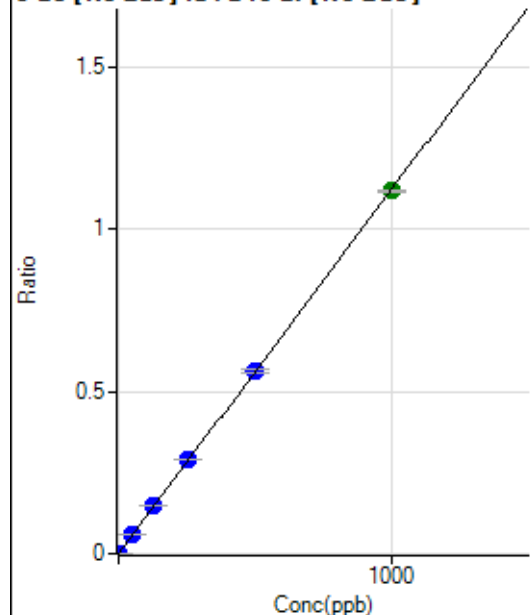


Batch Folder: D:\ICP-MS Data\P7011819-MS.b\
Analysis File: P7011819-MS.batch.bin
DA Date-Time: 2019-01-18 17:15:54
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-01-18 14:21:13
2			
3	005CALS.d	S02	2019-01-18 14:29:33
4	006CALS.d	S03	2019-01-18 14:33:28
5	007CALS.d	S04	2019-01-18 14:37:31
6	008CALS.d	S05	2019-01-18 14:41:20
7	009CALS.d	S06	2019-01-18 14:45:05
8	010CALS.d	S07	2019-01-18 14:48:52
9	011CALS.d	S08	2019-01-18 14:52:41

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	115.56	0.0000	P	31.4
2	☐	0.100					
3	☐	1.000	0.949	5698.94	0.0011	P	3.5
4	☐	50.000	53.835	309568.38	0.0605	P	1.2
5	☐	125.000	132.464	739515.21	0.1487	P	0.3
6	☐	250.000	256.721	1399965.10	0.2883	P	0.4
7	☐	500.000	501.887	2714500.90	0.5635	P	1.2
8	☐	1000.000	996.252	5375628.29	1.1186	A	0.4
9	☐			631.14	0.0001	P	6.2

$$y = 0.0011 * x + 2.1802E-005$$

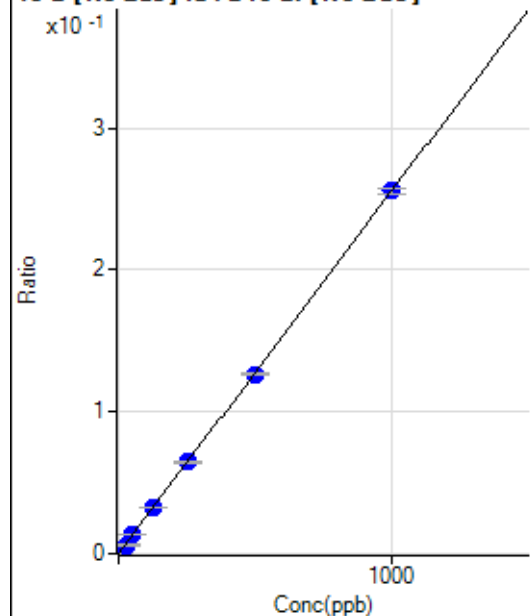
$$R = 1.0000$$

$$DL = 0.01832$$

$$BEC = 0.01942$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	891.74	0.0002	P	3.4
2	☐	2.500					
3	☐	25.000	22.954	31572.75	0.0060	P	3.2
4	☐	50.000	51.436	68045.82	0.0133	P	0.4
5	☐	125.000	128.170	163399.60	0.0329	P	1.1
6	☐	250.000	252.451	313595.40	0.0646	P	1.8
7	☐	500.000	495.607	609834.50	0.1266	P	1.9
8	☐	1000.000	1001.167	1228286.03	0.2556	P	1.4
9	☐			27514.98	0.0062	P	10.5

$$y = 2.5511E-004 * x + 1.6842E-004$$

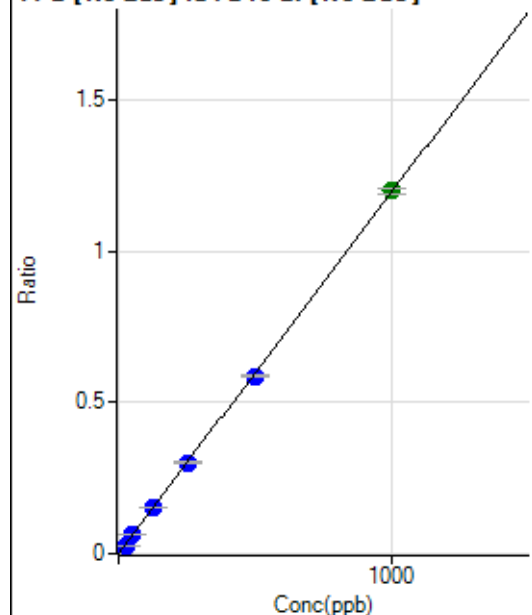
$$R = 1.0000$$

$$DL = 0.06767$$

$$BEC = 0.6602$$

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	4564.77	0.0009	P	4.0
2	☐	2.500					
3	☐	25.000	22.250	143581.76	0.0274	P	1.7
4	☐	50.000	50.243	311187.29	0.0608	P	0.2
5	☐	125.000	125.629	749123.76	0.1507	P	1.5
6	☐	250.000	250.264	1453640.74	0.2993	P	1.8
7	☐	500.000	490.744	2823279.97	0.5861	P	1.5
8	☐	1000.000	1004.540	5761584.46	1.1988	A	1.5
9	☐			127626.88	0.0286	P	7.9

$$y = 0.0012 * x + 8.6202E-004$$

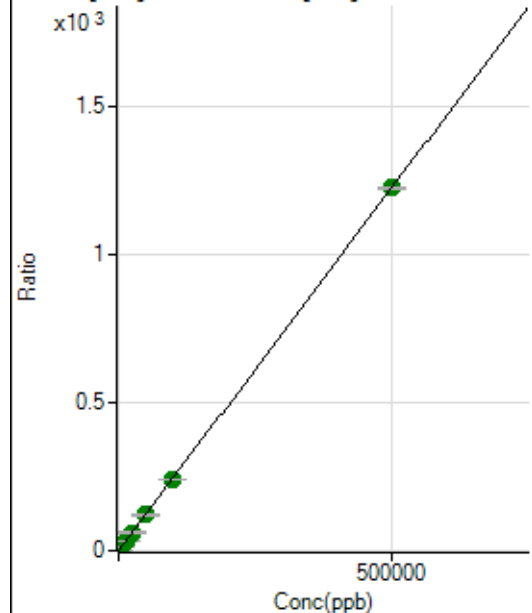
$$R = 0.9999$$

$$DL = 0.08617$$

$$BEC = 0.7228$$

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	22926.48	0.0533	P	2.7
2	☐	50.000					
3	☐	500.000	480.470	526176.12	1.2287	P	1.0
4	☐	5000.000	5223.388	5428522.65	12.8316	A	0.9
5	☐	12500.000	12957.598	13309924.60	31.7524	A	0.5
6	☐	25000.000	25144.102	25806458.39	61.5652	A	0.7
7	☐	50000.000	49221.022	51578591.43	120.4664	A	0.9
8	☐	100000.00	98896.070	104962765.54	241.9903	A	0.3
9	☐	500000.00	500277.82	508920622.49	1,223.921	A	0.7

$$y = 0.0024 * x + 0.0533$$

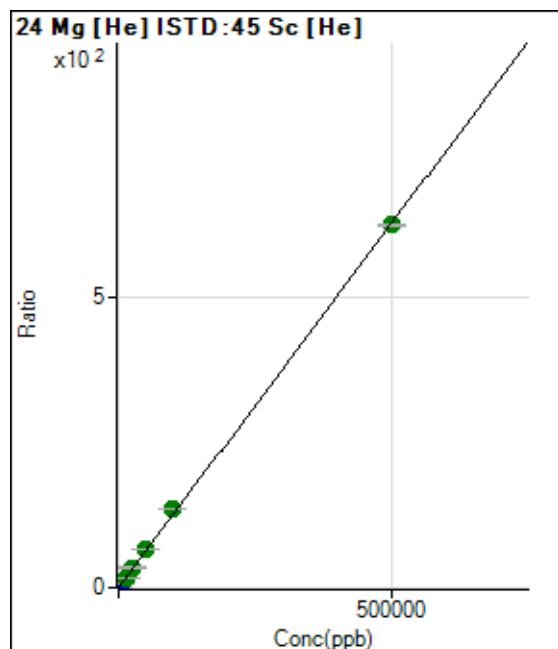
$$R = 1.0000$$

$$DL = 1.743$$

$$BEC = 21.77$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	297.24	0.0007	P	5.6
2	☐	50.000					
3	☐	500.000	522.652	282014.98	0.6585	P	0.5
4	☐	5000.000	5790.783	3083838.70	7.2894	P	0.4
5	☐	12500.000	14279.626	7534338.89	17.9742	A	0.9
6	☐	25000.000	27669.683	14598310.57	34.8280	A	1.2
7	☐	50000.000	53435.676	28797365.23	67.2592	A	1.1
8	☐	100000.00	107479.06	58679041.59	135.2827	A	0.6
9	☐	500000.00	497974.71	260630383.61	626.7925	A	0.6

$$y = 0.0013 * x + 6.9052E-004$$

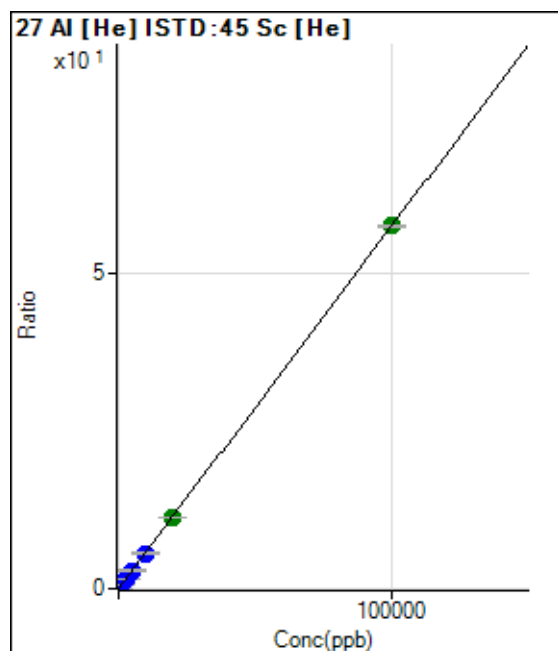
$$R = 0.9999$$

$$DL = 0.09249$$

$$BEC = 0.5486$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0001	P	68.5
2	☐	2.000					
3	☐	20.000	19.359	4831.51	0.0113	P	4.1
4	☐	1000.000	1048.764	255442.95	0.6038	P	0.5
5	☐	2500.000	2587.886	624463.27	1.4897	P	0.3
6	☐	5000.000	5020.677	1211339.07	2.8900	P	1.3
7	☐	10000.000	9774.975	2409056.57	5.6265	P	0.8
8	☐	20000.000	19623.273	4899248.64	11.2951	A	0.4
9	☐	100000.00	100094.12	23956751.40	57.6134	A	0.5

$$y = 5.7559E-004 * x + 1.4172E-004$$

$$R = 1.0000$$

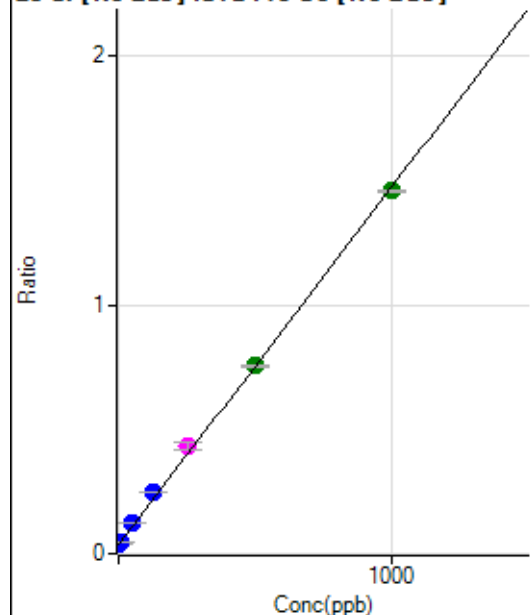
$$DL = 0.506$$

$$BEC = 0.2462$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	365453.73	0.0355	P	1.6
2	☐	1.000					
3	☐	10.000	9.786	509097.62	0.0496	P	0.7
4	☐	50.000	61.521	1239815.51	0.1240	P	0.6
5	☐	125.000	146.565	2449980.29	0.2463	P	0.7
6	☐	250.000	275.895	4261402.18	0.4322	M	6.3
7	☐	500.000	500.166	7490882.02	0.7547	A	1.1
8	☐	1000.000	990.174	14750520.47	1.4594	A	0.4
9	☐			1183262.09	0.1249	P	0.4

$$y = 0.0014 * x + 0.0355$$

$$R = 0.9995$$

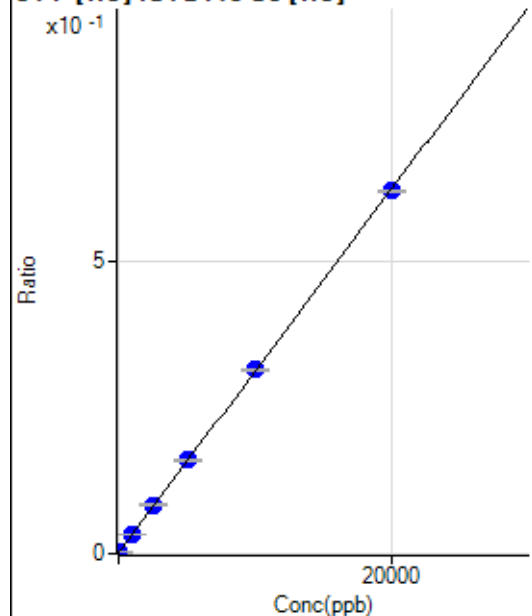
$$DL = 1.193$$

$$BEC = 24.68$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-26.971	202.79	0.0005	P	10.2
2	☐	0.000					
3	☐	0.000	26.971	922.29	0.0022	P	14.5
4	☐	1000.000	1026.816	14104.43	0.0333	P	1.5
5	☐	2500.000	2646.181	35147.85	0.0838	P	1.3
6	☐	5000.000	5123.569	67528.58	0.1611	P	2.1
7	☐	10000.000	10094.320	135365.65	0.3162	P	1.0
8	☐	20000.000	19902.334	269823.88	0.6221	P	0.8
9	☐			294.46	0.0007	P	12.2

$$y = 3.1191E-005 * x + 0.0013$$

$$R = 0.9999$$

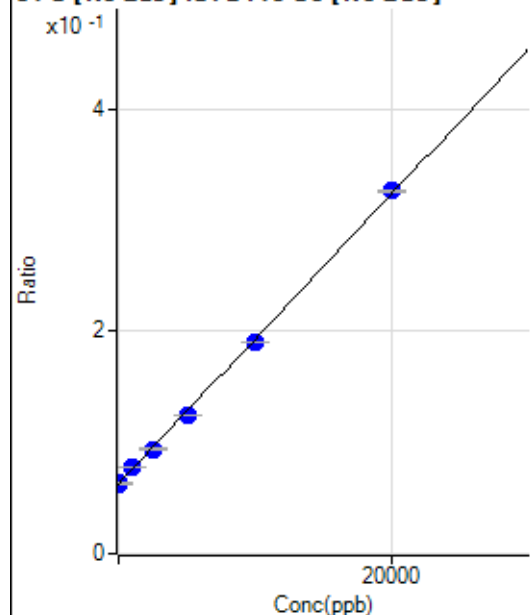
$$DL = 17.31$$

$$BEC = 42.07$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-26.551	643972.74	0.0625	P	0.5
2	☐	0.000					
3	☐	0.000	26.551	649484.17	0.0632	P	0.7
4	☐	1000.000	1158.996	779960.38	0.0780	P	1.2
5	☐	2500.000	2401.140	936884.79	0.0942	P	1.4
6	☐	5000.000	4743.067	1228920.51	0.1247	P	0.8
7	☐	10000.000	9732.747	1882607.12	0.1897	P	0.4
8	☐	20000.000	20202.267	3295531.91	0.3261	P	0.4
9	☐			580823.70	0.0613	P	1.3

$$y = 1.3026E-005 * x + 0.0629$$

$$R = 0.9997$$

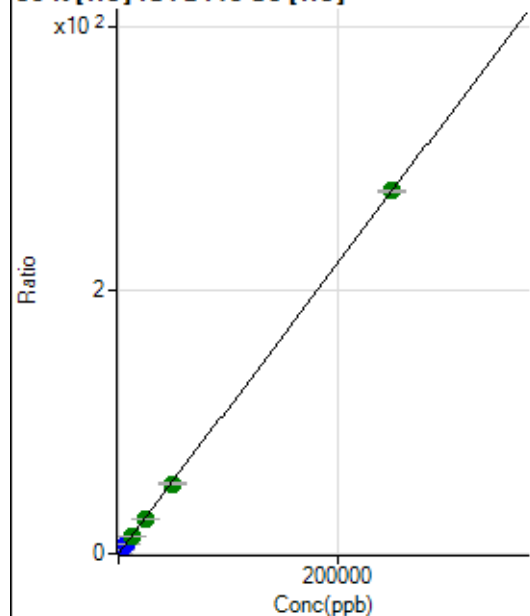
$$DL = 87.21$$

$$BEC = 4828$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22709.80	0.0528	P	2.0
2	☐	50.000					
3	☐	500.000	472.758	244862.20	0.5718	P	0.4
4	☐	2500.000	2561.726	1212114.83	2.8651	P	0.2
5	☐	6250.000	6368.410	2952840.08	7.0443	P	0.2
6	☐	12500.000	12210.373	5640876.21	13.4578	A	1.2
7	☐	25000.000	23873.582	11244216.83	26.2622	A	0.9
8	☐	50000.000	48367.155	23054446.00	53.1523	A	0.5
9	☐	250000.00	250450.16	114352537.28	275.0075	A	0.8

$$y = 0.0011 * x + 0.0528$$

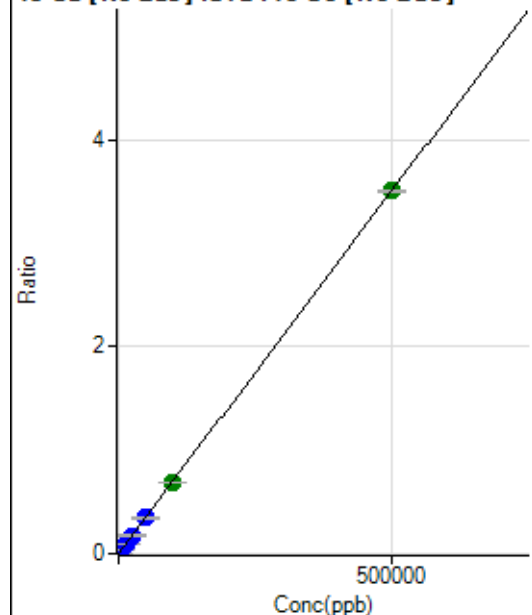
$$R = 1.0000$$

$$DL = 2.819$$

$$BEC = 48.06$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	175.01	0.0000	P	12.1
2	☐	50.000					
3	☐	500.000	458.901	33204.99	0.0032	P	1.2
4	☐	5000.000	5229.398	366696.26	0.0367	P	0.8
5	☐	12500.000	12692.879	885122.14	0.0890	P	0.2
6	☐	25000.000	25117.694	1735174.00	0.1760	P	1.3
7	☐	50000.000	49296.378	3428857.45	0.3455	P	1.2
8	☐	100000.00	98342.902	6965836.01	0.6892	A	0.4
9	☐	500000.00	500388.82	33228488.24	3.5066	A	0.5

$$y = 7.0077\text{E-}006 * x + 1.6990\text{E-}005$$

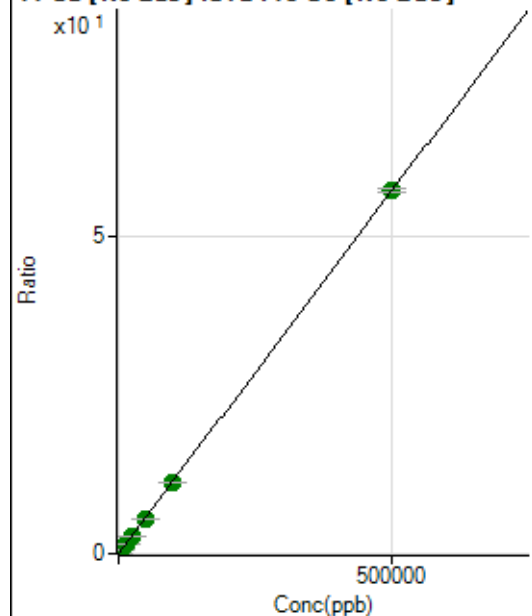
$$R = 1.0000$$

$$DL = 0.8821$$

$$BEC = 2.425$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8747.38	0.0008	P	3.4
2	☐	50.000					
3	☐	500.000	457.552	545396.17	0.0531	P	0.5
4	☐	5000.000	5155.549	5896673.92	0.5896	A	1.3
5	☐	12500.000	12518.290	14230816.12	1.4304	A	0.5
6	☐	25000.000	24803.218	27928241.25	2.8332	A	0.3
7	☐	50000.000	48717.325	55226075.54	5.5641	A	0.8
8	☐	100000.00	98028.333	113156930.31	11.1951	A	0.4
9	☐	500000.00	500530.47	541616734.33	57.1586	A	1.1

