulfur	34-1	494212	497526	491181	494306	0.64	cps
Terbium	159-1	17971106	17865201	17590643	17808983	1.10	cps
Terbium	159-2	7349144	7281178	7385677	7338666	0.72	cps
Thallium	203-1	10738	10563	10246	10516	2.37	cps
Thallium	205-1	24557	24206	24665	24476	0.98	cps
Thorium	232-1	34507	33649	34290	34149	1.31	cps
Tin	118-1	44137	45299	46243	45226	2.33	cps
Titanium	47-1	7185	7519	7310	7338	2.30	cps
Uranium	238-1	36302	35608	36627	36179	1.44	cps
Vanadium	51-2	12272	12609	13053	12644	3.10	cps
Yttrium	89-1	14021417	14063624	14054322	14046454	0.16	cps
Yttrium	89-2	1649295	1678855	1689907	1672686	1.26	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 19:58:13	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1467	1347	1610	1475	8.94	cps
Zirconium	90-1	16327	16894	16827	16683	1.86	cps
Zirconium	91-1	3667	4176	3659	3834	7.72	cps

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : K5111-07RE Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 20:05:31 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1750	1767	1834	1784	2.47	cps
Antimony	121-1	8353	7919	8144	8139	2.66	cps
Arsenic	75-2	293	298	263	285	6.65	cps
Barium	135-1	9053	10096	10079	9743	6.13	cps
Barium	137-1	16677	16594	17261	16844	2.16	cps
Beryllium	9-1	2084	2272	2161	2172	4.37	cps
Bismuth	209-1	10937498	11059017	11009096	11001870	0.56	cps
Bismuth	209-2	5395522	5468931	5491374	5451942	0.92	cps
Boron	10-1	1642	1817	1600	1686	6.82	cps
Boron	11-1	8386	8678	8194	8419	2.89	cps
Cadmium	111-1	6401	6463	6182	6349	2.32	cps
Cadmium	106-1	6010	6177	5668	5952	4.36	cps
Cadmium	108-1	229	229	188	215	11.18	cps
Calcium	43-1	2434	3484	3384	3100	18.70	cps
Calcium	44-1	53221	54108	54008	53779	0.90	cps
Chromium	52-2	3507	3717	3627	3617	2.91	cps
Cobalt	59-2	4391	4137	4467	4332	3.99	cps
Copper	63-2	6655	6875	6838	6789	1.74	cps
Dysprosium	156-1	58	83	100	81	26.03	cps
Dysprosium	156-2	30	13	30	24	39.37	cps
Erbium	164-1	125	92	117	111	15.61	cps
Erbium	164-2	60	97	57	71	31.21	cps
Gadolinium	160-1	108	117	100	108	7.69	cps
Gadolinium	160-2	233	230	290	251	13.43	cps
Holmium	165-1	17388670	17781474	17432427	17534190	1.23	cps
Holmium	165-2	7683150	7751129	7738109	7724129	0.47	cps
Indium	115-1	13735887	14031007	13814962	13860619	1.10	cps
Indium	115-2	2241866	2256368	2284656	2260963	0.96	cps
Iron	56-2	108704	109774	109960	109479	0.62	cps
Iron	57-2	2673	2889	2995	2852	5.76	cps
Krypton	83-1	663	543	667	624	11.25	cps
Lead	206-1	7386	7791	7235	7471	3.85	cps
Lead	207-1	6852	7069	6869	6930	1.74	cps
Lead	208-1	30003	30753	29986	30247	1.45	cps
Lithium	6-1	4569138	4602940	4570253	4580777	0.42	cps
Magnesium	24-2	20849	21057	20515	20807	1.31	cps

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : K5111-07RE Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 20:05:31 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3050	2974	3030	3018	1.32	cps
Molybdenum	94-1	16735	16644	16093	16491	2.11	cps
Molybdenum	95-1	19639	20348	19798	19928	1.87	cps
Molybdenum	96-1	22569	22085	23136	22596	2.33	cps
Molybdenum	97-1	12414	12690	13782	12962	5.58	cps
Molybdenum	98-1	31920	32655	31469	32015	1.87	cps
Neodymium	150-1	27	13	0	13	100.01	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	1357	1393	1283	1345	4.17	cps
Phosphorus	31-2	308	208	200	239	25.24	cps
Potassium	39-2	32796	32194	32545	32511	0.93	cps
Rhodium	103-1	12666536	12690492	12687075	12681368	0.10	cps
Rhodium	103-2	5465696	5438126	5515184	5473002	0.71	cps
Scandium	45-1	8786477	8940494	8886223	8871065	0.88	cps
Scandium	45-2	356665	359372	360686	358907	0.57	cps
Selenium	77-2	20	3	0	8	137.80	cps
Selenium	78-2	83	80	76	80	4.65	cps
Selenium	82-1	192	280	148	207	32.49	cps
Silicon	28-1	184617	184944	184937	184833	0.10	cps
Silver	109-1	10421	10988	10813	10741	2.70	cps
Silver	107-1	11238	11864	11939	11680	3.29	cps
Sodium	23-2	61050	60984	61025	61020	0.05	cps
Strontium	86-1	3734	4117	3876	3909	4.96	cps
Strontium	88-1	22669	22644	23236	22850	1.47	cps
Sulfur	34-1	494875	500685	500866	498809	0.68	cps
Terbium	159-1	17737959	17896835	17793543	17809446	0.45	cps
Terbium	159-2	7460404	7493657	7485776	7479946	0.23	cps
Thallium	203-1	8878	7886	8545	8436	5.99	cps
Thallium	205-1	19957	20583	19866	20135	1.94	cps
Thorium	232-1	28048	28409	27329	27929	1.97	cps
Tin	118-1	7978	7669	7803	7816	1.98	cps
Titanium	47-1	6010	5643	6093	5915	4.05	cps
Uranium	238-1	28783	29534	29134	29150	1.29	cps
Vanadium	51-2	1843	1897	1963	1901	3.16	cps
Yttrium	89-1	14223650	14255895	14268725	14249424	0.16	cps
Yttrium	89-2	1705470	1713325	1739975	1719590	1.05	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	K5111-07RE	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 20:05:31	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1280	1263	1407	1317	5.95	cps
Zirconium	90-1	13999	13182	13248	13476	3.37	cps
Zirconium	91-1	3100	2867	3017	2995	3.95	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	K5111-09RE	Instrumnet Name :	P7
Client Sample ID :	MDL-MDL-WATER-03-Q	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 20:09:46	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	600	500	408	503	19.07	cps
Antimony	121-1	2425	2584	2784	2598	6.91	cps
Arsenic	75-2	93	70	87	83	13.88	cps
Barium	135-1	3017	3401	3326	3248	6.26	cps
Barium	137-1	5168	5034	5368	5190	3.23	cps
Beryllium	9-1	711	689	761	720	5.14	cps
Bismuth	209-1	11078478	10967800	10969041	11005106	0.58	cps
Bismuth	209-2	5348563	5502998	5510620	5454060	1.68	cps
Boron	10-1	1342	1350	1300	1331	2.01	cps
Boron	11-1	6418	6327	5901	6215	4.44	cps
Cadmium	111-1	4694	4876	4871	4814	2.16	cps
Cadmium	106-1	5776	5960	5968	5901	1.84	cps
Cadmium	108-1	71	83	75	76	8.34	cps
Calcium	43-1	1200	1117	1217	1178	4.55	cps
Calcium	44-1	24296	23970	24805	24357	1.73	cps
Chromium	52-2	2030	1877	1883	1930	4.49	cps
Cobalt	59-2	1420	1450	1277	1382	6.70	cps
Copper	63-2	2974	2927	3017	2973	1.51	cps
Dysprosium	156-1	83	125	58	89	37.89	cps
Dysprosium	156-2	20	17	53	30	67.58	cps
Erbium	164-1	108	125	117	117	7.14	cps
Erbium	164-2	50	57	87	64	30.31	cps
Gadolinium	160-1	75	125	167	122	37.55	cps
Gadolinium	160-2	270	233	233	246	8.62	cps
Holmium	165-1	17716026	17332102	17510501	17519543	1.10	cps
Holmium	165-2	7643033	7781353	7817125	7747170	1.19	cps
Indium	115-1	14023926	13788106	13812912	13874981	0.93	cps
Indium	115-2	2253269	2312946	2304444	2290220	1.41	cps
Iron	56-2	38434	39186	38958	38859	0.99	cps
Iron	57-2	1239	1100	1083	1141	7.49	cps
Krypton	83-1	723	673	687	694	3.73	cps
Lead	206-1	2906	3256	2867	3010	7.12	cps
Lead	207-1	2967	2873	2806	2882	2.81	cps
Lead	208-1	11836	12002	11741	11860	1.12	cps
Lithium	6-1	4645807	4621693	4640538	4636013	0.27	cps
Magnesium	24-2	6493	6585	6693	6591	1.52	cps

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : K5111-09RE Instrumnet Name : P7
 Client Sample ID : MDL-MDL-WATER-03-Q Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 20:09:46 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1027	1120	960	1036	7.76	cps
Molybdenum	94-1	5301	5351	5801	5485	5.02	cps
Molybdenum	95-1	6652	6168	6152	6324	4.49	cps
Molybdenum	96-1	7110	7261	7252	7208	1.17	cps
Molybdenum	97-1	3934	3834	4284	4017	5.88	cps
Molybdenum	98-1	9962	10146	10321	10143	1.77	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	983	1073	1070	1042	4.90	cps
Phosphorus	31-2	200	167	217	194	13.10	cps
Potassium	39-2	26308	27451	26149	26636	2.67	cps
Rhodium	103-1	12865338	12551658	12575601	12664199	1.38	cps
Rhodium	103-2	5452674	5510709	5549134	5504172	0.88	cps
Scandium	45-1	9056957	8850567	8831113	8912879	1.40	cps
Scandium	45-2	354990	367146	366126	362754	1.86	cps
Selenium	77-2	10	0	0	3	173.21	cps
Selenium	78-2	76	72	81	77	6.09	cps
Selenium	82-1	33	67	38	46	39.81	cps
Silicon	28-1	182661	180181	181903	181582	0.70	cps
Silver	109-1	3692	3184	3109	3328	9.54	cps
Silver	107-1	3401	3434	3701	3512	4.68	cps
Sodium	23-2	31985	31735	32678	32132	1.52	cps
Strontium	86-1	2150	1950	1992	2031	5.20	cps
Strontium	88-1	7802	7127	7302	7411	4.73	cps
Sulfur	34-1	503220	498049	498815	500028	0.56	cps
Terbium	159-1	17932213	17930168	17805686	17889356	0.41	cps
Terbium	159-2	7512819	7616396	7621652	7583622	0.81	cps
Thallium	203-1	3075	3251	2975	3100	4.49	cps
Thallium	205-1	6460	6944	6594	6666	3.75	cps
Thorium	232-1	10382	10088	10282	10251	1.46	cps
Tin	118-1	3042	2834	3209	3028	6.21	cps
Titanium	47-1	1700	1984	2117	1934	11.01	cps
Uranium	238-1	11105	11531	10380	11005	5.29	cps
Vanadium	51-2	617	597	513	576	9.52	cps
Yttrium	89-1	14344010	14192955	14211526	14249497	0.58	cps
Yttrium	89-2	1728635	1729244	1742818	1733566	0.46	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	K5111-09RE	Instrumnet Name :	P7
Client Sample ID :	MDL-MDL-WATER-03-Q	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 20:09:46	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	787	677	753	739	7.63	cps
Zirconium	90-1	4826	5018	4901	4915	1.97	cps
Zirconium	91-1	1000	900	1008	970	6.22	cps