$$y = 1.1419\text{E-}004 * x + 8.4955\text{E-}004$$

$$R = 1.0000$$

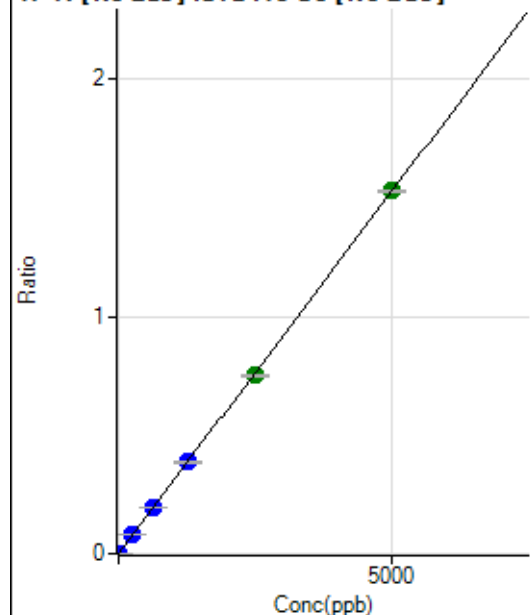
$$DL = 0.7561$$

$$BEC = 7.439$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	113.90	0.0000	P	10.7
2	☐	0.500					
3	☐	5.000	4.900	15472.60	0.0015	P	2.9
4	☐	250.000	262.080	800016.83	0.0800	P	1.5
5	☐	625.000	641.454	1947679.43	0.1958	P	0.4
6	☐	1250.000	1263.207	3800027.69	0.3855	P	0.8
7	☐	2500.000	2462.881	7460428.03	0.7516	A	0.5
8	☐	5000.000	5012.597	15462032.64	1.5297	A	0.5
9	☐			3539.47	0.0004	P	3.3

$$y = 3.0517E-004 * x + 1.1058E-005$$

$$R = 0.9999$$

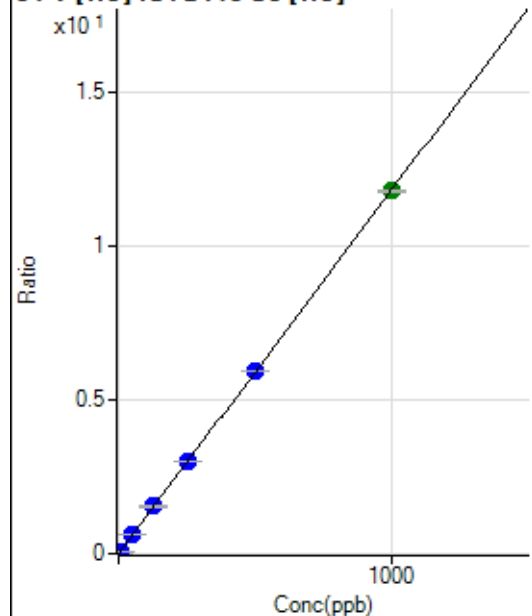
$$DL = 0.01165$$

$$BEC = 0.03623$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12.22	0.0000	P	15.3
2	☐	0.500					
3	☐	5.000	5.019	25366.40	0.0592	P	0.8
4	☐	50.000	51.805	258565.73	0.6112	P	0.4
5	☐	125.000	129.614	640984.60	1.5291	P	0.4
6	☐	250.000	254.337	1257692.20	3.0005	P	0.9
7	☐	500.000	500.652	2528888.61	5.9063	P	0.3
8	☐	1000.000	997.923	5106324.13	11.7728	A	0.7
9	☐			1164.51	0.0028	P	9.8

$$y = 0.0118 * x + 2.8376E-005$$

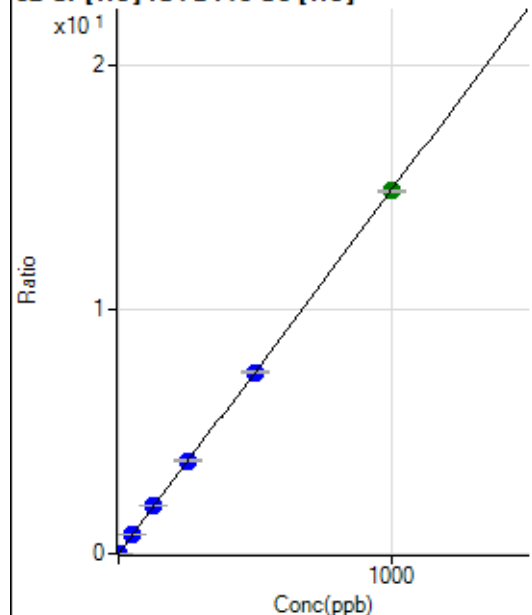
$$R = 1.0000$$

$$DL = 0.001104$$

$$BEC = 0.002405$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1981.28	0.0046	P	1.6
2	☐	0.200					
3	☐	2.000	1.984	14604.08	0.0341	P	0.4
4	☐	50.000	52.924	334855.16	0.7915	P	0.6
5	☐	125.000	131.321	820403.87	1.9572	P	0.4
6	☐	250.000	256.098	1597942.96	3.8124	P	1.5
7	☐	500.000	499.476	3181696.90	7.4311	P	0.5
8	☐	1000.000	997.801	6436970.18	14.8405	A	0.2
9	☐			53532.49	0.1287	P	0.4

$$y = 0.0149 * x + 0.0046$$

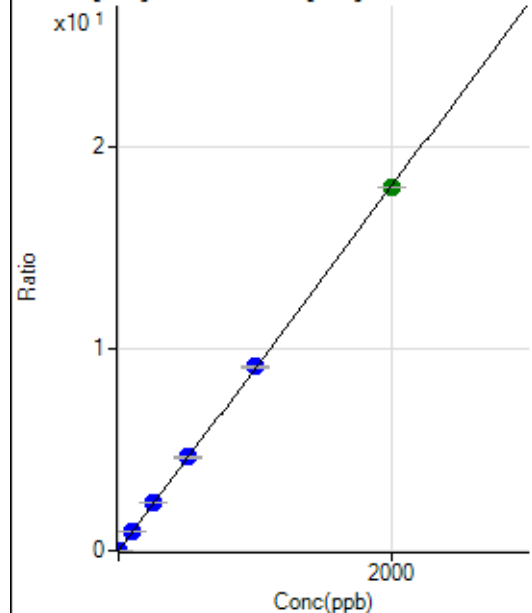
$$R = 1.0000$$

$$DL = 0.01513$$

$$BEC = 0.3096$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	62.23	0.0001	P	24.0
2	☐	0.100					
3	☐	1.000	1.034	4063.96	0.0095	P	1.4
4	☐	100.000	107.193	409767.91	0.9686	P	0.3
5	☐	250.000	265.477	1005463.04	2.3986	P	0.4
6	☐	500.000	515.267	1951260.98	4.6554	P	1.5
7	☐	1000.000	1007.593	3897683.10	9.1033	P	1.1
8	☐	2000.000	1990.093	7798665.72	17.9798	A	0.1
9	☐			37937.89	0.0912	P	1.2

$$y = 0.0090 * x + 1.4456E-004$$

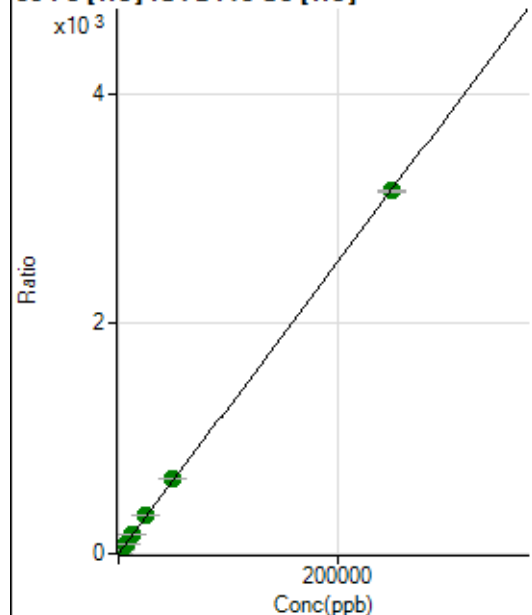
$$R = 0.9999$$

$$DL = 0.01154$$

$$BEC = 0.016$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7074.16	0.0164	P	2.8
2	☐	5.000					
3	☐	50.000	53.736	297954.44	0.6958	P	0.8
4	☐	2500.000	2775.403	14850728.23	35.1034	A	0.6
5	☐	6250.000	6914.588	36649937.86	87.4315	A	0.4
6	☐	12500.000	13360.340	70802037.23	168.9195	A	1.5
7	☐	25000.000	25968.079	140566764.25	328.3082	A	0.9
8	☐	50000.000	51967.220	284966121.19	656.9926	A	0.3
9	☐	250000.00	249447.36	1311318444.1	3,153.561	A	0.5

$$y = 0.0126 * x + 0.0164$$

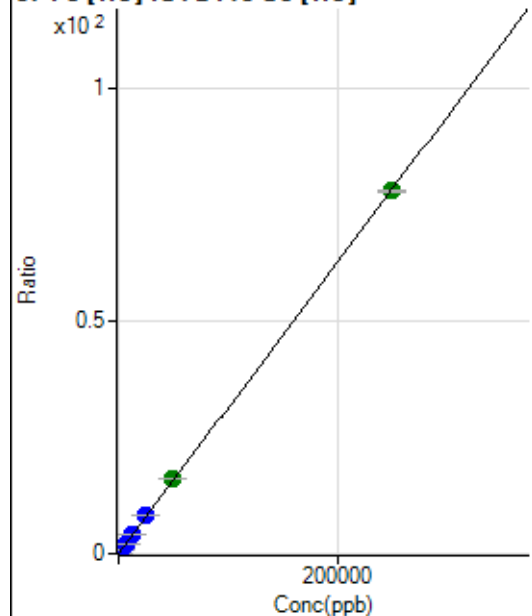
$$R = 1.0000$$

$$DL = 0.11$$

$$BEC = 1.3$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	144.45	0.0003	P	9.9
2	☐	5.000					
3	☐	50.000	53.417	7279.77	0.0170	P	4.5
4	☐	2500.000	2761.064	364619.67	0.8619	P	0.5
5	☐	6250.000	6842.075	895062.82	2.1353	P	0.2
6	☐	12500.000	13309.217	1740804.32	4.1532	P	1.4
7	☐	25000.000	26014.859	3475700.34	8.1177	P	0.4
8	☐	50000.000	51827.515	7014591.13	16.1720	A	0.4
9	☐	250000.00	249475.13	32368945.40	77.8439	A	0.7

$$y = 3.1203E-004 * x + 3.3554E-004$$

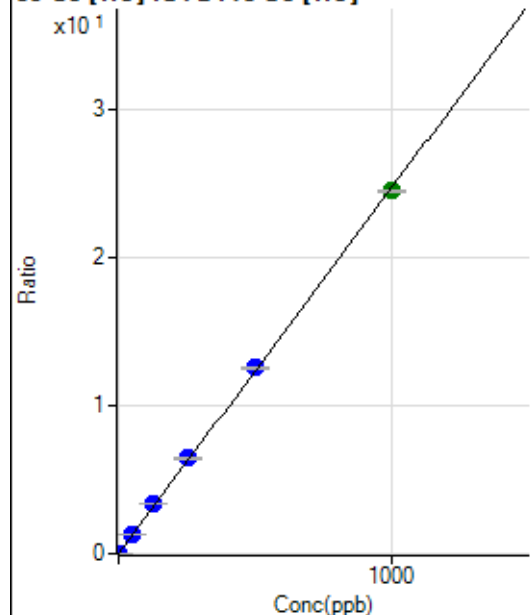
$$R = 1.0000$$

$$DL = 0.3207$$

$$BEC = 1.075$$

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	90.00	0.0002	P	3.8
2	☐	0.100					
3	☐	1.000	0.978	10453.86	0.0244	P	3.7
4	☐	50.000	54.126	566607.83	1.3393	P	0.1
5	☐	125.000	134.698	1397018.02	3.3327	P	0.3
6	☐	250.000	261.016	2706872.81	6.4579	P	1.1
7	☐	500.000	507.443	5375393.88	12.5546	P	0.1
8	☐	1000.000	992.106	10646408.73	24.5454	A	0.5
9	☐			117530.71	0.2826	P	0.5

$$y = 0.0247 * x + 2.0911E-004$$

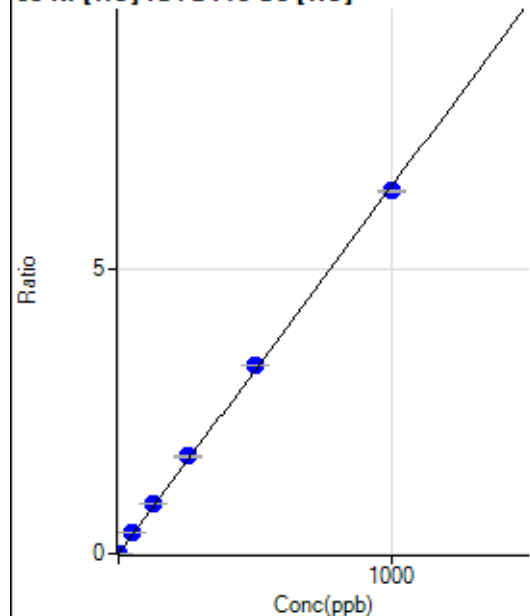
$$R = 0.9999$$

$$DL = 0.0009672$$

$$BEC = 0.008452$$

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	113.33	0.0003	P	13.5
2	☐	0.100					
3	☐	1.000	1.052	3011.47	0.0070	P	3.1
4	☐	50.000	55.850	152102.92	0.3595	P	0.5
5	☐	125.000	138.524	373641.39	0.8914	P	0.0
6	☐	250.000	265.227	715235.05	1.7064	P	1.3
7	☐	500.000	512.145	1410696.38	3.2948	P	0.5
8	☐	1000.000	988.138	2757184.33	6.3567	P	0.2
9	☐			33858.11	0.0814	P	2.4

$$y = 0.0064 * x + 2.6331E-004$$

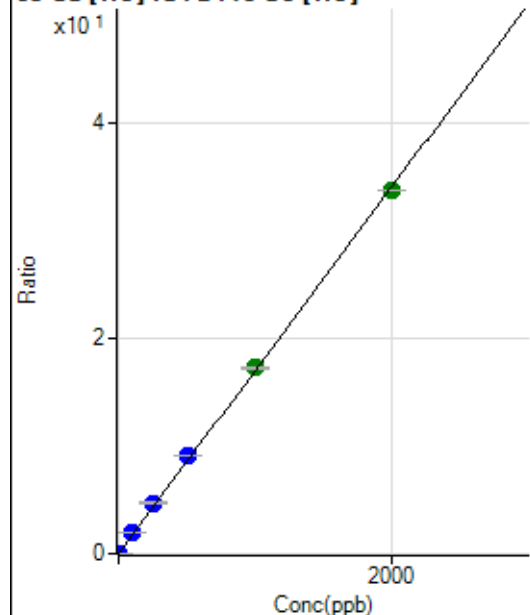
$$R = 0.9997$$

$$DL = 0.01652$$

$$BEC = 0.04093$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3323.77	0.0077	P	2.7
2	☐	0.200					
3	☐	2.000	2.055	18305.00	0.0427	P	2.4
4	☐	100.000	112.479	814205.81	1.9246	P	0.3
5	☐	250.000	277.597	1986282.31	4.7385	P	0.5
6	☐	500.000	535.210	3826186.33	9.1287	P	1.7
7	☐	1000.000	1012.970	7394470.24	17.2706	A	1.1
8	☐	2000.000	1980.639	14643868.11	33.7615	A	0.1
9	☐			20307.65	0.0488	P	1.6

$$y = 0.0170 * x + 0.0077$$

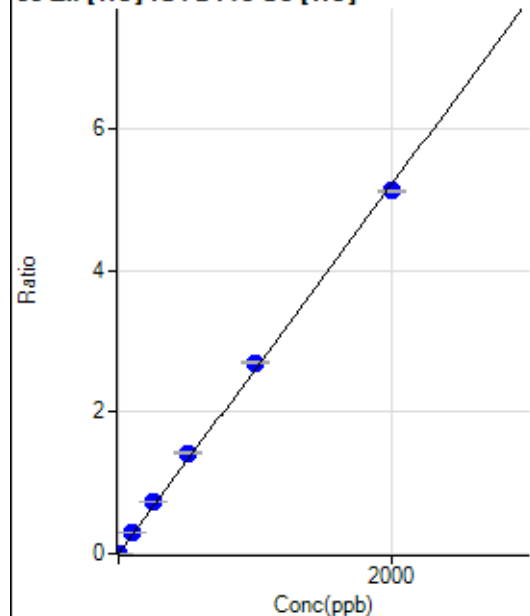
$$R = 0.9997$$

$$DL = 0.0361$$

$$BEC = 0.4531$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	305.56	0.0007	P	8.7
2	☐	0.200					
3	☐	2.000	1.905	2425.80	0.0057	P	2.9
4	☐	100.000	115.410	127301.21	0.3009	P	0.9
5	☐	250.000	284.697	310718.31	0.7413	P	0.4
6	☐	500.000	545.823	595394.17	1.4205	P	1.4
7	☐	1000.000	1033.327	1151144.58	2.6886	P	0.7
8	☐	2000.000	1966.773	2219320.61	5.1166	P	0.6
9	☐			17363.89	0.0418	P	1.9

$$y = 0.0026 * x + 7.0982E-004$$

$$R = 0.9994$$

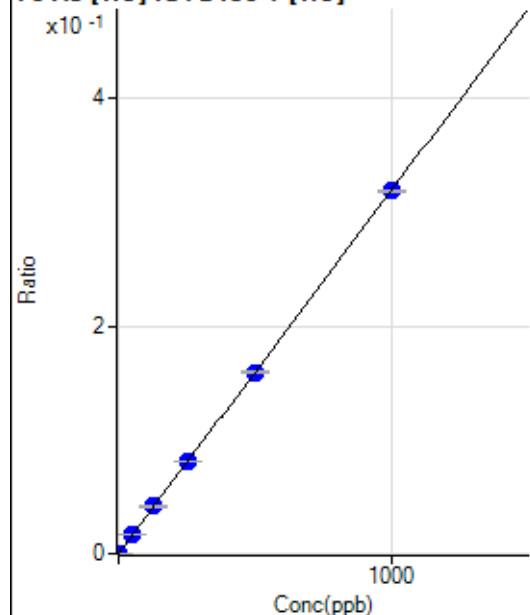
$$DL = 0.07104$$

$$BEC = 0.2729$$

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	6.17	0.0000	P	69.7
2	☐	0.100					
3	☐	1.000	0.967	645.70	0.0003	P	5.9
4	☐	50.000	52.535	34474.75	0.0168	P	0.8
5	☐	125.000	129.766	85413.04	0.0414	P	0.8
6	☐	250.000	254.143	166439.51	0.0811	P	0.3
7	☐	500.000	499.913	332833.99	0.1595	P	0.3
8	☐	1000.000	998.286	660081.15	0.3185	P	0.4
9	☐			846.95	0.0004	P	2.2

$$y = 3.1904\text{E-}004 * x + 2.9642\text{E-}006$$

$$R = 1.0000$$

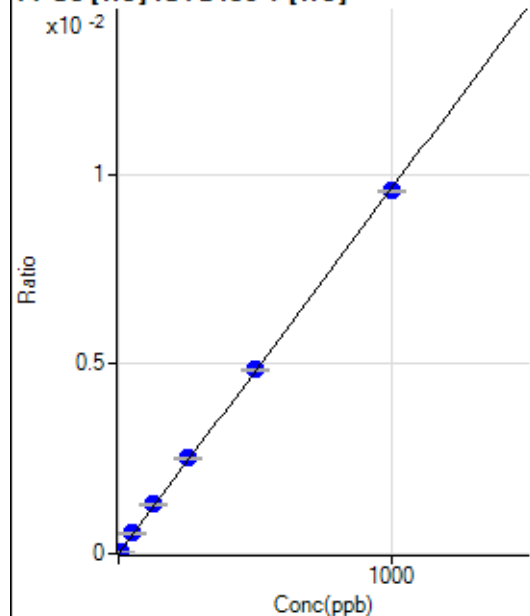
$$DL = 0.01942$$

$$BEC = 0.009291$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	6.405	127.78	0.0001	P	10.6
4	☐	50.000	56.935	1126.73	0.0005	P	7.9
5	☐	125.000	134.613	2671.40	0.0013	P	4.2
6	☐	250.000	262.566	5185.45	0.0025	P	1.7
7	☐	500.000	503.343	10105.90	0.0048	P	1.6
8	☐	1000.000	993.632	19813.79	0.0096	P	0.4
9	☐			8.89	0.0000	P	57.4

$$y = 9.6218\text{E-}006 * x + 0.0000\text{E+}000$$

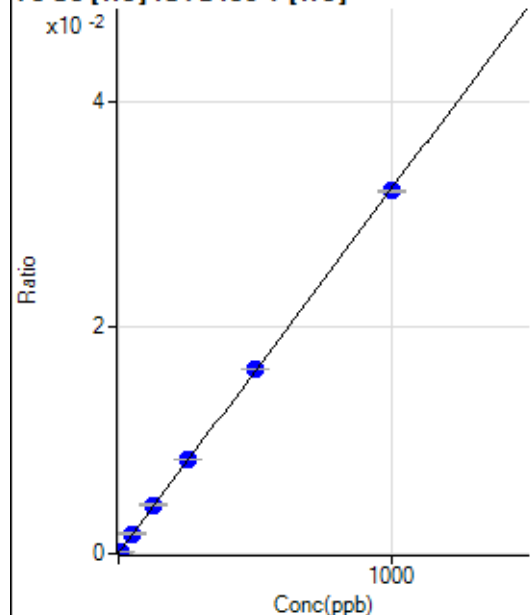
$$R = 0.9999$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	94.44	0.0000	P	20.7
2	☐	0.500					
3	☐	5.000	5.622	469.15	0.0002	P	0.9
4	☐	50.000	53.763	3652.34	0.0018	P	2.4
5	☐	125.000	132.429	8887.34	0.0043	P	1.1
6	☐	250.000	258.471	17170.73	0.0084	P	0.6
7	☐	500.000	505.083	34020.09	0.0163	P	0.5
8	☐	1000.000	994.221	66418.33	0.0320	P	0.8
9	☐			103.71	0.0001	P	18.3