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : K5111-07 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 20:19:59 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1825	1917	1742	1828	4.79	cps
Antimony	121-1	8119	8336	8369	8275	1.64	cps
Arsenic	75-2	243	309	256	269	13.13	cps
Barium	135-1	10546	10037	10471	10351	2.65	cps
Barium	137-1	17036	17929	18146	17704	3.32	cps
Beryllium	9-1	2134	2289	2272	2232	3.83	cps
Bismuth	209-1	11199140	11071663	11426616	11232473	1.60	cps
Bismuth	209-2	5469832	5485458	5538458	5497916	0.65	cps
Boron	10-1	1308	1358	1333	1333	1.87	cps
Boron	11-1	5876	6026	6126	6010	2.09	cps
Cadmium	111-1	6884	6583	6812	6760	2.33	cps
Cadmium	106-1	6293	6010	6360	6221	2.99	cps
Cadmium	108-1	221	196	171	196	12.77	cps
Calcium	43-1	3109	3209	2942	3087	4.37	cps
Calcium	44-1	56241	55857	56935	56344	0.97	cps
Chromium	52-2	3691	3747	3631	3689	1.58	cps
Cobalt	59-2	4387	4424	4554	4455	1.97	cps
Copper	63-2	7229	7229	7262	7240	0.27	cps
Dysprosium	156-1	125	58	100	94	35.66	cps
Dysprosium	156-2	10	30	30	23	49.49	cps
Erbium	164-1	100	117	75	97	21.57	cps
Erbium	164-2	73	73	80	76	5.09	cps
Gadolinium	160-1	83	92	92	89	5.41	cps
Gadolinium	160-2	267	260	223	250	9.33	cps
Holmium	165-1	17921620	17910458	18043394	17958491	0.41	cps
Holmium	165-2	7854481	7702928	7788585	7781998	0.98	cps
Indium	115-1	14090329	14047496	14089620	14075815	0.17	cps
Indium	115-2	2267747	2278292	2269747	2271929	0.25	cps
Iron	56-2	111307	110989	112462	111586	0.69	cps
Iron	57-2	2934	2673	2806	2804	4.66	cps
Krypton	83-1	640	753	710	701	8.16	cps
Lead	206-1	7880	7814	7241	7645	4.60	cps
Lead	207-1	6657	6858	7063	6859	2.96	cps
Lead	208-1	30381	31065	30236	30561	1.45	cps
Lithium	6-1	4731042	4730580	4758727	4740116	0.34	cps
Magnesium	24-2	21291	21708	20924	21308	1.84	cps

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : K5111-07 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 20:19:59 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2910	3127	3047	3028	3.62	cps
Molybdenum	94-1	17553	17428	16552	17178	3.18	cps
Molybdenum	95-1	21041	21041	21684	21255	1.75	cps
Molybdenum	96-1	23320	23345	24472	23712	2.78	cps
Molybdenum	97-1	13874	13240	13365	13493	2.49	cps
Molybdenum	98-1	33607	33482	33750	33613	0.40	cps
Neodymium	150-1	20	7	13	13	49.99	cps
Neodymium	150-2	3	10	7	7	50.03	cps
Nickel	60-2	1250	1423	1437	1370	7.60	cps
Phosphorus	31-2	292	242	308	281	12.37	cps
Potassium	39-2	31292	33689	32002	32328	3.81	cps
Rhodium	103-1	12843027	12975018	13264342	13027463	1.65	cps
Rhodium	103-2	5458610	5492541	5491266	5480805	0.35	cps
Scandium	45-1	9133926	9052444	9196004	9127458	0.79	cps
Scandium	45-2	353464	360862	361465	358597	1.24	cps
Selenium	77-2	0	17	0	6	173.21	cps
Selenium	78-2	93	65	67	75	20.79	cps
Selenium	82-1	264	152	174	196	30.21	cps
Silicon	28-1	185622	184776	185706	185368	0.28	cps
Silver	109-1	10538	11572	11038	11049	4.68	cps
Silver	107-1	11480	11405	11989	11625	2.73	cps
Sodium	23-2	58682	61025	59519	59742	1.99	cps
Strontium	86-1	3467	3717	4059	3748	7.93	cps
Strontium	88-1	23929	23553	24447	23976	1.87	cps
Sulfur	34-1	506009	505321	499726	503686	0.68	cps
Terbium	159-1	18352359	18193890	18455122	18333790	0.72	cps
Terbium	159-2	7566984	7539564	7542605	7549718	0.20	cps
Thallium	203-1	9562	9362	8511	9145	6.10	cps
Thallium	205-1	20458	20249	20458	20389	0.59	cps
Thorium	232-1	27513	27067	28304	27628	2.27	cps
Tin	118-1	7802	8003	8286	8030	3.03	cps
Titanium	47-1	6435	6343	6093	6291	2.81	cps
Uranium	238-1	29643	29434	29952	29676	0.88	cps
Vanadium	51-2	2040	2004	2110	2051	2.64	cps
Yttrium	89-1	14719685	14538146	14522737	14593522	0.75	cps
Yttrium	89-2	1736575	1746863	1737018	1740152	0.33	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	K5111-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 20:19:59	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1667	1680	1697	1681	0.89	cps
Zirconium	90-1	14541	14341	13607	14163	3.47	cps
Zirconium	91-1	3501	3100	2909	3170	9.53	cps

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : K5111-09 Instrumnet Name : P7
 Client Sample ID : MDL-MDL-WATER-03-Q Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 20:23:39 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	508	575	567	550	6.60	cps
Antimony	121-1	2492	2809	2634	2645	6.00	cps
Arsenic	75-2	93	107	81	94	13.87	cps
Barium	135-1	3000	3034	2875	2970	2.81	cps
Barium	137-1	5510	4951	5360	5273	5.48	cps
Beryllium	9-1	744	744	650	713	7.65	cps
Bismuth	209-1	11178045	11158367	11203957	11180123	0.20	cps
Bismuth	209-2	5439606	5505262	5530810	5491893	0.86	cps
Boron	10-1	958	892	1150	1000	13.41	cps
Boron	11-1	5143	5193	5026	5121	1.67	cps
Cadmium	111-1	4671	4964	4839	4825	3.05	cps
Cadmium	106-1	5768	6093	5843	5901	2.89	cps
Cadmium	108-1	71	67	108	82	28.01	cps
Calcium	43-1	1008	1117	1217	1114	9.35	cps
Calcium	44-1	24513	24421	23553	24162	2.19	cps
Chromium	52-2	1920	1997	1890	1936	2.84	cps
Cobalt	59-2	1387	1450	1427	1421	2.25	cps
Copper	63-2	2997	3094	2897	2996	3.28	cps
Dysprosium	156-1	83	92	67	81	15.80	cps
Dysprosium	156-2	30	17	23	23	28.56	cps
Erbium	164-1	75	100	117	97	21.57	cps
Erbium	164-2	53	70	63	62	13.48	cps
Gadolinium	160-1	75	100	92	89	14.33	cps
Gadolinium	160-2	200	267	260	242	15.16	cps
Holmium	165-1	18025141	17508499	17818311	17783984	1.46	cps
Holmium	165-2	7788746	7844081	7845416	7826081	0.41	cps
Indium	115-1	13990046	13929338	13846428	13921937	0.52	cps
Indium	115-2	2266009	2288766	2319713	2291496	1.18	cps
Iron	56-2	38802	38919	38646	38789	0.35	cps
Iron	57-2	1195	1178	1039	1137	7.51	cps
Krypton	83-1	593	693	677	654	8.19	cps
Lead	206-1	3201	3095	3200	3165	1.93	cps
Lead	207-1	2873	2723	2634	2743	4.40	cps
Lead	208-1	11747	11780	11752	11760	0.15	cps
Lithium	6-1	4722807	4708096	4708571	4713158	0.18	cps
Magnesium	24-2	6285	6852	6677	6604	4.40	cps

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : K5111-09 Instrumnet Name : P7
 Client Sample ID : MDL-MDL-WATER-03-Q Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 20:23:39 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1030	1000	940	990	4.63	cps
Molybdenum	94-1	5193	5426	5618	5412	3.93	cps
Molybdenum	95-1	6718	6168	6335	6407	4.40	cps
Molybdenum	96-1	7185	7627	7277	7363	3.17	cps
Molybdenum	97-1	3901	3626	3584	3703	4.65	cps
Molybdenum	98-1	10838	10413	9854	10368	4.76	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	0	13	6	124.93	cps
Nickel	60-2	920	1037	1083	1013	8.30	cps
Phosphorus	31-2	217	242	108	189	37.52	cps
Potassium	39-2	24730	26433	26416	25860	3.78	cps
Rhodium	103-1	12637289	12774744	12895890	12769308	1.01	cps
Rhodium	103-2	5453138	5496929	5551386	5500484	0.89	cps
Scandium	45-1	9087524	8963872	9010701	9020699	0.69	cps
Scandium	45-2	362770	359941	366162	362958	0.86	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	63	61	57	60	4.67	cps
Selenium	82-1	165	118	92	125	29.32	cps
Silicon	28-1	181167	181244	182476	181629	0.40	cps
Silver	109-1	3567	3242	3517	3442	5.09	cps
Silver	107-1	3509	3592	3676	3592	2.32	cps
Sodium	23-2	30365	30315	30056	30245	0.55	cps
Strontium	86-1	2050	1800	2084	1978	7.83	cps
Strontium	88-1	7536	7319	7102	7319	2.96	cps
Sulfur	34-1	501821	499348	499521	500230	0.28	cps
Terbium	159-1	18360433	17976891	18221001	18186108	1.07	cps
Terbium	159-2	7599658	7632192	7573533	7601794	0.39	cps
Thallium	203-1	3117	3184	3192	3164	1.30	cps
Thallium	205-1	6402	6352	6844	6532	4.14	cps
Thorium	232-1	10288	10566	9926	10260	3.12	cps
Tin	118-1	2942	2784	3151	2959	6.22	cps
Titanium	47-1	2109	2059	2184	2117	2.97	cps
Uranium	238-1	11072	10947	10655	10891	1.97	cps
Vanadium	51-2	617	663	563	614	8.14	cps
Yttrium	89-1	14471818	14461356	14268984	14400719	0.79	cps
Yttrium	89-2	1724816	1720187	1744130	1729711	0.73	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	K5111-09	Instrumnet Name :	P7
Client Sample ID :	MDL-MDL-WATER-03-Q	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 20:23:39	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	747	753	817	772	5.00	cps
Zirconium	90-1	5193	4909	4367	4823	8.69	cps
Zirconium	91-1	883	1025	1000	970	7.80	cps

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : K5111-01 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-SOIL-01-QT4- Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 20:27:19 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1884	1842	1750	1825	3.74	cps
Antimony	121-1	7736	7903	8561	8067	5.41	cps
Arsenic	75-2	248	243	309	267	13.87	cps
Barium	135-1	10346	9946	9979	10090	2.20	cps
Barium	137-1	16878	16727	17186	16930	1.38	cps
Beryllium	9-1	2195	2367	2084	2215	6.45	cps
Bismuth	209-1	11045407	11258214	11020210	11107944	1.18	cps
Bismuth	209-2	5607120	5525336	5621070	5584509	0.93	cps
Boron	10-1	1150	1025	1050	1075	6.15	cps
Boron	11-1	5626	5209	5426	5421	3.85	cps
Cadmium	111-1	6607	6794	6589	6663	1.71	cps
Cadmium	106-1	6193	6293	6052	6179	1.97	cps
Cadmium	108-1	196	213	175	194	9.66	cps
Calcium	43-1	2809	2975	3259	3014	7.55	cps
Calcium	44-1	53255	53874	55037	54055	1.67	cps
Chromium	52-2	3724	3517	3490	3577	3.57	cps
Cobalt	59-2	4234	4397	4394	4342	2.15	cps
Copper	63-2	7502	6848	6932	7094	5.02	cps
Dysprosium	156-1	42	92	117	83	45.82	cps
Dysprosium	156-2	23	23	30	26	15.07	cps
Erbium	164-1	92	117	108	106	12.06	cps
Erbium	164-2	53	40	47	47	14.28	cps
Gadolinium	160-1	100	25	50	58	65.47	cps
Gadolinium	160-2	267	273	327	289	11.38	cps
Holmium	165-1	17647241	17760185	17647545	17684990	0.37	cps
Holmium	165-2	8028508	7824926	7909727	7921054	1.29	cps
Indium	115-1	13775039	13896826	13779547	13817138	0.50	cps
Indium	115-2	2317947	2295883	2356087	2323306	1.31	cps
Iron	56-2	111039	111549	111135	111241	0.24	cps
Iron	57-2	3078	2978	3189	3082	3.43	cps
Krypton	83-1	703	663	763	710	7.09	cps
Lead	206-1	7964	7869	7658	7830	2.00	cps
Lead	207-1	6535	6852	6935	6774	3.12	cps
Lead	208-1	30086	30631	30520	30412	0.95	cps
Lithium	6-1	4648903	4710995	4682961	4680953	0.66	cps
Magnesium	24-2	21357	21182	21875	21472	1.68	cps

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : K5111-01 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-SOIL-01-QT4- Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 20:27:19 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2974	3060	3114	3049	2.32	cps
Molybdenum	94-1	16577	16018	16185	16260	1.77	cps
Molybdenum	95-1	20007	20190	20474	20223	1.16	cps
Molybdenum	96-1	23253	21801	23261	22772	3.69	cps
Molybdenum	97-1	12881	13282	12464	12876	3.17	cps
Molybdenum	98-1	32363	32438	32188	32329	0.40	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	1457	1440	1347	1415	4.19	cps
Phosphorus	31-2	200	208	208	206	2.34	cps
Potassium	39-2	31969	33322	32804	32698	2.09	cps
Rhodium	103-1	12751960	12773922	12610347	12712076	0.70	cps
Rhodium	103-2	5586964	5533653	5638242	5586287	0.94	cps
Scandium	45-1	8860487	8923480	8895736	8893234	0.36	cps
Scandium	45-2	362373	360166	363640	362059	0.49	cps
Selenium	77-2	10	3	0	4	114.60	cps
Selenium	78-2	83	107	67	86	23.87	cps
Selenium	82-1	182	171	65	139	46.34	cps
Silicon	28-1	180485	181683	182643	181603	0.60	cps
Silver	109-1	10705	11113	10729	10849	2.11	cps
Silver	107-1	12264	11080	11322	11555	5.42	cps
Sodium	23-2	57854	57427	58649	57976	1.07	cps
Strontium	86-1	3784	3626	3617	3676	2.56	cps
Strontium	88-1	23996	22702	22619	23106	3.34	cps
Sulfur	34-1	505037	496152	493945	498378	1.18	cps
Terbium	159-1	18027748	18061853	17821339	17970313	0.72	cps
Terbium	159-2	7739291	7592302	7734337	7688644	1.09	cps
Thallium	203-1	8762	9012	8320	8698	4.03	cps
Thallium	205-1	19023	20492	20166	19893	3.88	cps
Thorium	232-1	27156	27390	27279	27275	0.43	cps
Tin	118-1	7461	7694	7761	7638	2.06	cps
Titanium	47-1	5901	5868	5860	5876	0.38	cps
Uranium	238-1	28950	29426	29885	29420	1.59	cps
Vanadium	51-2	2024	2027	1997	2016	0.82	cps
Yttrium	89-1	14031139	14310734	14231914	14191262	1.02	cps
Yttrium	89-2	1762076	1756139	1763522	1760579	0.22	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	K5111-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT4-	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 20:27:19	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1617	1700	1703	1673	2.93	cps
Zirconium	90-1	13532	13465	13240	13412	1.14	cps
Zirconium	91-1	2825	2634	3226	2895	10.43	cps

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : K5111-03 Instrumnet Name : P7
 Client Sample ID : MDL-MDL-SOIL-03-QT4- Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 20:30:59 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	533	608	517	553	8.83	cps
Antimony	121-1	2500	2700	2592	2598	3.86	cps
Arsenic	75-2	63	83	67	71	15.28	cps
Barium	135-1	3067	3000	3526	3198	8.94	cps
Barium	137-1	5243	5251	5560	5351	3.37	cps
Beryllium	9-1	811	717	717	748	7.29	cps
Bismuth	209-1	11070837	11314337	11314659	11233278	1.25	cps
Bismuth	209-2	5364212	5428151	5488238	5426867	1.14	cps
Boron	10-1	958	1075	933	989	7.65	cps
Boron	11-1	4634	4351	4351	4445	3.68	cps
Cadmium	111-1	5367	5438	5177	5327	2.54	cps
Cadmium	106-1	6660	6660	6418	6580	2.12	cps
Cadmium	108-1	58	58	71	63	11.56	cps
Calcium	43-1	1217	1258	1250	1242	1.78	cps
Calcium	44-1	23653	22868	23686	23403	1.98	cps
Chromium	52-2	1927	1937	1940	1935	0.36	cps
Cobalt	59-2	1303	1473	1377	1385	6.16	cps
Copper	63-2	3050	3290	3230	3190	3.92	cps
Dysprosium	156-1	50	83	83	72	26.65	cps
Dysprosium	156-2	30	20	17	22	31.22	cps
Erbium	164-1	92	92	108	97	9.90	cps
Erbium	164-2	53	93	63	70	29.75	cps
Gadolinium	160-1	125	142	133	133	6.25	cps
Gadolinium	160-2	220	217	283	240	15.65	cps
Holmium	165-1	17661719	17981918	17709160	17784266	0.97	cps
Holmium	165-2	7670486	7699819	7682677	7684327	0.19	cps
Indium	115-1	13758858	13964240	14030894	13917997	1.02	cps
Indium	115-2	2212860	2250115	2251317	2238097	0.98	cps
Iron	56-2	37688	37966	37777	37810	0.38	cps
Iron	57-2	939	1100	1061	1033	8.14	cps
Krypton	83-1	727	663	693	694	4.56	cps
Lead	206-1	3395	3250	3267	3304	2.39	cps
Lead	207-1	2667	2778	2812	2752	2.75	cps
Lead	208-1	12091	11958	12019	12023	0.56	cps
Lithium	6-1	4729451	4745098	4746231	4740260	0.20	cps
Magnesium	24-2	6752	6160	6293	6402	4.85	cps

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : K5111-03 Instrumnet Name : P7
 Client Sample ID : MDL-MDL-SOIL-03-QT4- Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 20:30:59 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1030	1000	1033	1021	1.80	cps
Molybdenum	94-1	5585	5710	5218	5504	4.64	cps
Molybdenum	95-1	6243	6527	6443	6404	2.27	cps
Molybdenum	96-1	7269	7527	7094	7297	2.99	cps
Molybdenum	97-1	4084	4101	4059	4081	0.51	cps
Molybdenum	98-1	10504	9770	10721	10332	4.82	cps
Neodymium	150-1	13	27	0	13	100.01	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	1077	917	910	968	9.75	cps
Phosphorus	31-2	175	217	150	181	18.65	cps
Potassium	39-2	26483	25923	27017	26474	2.07	cps
Rhodium	103-1	12800073	12904481	12807964	12837506	0.45	cps
Rhodium	103-2	5368278	5447402	5445875	5420518	0.83	cps
Scandium	45-1	9005595	9112656	9063974	9060742	0.59	cps
Scandium	45-2	354201	353455	353221	353626	0.14	cps
Selenium	77-2	3	3	10	6	69.34	cps
Selenium	78-2	67	63	69	66	4.29	cps
Selenium	82-1	61	72	109	81	31.11	cps
Silicon	28-1	181841	182566	182829	182412	0.28	cps
Silver	109-1	3709	3426	3651	3595	4.16	cps
Silver	107-1	3559	3826	3784	3723	3.85	cps
Sodium	23-2	29438	29688	28645	29257	1.86	cps
Strontium	86-1	1984	1684	1867	1845	8.20	cps
Strontium	88-1	7511	7427	7844	7594	2.91	cps
Sulfur	34-1	502064	502872	505258	503398	0.33	cps
Terbium	159-1	17826167	18378782	18281689	18162213	1.62	cps
Terbium	159-2	7493109	7464536	7395337	7450994	0.67	cps
Thallium	203-1	2892	3276	2992	3053	6.51	cps
Thallium	205-1	6677	6402	7086	6721	5.12	cps
Thorium	232-1	9637	10188	10071	9965	2.91	cps
Tin	118-1	3150	3101	2934	3062	3.71	cps
Titanium	47-1	1917	1934	2092	1981	4.88	cps
Uranium	238-1	10613	11164	11038	10938	2.64	cps
Vanadium	51-2	610	667	703	660	7.12	cps
Yttrium	89-1	14154456	14464405	14344238	14321033	1.09	cps
Yttrium	89-2	1665245	1710808	1690724	1688926	1.35	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	K5111-03	Instrumnet Name :	P7
Client Sample ID :	MDL-MDL-SOIL-03-QT4-	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 20:30:59	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	813	787	837	812	3.08	cps
Zirconium	90-1	4909	5018	4859	4929	1.64	cps
Zirconium	91-1	1183	1008	1242	1145	10.61	cps