$$y = 3.2188\text{E-}005 * x + 4.5324\text{E-}005$$

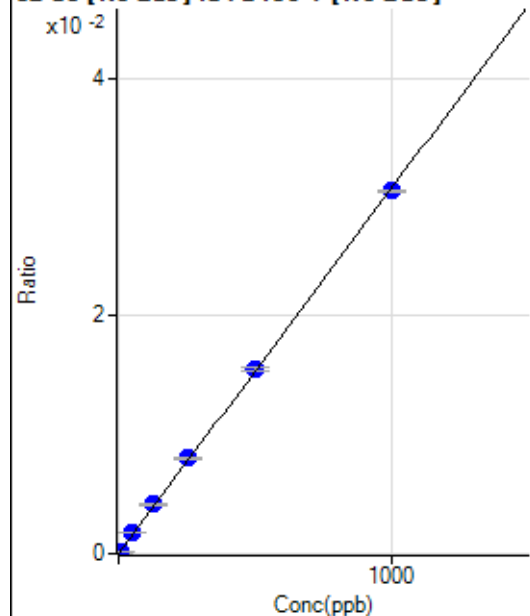
$$R = 0.9999$$

$$DL = 0.8761$$

$$BEC = 1.408$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	40.16	0.0000	P	93.4
2	☐	0.500					
3	☐	5.000	5.084	2470.58	0.0002	P	1.7
4	☐	50.000	55.697	26348.83	0.0017	P	1.3
5	☐	125.000	134.560	63646.64	0.0041	P	1.1
6	☐	250.000	261.278	123626.55	0.0080	P	1.1
7	☐	500.000	505.289	240828.11	0.0155	P	1.2
8	☐	1000.000	993.055	474069.03	0.0305	P	0.5
9	☐			239.14	0.0000	P	29.6

$$y = 3.0738\text{E-}005 * x + 2.5394\text{E-}006$$

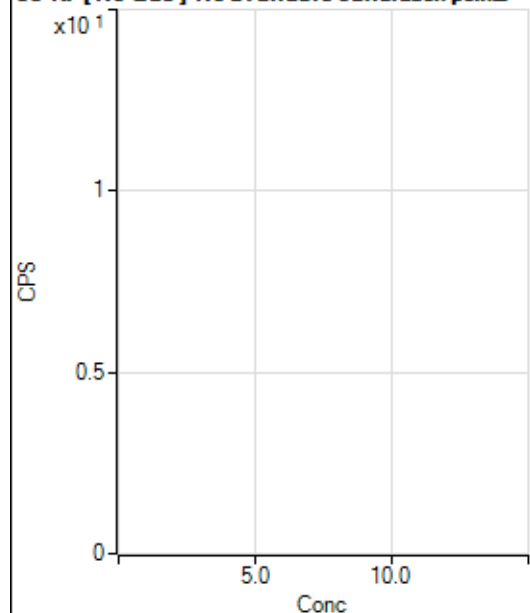
$$R = 0.9999$$

$$DL = 0.2314$$

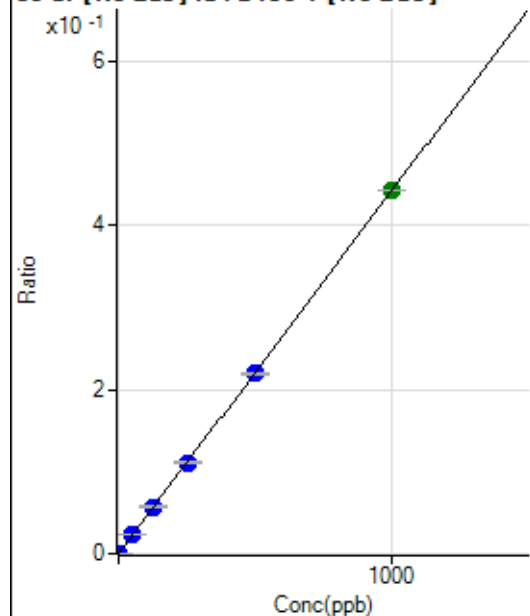
$$BEC = 0.08262$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			657.80		P	6.1
2	☐						
3	☐			698.92		P	5.1
4	☐			640.03		P	5.2
5	☐			673.36		P	1.5
6	☐			664.47		P	2.3
7	☐			666.69		P	5.6
8	☐			740.03		P	9.8
9	☐			730.03		P	2.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1150.10	0.0001	P	10.1
2	☐	0.100					
3	☐	1.000	0.926	7502.27	0.0005	P	2.4
4	☐	50.000	52.779	359806.17	0.0234	P	0.4
5	☐	125.000	129.351	880808.07	0.0573	P	0.7
6	☐	250.000	251.217	1710656.16	0.1112	P	1.4
7	☐	500.000	497.114	3409302.98	0.2199	P	0.9
8	☐	1000.000	1000.456	6871757.27	0.4425	A	0.1
9	☐			28749.02	0.0020	P	1.7

$$y = 4.4221\text{E-}004 * x + 7.2567\text{E-}005$$

$$R = 1.0000$$

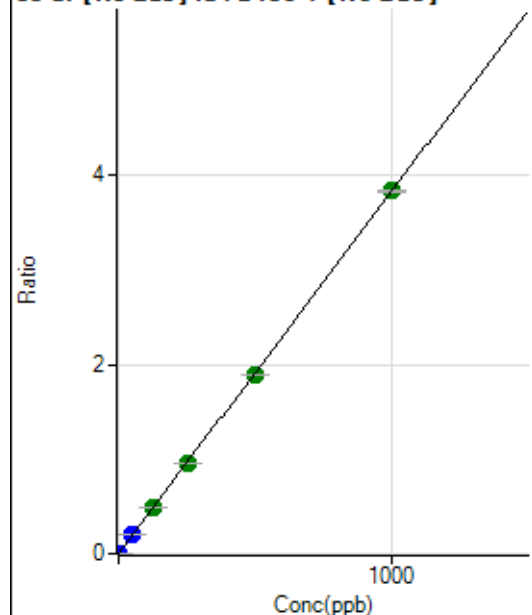
$$DL = 0.0499$$

$$BEC = 0.1641$$

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	172.23	0.0000	P	18.9
2	☐	0.100					
3	☐	1.000	0.939	56110.42	0.0036	P	0.9
4	☐	50.000	53.102	3125047.81	0.2034	P	1.5
5	☐	125.000	128.154	7547388.62	0.4907	A	0.2
6	☐	250.000	250.160	14741950.67	0.9579	A	0.3
7	☐	500.000	495.058	29391666.97	1.8957	A	0.3
8	☐	1000.000	1001.882	59580682.58	3.8365	A	0.4
9	☐			238018.01	0.0166	P	0.6

$$y = 0.0038 * x + 1.0856E-005$$

$$R = 1.0000$$

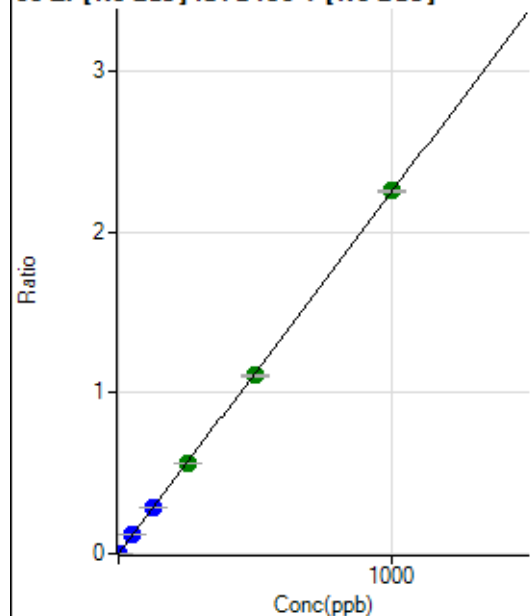
$$DL = 0.001611$$

$$BEC = 0.002835$$

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	938.96	0.0001	P	18.9
2	☐	0.100					
3	☐	1.000	0.934	33540.28	0.0022	P	2.8
4	☐	50.000	52.249	1803807.07	0.1174	P	1.2
5	☐	125.000	128.786	4448065.16	0.2892	P	0.7
6	☐	250.000	248.783	8597192.90	0.5587	A	0.5
7	☐	500.000	492.691	17151841.36	1.1063	A	1.1
8	☐	1000.000	1003.373	34988014.32	2.2530	A	0.3
9	☐			9206.10	0.0006	P	3.1

$$y = 0.0022 * x + 5.9186E-005$$

$$R = 0.9999$$

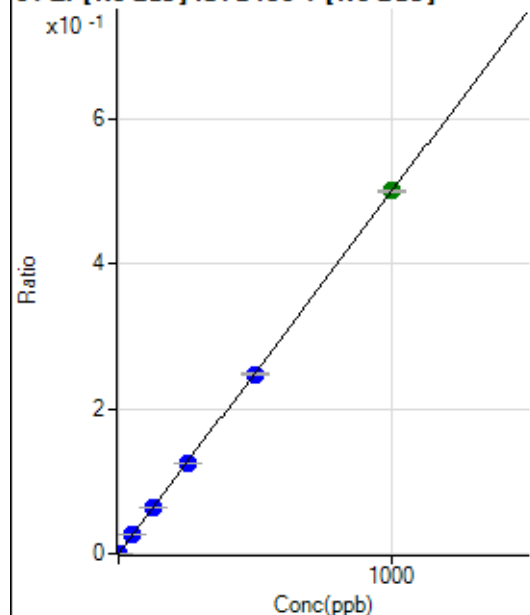
$$DL = 0.01497$$

$$BEC = 0.02636$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	163.90	0.0000	P	18.7
2	☐	0.100					
3	☐	1.000	0.931	7402.23	0.0005	P	2.4
4	☐	50.000	52.124	400567.13	0.0261	P	0.6
5	☐	125.000	127.901	983402.97	0.0639	P	0.5
6	☐	250.000	248.099	1908578.21	0.1240	P	0.9
7	☐	500.000	496.097	3844683.55	0.2480	P	1.0
8	☐	1000.000	1001.958	7777848.18	0.5008	A	0.7
9	☐			1916.89	0.0001	P	14.5

$$y = 4.9986E-004 * x + 1.0332E-005$$

$$R = 1.0000$$

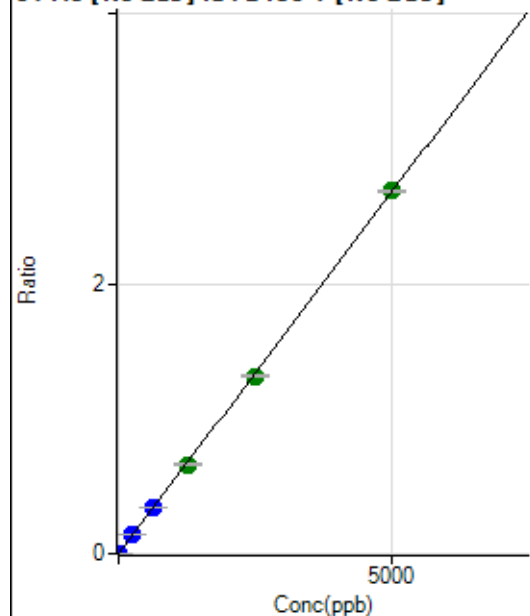
$$DL = 0.01158$$

$$BEC = 0.02067$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	363.91	0.0000	P	14.7
2	☐	0.500					
3	☐	5.000	4.859	40859.56	0.0026	P	1.8
4	☐	250.000	263.344	2168575.94	0.1411	P	1.3
5	☐	625.000	647.075	5331972.60	0.3467	P	0.5
6	☐	1250.000	1236.592	10195575.84	0.6625	A	1.2
7	☐	2500.000	2460.192	20435632.57	1.3181	A	0.9
8	☐	5000.000	5019.829	41765548.85	2.6895	A	0.9
9	☐			20735.14	0.0014	P	3.5

$$y = 5.3576E-004 * x + 2.2958E-005$$

$$R = 0.9999$$

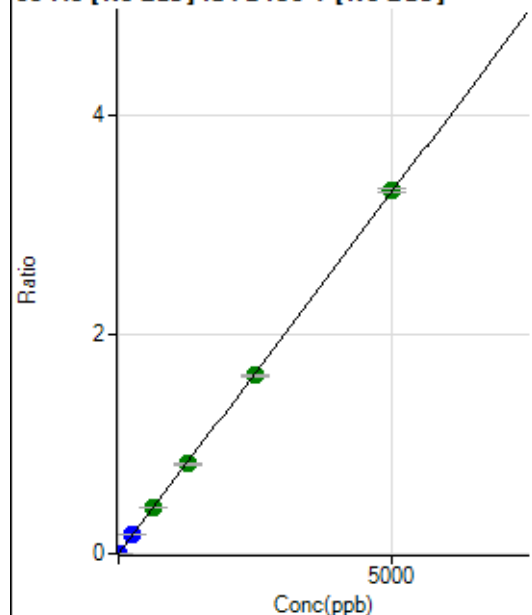
$$DL = 0.01884$$

$$BEC = 0.04285$$

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	91.67	0.0000	P	39.0
2	☐	0.500					
3	☐	5.000	4.868	49994.22	0.0032	P	0.8
4	☐	250.000	261.891	2652144.37	0.1726	P	1.5
5	☐	625.000	633.918	6424409.56	0.4177	A	0.3
6	☐	1250.000	1237.380	12548103.06	0.8154	A	0.1
7	☐	2500.000	2463.486	25168161.67	1.6233	A	0.6
8	☐	5000.000	5019.703	51367614.34	3.3078	A	1.2
9	☐			32357.26	0.0023	P	2.4

$$y = 6.5896E-004 * x + 5.7738E-006$$

$$R = 0.9999$$

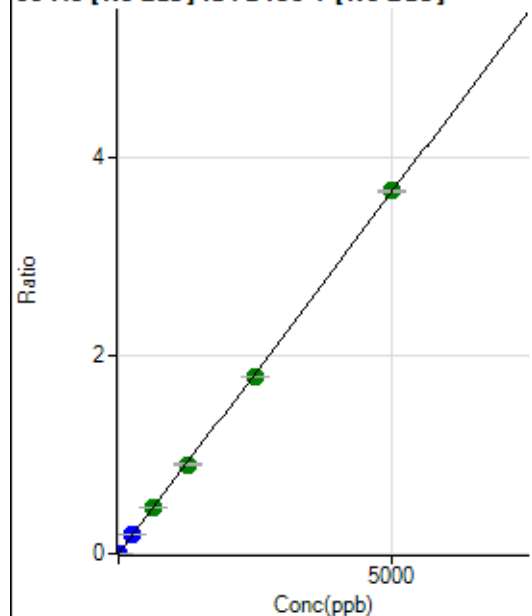
$$DL = 0.01025$$

$$BEC = 0.008762$$

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	191.68	0.0000	P	10.9
2	☐	0.500					
3	☐	5.000	4.910	55966.43	0.0036	P	1.0
4	☐	250.000	261.850	2938365.00	0.1912	P	1.6
5	☐	625.000	631.231	7088698.25	0.4609	A	0.5
6	☐	1250.000	1236.334	13892167.67	0.9027	A	0.7
7	☐	2500.000	2455.664	27799860.00	1.7931	A	0.4
8	☐	5000.000	5024.213	56971222.80	3.6685	A	0.8
9	☐			46886.44	0.0033	P	3.7

$$y = 7.3017E-004 * x + 1.2086E-005$$

$$R = 0.9999$$

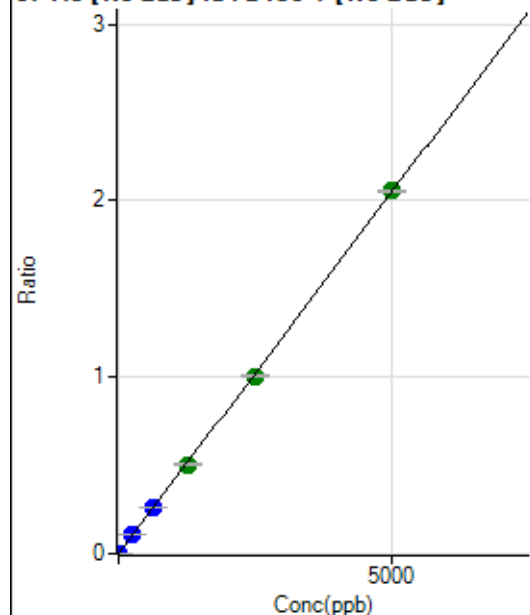
$$DL = 0.005405$$

$$BEC = 0.01655$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.23	0.0000	P	26.6
2	☐	0.500					
3	☐	5.000	4.926	31418.91	0.0020	P	2.6
4	☐	250.000	261.322	1642963.49	0.1069	P	1.5
5	☐	625.000	641.627	4036930.17	0.2625	P	0.6
6	☐	1250.000	1236.671	7785549.31	0.5059	A	0.9
7	☐	2500.000	2456.066	15578270.48	1.0048	A	0.8
8	☐	5000.000	5022.655	31909216.34	2.0548	A	0.7
9	☐			17550.24	0.0012	P	2.7

$$y = 4.0910E-004 * x + 4.5555E-006$$

$$R = 0.9999$$

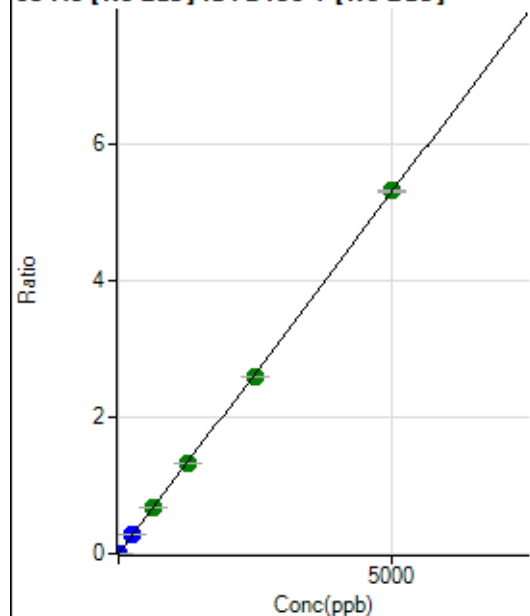
$$DL = 0.008882$$

$$BEC = 0.01114$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	150.01	0.0000	P	23.6
2	☐	0.500					
3	☐	5.000	4.846	79873.61	0.0051	P	1.2
4	☐	250.000	262.440	4265512.20	0.2776	P	1.4
5	☐	625.000	630.758	10259465.68	0.6671	A	0.6
6	☐	1250.000	1240.587	20191241.25	1.3120	A	0.2
7	☐	2500.000	2452.997	40221367.91	2.5943	A	0.8
8	☐	5000.000	5024.513	82523616.43	5.3139	A	0.2
9	☐			44740.49	0.0031	P	3.8

$$y = 0.0011 * x + 9.4547E-006$$

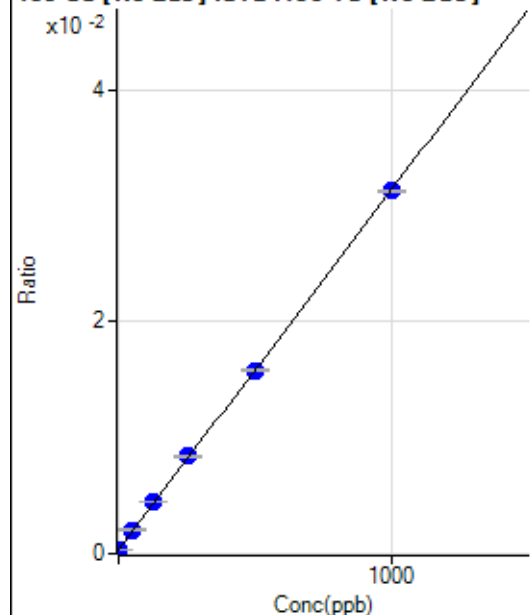
$$R = 0.9999$$

$$DL = 0.006335$$

$$BEC = 0.00894$$

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	7113.16	0.0003	P	3.5
2	☐	0.100					
3	☐	1.000	1.564	8072.09	0.0004	P	2.4
4	☐	50.000	56.199	44393.04	0.0021	P	2.6
5	☐	125.000	132.843	97081.27	0.0045	P	1.6
6	☐	250.000	259.711	181918.97	0.0084	P	0.7
7	☐	500.000	498.969	345258.67	0.0158	P	0.5
8	☐	1000.000	996.797	685293.48	0.0313	P	0.5
9	☐			7088.20	0.0004	P	1.5

$$y = 3.1054\text{E-}005 * x + 3.2479\text{E-}004$$

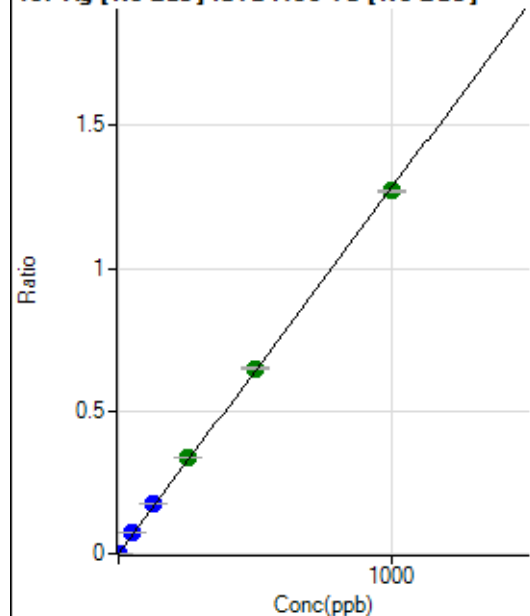
$$R = 0.9999$$

$$DL = 1.095$$

$$BEC = 10.46$$

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	180.57	0.0000	P	9.8
2	☐	0.100					
3	☐	1.000	1.082	30172.01	0.0014	P	1.0
4	☐	50.000	57.556	1582004.46	0.0738	P	0.9
5	☐	125.000	136.711	3822459.81	0.1752	P	0.8
6	☐	250.000	262.151	7284814.40	0.3360	A	0.9
7	☐	500.000	506.274	14160939.38	0.6489	A	0.7
8	☐	1000.000	991.983	27853760.34	1.2713	A	0.2
9	☐			1944.67	0.0001	P	7.3

$$y = 0.0013 * x + 8.2457\text{E-}006$$

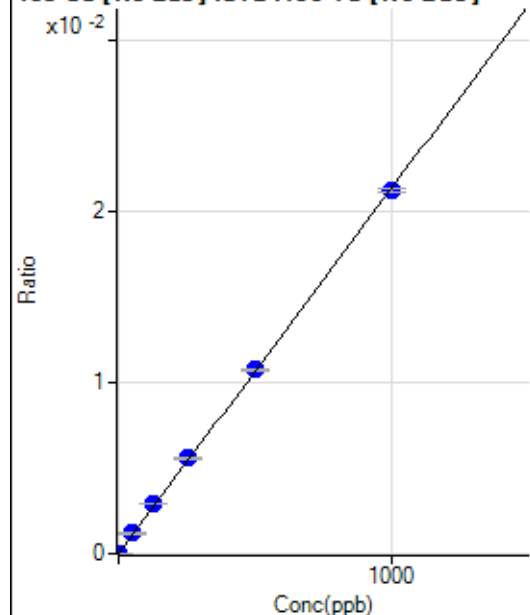
$$R = 0.9999$$

$$DL = 0.001887$$

$$BEC = 0.006434$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	26.39	0.0000	P	9.4
2	☐	0.100					
3	☐	1.000	0.937	458.35	0.0000	P	13.3
4	☐	50.000	55.431	25380.01	0.0012	P	1.6
5	☐	125.000	135.962	63294.88	0.0029	P	0.5
6	☐	250.000	261.482	120958.07	0.0056	P	1.5
7	☐	500.000	504.553	234902.46	0.0108	P	1.3
8	☐	1000.000	993.211	464200.37	0.0212	P	1.0
9	☐			109.72	0.0000	P	19.2

$$y = 2.1331\text{E-}005 * x + 1.2052\text{E-}006$$

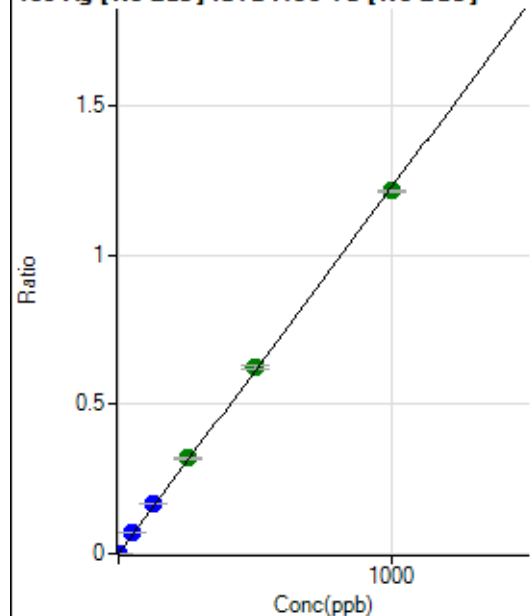
$$R = 0.9999$$

$$DL = 0.01587$$

$$BEC = 0.0565$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	147.23	0.0000	P	59.1
2	☐	0.100					
3	☐	1.000	1.076	28716.12	0.0013	P	0.6
4	☐	50.000	57.491	1513788.36	0.0706	P	1.2
5	☐	125.000	137.819	3691561.11	0.1692	P	0.8
6	☐	250.000	260.681	6939927.93	0.3201	A	0.7
7	☐	500.000	509.087	13640788.68	0.6251	A	1.4
8	☐	1000.000	990.809	26653151.99	1.2165	A	0.9
9	☐			1872.43	0.0001	P	5.6

$$y = 0.0012 * x + 6.7125\text{E-}006$$

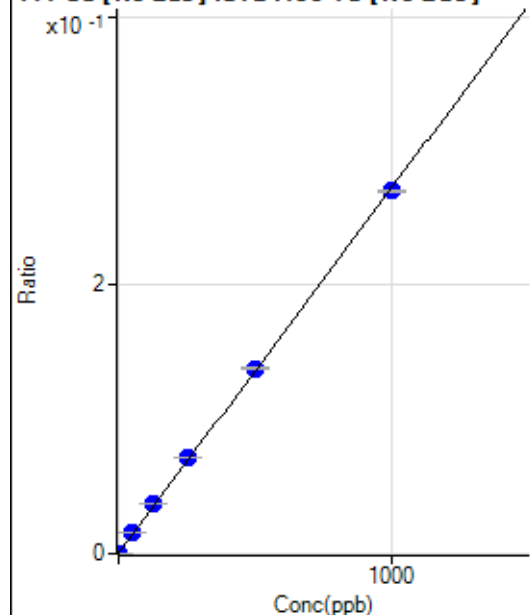
$$R = 0.9998$$

$$DL = 0.00969$$

$$BEC = 0.005467$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4977.41	0.0002	P	3.4
2	☐	0.100					
3	☐	1.000	1.058	11139.26	0.0005	P	1.6
4	☐	50.000	56.489	334438.78	0.0156	P	1.6
5	☐	125.000	135.290	807951.43	0.0370	P	0.1
6	☐	250.000	262.712	1554786.92	0.0717	P	0.3
7	☐	500.000	505.844	3008468.07	0.1379	P	1.2
8	☐	1000.000	992.289	5919994.44	0.2702	P	0.8
9	☐			5691.92	0.0003	P	2.2

$$y = 2.7208E-004 * x + 2.2727E-004$$

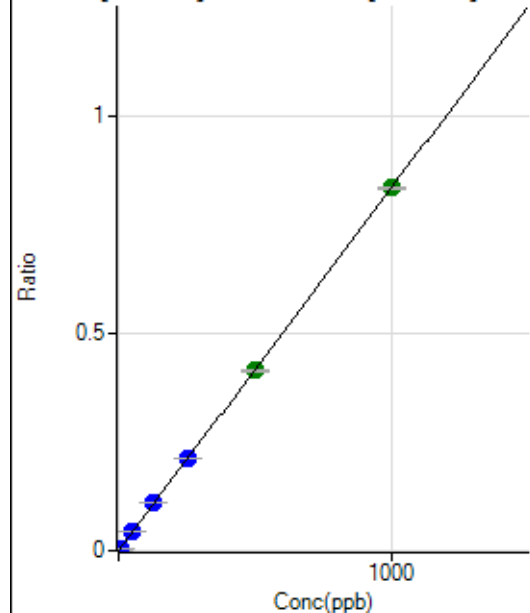
$$R = 0.9999$$

$$DL = 0.08497$$

$$BEC = 0.8353$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1083.42	0.0000	P	4.9
2	☐	0.500					
3	☐	5.000	4.876	89015.09	0.0041	P	1.0
4	☐	50.000	53.473	957746.79	0.0447	P	0.6
5	☐	125.000	130.095	2368831.74	0.1086	P	0.4
6	☐	250.000	255.087	4615662.30	0.2129	P	0.1
7	☐	500.000	496.258	9037154.54	0.4141	A	0.7
8	☐	1000.000	999.789	18276012.56	0.8342	A	0.7
9	☐			15892.86	0.0008	P	2.6

$$y = 8.3430E-004 * x + 4.9463E-005$$

$$R = 1.0000$$

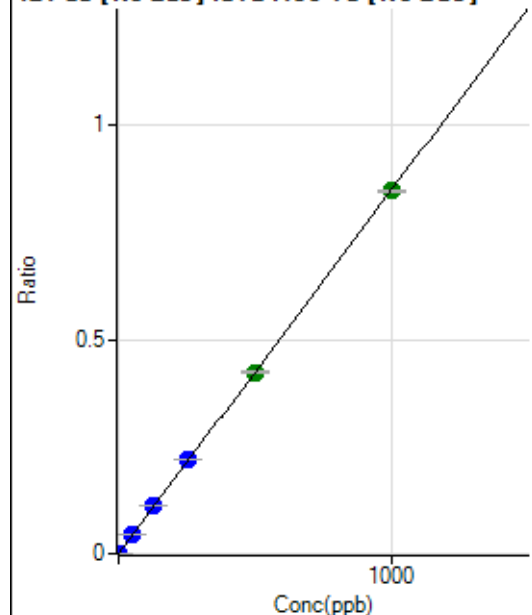
$$DL = 0.008734$$

$$BEC = 0.05929$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	138.90	0.0000	P	17.6
2	☐	0.200					
3	☐	2.000	1.897	34944.55	0.0016	P	1.2
4	☐	50.000	54.536	992801.74	0.0463	P	1.7
5	☐	125.000	131.645	2437950.27	0.1118	P	0.3
6	☐	250.000	257.720	4743663.13	0.2188	P	0.2
7	☐	500.000	498.852	9241525.81	0.4235	A	1.2
8	☐	1000.000	997.587	18553067.95	0.8468	A	0.5
9	☐			19803.54	0.0010	P	1.3

$$y = 8.4887\text{E-}004 * x + 6.3440\text{E-}006$$

$$R = 1.0000$$

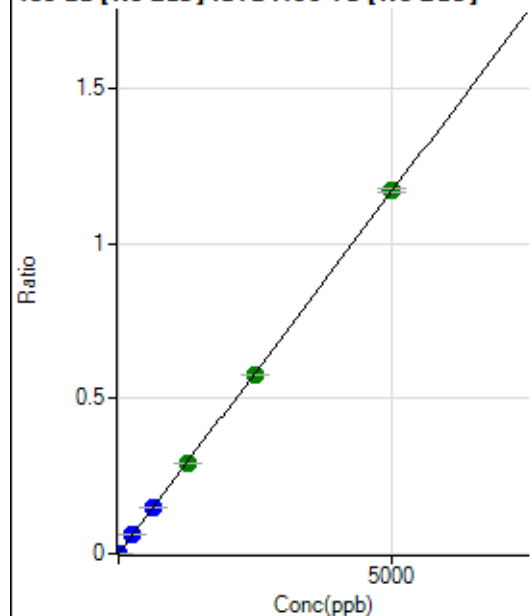
$$DL = 0.003942$$

$$BEC = 0.007474$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	36.11	0.0000	P	73.7
2	☐	1.000					
3	☐	10.000	9.772	49324.54	0.0023	P	1.0
4	☐	250.000	265.231	1326904.84	0.0619	P	1.4
5	☐	625.000	645.582	3285746.30	0.1506	P	0.7
6	☐	1250.000	1250.827	6327422.88	0.2918	A	0.5
7	☐	2500.000	2468.596	12569707.92	0.5759	A	0.5
8	☐	5000.000	5012.162	25619351.96	1.1693	A	0.9
9	☐			3370.00	0.0002	P	5.5

$$y = 2.3330\text{E-}004 * x + 1.6452\text{E-}006$$

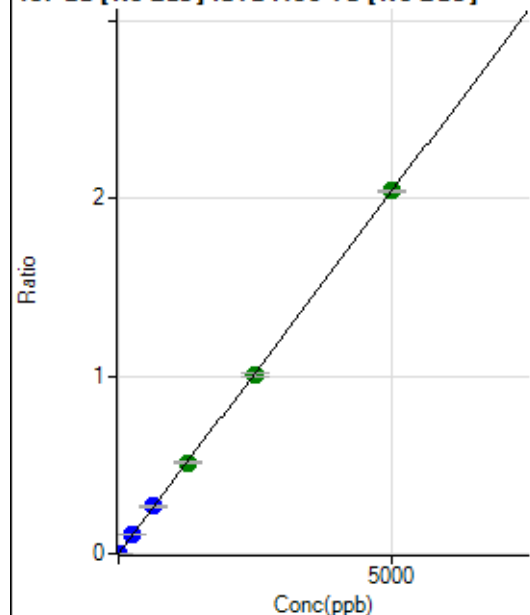
$$R = 1.0000$$

$$DL = 0.01559$$

$$BEC = 0.007052$$

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	61.12	0.0000	P	33.9
2	☐	1.000					
3	☐	10.000	9.828	86696.12	0.0040	P	0.9
4	☐	250.000	266.681	2331743.00	0.1087	P	1.0
5	☐	625.000	653.072	5809078.69	0.2663	P	0.9
6	☐	1250.000	1255.927	11103171.08	0.5121	A	0.9
7	☐	2500.000	2472.346	21999080.18	1.0081	A	1.5
8	☐	5000.000	5008.002	44737180.52	2.0419	A	0.6
9	☐			5754.24	0.0003	P	2.0

$$y = 4.0774\text{E-}004 * x + 2.7880\text{E-}006$$

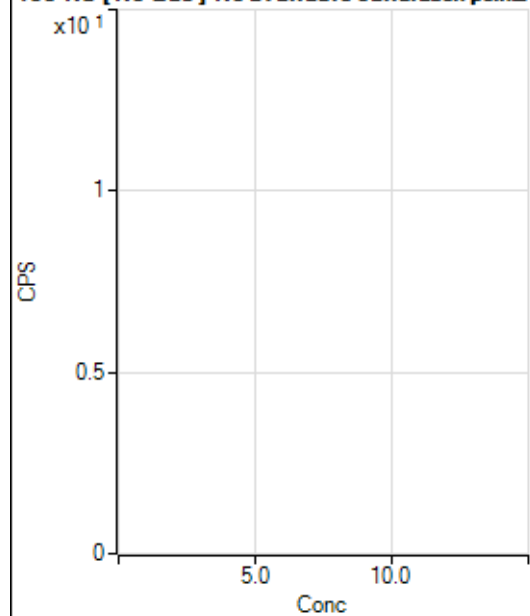
$$R = 1.0000$$

$$DL = 0.006947$$

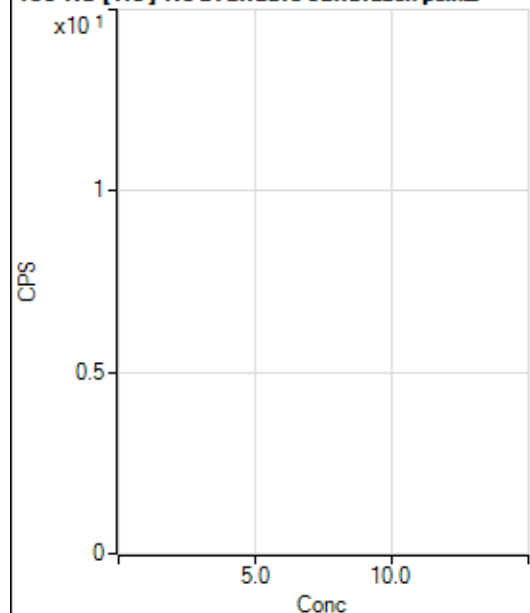
$$BEC = 0.006838$$

Weight: <None>

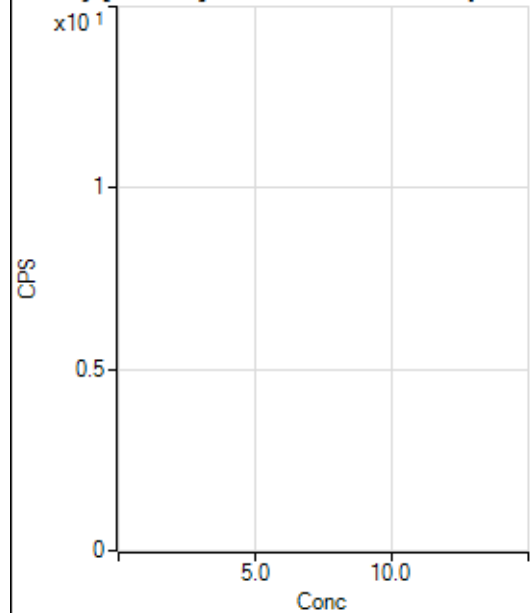
Min Conc: 0

150 Nd [No Gas] No available calibration points

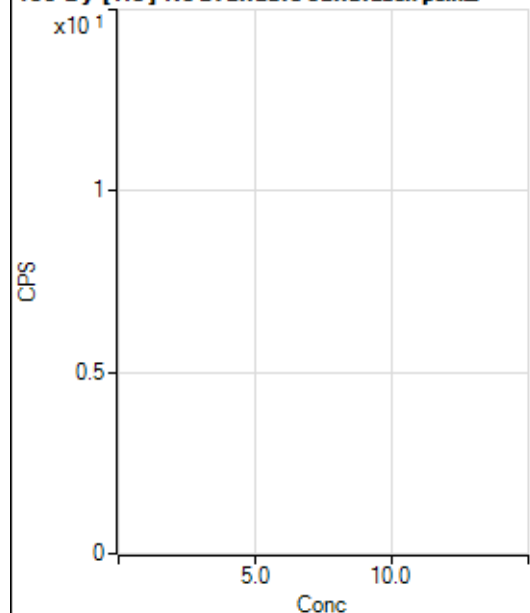
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			2.22		P	173.
2	☐						
3	☐			13.33		P	50.0
4	☐			166.68		P	40.6
5	☐			353.35		P	11.3
6	☐			673.37		P	3.6
7	☐			1409.02		P	3.8
8	☐			2384.72		P	2.8
9	☐			404.47		P	2.5

150 Nd [He] No available calibration points

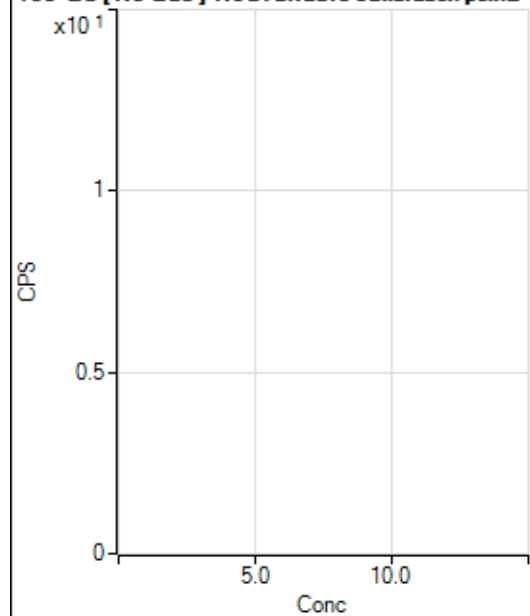
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐						
3	☐			2.22		P	86.6
4	☐			11.11		P	96.4
5	☐			36.67		P	48.1
6	☐			62.22		P	38.0
7	☐			104.45		P	20.5
8	☐			203.34		P	7.5
9	☐			146.67		P	10.4

156 Dy [No Gas] No available calibration points

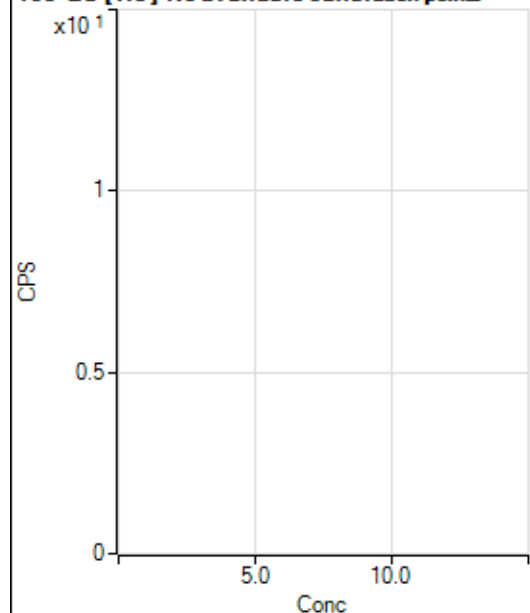
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	86.6
2	☐						
3	☐			19.44		P	49.5
4	☐			36.11		P	48.0
5	☐			88.89		P	32.9
6	☐			130.56		P	46.2
7	☐			225.02		P	17.0
8	☐			547.26		P	18.8
9	☐			255.57		P	30.3

156 Dy [He] No available calibration points

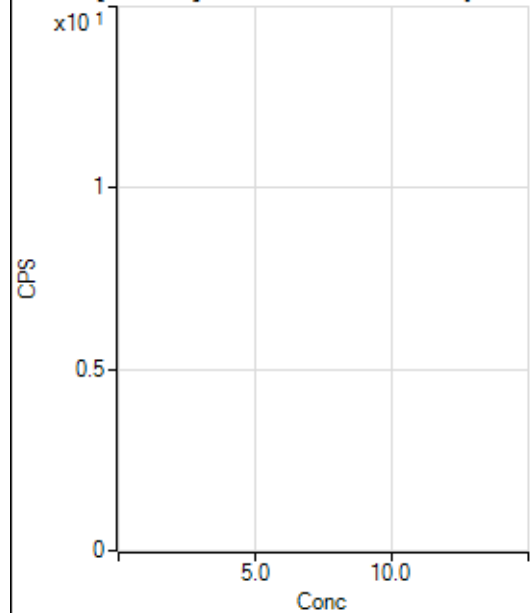
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	43.3
2	☐						
3	☐			8.89		P	21.6
4	☐			24.44		P	20.8
5	☐			65.56		P	33.1
6	☐			85.56		P	16.2
7	☐			174.45		P	12.3
8	☐			387.79		P	4.9
9	☐			90.00		P	7.4

160 Gd [No Gas] Noavailable calibration poin_

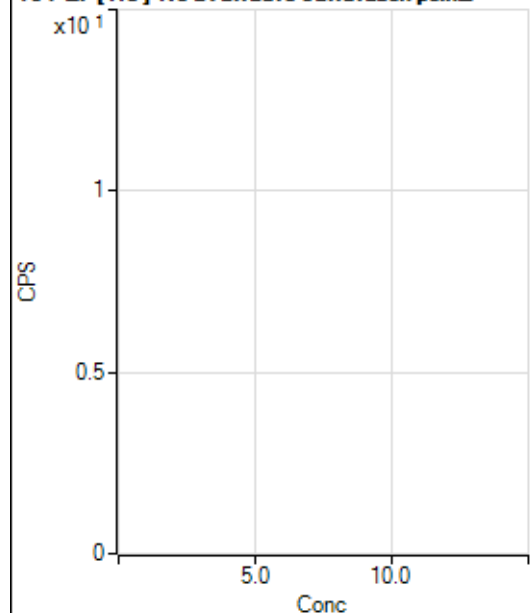
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			116.67		P	21.4
2	☐						
3	☐			166.68		P	5.0
4	☐			136.12		P	17.7
5	☐			158.34		P	10.5
6	☐			211.12		P	6.0
7	☐			211.12		P	16.4
8	☐			272.24		P	19.9
9	☐			333.35		P	24.6