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : PB125715BL Instrumnet Name : P7
 Client Sample ID : PB125715BL Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 20:34:40 DataFile Name : 030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	33	25	33	25.01	cps
Antimony	121-1	150	233	225	203	22.63	cps
Arsenic	75-2	2	7	9	6	62.47	cps
Barium	135-1	42	50	8	33	66.15	cps
Barium	137-1	117	50	92	86	39.11	cps
Beryllium	9-1	72	100	78	83	17.64	cps
Bismuth	209-1	11087727	11272567	11095744	11152012	0.94	cps
Bismuth	209-2	5608036	5534283	5332677	5491665	2.60	cps
Boron	10-1	675	700	758	711	6.01	cps
Boron	11-1	3209	3175	3250	3212	1.17	cps
Cadmium	111-1	4101	4506	4421	4343	4.91	cps
Cadmium	106-1	5851	6402	6310	6188	4.76	cps
Cadmium	108-1	17	13	13	14	17.33	cps
Calcium	43-1	275	333	350	319	12.33	cps
Calcium	44-1	9153	9604	9562	9440	2.64	cps
Chromium	52-2	1127	1180	1247	1185	5.08	cps
Cobalt	59-2	160	147	147	151	5.09	cps
Copper	63-2	1170	1140	1030	1113	6.62	cps
Dysprosium	156-1	58	42	75	58	28.57	cps
Dysprosium	156-2	23	17	17	19	20.36	cps
Erbium	164-1	167	158	75	133	38.02	cps
Erbium	164-2	47	60	77	61	24.60	cps
Gadolinium	160-1	117	125	142	128	9.96	cps
Gadolinium	160-2	290	227	263	260	12.23	cps
Holmium	165-1	17791152	17738193	17730724	17753356	0.19	cps
Holmium	165-2	7894734	7844844	7449489	7729689	3.16	cps
Indium	115-1	13923303	14002850	13957525	13961226	0.29	cps
Indium	115-2	2312308	2310895	2165921	2263041	3.72	cps
Iron	56-2	7046	6824	7313	7061	3.47	cps
Iron	57-2	267	261	394	307	24.54	cps
Krypton	83-1	610	760	663	678	11.22	cps
Lead	206-1	1239	1117	1017	1124	9.90	cps
Lead	207-1	1028	1072	1000	1033	3.53	cps
Lead	208-1	4200	4056	3845	4034	4.43	cps
Lithium	6-1	4701471	4750785	4748780	4733679	0.59	cps
Magnesium	24-2	383	275	242	300	24.69	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	PB125715BL	Instrumnet Name :	P7
Client Sample ID :	PB125715BL	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 20:34:40	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	153	160	130	148	10.66	cps
Molybdenum	94-1	408	367	450	408	10.20	cps
Molybdenum	95-1	158	117	142	139	15.10	cps
Molybdenum	96-1	233	233	233	233	0.00	cps
Molybdenum	97-1	158	108	117	128	20.96	cps
Molybdenum	98-1	217	217	275	236	14.26	cps
Neodymium	150-1	0	7	27	11	124.89	cps
Neodymium	150-2	10	7	10	9	21.63	cps
Nickel	60-2	233	150	243	209	24.53	cps
Phosphorus	31-2	158	183	150	164	10.58	cps
Potassium	39-2	22434	22685	22919	22679	1.07	cps
Rhodium	103-1	12868918	12951396	12884903	12901739	0.34	cps
Rhodium	103-2	5536198	5580343	5210355	5442299	3.71	cps
Scandium	45-1	9111430	9063815	9075818	9083688	0.27	cps
Scandium	45-2	359372	362286	336246	352635	4.05	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	46	44	39	43	8.92	cps
Selenium	82-1	49	-81	-2	-11	-590.41	cps
Silicon	28-1	176000	173166	175500	174889	0.87	cps
Silver	109-1	17	150	50	72	96.08	cps
Silver	107-1	142	250	142	178	35.18	cps
Sodium	23-2	16551	16827	16760	16713	0.86	cps
Strontium	86-1	892	1100	1125	1039	12.33	cps
Strontium	88-1	333	325	283	314	8.53	cps
Sulfur	34-1	498383	493189	492095	494556	0.68	cps
Terbium	159-1	18133372	18127584	18128056	18129671	0.02	cps
Terbium	159-2	7653454	7696006	7150380	7499947	4.05	cps
Thallium	203-1	700	433	600	578	23.32	cps
Thallium	205-1	858	817	867	847	3.16	cps
Thorium	232-1	2356	2178	2517	2350	7.21	cps
Tin	118-1	800	925	958	895	9.33	cps
Titanium	47-1	175	175	142	164	11.74	cps
Uranium	238-1	2875	2575	2350	2600	10.13	cps
Vanadium	51-2	7	23	13	14	58.06	cps
Yttrium	89-1	14300476	14394261	14447327	14380688	0.52	cps
Yttrium	89-2	1737520	1743966	1660884	1714123	2.70	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	PB125715BL	Instrumnet Name :	P7
Client Sample ID :	PB125715BL	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 20:34:40	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	260	307	267	278	9.09	cps
Zirconium	90-1	883	933	900	906	2.81	cps
Zirconium	91-1	308	283	242	278	12.12	cps

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : PB125715BS Instrumnet Name : P7
 Client Sample ID : PB125715BS Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 20:38:18 DataFile Name : 031LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	981451	966100	956773	968108	1.29	cps
Antimony	121-1	5175366	5108276	5118344	5133995	0.70	cps
Arsenic	75-2	149921	149654	148075	149217	0.67	cps
Barium	135-1	6211027	6163898	6189394	6188106	0.38	cps
Barium	137-1	10744183	10597393	10616552	10652709	0.75	cps
Beryllium	9-1	1246115	1218662	1211630	1225469	1.49	cps
Bismuth	209-1	10882017	10882640	10886984	10883880	0.02	cps
Bismuth	209-2	5192722	5207213	5236246	5212060	0.43	cps
Boron	10-1	211816	212095	214574	212828	0.71	cps
Boron	11-1	1002968	983748	994290	993669	0.97	cps
Cadmium	111-1	1474588	1476081	1490672	1480447	0.60	cps
Cadmium	106-1	175609	173164	175464	174746	0.78	cps
Cadmium	108-1	114492	114693	114433	114539	0.12	cps
Calcium	43-1	1695034	1642986	1635371	1657797	1.96	cps
Calcium	44-1	27195208	26876831	26825428	26965822	0.74	cps
Chromium	52-2	1410970	1407593	1395989	1404851	0.56	cps
Cobalt	59-2	2320024	2297582	2335477	2317694	0.82	cps
Copper	63-2	3240804	3217548	3207068	3221807	0.54	cps
Dysprosium	156-1	125	175	208	169	24.75	cps
Dysprosium	156-2	137	97	127	120	17.35	cps
Erbium	164-1	67	75	117	86	31.11	cps
Erbium	164-2	80	73	43	66	29.80	cps
Gadolinium	160-1	58	125	142	108	40.70	cps
Gadolinium	160-2	227	220	280	242	13.58	cps
Holmium	165-1	17931789	17862975	17835694	17876819	0.28	cps
Holmium	165-2	7547856	7534573	7557419	7546616	0.15	cps
Indium	115-1	13305409	13316308	13302692	13308136	0.05	cps
Indium	115-2	2097547	2087785	2083144	2089492	0.35	cps
Iron	56-2	60503656	60454089	59763318	60240354	0.69	cps
Iron	57-2	1489781	1474663	1481904	1482116	0.51	cps
Krypton	83-1	650	720	767	712	8.25	cps
Lead	206-1	4189129	4204876	4251569	4215191	0.77	cps
Lead	207-1	3694192	3700874	3774143	3723070	1.19	cps
Lead	208-1	16996976	16921444	17295041	17071154	1.16	cps
Lithium	6-1	4491517	4411308	4351599	4418141	1.59	cps
Magnesium	24-2	12090970	11886534	12010565	11996023	0.86	cps

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : PB125715BS Instrumnet Name : P7
 Client Sample ID : PB125715BS Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 20:38:18 DataFile Name : 031LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1633778	1639805	1618616	1630733	0.67	cps
Molybdenum	94-1	10555884	10366206	10309413	10410501	1.24	cps
Molybdenum	95-1	12891016	12665012	12485520	12680516	1.60	cps
Molybdenum	96-1	14289862	14065716	14100857	14152145	0.85	cps
Molybdenum	97-1	8065698	8007798	7889246	7987581	1.13	cps
Molybdenum	98-1	20488993	20289965	20158361	20312440	0.82	cps
Neodymium	150-1	680	520	587	596	13.49	cps
Neodymium	150-2	20	33	57	37	50.62	cps
Nickel	60-2	605173	604135	605644	604984	0.13	cps
Phosphorus	31-2	55011	55864	53940	54938	1.76	cps
Potassium	39-2	5048044	4984412	4889141	4973866	1.61	cps
Rhodium	103-1	12075476	11907371	11786581	11923143	1.22	cps
Rhodium	103-2	4955691	4966370	4929373	4950478	0.38	cps
Scandium	45-1	8594430	8553103	8462876	8536803	0.79	cps
Scandium	45-2	327930	328591	325084	327202	0.57	cps
Selenium	77-2	4364	4041	3901	4102	5.80	cps
Selenium	78-2	14391	14413	13912	14239	1.99	cps
Selenium	82-1	116167	115196	114486	115283	0.73	cps
Silicon	28-1	3959300	3871851	3907118	3912756	1.12	cps
Silver	109-1	6453223	6464156	6480871	6466083	0.22	cps
Silver	107-1	6775154	6758265	6652121	6728513	0.99	cps
Sodium	23-2	23391991	23081501	23099043	23190845	0.75	cps
Strontium	86-1	1654853	1637467	1626466	1639595	0.87	cps
Strontium	88-1	14622626	14118434	14146924	14295995	1.98	cps
Sulfur	34-1	1146389	1111242	1089008	1115547	2.59	cps
Terbium	159-1	18256134	18154306	18140950	18183797	0.35	cps
Terbium	159-2	7363384	7322801	7215651	7300612	1.05	cps
Thallium	203-1	5111894	5139018	5235451	5162121	1.26	cps
Thallium	205-1	12407998	12229402	12421432	12352944	0.87	cps
Thorium	232-1	18467393	18477023	18265587	18403334	0.65	cps
Tin	118-1	4329338	4318382	4334280	4327334	0.19	cps
Titanium	47-1	3625437	3546585	3565206	3579076	1.15	cps
Uranium	238-1	17857854	18240184	18331316	18143118	1.38	cps
Vanadium	51-2	1145816	1140382	1122519	1136239	1.07	cps
Yttrium	89-1	14068006	13744941	13812231	13875059	1.23	cps
Yttrium	89-2	1603514	1605109	1590900	1599841	0.49	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	PB125715BS	Instrumnet Name :	P7
Client Sample ID :	PB125715BS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 20:38:18	DataFile Name :	031LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	496973	494458	495052	495494	0.27	cps
Zirconium	90-1	8993634	8691328	8756800	8813921	1.80	cps
Zirconium	91-1	1982813	1923559	1950624	1952332	1.52	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P7
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 20:45:37	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4652391	4547489	4676298	4625393	1.48	cps
Antimony	121-1	4583554	4542411	4561646	4562537	0.45	cps
Arsenic	75-2	135194	135156	135940	135430	0.33	cps
Barium	135-1	5655362	5611911	5701551	5656275	0.79	cps
Barium	137-1	9738985	9686429	9917005	9780806	1.24	cps
Beryllium	9-1	1068098	1067340	1055309	1063583	0.67	cps
Bismuth	209-1	9903062	9830361	9895214	9876212	0.40	cps
Bismuth	209-2	4735835	4792385	4780755	4769658	0.63	cps
Boron	10-1	186682	191307	191887	189959	1.50	cps
Boron	11-1	868307	894654	896582	886515	1.78	cps
Cadmium	111-1	1392887	1387636	1388695	1389740	0.20	cps
Cadmium	106-1	164522	161056	163914	163164	1.13	cps
Cadmium	108-1	107391	105834	107639	106954	0.91	cps
Calcium	43-1	7003999	6925334	6884379	6937904	0.88	cps
Calcium	44-1	114069532	113716494	112868532	113551519	0.54	cps
Chromium	52-2	1312881	1304339	1311603	1309608	0.35	cps
Cobalt	59-2	2062056	2062993	2061638	2062229	0.03	cps
Copper	63-2	3166265	3139802	3188025	3164697	0.76	cps
Dysprosium	156-1	433	333	342	369	15.02	cps
Dysprosium	156-2	197	190	207	198	4.24	cps
Erbium	164-1	150	142	125	139	9.16	cps
Erbium	164-2	77	70	90	79	12.91	cps
Gadolinium	160-1	258	217	308	261	17.58	cps
Gadolinium	160-2	353	327	267	316	14.07	cps
Holmium	165-1	17311212	16942098	17193023	17148778	1.10	cps
Holmium	165-2	7342114	7308923	7310507	7320515	0.26	cps
Indium	115-1	12666979	12330659	12535791	12511143	1.35	cps
Indium	115-2	2008977	2010884	2001049	2006970	0.26	cps
Iron	56-2	263099906	257699400	262840928	261213411	1.17	cps
Iron	57-2	6560974	6473314	6465470	6499919	0.82	cps
Krypton	83-1	517	640	530	562	12.04	cps
Lead	206-1	3777746	3749829	3802211	3776595	0.69	cps
Lead	207-1	3352911	3357385	3388488	3366261	0.58	cps
Lead	208-1	15425765	15321311	15488734	15411937	0.55	cps
Lithium	6-1	4139435	4034221	4059395	4077684	1.35	cps
Magnesium	24-2	52338762	52650911	52542710	52510794	0.30	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P7
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 20:45:37	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1490466	1475709	1480654	1482276	0.51	cps
Molybdenum	94-1	9407378	9469627	9405604	9427536	0.39	cps
Molybdenum	95-1	11577911	11433985	11468892	11493596	0.65	cps
Molybdenum	96-1	12995833	12891923	12744448	12877401	0.98	cps
Molybdenum	97-1	7281487	7295067	7231736	7269430	0.46	cps
Molybdenum	98-1	18773187	18546905	18410976	18577023	0.98	cps
Neodymium	150-1	520	533	607	553	8.43	cps
Neodymium	150-2	47	67	53	56	18.33	cps
Nickel	60-2	540390	538357	544390	541046	0.57	cps
Phosphorus	31-2	49316	49534	48881	49244	0.67	cps
Potassium	39-2	22596425	22383022	22738753	22572733	0.79	cps
Rhodium	103-1	10725478	10723469	10725977	10724974	0.01	cps
Rhodium	103-2	4546915	4535643	4566855	4549804	0.35	cps
Scandium	45-1	7983874	7962914	7916745	7954511	0.43	cps
Scandium	45-2	314424	311189	316440	314017	0.84	cps
Selenium	77-2	3984	3941	4284	4070	4.60	cps
Selenium	78-2	13391	13267	13108	13256	1.07	cps
Selenium	82-1	106013	105935	104922	105623	0.58	cps
Silicon	28-1	3612217	3678162	3709002	3666460	1.35	cps
Silver	109-1	5707283	5639497	5613953	5653578	0.85	cps
Silver	107-1	6098960	6027920	6096039	6074306	0.66	cps
Sodium	23-2	99802869	101073519	100124719	100333702	0.66	cps
Strontium	86-1	1469204	1468146	1483137	1473496	0.57	cps
Strontium	88-1	13131020	12891164	13010802	13010995	0.92	cps
Sulfur	34-1	992516	983659	980873	985683	0.62	cps
Terbium	159-1	17350671	17253638	17384607	17329639	0.39	cps
Terbium	159-2	6974086	7033667	7157931	7055228	1.33	cps
Thallium	203-1	4676036	4637520	4691313	4668290	0.59	cps
Thallium	205-1	11323292	11056559	11291244	11223698	1.30	cps
Thorium	232-1	17487984	17172570	17335017	17331857	0.91	cps
Tin	118-1	3934404	3853628	3885065	3891033	1.05	cps
Titanium	47-1	3239100	3188021	3162193	3196438	1.22	cps
Uranium	238-1	17272917	16860029	17050823	17061256	1.21	cps
Vanadium	51-2	1035157	1033702	1042818	1037226	0.47	cps
Yttrium	89-1	13087721	13157442	13100980	13115381	0.28	cps
Yttrium	89-2	1571936	1549418	1573606	1564987	0.86	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P7
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 20:45:37	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	458751	459351	462130	460077	0.39	cps
Zirconium	90-1	8027279	8026375	8038447	8030701	0.08	cps
Zirconium	91-1	1764379	1765554	1766232	1765388	0.05	cps

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : CCB09 Instrumnet Name : P7
 Client Sample ID : CCB09 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 20:52:42 DataFile Name : 034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	50	92	75	29.40	cps
Antimony	121-1	1967	2325	2567	2286	13.21	cps
Arsenic	75-2	9	7	9	9	12.36	cps
Barium	135-1	142	108	158	136	18.70	cps
Barium	137-1	217	175	208	200	11.02	cps
Beryllium	9-1	122	133	111	122	9.09	cps
Bismuth	209-1	11091191	11065869	11208933	11121997	0.69	cps
Bismuth	209-2	5290645	5428485	5402282	5373804	1.36	cps
Boron	10-1	2725	2409	2542	2559	6.22	cps
Boron	11-1	12697	11964	11939	12200	3.53	cps
Cadmium	111-1	4086	3878	4051	4005	2.79	cps
Cadmium	106-1	5801	5526	5710	5679	2.47	cps
Cadmium	108-1	29	17	13	19	44.61	cps
Calcium	43-1	400	392	433	408	5.40	cps
Calcium	44-1	10145	10212	9779	10045	2.32	cps
Chromium	52-2	1073	1127	1037	1079	4.19	cps
Cobalt	59-2	140	163	170	158	9.98	cps
Copper	63-2	977	1100	983	1020	6.80	cps
Dysprosium	156-1	83	50	33	56	45.82	cps
Dysprosium	156-2	17	3	27	16	75.27	cps
Erbium	164-1	92	75	133	100	30.05	cps
Erbium	164-2	67	57	60	61	8.33	cps
Gadolinium	160-1	83	75	58	72	17.62	cps
Gadolinium	160-2	233	257	263	251	6.27	cps
Holmium	165-1	17209666	17549449	17408079	17389064	0.98	cps
Holmium	165-2	7527055	7605343	7554412	7562270	0.53	cps
Indium	115-1	13310747	13306977	13441103	13352942	0.57	cps
Indium	115-2	2125813	2181653	2202843	2170103	1.83	cps
Iron	56-2	7919	8052	8436	8136	3.30	cps
Iron	57-2	289	317	250	285	11.74	cps
Krypton	83-1	643	573	640	619	6.38	cps
Lead	206-1	1033	1128	1095	1085	4.41	cps
Lead	207-1	1100	1022	1011	1045	4.64	cps
Lead	208-1	3884	4111	4078	4024	3.06	cps
Lithium	6-1	4383892	4349964	4366259	4366705	0.39	cps
Magnesium	24-2	475	475	392	447	10.76	cps

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : CCB09 Instrumnet Name : P7
 Client Sample ID : CCB09 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 20:52:42 DataFile Name : 034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	157	170	170	166	4.65	cps
Molybdenum	94-1	725	933	883	847	12.84	cps
Molybdenum	95-1	708	750	742	733	3.01	cps
Molybdenum	96-1	1025	1042	950	1006	4.86	cps
Molybdenum	97-1	525	492	600	539	10.30	cps
Molybdenum	98-1	1108	1400	1350	1286	12.13	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	7	20	13	13	49.99	cps
Nickel	60-2	237	200	220	219	8.39	cps
Phosphorus	31-2	150	125	125	133	10.82	cps
Potassium	39-2	22134	21925	22610	22223	1.58	cps
Rhodium	103-1	12113597	12212342	12245869	12190603	0.56	cps
Rhodium	103-2	5112139	5212932	5274324	5199798	1.57	cps
Scandium	45-1	8204470	8245595	8316890	8255651	0.69	cps
Scandium	45-2	326020	332525	337486	332010	1.73	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	50	43	46	46	8.00	cps
Selenium	82-1	-31	48	-14	1	4814.36	cps
Silicon	28-1	156790	156798	157470	157019	0.25	cps
Silver	109-1	158	92	150	133	27.24	cps
Silver	107-1	167	250	200	206	20.41	cps
Sodium	23-2	23427	23377	23803	23536	0.99	cps
Strontium	86-1	1100	1092	1008	1067	4.75	cps
Strontium	88-1	417	500	358	425	16.75	cps
Sulfur	34-1	444537	445905	442599	444347	0.37	cps
Terbium	159-1	17708298	17839164	17740203	17762555	0.38	cps
Terbium	159-2	7357382	7434668	7426170	7406074	0.57	cps
Thallium	203-1	933	883	833	883	5.66	cps
Thallium	205-1	1417	1450	1492	1453	2.59	cps
Thorium	232-1	3845	4334	4595	4258	8.94	cps
Tin	118-1	1317	1567	1550	1478	9.46	cps
Titanium	47-1	100	175	150	142	26.96	cps
Uranium	238-1	2825	2592	2809	2742	4.75	cps
Vanadium	51-2	10	10	10	10	0.00	cps
Yttrium	89-1	13635998	13539672	13659970	13611880	0.47	cps
Yttrium	89-2	1604247	1617398	1625039	1615561	0.65	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P7
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 20:52:42	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	613	727	640	660	8.98	cps
Zirconium	90-1	1350	1392	1675	1472	12.01	cps
Zirconium	91-1	325	358	333	339	5.12	cps