160 Gd [He] No available calibration points

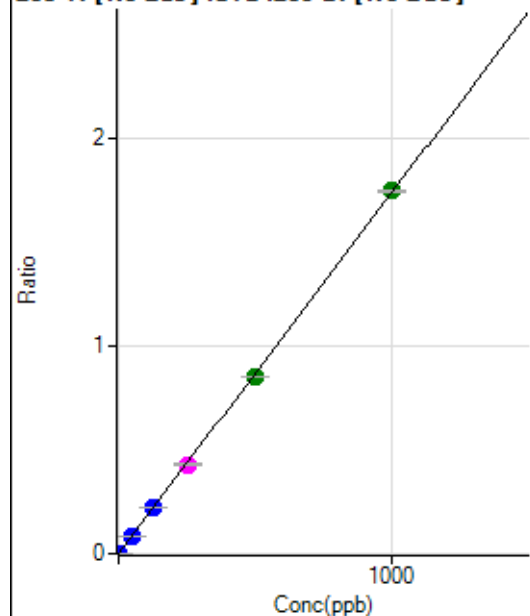
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			260.01		P	6.4
2	☐						
3	☐			301.12		P	16.6
4	☐			258.90		P	9.5
5	☐			284.45		P	2.4
6	☐			247.78		P	7.7
7	☐			298.90		P	2.3
8	☐			290.01		P	9.8
9	☐			342.23		P	4.6

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			72.23		P	48.0
2	☐						
3	☐			41.67		P	52.9
4	☐			86.11		P	20.1
5	☐			80.56		P	29.9
6	☐			52.78		P	65.7
7	☐			108.34		P	38.5
8	☐			125.01		P	50.3
9	☐			108.34		P	7.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			27.78		P	36.7
2	☐						
3	☐			26.67		P	0.0
4	☐			25.56		P	37.7
5	☐			47.78		P	4.0
6	☐			25.56		P	30.1
7	☐			40.00		P	22.0
8	☐			50.00		P	6.7
9	☐			71.11		P	32.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	769.50	0.0001	P	12.2
2	☐	0.100					
3	☐	1.000	0.856	22828.73	0.0015	P	1.7
4	☐	50.000	50.148	1284969.85	0.0872	P	1.2
5	☐	125.000	126.949	3233446.23	0.2207	P	0.8
6	☐	250.000	246.425	6189777.87	0.4284	M	1.6
7	☐	500.000	490.832	12033681.08	0.8532	A	0.4
8	☐	1000.000	1005.227	23889655.40	1.7474	A	0.8
9	☐			5237.37	0.0005	P	3.7

$$y = 0.0017 * x + 5.0077E-005$$

$$R = 0.9999$$

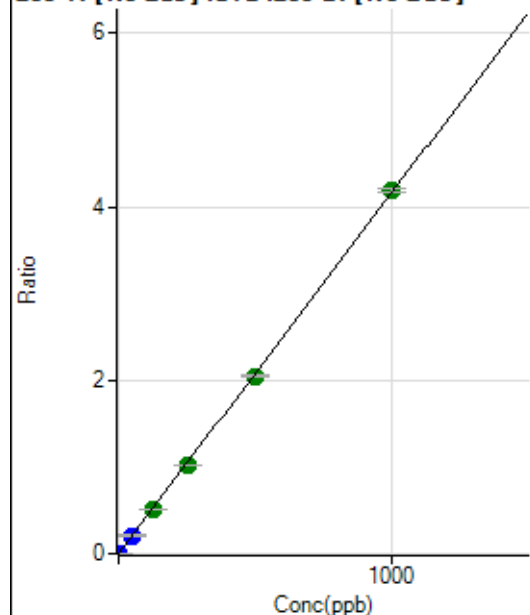
$$DL = 0.01053$$

$$BEC = 0.02881$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1903.00	0.0001	P	2.6
2	☐	0.100					
3	☐	1.000	0.896	57159.86	0.0038	P	1.9
4	☐	50.000	50.533	3098424.72	0.2103	P	1.2
5	☐	125.000	123.411	7521598.43	0.5134	A	0.8
6	☐	250.000	244.108	14672609.88	1.0155	A	0.5
7	☐	500.000	492.029	28865258.98	2.0467	A	0.7
8	☐	1000.000	1005.630	57189230.45	4.1830	A	1.0
9	☐			12909.51	0.0012	P	1.6

$$y = 0.0042 * x + 1.2382E-004$$

$$R = 0.9999$$

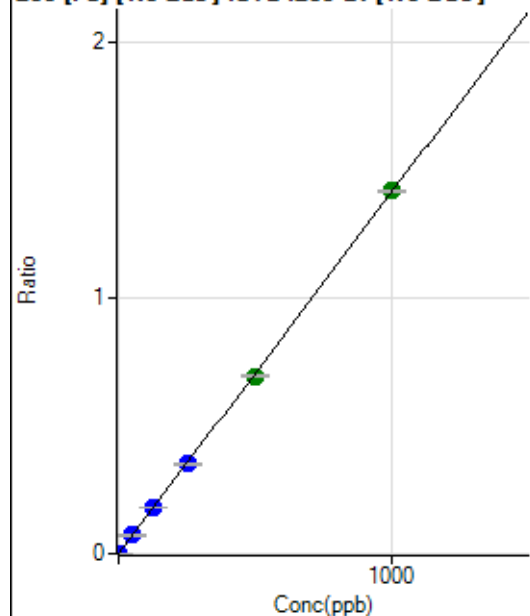
$$DL = 0.002306$$

$$BEC = 0.02977$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1429.75	0.0001	P	10.3
2	☐	0.100					
3	☐	1.000	0.917	20583.11	0.0014	P	1.7
4	☐	50.000	50.828	1057319.75	0.0718	P	1.4
5	☐	125.000	126.546	2615552.58	0.1785	P	0.8
6	☐	250.000	248.434	5063263.02	0.3504	P	0.9
7	☐	500.000	491.277	9771793.97	0.6929	A	0.9
8	☐	1000.000	1004.518	19368249.28	1.4166	A	0.4
9	☐			18784.06	0.0017	P	0.3

$$y = 0.0014 * x + 9.2957E-005$$

$$R = 0.9999$$

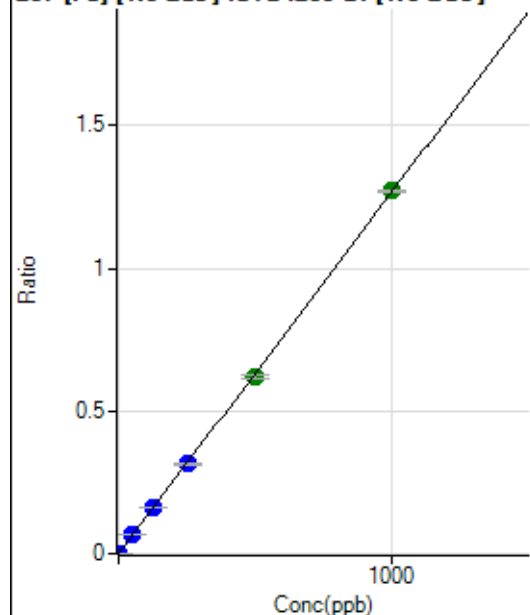
$$DL = 0.02041$$

$$BEC = 0.06592$$

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	1326.03	0.0001	P	4.4
2	☐	0.100					
3	☐	1.000	0.868	17597.24	0.0012	P	1.9
4	☐	50.000	50.928	950429.33	0.0645	P	1.0
5	☐	125.000	126.638	2348181.88	0.1603	P	0.1
6	☐	250.000	248.413	4541976.34	0.3143	P	0.9
7	☐	500.000	490.337	8749502.51	0.6204	A	1.4
8	☐	1000.000	1004.977	17383280.37	1.2715	A	0.3
9	☐			15611.42	0.0014	P	0.7

$$y = 0.0013 * x + 8.6300E-005$$

$$R = 0.9999$$

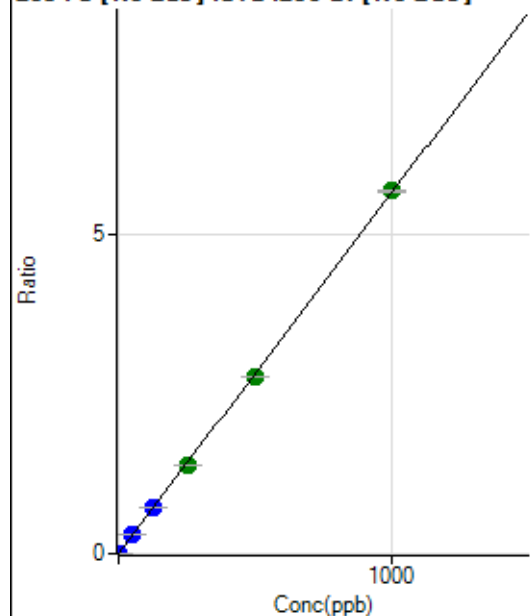
$$DL = 0.008914$$

$$BEC = 0.06822$$

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	5739.55	0.0004	P	2.6
2	☐	0.100					
3	☐	1.000	0.894	80461.53	0.0054	P	1.3
4	☐	50.000	51.087	4254353.70	0.2888	P	0.8
5	☐	125.000	127.267	10530689.85	0.7188	P	0.7
6	☐	250.000	246.683	20127331.61	1.3930	A	0.3
7	☐	500.000	490.343	39045910.13	2.7686	A	0.9
8	☐	1000.000	1005.320	77598612.96	5.6758	A	0.4
9	☐			72088.46	0.0067	P	0.5

$$y = 0.0056 * x + 3.7347E-004$$

$$R = 0.9999$$

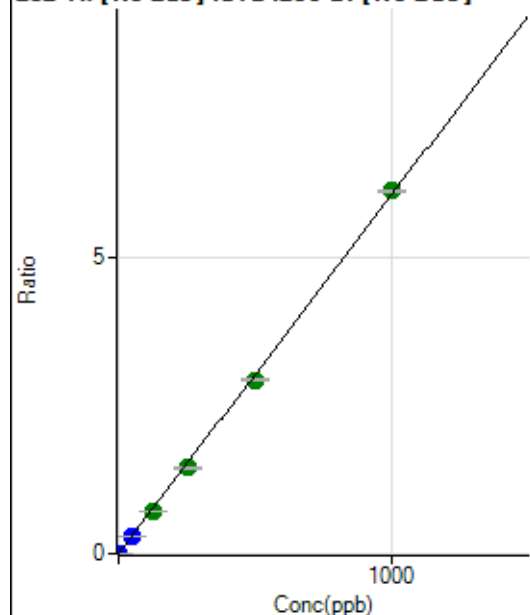
$$DL = 0.005204$$

$$BEC = 0.06615$$

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	170.38	0.0000	P	20.6
2	☐	0.100					
3	☐	1.000	0.826	74346.39	0.0050	P	1.0
4	☐	50.000	48.126	4289427.67	0.2912	P	0.6
5	☐	125.000	119.073	10552596.53	0.7204	A	0.2
6	☐	250.000	238.797	20873224.54	1.4446	A	1.0
7	☐	500.000	484.255	41316593.98	2.9296	A	0.7
8	☐	1000.000	1011.508	83660955.57	6.1193	A	0.4
9	☐			6449.92	0.0006	P	5.9

$$y = 0.0060 * x + 1.1095E-005$$

$$R = 0.9997$$

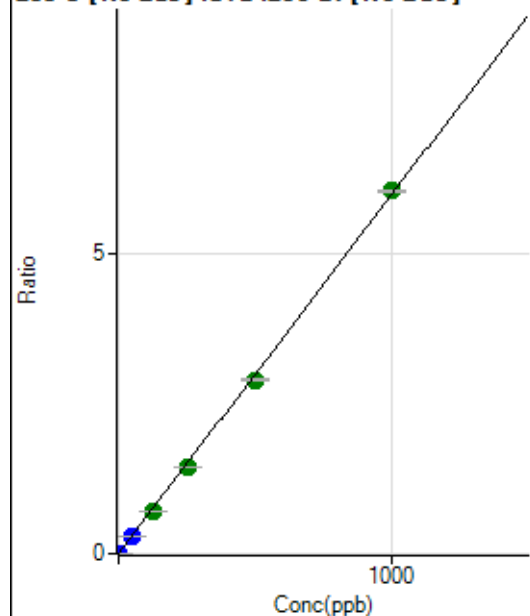
$$DL = 0.001133$$

$$BEC = 0.001834$$

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	86.11	0.0000	P	39.8
2	☐	0.100					
3	☐	1.000	0.838	74321.34	0.0050	P	0.3
4	☐	50.000	48.579	4270551.14	0.2899	P	1.4
5	☐	125.000	119.956	10485931.75	0.7158	A	0.3
6	☐	250.000	240.206	20710098.03	1.4334	A	1.3
7	☐	500.000	484.530	40776021.05	2.8913	A	0.8
8	☐	1000.000	1010.885	82470944.20	6.0322	A	0.2
9	☐			4473.21	0.0004	P	8.0

$$y = 0.0060 * x + 5.6125E-006$$

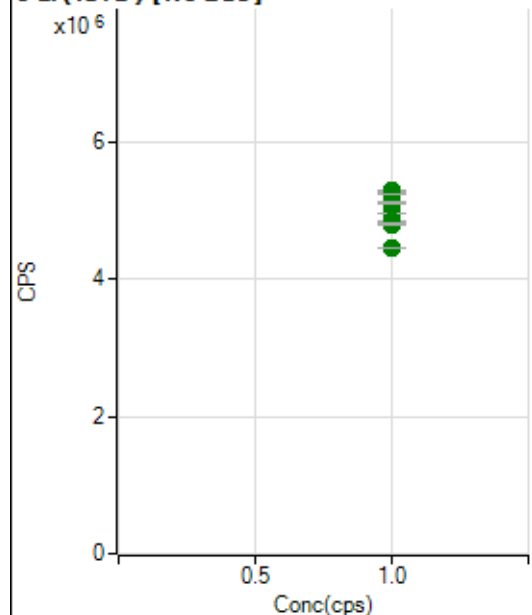
$$R = 0.9998$$

$$DL = 0.001124$$

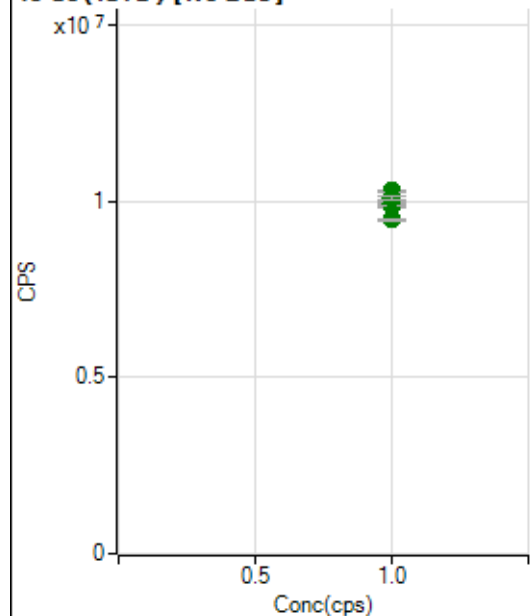
$$BEC = 0.0009406$$

Weight: <None>

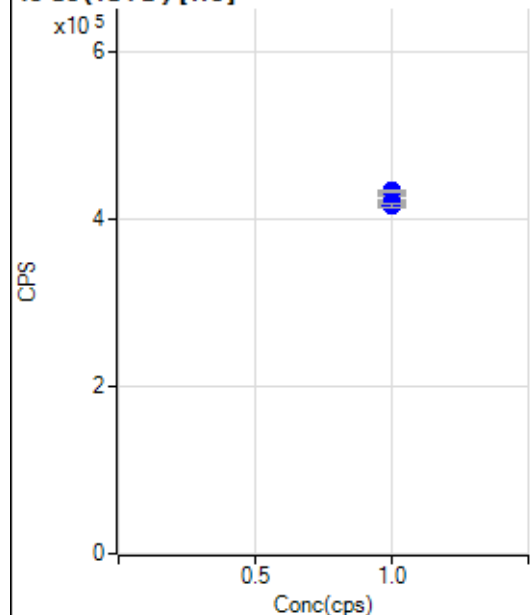
Min Conc: 0

6 Li (ISTD) [No Gas]

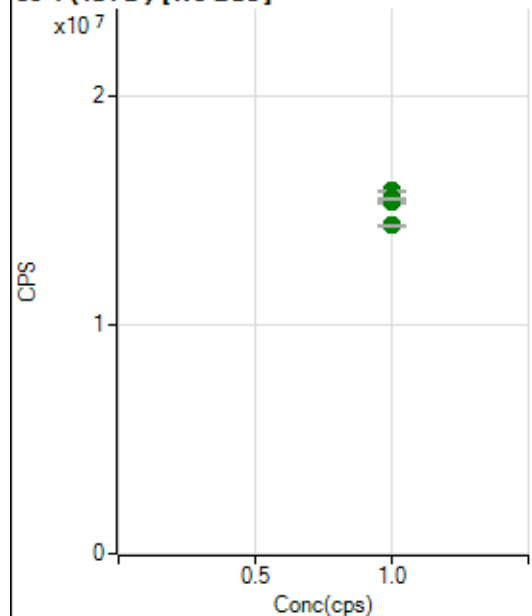
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5295410.02		A	0.6
2	☐	1.000					
3	☐	1.000		5240936.73		A	0.2
4	☐	1.000		5119875.26		A	0.3
5	☐	1.000		4971717.24		A	0.4
6	☐	1.000		4856716.01		A	0.4
7	☐	1.000		4817454.39		A	1.1
8	☐	1.000		4805898.57		A	0.5
9	☐	1.000		4459890.82		A	0.2

45 Sc (ISTD) [No Gas]

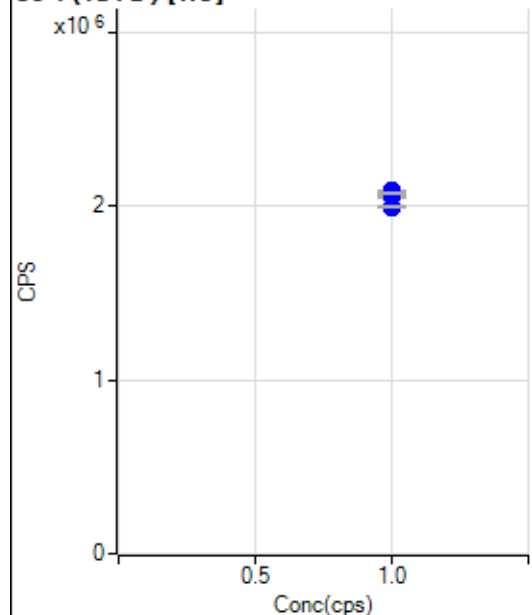
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10296836.60		A	0.5
2	☐	1.000					
3	☐	1.000		10271264.64		A	0.1
4	☐	1.000		10001871.84		A	0.6
5	☐	1.000		9949087.98		A	0.3
6	☐	1.000		9857492.49		A	0.7
7	☐	1.000		9925940.33		A	1.1
8	☐	1.000		10107602.22		A	0.8
9	☐	1.000		9476290.05		A	0.9

45 Sc (ISTD) [He]

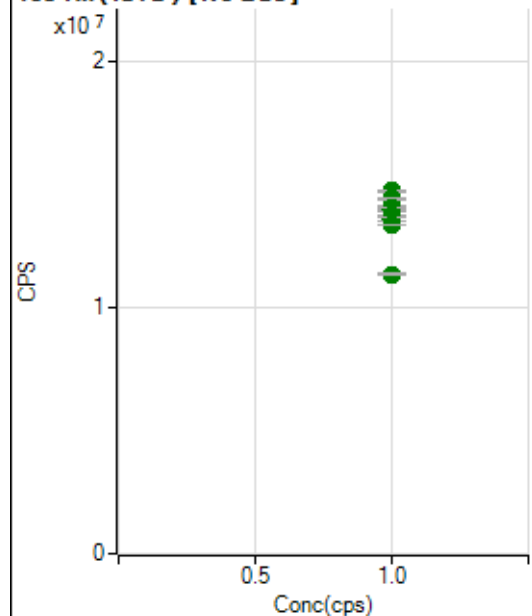
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		430430.60		P	0.5
2	☐	1.000					
3	☐	1.000		428243.44		P	0.8
4	☐	1.000		423056.77		P	0.1
5	☐	1.000		419183.34		P	0.4
6	☐	1.000		419187.36		P	1.1
7	☐	1.000		428163.13		P	0.4
8	☐	1.000		433745.79		P	0.3
9	☐	1.000		415834.26		P	1.2

89 Y (ISTD) [No Gas]

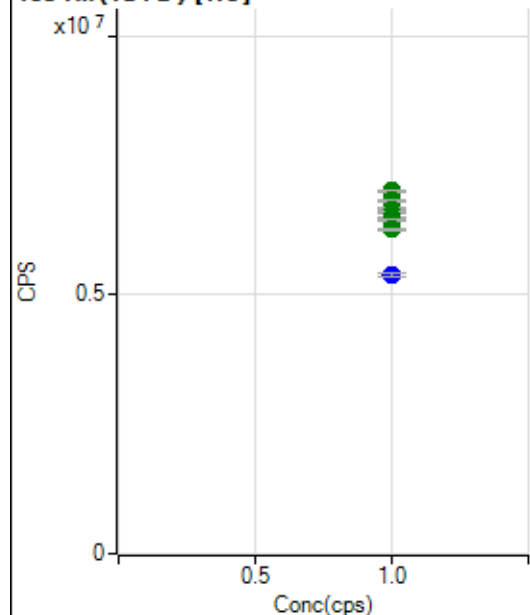
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		15852816.15		A	0.6
2	☐	1.000					
3	☐	1.000		15557056.16		A	0.1
4	☐	1.000		15368527.69		A	0.6
5	☐	1.000		15379477.13		A	0.6
6	☐	1.000		15389179.35		A	0.5
7	☐	1.000		15504487.55		A	0.9
8	☐	1.000		15529892.41		A	0.7
9	☐	1.000		14342835.34		A	0.3