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : PB125716BL Instrumnet Name : P7
 Client Sample ID : PB125716BL Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 20:56:20 DataFile Name : 035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	50	8	22	108.27	cps
Antimony	121-1	700	792	1142	878	26.55	cps
Arsenic	75-2	9	2	9	7	63.01	cps
Barium	135-1	108	75	58	81	31.60	cps
Barium	137-1	133	92	142	122	21.92	cps
Beryllium	9-1	83	100	117	100	16.66	cps
Bismuth	209-1	11285418	11327053	11502712	11371728	1.01	cps
Bismuth	209-2	5456314	5467989	5554781	5493028	0.98	cps
Boron	10-1	1483	1775	1892	1717	12.25	cps
Boron	11-1	8444	8711	9111	8756	3.83	cps
Cadmium	111-1	4014	4163	3811	3996	4.42	cps
Cadmium	106-1	5718	5902	5401	5674	4.46	cps
Cadmium	108-1	25	8	17	17	50.01	cps
Calcium	43-1	250	267	408	308	28.22	cps
Calcium	44-1	8861	9011	9028	8967	1.02	cps
Chromium	52-2	1103	1100	1053	1086	2.58	cps
Cobalt	59-2	193	170	147	170	13.73	cps
Copper	63-2	1047	1010	1017	1024	1.91	cps
Dysprosium	156-1	42	75	58	58	28.57	cps
Dysprosium	156-2	23	20	30	24	20.83	cps
Erbium	164-1	92	83	92	89	5.41	cps
Erbium	164-2	87	73	77	79	8.80	cps
Gadolinium	160-1	142	117	75	111	30.31	cps
Gadolinium	160-2	267	247	240	251	5.53	cps
Holmium	165-1	17740906	18077722	17993624	17937417	0.98	cps
Holmium	165-2	7824861	7720072	7799016	7781316	0.70	cps
Indium	115-1	13683217	13842115	13776918	13767417	0.58	cps
Indium	115-2	2225861	2213957	2241240	2227019	0.61	cps
Iron	56-2	6185	6396	6101	6227	2.44	cps
Iron	57-2	333	239	406	326	25.64	cps
Krypton	83-1	633	617	613	621	1.73	cps
Lead	206-1	1056	939	945	980	6.72	cps
Lead	207-1	1050	1178	1022	1083	7.66	cps
Lead	208-1	3773	3900	3789	3821	1.82	cps
Lithium	6-1	4487959	4535021	4492707	4505229	0.58	cps
Magnesium	24-2	192	200	158	183	12.03	cps

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : PB125716BL Instrumnet Name : P7
 Client Sample ID : PB125716BL Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 20:56:20 DataFile Name : 035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	157	133	183	158	15.86	cps
Molybdenum	94-1	508	575	683	589	15.00	cps
Molybdenum	95-1	267	425	275	322	27.65	cps
Molybdenum	96-1	517	458	492	489	5.99	cps
Molybdenum	97-1	167	192	233	197	17.08	cps
Molybdenum	98-1	308	542	525	458	28.40	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	7	7	10	8	24.71	cps
Nickel	60-2	177	270	227	224	20.81	cps
Phosphorus	31-2	150	175	183	169	10.24	cps
Potassium	39-2	21992	22409	22434	22279	1.12	cps
Rhodium	103-1	12508716	12590719	12583565	12561000	0.36	cps
Rhodium	103-2	5342147	5305944	5356813	5334968	0.49	cps
Scandium	45-1	8511262	8609120	8642558	8587647	0.79	cps
Scandium	45-2	339805	341015	346747	342522	1.08	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	35	54	43	44	21.26	cps
Selenium	82-1	26	7	15	16	60.31	cps
Silicon	28-1	159567	161151	160501	160406	0.50	cps
Silver	109-1	142	67	50	86	56.70	cps
Silver	107-1	108	150	250	169	42.97	cps
Sodium	23-2	22042	20598	21424	21355	3.39	cps
Strontium	86-1	950	1025	1083	1020	6.56	cps
Strontium	88-1	267	258	200	242	15.03	cps
Sulfur	34-1	452042	455231	468232	458502	1.87	cps
Terbium	159-1	18007182	18165651	18122151	18098328	0.45	cps
Terbium	159-2	7573815	7557582	7634002	7588466	0.53	cps
Thallium	203-1	725	683	725	711	3.38	cps
Thallium	205-1	1175	1200	1325	1233	6.52	cps
Thorium	232-1	2773	2945	3317	3012	9.24	cps
Tin	118-1	1033	1133	1000	1056	6.57	cps
Titanium	47-1	100	133	108	114	15.23	cps
Uranium	238-1	2567	2567	2300	2478	6.21	cps
Vanadium	51-2	7	3	0	3	100.05	cps
Yttrium	89-1	13916838	14117066	14037788	14023897	0.72	cps
Yttrium	89-2	1676802	1683697	1697724	1686074	0.63	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	PB125716BL	Instrumnet Name :	P7
Client Sample ID :	PB125716BL	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 20:56:20	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	817	893	830	847	4.84	cps
Zirconium	90-1	842	967	1025	945	9.92	cps
Zirconium	91-1	258	242	258	253	3.81	cps

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : PB125714BL Instrumnet Name : P7
 Client Sample ID : PB125714BL Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 20:59:59 DataFile Name : 036DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	75	58	81	31.60	cps
Antimony	121-1	600	500	775	625	22.27	cps
Arsenic	75-2	11	6	11	9	34.60	cps
Barium	135-1	167	100	92	119	34.42	cps
Barium	137-1	183	158	142	161	13.02	cps
Beryllium	9-1	128	111	144	128	13.04	cps
Bismuth	209-1	11276197	11103498	11100429	11160042	0.90	cps
Bismuth	209-2	5414268	5456436	5360636	5410446	0.89	cps
Boron	10-1	1400	1642	1392	1478	9.61	cps
Boron	11-1	7085	7419	7035	7180	2.90	cps
Cadmium	111-1	4094	4484	4311	4296	4.56	cps
Cadmium	106-1	5843	6377	6160	6127	4.38	cps
Cadmium	108-1	25	13	25	21	34.64	cps
Calcium	43-1	367	433	308	369	16.93	cps
Calcium	44-1	10271	10980	10596	10615	3.34	cps
Chromium	52-2	1077	1150	1063	1097	4.26	cps
Cobalt	59-2	187	210	213	203	7.15	cps
Copper	63-2	1077	1147	1073	1099	3.77	cps
Dysprosium	156-1	67	92	42	67	37.50	cps
Dysprosium	156-2	17	27	43	29	46.62	cps
Erbium	164-1	67	42	58	56	22.91	cps
Erbium	164-2	73	40	77	63	32.01	cps
Gadolinium	160-1	142	125	117	128	9.96	cps
Gadolinium	160-2	233	250	240	241	3.48	cps
Holmium	165-1	17439266	17559709	17608933	17535969	0.50	cps
Holmium	165-2	7699522	7594922	7482189	7592211	1.43	cps
Indium	115-1	13604029	13643696	13539306	13595677	0.39	cps
Indium	115-2	2224580	2216711	2222609	2221300	0.18	cps
Iron	56-2	8797	9837	8803	9146	6.55	cps
Iron	57-2	372	422	356	383	9.05	cps
Krypton	83-1	673	723	663	687	4.68	cps
Lead	206-1	1095	1195	1022	1104	7.84	cps
Lead	207-1	983	1022	967	991	2.88	cps
Lead	208-1	3950	4067	3578	3865	6.61	cps
Lithium	6-1	4482157	4514887	4544830	4513958	0.69	cps
Magnesium	24-2	750	675	733	719	5.47	cps

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : PB125714BL Instrumnet Name : P7
 Client Sample ID : PB125714BL Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 20:59:59 DataFile Name : 036DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	170	180	177	176	2.90	cps
Molybdenum	94-1	508	683	692	628	16.49	cps
Molybdenum	95-1	400	500	400	433	13.32	cps
Molybdenum	96-1	642	517	567	575	10.94	cps
Molybdenum	97-1	242	275	225	247	10.30	cps
Molybdenum	98-1	692	650	633	658	4.56	cps
Neodymium	150-1	20	0	0	7	173.21	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	147	320	273	247	36.36	cps
Phosphorus	31-2	208	133	158	167	22.91	cps
Potassium	39-2	22276	23194	22443	22638	2.16	cps
Rhodium	103-1	12368998	12573570	12565982	12502850	0.93	cps
Rhodium	103-2	5350591	5325079	5338687	5338119	0.24	cps
Scandium	45-1	8526233	8609299	8570623	8568719	0.49	cps
Scandium	45-2	349270	337553	340504	342442	1.78	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	33	54	54	47	25.07	cps
Selenium	82-1	-28	-80	-39	-49	-56.69	cps
Silicon	28-1	163671	161623	161025	162106	0.86	cps
Silver	109-1	142	133	175	150	14.70	cps
Silver	107-1	300	308	158	256	32.99	cps
Sodium	23-2	20481	20214	20582	20426	0.93	cps
Strontium	86-1	1025	1058	1058	1047	1.84	cps
Strontium	88-1	492	525	550	522	5.60	cps
Sulfur	34-1	470448	467584	472151	470061	0.49	cps
Terbium	159-1	17897536	18019553	18026523	17981204	0.40	cps
Terbium	159-2	7498548	7380038	7308993	7395860	1.29	cps
Thallium	203-1	967	608	808	795	22.60	cps
Thallium	205-1	1242	1317	1308	1289	3.19	cps
Thorium	232-1	2984	3045	2889	2973	2.64	cps
Tin	118-1	1125	983	1058	1056	6.71	cps
Titanium	47-1	208	117	175	167	27.84	cps
Uranium	238-1	2976	2759	2709	2814	5.04	cps
Vanadium	51-2	20	17	20	19	10.18	cps
Yttrium	89-1	13928960	14054710	13914325	13965998	0.55	cps
Yttrium	89-2	1691374	1658876	1663800	1671350	1.05	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	PB125714BL	Instrumnet Name :	P7
Client Sample ID :	PB125714BL	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 20:59:59	DataFile Name :	036DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	753	667	727	716	6.20	cps
Zirconium	90-1	1125	1092	1133	1117	1.97	cps
Zirconium	91-1	208	183	242	211	13.86	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	PB125716BS	Instrumnet Name :	P7
Client Sample ID :	PB125716BS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 21:03:39	DataFile Name :	037LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	978617	989724	972421	980254	0.89	cps
Antimony	121-1	5132521	5108749	5050731	5097334	0.83	cps
Arsenic	75-2	149555	152526	152964	151682	1.22	cps
Barium	135-1	6261237	6152658	6139330	6184408	1.08	cps
Barium	137-1	10717159	10756370	10675649	10716393	0.38	cps
Beryllium	9-1	1193111	1171752	1160386	1175083	1.41	cps
Bismuth	209-1	11078294	11059686	10766486	10968155	1.59	cps
Bismuth	209-2	5238722	5322689	5347680	5303030	1.08	cps
Boron	10-1	202380	207087	204554	204674	1.15	cps
Boron	11-1	954061	960905	965237	960068	0.59	cps
Cadmium	111-1	1462959	1456361	1459994	1459771	0.23	cps
Cadmium	106-1	174371	173214	172835	173473	0.46	cps
Cadmium	108-1	113114	111329	112357	112267	0.80	cps
Calcium	43-1	1624031	1594093	1595008	1604377	1.06	cps
Calcium	44-1	26544559	26424027	25947397	26305328	1.20	cps
Chromium	52-2	1411761	1403136	1435042	1416646	1.17	cps
Cobalt	59-2	2337749	2339751	2362262	2346587	0.58	cps
Copper	63-2	3256644	3234554	3260900	3250699	0.44	cps
Dysprosium	156-1	167	208	175	183	12.02	cps
Dysprosium	156-2	120	120	97	112	12.00	cps
Erbium	164-1	125	92	108	108	15.39	cps
Erbium	164-2	57	80	53	63	22.94	cps
Gadolinium	160-1	142	125	100	122	17.16	cps
Gadolinium	160-2	233	257	197	229	13.21	cps
Holmium	165-1	17862874	17748986	17994752	17868871	0.69	cps
Holmium	165-2	7650123	7683698	7820509	7718110	1.17	cps
Indium	115-1	13314142	13149438	13093980	13185853	0.87	cps
Indium	115-2	2128611	2154491	2164785	2149296	0.87	cps
Iron	56-2	60629743	60824160	61344092	60932665	0.61	cps
Iron	57-2	1481044	1492001	1500210	1491085	0.64	cps
Krypton	83-1	550	577	563	563	2.37	cps
Lead	206-1	4177230	4192929	4164718	4178293	0.34	cps
Lead	207-1	3730406	3710384	3702892	3714561	0.38	cps
Lead	208-1	17072390	17086165	16859962	17006173	0.75	cps
Lithium	6-1	4360471	4253800	4209707	4274660	1.81	cps
Magnesium	24-2	12021610	12163789	12040600	12075333	0.64	cps

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : PB125716BS Instrumnet Name : P7
 Client Sample ID : PB125716BS Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 21:03:39 DataFile Name : 037LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1640279	1638602	1660350	1646410	0.73	cps
Molybdenum	94-1	10271272	10239659	10071077	10194002	1.06	cps
Molybdenum	95-1	12500939	12424134	12422941	12449338	0.36	cps
Molybdenum	96-1	14031704	13915276	13687736	13878239	1.26	cps
Molybdenum	97-1	7894118	7830960	7744455	7823178	0.96	cps
Molybdenum	98-1	20168897	20313893	19796305	20093032	1.33	cps
Neodymium	150-1	647	640	587	624	5.27	cps
Neodymium	150-2	53	37	33	41	26.06	cps
Nickel	60-2	616988	611896	610489	613124	0.56	cps
Phosphorus	31-2	56457	54241	54735	55144	2.11	cps
Potassium	39-2	5045286	5045305	5032140	5040910	0.15	cps
Rhodium	103-1	11811990	11906354	11591660	11770002	1.37	cps
Rhodium	103-2	5062408	5059612	5160202	5094074	1.12	cps
Scandium	45-1	8463046	8356775	8222832	8347551	1.44	cps
Scandium	45-2	333296	331197	335222	333238	0.60	cps
Selenium	77-2	4051	4564	4524	4380	6.52	cps
Selenium	78-2	14200	14541	14524	14421	1.33	cps
Selenium	82-1	113787	111871	111971	112543	0.96	cps
Silicon	28-1	3726931	3741425	3731020	3733125	0.20	cps
Silver	109-1	6514234	6341855	6295344	6383811	1.81	cps
Silver	107-1	6767324	6717329	6645731	6710128	0.91	cps
Sodium	23-2	23069539	23446982	23474781	23330434	0.97	cps
Strontium	86-1	1617394	1603507	1607998	1609633	0.44	cps
Strontium	88-1	14359701	14137208	13965379	14154096	1.40	cps
Sulfur	34-1	1076604	1062188	1047853	1062215	1.35	cps
Terbium	159-1	18258788	18423401	18141852	18274680	0.77	cps
Terbium	159-2	7516068	7466607	7537984	7506886	0.49	cps
Thallium	203-1	5091533	5177587	5137028	5135383	0.84	cps
Thallium	205-1	12412250	12333311	12385204	12376921	0.32	cps
Thorium	232-1	18576082	18519896	18143216	18413064	1.28	cps
Tin	118-1	4342755	4280335	4244232	4289107	1.16	cps
Titanium	47-1	3490772	3436821	3459440	3462344	0.78	cps
Uranium	238-1	18310863	18280713	17829550	18140376	1.49	cps
Vanadium	51-2	1135671	1140594	1142376	1139547	0.30	cps
Yttrium	89-1	13981421	13741990	13476370	13733260	1.84	cps
Yttrium	89-2	1636207	1645534	1681089	1654277	1.43	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	PB125716BS	Instrumnet Name :	P7
Client Sample ID :	PB125716BS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 21:03:39	DataFile Name :	037LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	496739	498886	503535	499720	0.70	cps
Zirconium	90-1	8734931	8628150	8381849	8581643	2.11	cps
Zirconium	91-1	1928814	1914976	1868271	1904020	1.67	cps