89 Y (ISTD) [He]

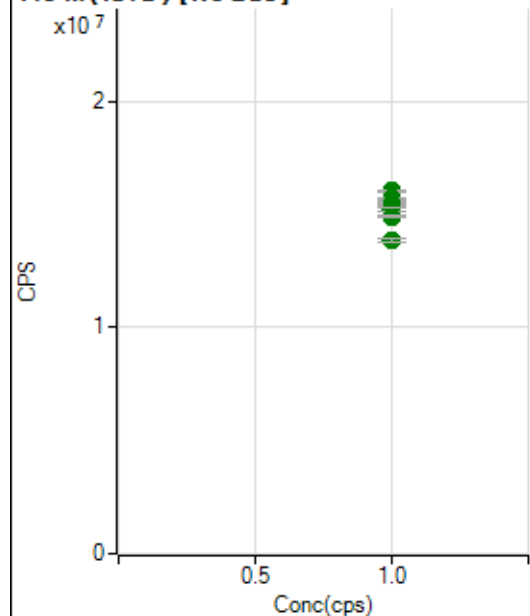
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2084704.97		P	0.4
2	☐	1.000					
3	☐	1.000		2073368.89		P	0.7
4	☐	1.000		2056524.47		P	0.4
5	☐	1.000		2063029.78		P	0.9
6	☐	1.000		2052647.16		P	0.5
7	☐	1.000		2086768.16		P	0.5
8	☐	1.000		2072469.07		P	0.2
9	☐	1.000		1996152.13		P	0.6

103 Rh (ISTD) [No Gas]

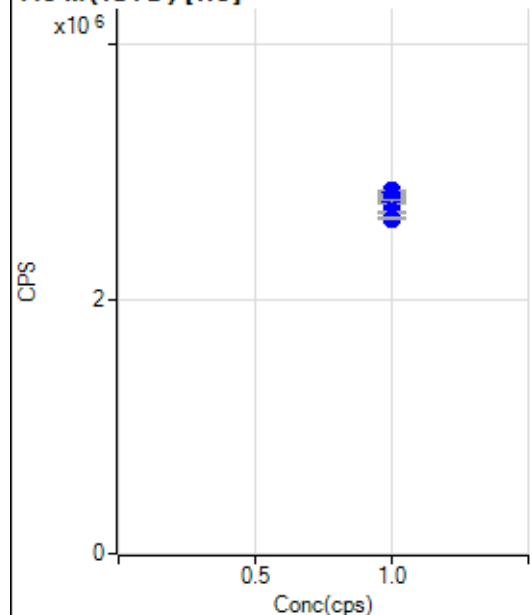
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		14720765.78		A	0.2
2	☐	1.000					
3	☐	1.000		14410712.82		A	0.4
4	☐	1.000		14063810.21		A	0.8
5	☐	1.000		13952526.35		A	0.8
6	☐	1.000		13749728.95		A	0.3
7	☐	1.000		13576111.41		A	1.1
8	☐	1.000		13335266.27		A	0.4
9	☐	1.000		11328505.81		A	0.6

103 Rh (ISTD) [He]

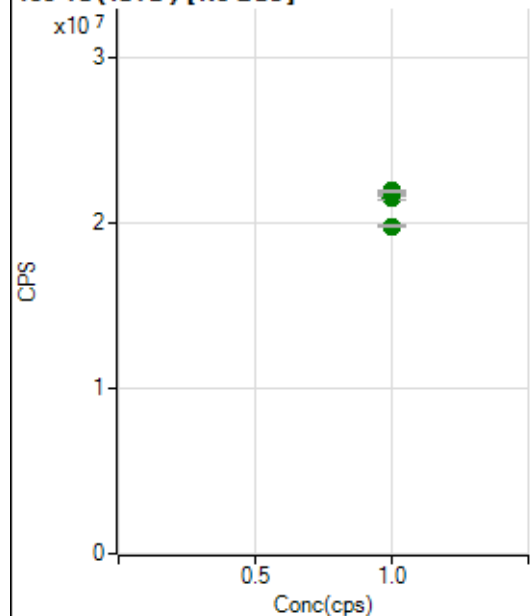
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7009479.90		A	0.5
2	☐	1.000					
3	☐	1.000		6825842.12		A	0.3
4	☐	1.000		6663393.72		A	0.7
5	☐	1.000		6589538.51		A	0.3
6	☐	1.000		6492458.65		A	0.5
7	☐	1.000		6455100.67		A	0.6
8	☐	1.000		6265297.68		A	0.6
9	☐	1.000		5387212.35		P	0.9

115 In (ISTD) [No Gas]

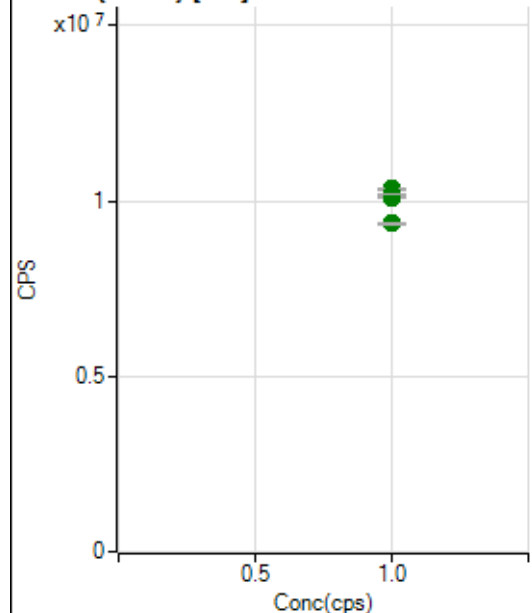
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		16049842.79		A	0.3
2	☐	1.000					
3	☐	1.000		15717834.22		A	0.6
4	☐	1.000		15490142.90		A	0.5
5	☐	1.000		15467614.35		A	0.7
6	☐	1.000		15307121.42		A	0.3
7	☐	1.000		15233896.80		A	1.2
8	☐	1.000		14901880.90		A	0.6
9	☐	1.000		13863123.47		A	0.9

115 In (ISTD) [He]

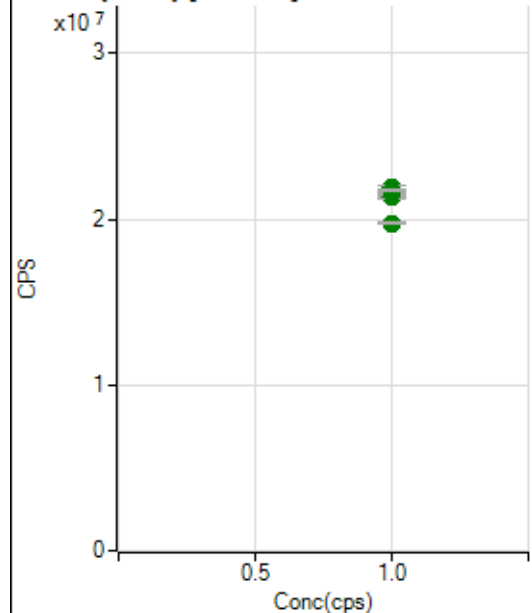
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2837377.37		P	0.9
2	☐	1.000					
3	☐	1.000		2850614.72		P	0.6
4	☐	1.000		2836363.95		P	0.9
5	☐	1.000		2803477.76		P	0.3
6	☐	1.000		2778878.14		P	0.8
7	☐	1.000		2766601.15		P	1.1
8	☐	1.000		2684219.79		P	0.5
9	☐	1.000		2634923.75		P	0.7

159 Tb (ISTD) [No Gas]

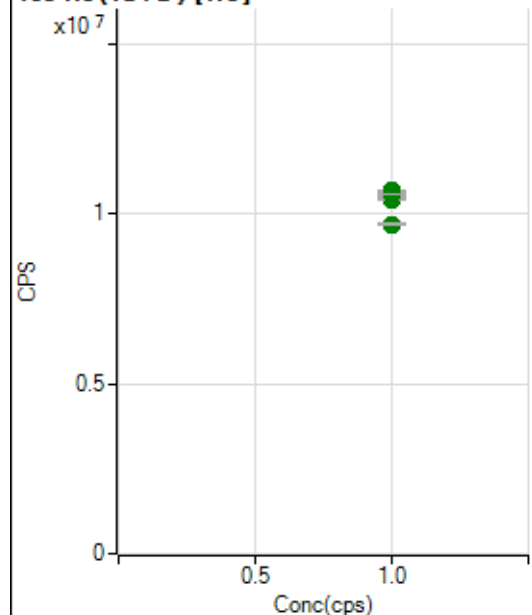
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		21900508.84		A	0.5
2	☐	1.000					
3	☐	1.000		21620198.15		A	0.4
4	☐	1.000		21445070.93		A	1.0
5	☐	1.000		21814993.56		A	0.3
6	☐	1.000		21683011.62		A	0.8
7	☐	1.000		21825654.68		A	1.3
8	☐	1.000		21908816.90		A	0.3
9	☐	1.000		19789639.71		A	0.3

159 Tb (ISTD) [He]

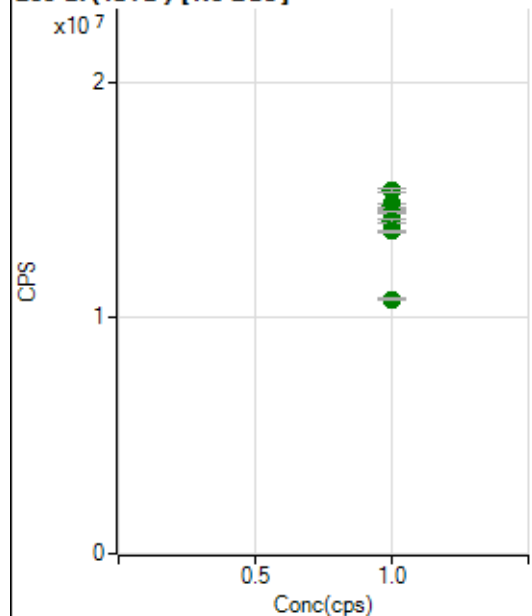
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10344028.04		A	0.5
2	☐	1.000					
3	☐	1.000		10138374.15		A	0.5
4	☐	1.000		10151175.20		A	0.7
5	☐	1.000		10123781.17		A	0.5
6	☐	1.000		10112759.92		A	1.0
7	☐	1.000		10201097.83		A	0.4
8	☐	1.000		10200720.33		A	0.3
9	☐	1.000		9350072.22		A	0.5

165 Ho (ISTD) [No Gas]

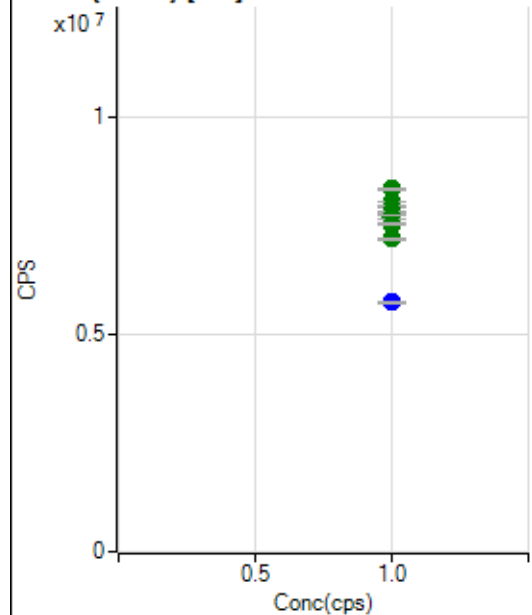
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		21743815.76		A	0.8
2	☐	1.000					
3	☐	1.000		21385419.05		A	0.2
4	☐	1.000		21302808.29		A	0.9
5	☐	1.000		21515237.63		A	1.0
6	☐	1.000		21666584.68		A	0.4
7	☐	1.000		21877471.50		A	0.9
8	☐	1.000		21719340.94		A	0.4
9	☐	1.000		19754311.03		A	0.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10682912.20		A	0.2
2	☐	1.000					
3	☐	1.000		10480817.97		A	0.6
4	☐	1.000		10438797.97		A	0.4
5	☐	1.000		10503806.16		A	0.4
6	☐	1.000		10470251.65		A	0.6
7	☐	1.000		10580497.62		A	0.5
8	☐	1.000		10583950.05		A	0.4
9	☐	1.000		9690756.53		A	0.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		15370406.58		A	1.1
2	☐	1.000					
3	☐	1.000		14849839.78		A	0.1
4	☐	1.000		14732950.89		A	0.9
5	☐	1.000		14649171.87		A	0.4
6	☐	1.000		14449005.06		A	0.3
7	☐	1.000		14103724.93		A	0.9
8	☐	1.000		13671820.91		A	0.5
9	☐	1.000		10784529.35		A	0.3

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8332831.68		A	0.2
2	☐	1.000					
3	☐	1.000		8033469.26		A	0.3
4	☐	1.000		7920004.05		A	0.7
5	☐	1.000		7804631.48		A	0.5
6	☐	1.000		7684453.71		A	1.0
7	☐	1.000		7521665.72		A	0.3
8	☐	1.000		7186737.88		A	0.4
9	☐	1.000		5728314.46		P	0.8

US EPA Tune Check Sample Report

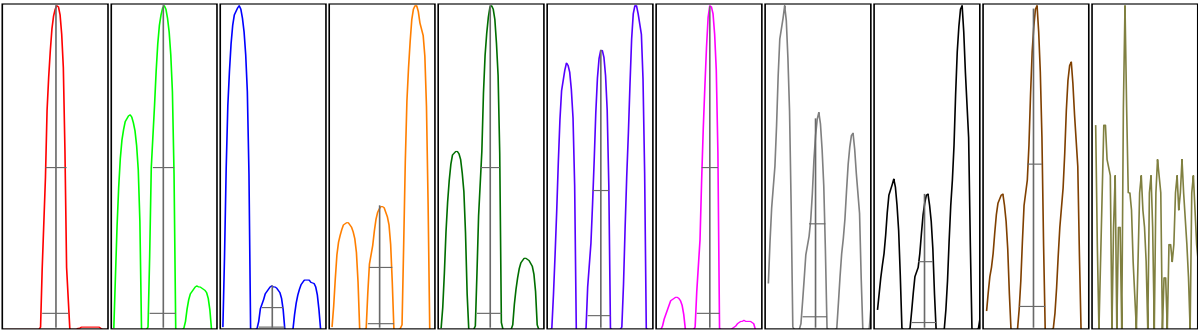
Batch Folder D:\ICP-MS Data\P7011819-MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	25860	1.12	5.00	
24	237784	0.49	5.00	
25	31501	1.10	5.00	
26	36490	1.22	5.00	
59	189692	1.19	5.00	
113	23440	1.31	5.00	
115	276404	1.29	5.00	
206	70725	1.13	5.00	
207	65514	1.01	5.00	
208	155851	1.16	5.00	
220	0	26.50		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	25830	26365	25687	25751	25666
24	237430	239581	238231	236635	237042
25	31448	32101	31375	31209	31372
26	36296	37282	36273	36340	36261
59	189136	193574	189463	188180	188107
113	23320	23986	23300	23324	23270
115	273403	282590	275523	274803	275700
206	69683	71797	70685	70336	71123
207	64932	66609	65304	65114	65613
208	154061	158721	154784	155345	156344
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	45624	9.05	8.9 - 9.1		0.775	0.900	
24	392300	24.00	23.9 - 24.1		0.785	0.900	
25	52063	25.00	24.9 - 25.1		0.785	0.900	
26	60337	25.95	25.9 - 26.1		0.787	0.900	
59	347407	59.00	58.9 - 59.1		0.735	0.900	
113	49043	113.05	112.9 - 113.1		0.680	0.900	
115	579789	115.05	114.9 - 115.1		0.677	0.900	
206	154845	205.95	205.9 - 206.1		0.725	0.900	
207	143502	206.95	206.9 - 207.1		0.722	0.900	
208	342506	207.95	207.9 - 208.1		0.729	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	5.8	V	Deflect	13.0	V
Extract 2	-125.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-70	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination		5.0 V
He Flow	0.0	mL/min	OctP RF	180	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	45227	0.43	
89	52133	0.61	
205	56460	0.89	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	45452	45004	45046	45274	45356
89	52500	52349	51716	51928	52174
205	56923	56921	55765	56144	56547

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	5.7	V	Deflect	1.8	V
Extract 2	-120.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-75	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 14:21:13 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.02	0.16	-0.18	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	0.00	0.00	0.00	N/A	ppb
Barium	135-1	0.00	0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.01	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.00	-0.02	0.02	0.00	N/A	ppb
Boron	11-1	0.03	-0.01	-0.03	0.00	N/A	ppb
Cadmium	111-1	-0.03	0.00	0.03	0.00	N/A	ppb
Cadmium	106-1	-0.38	0.04	0.34	0.00	N/A	ppb
Cadmium	108-1	0.01	0.00	0.00	0.00	N/A	ppb
Calcium	43-1	-0.23	0.33	-0.10	0.00	N/A	ppb
Calcium	44-1	0.29	-0.16	-0.13	0.00	N/A	ppb
Chromium	52-2	0.00	0.01	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.01	-0.01	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.00	0.04	-0.04	0.00	N/A	ppb
Iron	57-2	-0.05	0.12	-0.08	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	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	0.03	-0.03	-0.01	0.00	N/A	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 14:21:13	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	0.00	0.00	N/A	ppb
Phosphorus	31-2	-25.38	-28.44	-27.09	-26.97		ppb
Potassium	39-2	-0.46	-0.62	1.08	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.34	-0.17	-0.17	0.00	N/A	ppb
Selenium	82-1	0.00	-0.08	0.08	0.00	N/A	ppb
Silicon	28-1	0.43	-0.35	-0.08	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.47	0.65	-0.17	0.00	N/A	ppb
Strontium	86-1	0.00	-0.02	0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-3.24	-46.80	-29.62	-26.55		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	0.00	0.00	0.00	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 14:21:13	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.01	0.03	-0.02	0.00	N/A	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 14:29:33	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.00	19.62	18.46	19.36	4.16	ppb
Antimony	121-1	1.88	1.89	1.92	1.90	1.19	ppb
Arsenic	75-2	0.90	0.99	1.01	0.97	6.00	ppb
Barium	135-1	9.88	9.74	9.69	9.77	1.03	ppb
Barium	137-1	9.74	9.91	9.83	9.83	0.90	ppb
Beryllium	9-1	0.91	0.98	0.96	0.95	3.59	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	22.14	23.62	23.10	22.95	3.29	ppb
Boron	11-1	21.83	22.31	22.62	22.25	1.79	ppb
Cadmium	111-1	1.09	1.04	1.04	1.06	2.94	ppb
Cadmium	106-1	1.89	1.39	1.41	1.56	18.25	ppb
Cadmium	108-1	1.08	0.91	0.82	0.94	14.07	ppb
Calcium	43-1	457.61	454.17	464.92	458.90	1.20	ppb
Calcium	44-1	457.76	455.35	459.54	457.55	0.46	ppb
Chromium	52-2	1.97	1.99	1.99	1.98	0.42	ppb
Cobalt	59-2	0.98	1.01	0.94	0.98	3.71	ppb
Copper	63-2	2.11	2.06	1.99	2.06	2.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				100		%
Iron	56-2	53.55	54.22	53.44	53.74	0.78	ppb
Iron	57-2	54.59	55.09	50.57	53.42	4.63	ppb
Krypton	83-1						cps
Lead	206-1	0.94	0.91	0.90	0.92	1.87	ppb
Lead	207-1	0.88	0.85	0.88	0.87	2.04	ppb
Lead	208-1	0.91	0.88	0.89	0.89	1.39	ppb
Lithium	6-1				99		%
Magnesium	24-2	525.58	520.22	522.15	522.65	0.52	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 14:29:33	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.03	1.03	1.05	1.03	1.45	ppb
Molybdenum	94-1	4.76	4.89	4.93	4.86	1.81	ppb
Molybdenum	95-1	4.84	4.85	4.91	4.87	0.80	ppb
Molybdenum	96-1	4.91	4.96	4.86	4.91	1.01	ppb
Molybdenum	97-1	4.98	4.78	5.02	4.93	2.59	ppb
Molybdenum	98-1	4.80	4.91	4.83	4.85	1.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	1.02	1.09	1.05	3.26	ppb
Phosphorus	31-2	16.86	36.86	27.19	26.97	37.09	ppb
Potassium	39-2	473.88	470.47	473.93	472.76	0.42	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	5.70	7.05	6.46	6.41	10.57	ppb
Selenium	78-2	5.69	5.59	5.58	5.62	1.08	ppb
Selenium	82-1	5.10	4.99	5.16	5.08	1.73	ppb
Silicon	28-1	9.85	9.52	9.99	9.79	2.49	ppb
Silver	109-1	1.08	1.08	1.07	1.08	0.60	ppb
Silver	107-1	1.08	1.09	1.07	1.08	0.98	ppb
Sodium	23-2	484.96	474.82	481.64	480.47	1.08	ppb
Strontium	86-1	0.95	0.93	0.90	0.93	2.77	ppb
Strontium	88-1	0.93	0.94	0.95	0.94	0.94	ppb
Sulfur	34-1	-14.25	54.81	39.09	26.55	136.33	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.87	0.86	0.84	0.86	1.71	ppb
Thallium	205-1	0.88	0.91	0.90	0.90	2.00	ppb
Thorium	232-1	0.82	0.82	0.84	0.83	1.03	ppb
Tin	118-1	4.85	4.84	4.93	4.88	0.97	ppb
Titanium	47-1	5.07	4.81	4.82	4.90	2.96	ppb
Uranium	238-1	0.84	0.84	0.84	0.84	0.25	ppb
Vanadium	51-2	5.04	5.04	4.97	5.02	0.82	ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 14:29:33	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.97	1.84	1.91	1.90	3.36	ppb
Zirconium	90-1	0.92	0.96	0.92	0.93	2.85	ppb
Zirconium	91-1	0.91	0.95	0.94	0.93	2.45	ppb