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : PB125714BS Instrumnet Name : P7
 Client Sample ID : PB125714BS Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 21:07:18 DataFile Name : 038LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	960780	957414	967829	962008	0.55	cps
Antimony	121-1	5066593	5101345	5099930	5089289	0.39	cps
Arsenic	75-2	147807	149889	148167	148621	0.75	cps
Barium	135-1	6067213	6075029	6195334	6112526	1.17	cps
Barium	137-1	10446390	10580584	10570025	10532333	0.71	cps
Beryllium	9-1	1146286	1146428	1156072	1149595	0.49	cps
Bismuth	209-1	10775940	10846012	10709251	10777067	0.63	cps
Bismuth	209-2	5203329	5130215	5222554	5185366	0.94	cps
Boron	10-1	201530	205893	206428	204617	1.31	cps
Boron	11-1	930177	959462	977896	955845	2.52	cps
Cadmium	111-1	1454929	1473444	1456925	1461766	0.70	cps
Cadmium	106-1	171452	172506	172423	172127	0.34	cps
Cadmium	108-1	111022	112367	110213	111201	0.98	cps
Calcium	43-1	1592526	1608142	1599345	1600005	0.49	cps
Calcium	44-1	26085993	26173588	26232540	26164040	0.28	cps
Chromium	52-2	1403433	1406415	1402533	1404127	0.14	cps
Cobalt	59-2	2312998	2334086	2322507	2323197	0.45	cps
Copper	63-2	3214592	3256567	3212836	3227998	0.77	cps
Dysprosium	156-1	208	192	167	189	11.10	cps
Dysprosium	156-2	113	103	133	117	13.09	cps
Erbium	164-1	58	183	117	119	52.36	cps
Erbium	164-2	57	57	77	63	18.23	cps
Gadolinium	160-1	92	150	167	136	28.94	cps
Gadolinium	160-2	220	227	223	223	1.49	cps
Holmium	165-1	17713577	17630798	17683547	17675974	0.24	cps
Holmium	165-2	7567898	7505786	7644692	7572792	0.92	cps
Indium	115-1	13153457	13237329	13182820	13191202	0.32	cps
Indium	115-2	2134186	2085251	2135605	2118347	1.35	cps
Iron	56-2	59441644	60115343	60406918	59987968	0.83	cps
Iron	57-2	1468844	1476327	1477622	1474264	0.32	cps
Krypton	83-1	570	757	703	677	14.21	cps
Lead	206-1	4146659	4134256	4161839	4147585	0.33	cps
Lead	207-1	3625930	3679975	3680342	3662083	0.85	cps
Lead	208-1	16749259	16819200	16792546	16787002	0.21	cps
Lithium	6-1	4162753	4196803	4195327	4184961	0.46	cps
Magnesium	24-2	11863468	11872835	11894371	11876891	0.13	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	PB125714BS	Instrumnet Name :	P7
Client Sample ID :	PB125714BS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 21:07:18	DataFile Name :	038LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1626655	1627889	1643863	1632802	0.59	cps
Molybdenum	94-1	10180409	10180411	10297210	10219343	0.66	cps
Molybdenum	95-1	12365011	12458375	12501901	12441762	0.56	cps
Molybdenum	96-1	13744959	13863071	13863571	13823867	0.49	cps
Molybdenum	97-1	7811687	7826672	7769828	7802729	0.38	cps
Molybdenum	98-1	20048846	20165787	20057361	20090665	0.32	cps
Neodymium	150-1	473	593	547	538	11.25	cps
Neodymium	150-2	73	47	67	62	22.30	cps
Nickel	60-2	610754	609856	605411	608674	0.47	cps
Phosphorus	31-2	53723	55228	53045	53999	2.07	cps
Potassium	39-2	5032621	4982775	4959063	4991486	0.75	cps
Rhodium	103-1	11688557	11826927	11630895	11715459	0.86	cps
Rhodium	103-2	5024366	4948479	5012421	4995089	0.82	cps
Scandium	45-1	8204003	8286648	8412310	8300987	1.26	cps
Scandium	45-2	330096	325583	327177	327619	0.70	cps
Selenium	77-2	4341	4244	4241	4275	1.33	cps
Selenium	78-2	13968	14051	14348	14122	1.41	cps
Selenium	82-1	111958	114418	113933	113436	1.15	cps
Silicon	28-1	3716809	3777662	3825004	3773158	1.44	cps
Silver	109-1	6344901	6460415	6360762	6388693	0.98	cps
Silver	107-1	6646841	6541632	6656610	6615028	0.96	cps
Sodium	23-2	22967035	22671007	22941873	22859972	0.72	cps
Strontium	86-1	1585239	1603696	1619228	1602721	1.06	cps
Strontium	88-1	14063946	14069574	14339267	14157596	1.11	cps
Sulfur	34-1	1028689	1027951	1024651	1027097	0.21	cps
Terbium	159-1	17906507	18131038	18015837	18017794	0.62	cps
Terbium	159-2	7282329	7294022	7381248	7319200	0.74	cps
Thallium	203-1	5047272	5098908	5080072	5075417	0.51	cps
Thallium	205-1	12230719	12296840	12075016	12200858	0.93	cps
Thorium	232-1	18036441	18013178	18004073	18017897	0.09	cps
Tin	118-1	4269530	4267061	4288994	4275195	0.28	cps
Titanium	47-1	3378396	3477167	3467671	3441078	1.58	cps
Uranium	238-1	17799720	17883534	17838899	17840718	0.24	cps
Vanadium	51-2	1128840	1136930	1137044	1134271	0.41	cps
Yttrium	89-1	13667594	13632544	13839983	13713374	0.81	cps
Yttrium	89-2	1619358	1606936	1612351	1612882	0.39	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	PB125714BS	Instrumnet Name :	P7
Client Sample ID :	PB125714BS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 21:07:18	DataFile Name :	038LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	493422	492802	493179	493134	0.06	cps
Zirconium	90-1	8584424	8523058	8624684	8577389	0.60	cps
Zirconium	91-1	1875552	1891137	1915506	1894065	1.06	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P7
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 21:16:38	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4894618	4874918	4918059	4895865	0.44	cps
Antimony	121-1	4824661	4790534	4863769	4826321	0.76	cps
Arsenic	75-2	136485	137175	140116	137925	1.40	cps
Barium	135-1	5947823	5926525	6064689	5979679	1.24	cps
Barium	137-1	10279333	10240826	10426750	10315636	0.95	cps
Beryllium	9-1	1109771	1098930	1112583	1107095	0.65	cps
Bismuth	209-1	9701694	9736329	9874097	9770707	0.93	cps
Bismuth	209-2	4667039	4633458	4737366	4679288	1.13	cps
Boron	10-1	197677	194850	201157	197895	1.60	cps
Boron	11-1	922532	915479	944022	927344	1.60	cps
Cadmium	111-1	1420913	1397652	1425372	1414646	1.05	cps
Cadmium	106-1	163570	166291	168037	165966	1.36	cps
Cadmium	108-1	107302	107265	109273	107947	1.06	cps
Calcium	43-1	7452210	7456171	7455242	7454541	0.03	cps
Calcium	44-1	120836144	119830236	123294974	121320451	1.47	cps
Chromium	52-2	1367452	1369212	1369689	1368785	0.09	cps
Cobalt	59-2	2139746	2171613	2174109	2161822	0.89	cps
Copper	63-2	3359814	3390125	3355179	3368372	0.56	cps
Dysprosium	156-1	308	333	342	328	5.29	cps
Dysprosium	156-2	200	217	227	214	6.28	cps
Erbium	164-1	142	142	92	125	23.09	cps
Erbium	164-2	100	83	67	83	20.00	cps
Gadolinium	160-1	292	375	275	314	17.07	cps
Gadolinium	160-2	280	260	297	279	6.58	cps
Holmium	165-1	16934396	17147804	17139196	17073799	0.71	cps
Holmium	165-2	7176767	7263043	7319071	7252960	0.99	cps
Indium	115-1	12513784	12326459	12535029	12458424	0.92	cps
Indium	115-2	1985364	1994086	1991917	1990456	0.23	cps
Iron	56-2	277550578	277816217	277963145	277776647	0.08	cps
Iron	57-2	6881732	6859581	6890199	6877171	0.23	cps
Krypton	83-1	657	603	650	637	4.56	cps
Lead	206-1	3942606	3967959	4012934	3974500	0.90	cps
Lead	207-1	3527667	3524661	3570189	3540839	0.72	cps
Lead	208-1	15983724	16059870	16330024	16124539	1.13	cps
Lithium	6-1	4012439	4015342	4028072	4018618	0.21	cps
Magnesium	24-2	55608182	55416991	55968524	55664566	0.50	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P7
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 21:16:38	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1557037	1561509	1563857	1560801	0.22	cps
Molybdenum	94-1	9973246	10001768	10211974	10062329	1.30	cps
Molybdenum	95-1	12018884	12180466	12422952	12207434	1.67	cps
Molybdenum	96-1	13503556	13675646	13745825	13641675	0.91	cps
Molybdenum	97-1	7627948	7673057	7723479	7674828	0.62	cps
Molybdenum	98-1	19724850	19428408	19878723	19677327	1.16	cps
Neodymium	150-1	587	587	547	573	4.03	cps
Neodymium	150-2	53	80	73	69	20.15	cps
Nickel	60-2	572325	581103	578373	577267	0.78	cps
Phosphorus	31-2	51130	51423	52151	51568	1.02	cps
Potassium	39-2	23723041	23641643	24037141	23800608	0.88	cps
Rhodium	103-1	10607016	10650945	10873890	10710617	1.34	cps
Rhodium	103-2	4460074	4504075	4503068	4489072	0.56	cps
Scandium	45-1	7892376	7909194	8082087	7961219	1.32	cps
Scandium	45-2	312245	309103	318178	313175	1.47	cps
Selenium	77-2	4004	3931	3857	3931	1.87	cps
Selenium	78-2	12574	12279	12778	12544	2.00	cps
Selenium	82-1	99788	101415	101413	100872	0.93	cps
Silicon	28-1	3534927	3510994	3587534	3544485	1.10	cps
Silver	109-1	6014582	5890511	6055970	5987021	1.44	cps
Silver	107-1	6289854	6262556	6350445	6300952	0.71	cps
Sodium	23-2	108229407	106536344	107755098	107506950	0.81	cps
Strontium	86-1	1573126	1567899	1597375	1579467	1.00	cps
Strontium	88-1	13770289	13757943	13853067	13793766	0.37	cps
Sulfur	34-1	1020999	998924	1010016	1009980	1.09	cps
Terbium	159-1	17227143	17341813	17446333	17338430	0.63	cps
Terbium	159-2	6891345	6985790	6983878	6953671	0.78	cps
Thallium	203-1	4904171	4842368	4960011	4902183	1.20	cps
Thallium	205-1	11690669	11662613	11725447	11692909	0.27	cps
Thorium	232-1	18012638	18415891	18325882	18251470	1.16	cps
Tin	118-1	4107376	4119548	4155292	4127405	0.60	cps
Titanium	47-1	3396537	3328049	3446702	3390429	1.76	cps
Uranium	238-1	17719050	17993156	18227868	17980025	1.42	cps
Vanadium	51-2	1097653	1097519	1102237	1099136	0.24	cps
Yttrium	89-1	12960579	13205642	13183096	13116439	1.03	cps
Yttrium	89-2	1537401	1560573	1562781	1553585	0.90	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P7
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 21:16:38	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	492641	498216	496189	495682	0.57	cps
Zirconium	90-1	8401115	8577350	8672129	8550198	1.61	cps
Zirconium	91-1	1872308	1883511	1889355	1881725	0.46	cps

LB Number : LB107440 Operator : Jaswal
 Lab Sample ID : CCB10 Instrumnet Name : P7
 Client Sample ID : CCB10 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-30 21:26:06 DataFile Name : 041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	83	50	53	55.46	cps
Antimony	121-1	2467	2192	2592	2417	8.47	cps
Arsenic	75-2	13	7	7	9	34.60	cps
Barium	135-1	117	75	150	114	33.00	cps
Barium	137-1	125	100	175	133	28.64	cps
Beryllium	9-1	133	144	178	152	15.23	cps
Bismuth	209-1	11316457	11315440	11286161	11306019	0.15	cps
Bismuth	209-2	5442347	5382729	5387437	5404171	0.61	cps
Boron	10-1	3417	3401	2950	3256	8.13	cps
Boron	11-1	15075	14382	14549	14669	2.46	cps
Cadmium	111-1	4166	3844	4039	4016	4.05	cps
Cadmium	106-1	5876	5393	5701	5657	4.33	cps
Cadmium	108-1	38	21	21	26	36.47	cps
Calcium	43-1	317	350	267	311	13.48	cps
Calcium	44-1	9128	9762	9495	9462	3.36	cps
Chromium	52-2	1053	1010	1220	1095	10.13	cps
Cobalt	59-2	130	93	113	112	16.36	cps
Copper	63-2	837	833	983	884	9.68	cps
Dysprosium	156-1	17	33	42	31	41.66	cps
Dysprosium	156-2	13	23	20	19	26.96	cps
Erbium	164-1	100	125	75	100	25.00	cps
Erbium	164-2	80	70	77	76	6.74	cps
Gadolinium	160-1	133	75	75	94	35.66	cps
Gadolinium	160-2	263	197	280	247	17.88	cps
Holmium	165-1	17790751	17720083	17712235	17741023	0.24	cps
Holmium	165-2	7711481	7636881	7730033	7692798	0.64	cps
Indium	115-1	13900347	13797391	13830901	13842880	0.38	cps
Indium	115-2	2202206	2198527	2233414	2211382	0.87	cps
Iron	56-2	6396	6668	6529	6531	2.08	cps
Iron	57-2	272	272	294	280	4.59	cps
Krypton	83-1	650	640	587	626	5.44	cps
Lead	206-1	1233	1117	1150	1167	5.15	cps
Lead	207-1	1061	1183	1006	1083	8.40	cps
Lead	208-1	4328	4295	4245	4289	0.98	cps
Lithium	6-1	4505447	4538147	4521759	4521784	0.36	cps
Magnesium	24-2	300	383	317	333	13.23	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P7
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 21:26:06	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	107	103	90	100	8.82	cps
Molybdenum	94-1	742	817	783	781	4.81	cps
Molybdenum	95-1	392	450	533	458	15.54	cps
Molybdenum	96-1	767	558	608	644	16.88	cps
Molybdenum	97-1	325	392	433	383	14.26	cps
Molybdenum	98-1	758	942	783	828	12.01	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	157	123	140	140	11.90	cps
Phosphorus	31-2	117	167	83	122	34.31	cps
Potassium	39-2	23845	24771	23995	24204	2.05	cps
Rhodium	103-1	12444522	12461369	12497870	12467920	0.22	cps
Rhodium	103-2	5292275	5288801	5343959	5308345	0.58	cps
Scandium	45-1	8649994	8752913	8681937	8694948	0.61	cps
Scandium	45-2	345131	341427	347297	344619	0.86	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	43	72	52	56	27.29	cps
Selenium	82-1	36	-34	40	14	291.13	cps
Silicon	28-1	162465	161369	162315	162049	0.37	cps
Silver	109-1	108	142	175	142	23.53	cps
Silver	107-1	233	208	250	231	9.10	cps
Sodium	23-2	26015	24596	24337	24983	3.62	cps
Strontium	86-1	1083	1108	958	1050	7.65	cps
Strontium	88-1	233	267	283	261	9.75	cps
Sulfur	34-1	462980	455777	452740	457166	1.15	cps
Terbium	159-1	18271941	18099796	18207774	18193170	0.48	cps
Terbium	159-2	7541603	7459963	7489479	7497015	0.55	cps
Thallium	203-1	1025	950	875	950	7.89	cps
Thallium	205-1	1709	1767	1859	1778	4.25	cps
Thorium	232-1	3773	4117	3995	3962	4.41	cps
Tin	118-1	1308	1517	1475	1433	7.69	cps
Titanium	47-1	133	117	33	94	56.73	cps
Uranium	238-1	2834	2492	2534	2620	7.12	cps
Vanadium	51-2	3	3	13	7	86.65	cps
Yttrium	89-1	14204549	14180039	14327852	14237480	0.56	cps
Yttrium	89-2	1673659	1658869	1669359	1667296	0.46	cps

LB Number :	LB107440	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P7
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2019-12-30 21:26:06	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	883	807	833	841	4.63	cps
Zirconium	90-1	1125	1300	1550	1325	16.12	cps
Zirconium	91-1	233	367	275	292	23.39	cps