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 14:33:28 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1050.45	1053.45	1042.39	1048.76	0.55	ppb
Antimony	121-1	55.33	54.75	53.53	54.54	1.69	ppb
Arsenic	75-2	52.82	52.03	52.75	52.54	0.83	ppb
Barium	135-1	269.52	264.07	262.10	265.23	1.45	ppb
Barium	137-1	269.61	266.27	264.16	266.68	1.03	ppb
Beryllium	9-1	54.55	53.55	53.41	53.84	1.15	ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Boron	10-1	51.22	51.46	51.63	51.44	0.40	ppb
Boron	11-1	50.30	50.15	50.28	50.24	0.16	ppb
Cadmium	111-1	57.53	56.02	55.91	56.49	1.60	ppb
Cadmium	106-1	54.75	58.08	55.77	56.20	3.04	ppb
Cadmium	108-1	56.42	55.18	54.69	55.43	1.61	ppb
Calcium	43-1	5254.25	5183.03	5250.91	5229.40	0.77	ppb
Calcium	44-1	5233.98	5102.57	5130.10	5155.55	1.34	ppb
Chromium	52-2	53.30	52.84	52.63	52.92	0.65	ppb
Cobalt	59-2	54.05	54.18	54.15	54.13	0.12	ppb
Copper	63-2	112.79	112.44	112.21	112.48	0.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				100		%
Iron	56-2	2793.38	2764.07	2768.76	2775.40	0.57	ppb
Iron	57-2	2775.69	2756.90	2750.61	2761.06	0.47	ppb
Krypton	83-1						cps
Lead	206-1	51.45	50.06	50.98	50.83	1.39	ppb
Lead	207-1	51.50	50.51	50.77	50.93	1.00	ppb
Lead	208-1	51.57	50.75	50.94	51.09	0.84	ppb
Lithium	6-1				97		%
Magnesium	24-2	5804.58	5762.03	5805.74	5790.78	0.43	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 14:33:28	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	107.17	107.50	106.91	107.19	0.28	ppb
Molybdenum	94-1	267.32	260.62	262.10	263.34	1.34	ppb
Molybdenum	95-1	265.97	257.87	261.83	261.89	1.55	ppb
Molybdenum	96-1	265.99	257.44	262.12	261.85	1.64	ppb
Molybdenum	97-1	265.55	258.22	260.20	261.32	1.45	ppb
Molybdenum	98-1	266.24	259.12	261.96	262.44	1.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	56.08	55.52	55.95	55.85	0.53	ppb
Phosphorus	31-2	1045.48	1018.04	1016.93	1026.82	1.58	ppb
Potassium	39-2	2567.32	2560.08	2557.78	2561.73	0.19	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	77-2	58.80	60.20	51.81	56.94	7.89	ppb
Selenium	78-2	52.69	55.24	53.36	53.76	2.46	ppb
Selenium	82-1	56.00	54.87	56.22	55.70	1.31	ppb
Silicon	28-1	61.99	61.62	60.96	61.52	0.84	ppb
Silver	109-1	58.26	57.24	56.97	57.49	1.19	ppb
Silver	107-1	58.15	57.15	57.38	57.56	0.91	ppb
Sodium	23-2	5271.96	5215.11	5183.09	5223.39	0.86	ppb
Strontium	86-1	52.94	52.56	52.84	52.78	0.37	ppb
Strontium	88-1	53.90	52.33	53.07	53.10	1.48	ppb
Sulfur	34-1	1233.58	1153.14	1090.27	1159.00	6.20	ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	50.57	49.47	50.40	50.15	1.18	ppb
Thallium	205-1	51.01	49.83	50.75	50.53	1.23	ppb
Thorium	232-1	48.48	48.00	47.91	48.13	0.64	ppb
Tin	118-1	53.63	53.66	53.13	53.47	0.55	ppb
Titanium	47-1	266.68	259.21	260.36	262.08	1.53	ppb
Uranium	238-1	49.37	48.13	48.24	48.58	1.42	ppb
Vanadium	51-2	52.00	51.60	51.81	51.81	0.38	ppb
Yttrium	89-1				97		%
Yttrium	89-2				99		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 14:33:28	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	114.81	114.86	116.56	115.41	0.87	ppb
Zirconium	90-1	52.90	51.61	52.24	52.25	1.24	ppb
Zirconium	91-1	52.42	51.81	52.14	52.12	0.59	ppb

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 14:37:31 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2583.44	2584.03	2596.19	2587.89	0.28	ppb
Antimony	121-1	131.67	131.20	132.06	131.64	0.33	ppb
Arsenic	75-2	131.02	129.05	129.23	129.77	0.84	ppb
Barium	135-1	642.91	643.05	650.78	645.58	0.70	ppb
Barium	137-1	650.51	649.14	659.56	653.07	0.87	ppb
Beryllium	9-1	132.07	132.73	132.59	132.46	0.26	ppb
Bismuth	209-1				95		%
Bismuth	209-2				94		%
Boron	10-1	126.91	129.78	127.82	128.17	1.14	ppb
Boron	11-1	123.46	126.47	126.96	125.63	1.51	ppb
Cadmium	111-1	135.34	135.17	135.35	135.29	0.07	ppb
Cadmium	106-1	132.12	131.04	135.36	132.84	1.69	ppb
Cadmium	108-1	135.31	136.01	136.57	135.96	0.47	ppb
Calcium	43-1	12702.68	12710.27	12665.68	12692.88	0.19	ppb
Calcium	44-1	12494.49	12595.69	12464.68	12518.29	0.55	ppb
Chromium	52-2	131.62	131.58	130.76	131.32	0.37	ppb
Cobalt	59-2	134.84	134.19	135.06	134.70	0.34	ppb
Copper	63-2	278.98	276.20	277.62	277.60	0.50	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				99		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				99		%
Iron	56-2	6924.57	6885.68	6933.52	6914.59	0.37	ppb
Iron	57-2	6857.21	6837.60	6831.42	6842.07	0.20	ppb
Krypton	83-1						cps
Lead	206-1	125.91	127.67	126.05	126.55	0.77	ppb
Lead	207-1	126.44	126.77	126.71	126.64	0.14	ppb
Lead	208-1	126.26	127.83	127.71	127.27	0.69	ppb
Lithium	6-1				94		%
Magnesium	24-2	14427.95	14203.00	14207.93	14279.63	0.90	ppb

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 14:37:31 DataFile Name : 007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	266.06	264.27	266.10	265.48	0.39	ppb
Molybdenum	94-1	644.04	650.38	646.81	647.08	0.49	ppb
Molybdenum	95-1	632.00	636.00	633.75	633.92	0.32	ppb
Molybdenum	96-1	628.73	630.38	634.59	631.23	0.48	ppb
Molybdenum	97-1	636.98	644.21	643.69	641.63	0.63	ppb
Molybdenum	98-1	633.14	632.92	626.21	630.76	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	138.52	138.46	138.59	138.52	0.05	ppb
Phosphorus	31-2	2621.97	2686.55	2630.02	2646.18	1.33	ppb
Potassium	39-2	6361.49	6382.65	6361.09	6368.41	0.19	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	77-2	140.91	129.99	132.94	134.61	4.20	ppb
Selenium	78-2	132.82	130.80	133.66	132.43	1.11	ppb
Selenium	82-1	133.22	136.13	134.33	134.56	1.09	ppb
Silicon	28-1	145.34	147.70	146.65	146.57	0.81	ppb
Silver	109-1	136.77	138.86	137.83	137.82	0.76	ppb
Silver	107-1	135.81	136.38	137.95	136.71	0.81	ppb
Sodium	23-2	13036.14	12926.23	12910.42	12957.60	0.53	ppb
Strontium	86-1	128.87	130.35	128.82	129.35	0.67	ppb
Strontium	88-1	127.85	128.39	128.22	128.15	0.22	ppb
Sulfur	34-1	2509.75	2384.14	2309.52	2401.14	4.21	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	125.86	127.23	127.76	126.95	0.77	ppb
Thallium	205-1	122.87	124.56	122.80	123.41	0.81	ppb
Thorium	232-1	119.37	118.91	118.94	119.07	0.22	ppb
Tin	118-1	130.04	130.61	129.64	130.10	0.38	ppb
Titanium	47-1	638.73	641.16	644.47	641.45	0.45	ppb
Uranium	238-1	120.22	120.06	119.59	119.96	0.27	ppb
Vanadium	51-2	129.52	129.17	130.15	129.61	0.38	ppb
Yttrium	89-1				97		%
Yttrium	89-2				99		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 14:37:31	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	285.57	284.93	283.59	284.70	0.36	ppb
Zirconium	90-1	127.85	129.68	128.82	128.79	0.71	ppb
Zirconium	91-1	127.32	127.80	128.59	127.90	0.50	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 14:41:20	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4953.32	5026.00	5082.71	5020.68	1.29	ppb
Antimony	121-1	258.11	257.99	257.06	257.72	0.22	ppb
Arsenic	75-2	254.86	253.60	253.97	254.14	0.26	ppb
Barium	135-1	1258.05	1246.19	1248.25	1250.83	0.51	ppb
Barium	137-1	1269.06	1248.43	1250.29	1255.93	0.91	ppb
Beryllium	9-1	255.61	257.87	256.69	256.72	0.44	ppb
Bismuth	209-1				94		%
Bismuth	209-2				92		%
Boron	10-1	247.79	252.79	256.77	252.45	1.78	ppb
Boron	11-1	245.34	251.46	253.99	250.26	1.78	ppb
Cadmium	111-1	263.14	261.70	263.30	262.71	0.33	ppb
Cadmium	106-1	258.03	261.91	259.19	259.71	0.77	ppb
Cadmium	108-1	264.17	263.19	257.09	261.48	1.47	ppb
Calcium	43-1	24775.93	25408.44	25168.71	25117.69	1.27	ppb
Calcium	44-1	24735.38	24881.63	24792.65	24803.22	0.30	ppb
Chromium	52-2	252.94	255.14	260.21	256.10	1.46	ppb
Cobalt	59-2	257.86	261.91	263.27	261.02	1.08	ppb
Copper	63-2	524.95	537.48	543.20	535.21	1.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				95		%
Indium	115-2				98		%
Iron	56-2	13147.57	13404.13	13529.32	13360.34	1.46	ppb
Iron	57-2	13105.56	13346.95	13475.14	13309.22	1.41	ppb
Krypton	83-1						cps
Lead	206-1	245.80	249.28	250.22	248.43	0.94	ppb
Lead	207-1	246.20	248.47	250.57	248.41	0.88	ppb
Lead	208-1	245.90	246.88	247.26	246.68	0.28	ppb
Lithium	6-1				92		%
Magnesium	24-2	27323.29	27726.85	27958.91	27669.68	1.16	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 14:41:20	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	508.03	514.67	523.10	515.27	1.47	ppb
Molybdenum	94-1	1220.04	1245.79	1243.95	1236.59	1.16	ppb
Molybdenum	95-1	1235.82	1238.80	1237.53	1237.38	0.12	ppb
Molybdenum	96-1	1225.90	1240.56	1242.54	1236.33	0.74	ppb
Molybdenum	97-1	1225.95	1247.24	1236.82	1236.67	0.86	ppb
Molybdenum	98-1	1238.60	1239.49	1243.68	1240.59	0.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	261.85	265.00	268.84	265.23	1.32	ppb
Phosphorus	31-2	5042.26	5078.53	5249.91	5123.57	2.16	ppb
Potassium	39-2	12061.19	12218.54	12351.39	12210.37	1.19	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	77-2	263.65	257.74	266.31	262.57	1.67	ppb
Selenium	78-2	258.76	259.75	256.90	258.47	0.56	ppb
Selenium	82-1	258.26	261.89	263.69	261.28	1.06	ppb
Silicon	28-1	297.60	266.15	263.94	275.89	6.82	ppb
Silver	109-1	261.55	261.81	258.69	260.68	0.66	ppb
Silver	107-1	264.48	262.00	259.97	262.15	0.86	ppb
Sodium	23-2	24935.16	25263.79	25233.36	25144.10	0.72	ppb
Strontium	86-1	247.27	253.28	253.11	251.22	1.36	ppb
Strontium	88-1	250.12	251.01	249.36	250.16	0.33	ppb
Sulfur	34-1	4669.60	4816.06	4743.54	4743.07	1.54	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	243.65	251.03	244.59	246.42	1.63	ppb
Thallium	205-1	242.87	245.40	244.05	244.11	0.52	ppb
Thorium	232-1	236.49	241.06	238.84	238.80	0.96	ppb
Tin	118-1	254.74	255.29	255.23	255.09	0.12	ppb
Titanium	47-1	1253.23	1272.67	1263.72	1263.21	0.77	ppb
Uranium	238-1	236.73	241.79	242.10	240.21	1.26	ppb
Vanadium	51-2	252.66	253.51	256.84	254.34	0.87	ppb
Yttrium	89-1				97		%
Yttrium	89-2				98		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 14:41:20	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	537.72	547.03	552.72	545.82	1.39	ppb
Zirconium	90-1	247.41	249.53	249.41	248.78	0.48	ppb
Zirconium	91-1	245.53	249.51	249.26	248.10	0.90	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 14:45:05	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9720.25	9868.75	9735.92	9774.98	0.83	ppb
Antimony	121-1	496.41	494.73	505.42	498.85	1.15	ppb
Arsenic	75-2	499.77	501.40	498.57	499.91	0.28	ppb
Barium	135-1	2472.29	2453.61	2479.89	2468.60	0.55	ppb
Barium	137-1	2456.71	2445.85	2514.48	2472.35	1.49	ppb
Beryllium	9-1	501.01	496.34	508.31	501.89	1.20	ppb
Bismuth	209-1				92		%
Bismuth	209-2				90		%
Boron	10-1	487.11	494.26	505.45	495.61	1.87	ppb
Boron	11-1	482.91	491.95	497.37	490.74	1.49	ppb
Cadmium	111-1	501.07	503.71	512.75	505.84	1.21	ppb
Cadmium	106-1	496.24	498.91	501.76	498.97	0.55	ppb
Cadmium	108-1	501.52	499.94	512.20	504.55	1.32	ppb
Calcium	43-1	49288.56	48690.49	49910.08	49296.38	1.24	ppb
Calcium	44-1	48374.63	48647.40	49129.94	48717.33	0.79	ppb
Chromium	52-2	498.81	502.29	497.32	499.48	0.51	ppb
Cobalt	59-2	507.54	508.09	506.70	507.44	0.14	ppb
Copper	63-2	1012.74	1024.19	1001.97	1012.97	1.10	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				101		%
Holmium	165-2				99		%
Indium	115-1				95		%
Indium	115-2				98		%
Iron	56-2	25992.61	26175.89	25735.74	25968.08	0.85	ppb
Iron	57-2	25973.29	26122.21	25949.07	26014.86	0.36	ppb
Krypton	83-1						cps
Lead	206-1	490.05	487.70	496.08	491.28	0.88	ppb
Lead	207-1	489.24	484.22	497.55	490.34	1.37	ppb
Lead	208-1	490.94	485.61	494.48	490.34	0.91	ppb
Lithium	6-1				91		%
Magnesium	24-2	53327.32	54062.65	52917.06	53435.68	1.09	ppb

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 14:45:05 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1000.03	1020.32	1002.43	1007.59	1.10	ppb
Molybdenum	94-1	2467.30	2436.31	2476.97	2460.19	0.86	ppb
Molybdenum	95-1	2449.43	2460.38	2480.64	2463.49	0.64	ppb
Molybdenum	96-1	2450.23	2450.45	2466.30	2455.66	0.38	ppb
Molybdenum	97-1	2472.41	2434.28	2461.51	2456.07	0.80	ppb
Molybdenum	98-1	2455.59	2432.01	2471.39	2453.00	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.15	514.86	511.42	512.15	0.48	ppb
Phosphorus	31-2	10079.95	10204.75	9998.25	10094.32	1.03	ppb
Potassium	39-2	24005.37	23998.55	23616.83	23873.58	0.93	ppb
Rhodium	103-1				92		%
Rhodium	103-2				92		%
Scandium	45-1				96		%
Scandium	45-2				99		%
Selenium	77-2	511.13	495.01	503.89	503.34	1.60	ppb
Selenium	78-2	508.10	503.23	503.92	505.08	0.52	ppb
Selenium	82-1	503.69	500.16	512.01	505.29	1.20	ppb
Silicon	28-1	498.04	495.90	506.56	500.17	1.13	ppb
Silver	109-1	504.03	505.92	517.31	509.09	1.41	ppb
Silver	107-1	505.10	503.49	510.23	506.27	0.70	ppb
Sodium	23-2	49092.74	49698.31	48872.02	49221.02	0.87	ppb
Strontium	86-1	494.87	494.12	502.36	497.11	0.92	ppb
Strontium	88-1	494.76	493.62	496.79	495.06	0.32	ppb
Sulfur	34-1	9741.36	9664.98	9791.90	9732.75	0.66	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	490.20	489.06	493.24	490.83	0.44	ppb
Thallium	205-1	491.03	489.04	496.02	492.03	0.73	ppb
Thorium	232-1	480.40	486.42	485.94	484.26	0.69	ppb
Tin	118-1	496.35	492.92	499.50	496.26	0.66	ppb
Titanium	47-1	2472.62	2449.97	2466.05	2462.88	0.47	ppb
Uranium	238-1	480.10	485.85	487.64	484.53	0.81	ppb
Vanadium	51-2	499.21	501.21	501.53	500.65	0.25	ppb
Yttrium	89-1				98		%
Yttrium	89-2				100		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 14:45:05	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1027.02	1041.76	1031.21	1033.33	0.73	ppb
Zirconium	90-1	492.44	487.42	498.21	492.69	1.10	ppb
Zirconium	91-1	494.29	492.29	501.71	496.10	1.00	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 14:48:52	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19529.87	19643.54	19696.41	19623.27	0.43	ppb
Antimony	121-1	992.74	997.28	1002.73	997.59	0.50	ppb
Arsenic	75-2	995.89	1003.41	995.56	998.29	0.44	ppb
Barium	135-1	4957.28	5037.33	5041.87	5012.16	0.95	ppb
Barium	137-1	4973.90	5013.04	5037.07	5008.00	0.64	ppb
Beryllium	9-1	999.63	997.55	991.57	996.25	0.42	ppb
Bismuth	209-1				89		%
Bismuth	209-2				86		%
Boron	10-1	990.78	1016.79	995.93	1001.17	1.38	ppb
Boron	11-1	988.55	1019.26	1005.81	1004.54	1.53	ppb
Cadmium	111-1	984.08	992.53	1000.26	992.29	0.82	ppb
Cadmium	106-1	994.48	993.81	1002.10	996.80	0.46	ppb
Cadmium	108-1	982.13	995.53	1001.98	993.21	1.02	ppb
Calcium	43-1	98277.60	98722.51	98028.59	98342.90	0.36	ppb
Calcium	44-1	97601.77	98380.21	98103.02	98028.33	0.40	ppb
Chromium	52-2	999.71	997.72	995.97	997.80	0.19	ppb
Cobalt	59-2	997.10	987.65	991.57	992.11	0.48	ppb
Copper	63-2	1981.96	1980.77	1979.19	1980.64	0.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				93		%
Indium	115-2				95		%
Iron	56-2	52075.33	52011.12	51815.21	51967.22	0.26	ppb
Iron	57-2	51840.90	51638.41	52003.23	51827.52	0.35	ppb
Krypton	83-1						cps
Lead	206-1	1003.88	1001.06	1008.61	1004.52	0.38	ppb
Lead	207-1	1002.47	1008.05	1004.41	1004.98	0.28	ppb
Lead	208-1	1001.87	1009.28	1004.81	1005.32	0.37	ppb
Lithium	6-1				91		%
Magnesium	24-2	107149.19	107034.53	108253.48	107479.07	0.63	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 14:48:52	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1988.34	1992.78	1989.16	1990.09	0.12	ppb
Molybdenum	94-1	5062.45	4976.15	5020.88	5019.83	0.86	ppb
Molybdenum	95-1	5068.76	4955.92	5034.43	5019.70	1.15	ppb
Molybdenum	96-1	5042.35	4976.44	5053.85	5024.21	0.83	ppb
Molybdenum	97-1	5062.24	5008.88	4996.84	5022.65	0.69	ppb
Molybdenum	98-1	5036.38	5017.41	5019.75	5024.51	0.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	990.97	986.79	986.66	988.14	0.25	ppb
Phosphorus	31-2	19784.19	20074.83	19847.99	19902.33	0.77	ppb
Potassium	39-2	48612.86	48183.62	48304.98	48367.15	0.46	ppb
Rhodium	103-1				91		%
Rhodium	103-2				89		%
Scandium	45-1				98		%
Scandium	45-2				101		%
Selenium	77-2	995.71	996.67	988.52	993.63	0.45	ppb
Selenium	78-2	985.60	996.48	1000.58	994.22	0.78	ppb
Selenium	82-1	996.94	987.12	995.11	993.06	0.53	ppb
Silicon	28-1	989.78	994.21	986.53	990.17	0.39	ppb
Silver	109-1	983.96	988.02	1000.44	990.81	0.87	ppb
Silver	107-1	993.54	989.48	992.93	991.98	0.22	ppb
Sodium	23-2	98928.32	98543.59	99216.30	98896.07	0.34	ppb
Strontium	86-1	1002.15	999.35	999.86	1000.46	0.15	ppb
Strontium	88-1	1000.00	1006.10	999.54	1001.88	0.37	ppb
Sulfur	34-1	20219.75	20304.74	20082.32	20202.27	0.56	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	1014.78	1000.93	999.98	1005.23	0.82	ppb
Thallium	205-1	1014.84	995.68	1006.37	1005.63	0.96	ppb
Thorium	232-1	1010.80	1015.53	1008.19	1011.51	0.37	ppb
Tin	118-1	993.13	999.84	1006.40	999.79	0.66	ppb
Titanium	47-1	4986.03	5032.72	5019.04	5012.60	0.48	ppb
Uranium	238-1	1007.98	1012.46	1012.22	1010.89	0.25	ppb
Vanadium	51-2	1005.46	994.50	993.81	997.92	0.66	ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 14:48:52	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1956.08	1977.93	1966.30	1966.77	0.56	ppb
Zirconium	90-1	1006.48	999.83	1003.80	1003.37	0.33	ppb
Zirconium	91-1	1009.54	1001.46	994.87	1001.96	0.73	ppb

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 14:52:41 DataFile Name : 011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100158.74	100566.86	99556.78	100094.13	0.51	ppb
Antimony	121-1	1.18	1.18	1.15	1.17	1.28	ppb
Arsenic	75-2	1.29	1.35	1.32	1.32	2.25	ppb
Barium	135-1	0.73	0.76	0.68	0.72	5.51	ppb
Barium	137-1	0.72	0.69	0.70	0.71	2.05	ppb
Beryllium	9-1	0.11	0.11	0.10	0.11	7.35	ppb
Bismuth	209-1				70		%
Bismuth	209-2				69		%
Boron	10-1	26.13	23.37	21.07	23.53	10.76	ppb
Boron	11-1	25.14	23.32	21.36	23.28	8.13	ppb
Cadmium	111-1	0.25	0.22	0.20	0.22	10.37	ppb
Cadmium	106-1	1.22	1.13	0.87	1.08	16.62	ppb
Cadmium	108-1	0.15	0.25	0.21	0.20	24.48	ppb
Calcium	43-1	503118.45	497683.03	500364.99	500388.82	0.54	ppb
Calcium	44-1	507087.00	496587.60	497916.81	500530.47	1.14	ppb
Chromium	52-2	8.31	8.36	8.38	8.35	0.41	ppb
Cobalt	59-2	11.36	11.44	11.45	11.42	0.46	ppb
Copper	63-2	2.37	2.40	2.46	2.41	1.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				91		%
Indium	115-1				86		%
Indium	115-2				93		%
Iron	56-2	249273.24	250786.76	248282.08	249447.36	0.51	ppb
Iron	57-2	249072.13	251309.59	248043.69	249475.14	0.67	ppb
Krypton	83-1						cps
Lead	206-1	1.17	1.17	1.17	1.17	0.35	ppb
Lead	207-1	1.07	1.09	1.07	1.08	0.79	ppb
Lead	208-1	1.12	1.12	1.11	1.12	0.53	ppb
Lithium	6-1				84		%
Magnesium	24-2	498815.60	500407.77	494700.77	497974.71	0.59	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 14:52:41	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	9.98	10.05	10.21	10.08	1.16	ppb
Molybdenum	94-1	2.74	2.66	2.56	2.66	3.53	ppb
Molybdenum	95-1	3.46	3.46	3.32	3.41	2.45	ppb
Molybdenum	96-1	4.63	4.46	4.30	4.46	3.71	ppb
Molybdenum	97-1	3.02	3.03	2.89	2.98	2.67	ppb
Molybdenum	98-1	3.07	2.86	2.90	2.94	3.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.60	12.32	12.92	12.61	2.38	ppb
Phosphorus	31-2	-21.37	-16.20	-20.52	-19.36		ppb
Potassium	39-2	252841.61	249661.41	248847.49	250450.17	0.84	ppb
Rhodium	103-1				77		%
Rhodium	103-2				77		%
Scandium	45-1				92		%
Scandium	45-2				97		%
Selenium	77-2	0.17	0.70	0.52	0.46	57.42	ppb
Selenium	78-2	0.10	-0.02	0.54	0.20	144.04	ppb
Selenium	82-1	0.50	0.28	0.60	0.46	34.92	ppb
Silicon	28-1	62.24	61.78	62.43	62.15	0.54	ppb
Silver	109-1	0.08	0.07	0.07	0.07	6.03	ppb
Silver	107-1	0.08	0.07	0.07	0.07	7.95	ppb
Sodium	23-2	502122.38	502514.90	496196.19	500277.82	0.71	ppb
Strontium	86-1	4.32	4.46	4.33	4.37	1.73	ppb
Strontium	88-1	4.36	4.32	4.31	4.33	0.58	ppb
Sulfur	34-1	-101.03	-191.42	-74.17	-122.21		ppb
Terbium	159-1				90		%
Terbium	159-2				90		%
Thallium	203-1	0.26	0.25	0.24	0.25	4.13	ppb
Thallium	205-1	0.26	0.26	0.25	0.26	1.80	ppb
Thorium	232-1	0.10	0.09	0.09	0.10	6.06	ppb
Tin	118-1	0.91	0.92	0.87	0.90	2.75	ppb
Titanium	47-1	1.21	1.21	1.14	1.19	3.39	ppb
Uranium	238-1	0.07	0.07	0.07	0.07	8.10	ppb
Vanadium	51-2	0.21	0.23	0.26	0.23	9.94	ppb
Yttrium	89-1				90		%
Yttrium	89-2				96		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 14:52:41	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	15.79	15.47	16.08	15.78	1.95	ppb
Zirconium	90-1	0.27	0.25	0.26	0.26	3.41	ppb
Zirconium	91-1	0.28	0.20	0.26	0.25	15.67	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 14:57:10	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	554.54	553.70	555.14	554.46	0.13	ppb
Antimony	121-1	206.70	200.28	231.01	212.67	7.62	ppb
Arsenic	75-2	207.68	206.73	203.45	205.95	1.08	ppb
Barium	135-1	102.03	100.17	113.21	105.14	6.71	ppb
Barium	137-1	102.61	99.47	114.25	105.45	7.39	ppb
Beryllium	9-1	101.38	99.20	114.84	105.14	8.06	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Boron	10-1	9.12	8.78	9.56	9.15	4.24	ppb
Boron	11-1	8.95	8.64	9.49	9.03	4.78	ppb
Cadmium	111-1	107.65	105.07	119.52	110.75	6.96	ppb
Cadmium	106-1	84.75	82.43	93.83	87.00	6.92	ppb
Cadmium	108-1	90.41	89.79	101.45	93.88	6.99	ppb
Calcium	43-1	1976.82	1886.76	2203.95	2022.51	8.08	ppb
Calcium	44-1	1963.42	1904.67	2160.21	2009.43	6.66	ppb
Chromium	52-2	101.61	100.49	100.47	100.86	0.65	ppb
Cobalt	59-2	107.54	105.91	104.32	105.92	1.52	ppb
Copper	63-2	112.10	109.82	109.54	110.49	1.27	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				101		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				108		%
Iron	56-2	1098.64	1088.80	1075.14	1087.53	1.09	ppb
Iron	57-2	1089.67	1084.05	1071.48	1081.74	0.86	ppb
Krypton	83-1						cps
Lead	206-1	196.93	188.89	219.96	201.93	7.99	ppb
Lead	207-1	188.47	182.03	211.06	193.85	7.86	ppb
Lead	208-1	193.46	185.29	214.45	197.73	7.61	ppb
Lithium	6-1				98		%
Magnesium	24-2	1266.90	1260.19	1274.72	1267.27	0.57	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 14:57:10	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	101.55	101.44	100.30	101.10	0.68	ppb
Molybdenum	94-1	0.16	0.16	0.17	0.16	4.43	ppb
Molybdenum	95-1	0.18	0.17	0.22	0.19	15.41	ppb
Molybdenum	96-1	0.18	0.15	0.20	0.18	15.08	ppb
Molybdenum	97-1	0.17	0.15	0.20	0.17	15.90	ppb
Molybdenum	98-1	0.17	0.17	0.17	0.17	1.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	110.79	108.50	109.11	109.46	1.08	ppb
Phosphorus	31-2	-25.52	-18.85	-27.58	-23.99		ppb
Potassium	39-2	2024.58	2019.11	2031.30	2025.00	0.30	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	77-2	221.69	216.02	219.95	219.22	1.33	ppb
Selenium	78-2	216.04	217.96	209.10	214.37	2.17	ppb
Selenium	82-1	213.02	206.55	236.23	218.60	7.14	ppb
Silicon	28-1	4.12	3.23	6.62	4.66	37.72	ppb
Silver	109-1	110.56	108.16	124.08	114.27	7.51	ppb
Silver	107-1	110.24	107.16	123.77	113.72	7.77	ppb
Sodium	23-2	2064.72	2031.31	2042.20	2046.08	0.83	ppb
Strontium	86-1	2.20	2.27	2.52	2.33	7.38	ppb
Strontium	88-1	2.33	2.26	2.58	2.39	6.96	ppb
Sulfur	34-1	-294.32	-450.11	49.69	-231.58		ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	199.79	193.35	223.07	205.40	7.61	ppb
Thallium	205-1	199.47	191.02	219.75	203.41	7.26	ppb
Thorium	232-1	0.01	0.02	0.02	0.02	2.85	ppb
Tin	118-1	0.10	0.09	0.12	0.10	11.32	ppb
Titanium	47-1	0.11	0.12	0.15	0.13	13.15	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	11.94	ppb
Vanadium	51-2	101.17	99.59	99.99	100.25	0.82	ppb
Yttrium	89-1				103		%
Yttrium	89-2				107		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 14:57:10	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	228.24	221.64	221.77	223.88	1.69	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	0.87	ppb
Zirconium	91-1	0.14	0.14	0.17	0.15	9.68	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:00:46	DataFile Name :	013LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.18	19.18	19.37	19.24	0.58	ppb
Antimony	121-1	2.07	2.04	2.08	2.06	1.11	ppb
Arsenic	75-2	0.97	0.96	0.95	0.96	1.35	ppb
Barium	135-1	9.91	9.85	9.82	9.86	0.48	ppb
Barium	137-1	9.96	9.65	9.89	9.83	1.65	ppb
Beryllium	9-1	1.01	1.00	1.01	1.00	0.40	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	29.14	28.00	28.99	28.71	2.17	ppb
Boron	11-1	27.75	28.00	27.89	27.88	0.45	ppb
Cadmium	111-1	1.20	1.04	1.14	1.13	6.99	ppb
Cadmium	106-1	2.34	1.78	1.62	1.92	19.72	ppb
Cadmium	108-1	0.99	1.05	1.12	1.05	6.33	ppb
Calcium	43-1	464.40	466.63	470.21	467.08	0.63	ppb
Calcium	44-1	459.94	457.45	458.21	458.54	0.28	ppb
Chromium	52-2	1.91	1.93	1.92	1.92	0.62	ppb
Cobalt	59-2	1.01	1.00	0.96	0.99	2.74	ppb
Copper	63-2	2.04	1.99	2.00	2.01	1.21	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				102		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				108		%
Iron	56-2	54.66	54.07	53.34	54.02	1.22	ppb
Iron	57-2	54.56	56.96	56.87	56.13	2.43	ppb
Krypton	83-1						cps
Lead	206-1	0.92	0.91	0.94	0.93	1.75	ppb
Lead	207-1	0.91	0.91	0.94	0.92	1.57	ppb
Lead	208-1	0.92	0.91	0.92	0.92	0.50	ppb
Lithium	6-1				101		%
Magnesium	24-2	505.71	507.52	506.98	506.74	0.18	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:00:46	DataFile Name :	013LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.00	1.00	1.08	1.02	4.42	ppb
Molybdenum	94-1	4.94	4.97	4.80	4.90	1.81	ppb
Molybdenum	95-1	5.06	5.01	4.92	5.00	1.39	ppb
Molybdenum	96-1	4.86	4.94	4.90	4.90	0.76	ppb
Molybdenum	97-1	4.98	4.84	4.83	4.88	1.70	ppb
Molybdenum	98-1	4.92	4.83	4.92	4.89	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	1.00	1.07	1.03	3.77	ppb
Phosphorus	31-2	38.86	21.81	28.68	29.79	28.80	ppb
Potassium	39-2	480.70	483.40	483.08	482.39	0.31	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	77-2	7.27	6.03	4.48	5.92	23.58	ppb
Selenium	78-2	4.88	5.06	5.67	5.20	7.92	ppb
Selenium	82-1	5.29	5.36	5.30	5.32	0.70	ppb
Silicon	28-1	11.30	10.63	11.02	10.98	3.07	ppb
Silver	109-1	1.13	1.07	1.14	1.11	3.27	ppb
Silver	107-1	1.12	1.07	1.08	1.09	2.21	ppb
Sodium	23-2	499.91	495.66	493.58	496.38	0.65	ppb
Strontium	86-1	0.95	0.92	0.92	0.93	1.93	ppb
Strontium	88-1	0.92	0.93	0.92	0.92	0.68	ppb
Sulfur	34-1	-184.34	-308.56	-182.28	-225.06		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.92	0.96	0.99	0.96	3.71	ppb
Thallium	205-1	0.93	0.96	0.96	0.95	1.69	ppb
Thorium	232-1	0.82	0.82	0.82	0.82	0.41	ppb
Tin	118-1	4.95	4.92	4.93	4.93	0.26	ppb
Titanium	47-1	5.03	5.01	4.96	5.00	0.72	ppb
Uranium	238-1	0.82	0.83	0.83	0.83	0.61	ppb
Vanadium	51-2	5.03	4.95	4.99	4.99	0.78	ppb
Yttrium	89-1				105		%
Yttrium	89-2				108		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:00:46	DataFile Name :	013LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.51	2.45	2.63	2.53	3.77	ppb
Zirconium	90-1	0.91	0.92	0.92	0.92	0.77	ppb
Zirconium	91-1	0.94	0.88	0.90	0.91	3.01	ppb

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 15:04:22 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.23	0.43	0.36	0.34	29.43	ppb
Antimony	121-1	0.05	0.05	0.04	0.04	5.05	ppb
Arsenic	75-2	0.02	0.01	0.02	0.02	27.38	ppb
Barium	135-1	0.04	0.02	0.01	0.02	63.18	ppb
Barium	137-1	0.04	0.02	0.01	0.02	68.39	ppb
Beryllium	9-1	0.03	0.02	0.02	0.02	11.15	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	5.09	5.03	4.79	4.97	3.21	ppb
Boron	11-1	4.91	4.81	4.56	4.76	3.79	ppb
Cadmium	111-1	0.09	0.11	0.09	0.09	11.77	ppb
Cadmium	106-1	0.77	1.14	1.00	0.97	19.29	ppb
Cadmium	108-1	-0.02	0.01	0.01	0.00		ppb
Calcium	43-1	5.75	1.85	1.33	2.98	81.12	ppb
Calcium	44-1	4.16	1.76	1.94	2.62	50.89	ppb
Chromium	52-2	-0.01	0.00	-0.02	-0.01		ppb
Cobalt	59-2	0.00	0.01	0.01	0.00	31.07	ppb
Copper	63-2	-0.03	-0.06	-0.06	-0.05		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				106		%
Iron	56-2	1.04	0.93	0.86	0.94	9.96	ppb
Iron	57-2	0.73	0.70	1.10	0.84	26.22	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.03	0.02	23.74	ppb
Lead	207-1	0.02	0.02	0.02	0.02	17.47	ppb
Lead	208-1	0.03	0.02	0.02	0.02	18.95	ppb
Lithium	6-1				101		%
Magnesium	24-2	1.77	1.99	1.86	1.87	6.08	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:04:22	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.02	0.00	0.01	76.42	ppb
Molybdenum	94-1	0.07	0.03	0.05	0.05	33.96	ppb
Molybdenum	95-1	0.08	0.05	0.04	0.06	36.24	ppb
Molybdenum	96-1	0.08	0.05	0.04	0.06	33.83	ppb
Molybdenum	97-1	0.07	0.06	0.05	0.06	14.51	ppb
Molybdenum	98-1	0.06	0.04	0.05	0.05	18.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	0.00	0.00		ppb
Phosphorus	31-2	-26.79	-29.62	-24.30	-26.90		ppb
Potassium	39-2	11.43	11.17	11.24	11.28	1.18	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	77-2	0.16	0.16	0.00	0.10	86.60	ppb
Selenium	78-2	-0.02	-0.29	-0.16	-0.16		ppb
Selenium	82-1	-0.21	-0.28	0.09	-0.14		ppb
Silicon	28-1	0.43	0.69	0.67	0.60	24.21	ppb
Silver	109-1	0.01	0.01	0.01	0.01	36.19	ppb
Silver	107-1	0.02	0.01	0.01	0.02	43.87	ppb
Sodium	23-2	18.52	20.05	19.76	19.44	4.17	ppb
Strontium	86-1	0.00	0.00	-0.03	-0.01		ppb
Strontium	88-1	0.01	0.00	0.00	0.00	52.25	ppb
Sulfur	34-1	-297.01	-267.01	-214.25	-259.42		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.04	0.04	0.04	0.04	4.24	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	2.68	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	26.46	ppb
Tin	118-1	0.01	0.01	0.02	0.01	45.31	ppb
Titanium	47-1	0.05	0.05	0.06	0.05	5.81	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	56.26	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	0.95	ppb
Yttrium	89-1				104		%
Yttrium	89-2				106		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:04:22	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.01	0.01	0.02	0.01	268.10	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	52.33	ppb
Zirconium	91-1	0.02	0.02	0.00	0.01	98.27	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:07:59	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	85226.82	84317.36	85088.12	84877.43	0.58	ppb
Antimony	121-1	1.00	1.02	1.06	1.03	2.91	ppb
Arsenic	75-2	0.38	0.28	0.31	0.32	15.35	ppb
Barium	135-1	1.29	1.37	1.38	1.35	3.42	ppb
Barium	137-1	1.40	1.34	1.35	1.37	2.29	ppb
Beryllium	9-1	0.26	0.25	0.28	0.27	4.30	ppb
Bismuth	209-1				86		%
Bismuth	209-2				84		%
Boron	10-1	4.23	3.76	3.99	4.00	5.91	ppb
Boron	11-1	4.12	3.93	3.89	3.98	3.18	ppb
Cadmium	111-1	0.72	0.66	0.69	0.69	4.53	ppb
Cadmium	106-1	0.59	-0.03	0.05	0.20	164.35	ppb
Cadmium	108-1	17.46	17.04	16.92	17.14	1.67	ppb
Calcium	43-1	88514.88	89101.60	89062.63	88893.04	0.37	ppb
Calcium	44-1	88554.24	88659.17	88541.28	88584.90	0.07	ppb
Chromium	52-2	23.91	23.40	23.12	23.48	1.71	ppb
Cobalt	59-2	1.11	1.10	1.11	1.11	0.25	ppb
Copper	63-2	7.23	7.11	7.14	7.16	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				95		%
Indium	115-2				97		%
Iron	56-2	96255.97	95841.20	95907.14	96001.43	0.23	ppb
Iron	57-2	95626.46	95563.81	95317.78	95502.69	0.17	ppb
Krypton	83-1						cps
Lead	206-1	4.43	4.48	4.40	4.44	0.97	ppb
Lead	207-1	3.87	3.87	3.79	3.84	1.20	ppb
Lead	208-1	4.10	4.11	4.08	4.09	0.32	ppb
Lithium	6-1				94		%
Magnesium	24-2	94468.47	95187.55	94605.02	94753.68	0.40	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:07:59	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.33	7.16	7.15	7.21	1.39	ppb
Molybdenum	94-1	1231.54	1231.41	1241.63	1234.86	0.47	ppb
Molybdenum	95-1	1764.16	1764.84	1761.20	1763.40	0.11	ppb
Molybdenum	96-1	1712.39	1688.27	1710.91	1703.86	0.79	ppb
Molybdenum	97-1	1773.77	1758.61	1777.82	1770.07	0.57	ppb
Molybdenum	98-1	1766.36	1762.71	1784.51	1771.20	0.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.87	4.79	4.86	4.84	0.87	ppb
Phosphorus	31-2	89800.00	89820.29	90196.77	89939.02	0.25	ppb
Potassium	39-2	90209.43	90260.62	90443.21	90304.42	0.14	ppb
Rhodium	103-1				90		%
Rhodium	103-2				91		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	77-2	0.00	0.50	0.33	0.28	91.80	ppb
Selenium	78-2	0.03	-0.39	-0.15	-0.17		ppb
Selenium	82-1	-0.16	0.31	0.08	0.08	306.77	ppb
Silicon	28-1	26.06	26.16	25.61	25.94	1.12	ppb
Silver	109-1	0.05	0.06	0.06	0.06	11.92	ppb
Silver	107-1	0.06	0.06	0.05	0.06	6.20	ppb
Sodium	23-2	92420.63	92327.69	92121.41	92289.91	0.17	ppb
Strontium	86-1	30.93	30.42	30.96	30.77	0.98	ppb
Strontium	88-1	30.77	31.04	30.94	30.92	0.45	ppb
Sulfur	34-1	73038.78	73031.68	72406.01	72825.49	0.50	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.13	0.14	0.15	0.14	7.23	ppb
Thallium	205-1	0.11	0.13	0.14	0.13	8.89	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	12.89	ppb
Tin	118-1	0.15	0.15	0.15	0.15	2.02	ppb
Titanium	47-1	1869.46	1862.78	1874.31	1868.85	0.31	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	5.91	ppb
Vanadium	51-2	0.19	0.15	0.17	0.17	10.02	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:07:59	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	9.75	10.14	10.01	9.97	1.97	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	12.12	ppb
Zirconium	91-1	0.04	0.03	0.02	0.03	25.59	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:11:37	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	86948.90	87520.42	86595.32	87021.55	0.54	ppb
Antimony	121-1	19.89	20.03	19.85	19.92	0.47	ppb
Arsenic	75-2	18.62	18.18	18.98	18.60	2.15	ppb
Barium	135-1	20.38	20.59	21.04	20.67	1.64	ppb
Barium	137-1	20.62	20.89	20.57	20.70	0.83	ppb
Beryllium	9-1	18.75	18.87	19.02	18.88	0.70	ppb
Bismuth	209-1				86		%
Bismuth	209-2				84		%
Boron	10-1	50.55	53.67	52.67	52.30	3.05	ppb
Boron	11-1	51.81	52.94	52.56	52.43	1.10	ppb
Cadmium	111-1	19.62	19.44	19.97	19.67	1.38	ppb
Cadmium	106-1	26.11	26.49	26.57	26.39	0.93	ppb
Cadmium	108-1	40.77	41.43	40.56	40.92	1.11	ppb
Calcium	43-1	91141.52	91631.64	91433.24	91402.13	0.27	ppb
Calcium	44-1	90337.41	90760.03	91623.29	90906.91	0.72	ppb
Chromium	52-2	40.50	40.67	39.88	40.35	1.02	ppb
Cobalt	59-2	20.14	19.91	19.92	19.99	0.66	ppb
Copper	63-2	26.43	26.55	26.75	26.58	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				98		%
Iron	56-2	97497.42	97890.57	97212.69	97533.56	0.35	ppb
Iron	57-2	97332.00	96841.18	97083.15	97085.44	0.25	ppb
Krypton	83-1						cps
Lead	206-1	23.81	24.21	24.52	24.18	1.47	ppb
Lead	207-1	21.84	22.20	22.35	22.13	1.17	ppb
Lead	208-1	22.77	23.03	23.30	23.03	1.14	ppb
Lithium	6-1				96		%
Magnesium	24-2	97493.98	98605.34	97050.15	97716.49	0.82	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:11:37	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26.25	26.24	25.74	26.08	1.12	ppb
Molybdenum	94-1	1380.48	1391.44	1386.03	1385.98	0.40	ppb
Molybdenum	95-1	1885.74	1883.31	1868.42	1879.16	0.50	ppb
Molybdenum	96-1	1811.64	1812.32	1789.39	1804.45	0.72	ppb
Molybdenum	97-1	1881.90	1895.51	1880.60	1886.00	0.44	ppb
Molybdenum	98-1	1893.65	1885.60	1871.51	1883.59	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.39	23.69	23.88	23.65	1.03	ppb
Phosphorus	31-2	92876.68	93207.45	92895.89	92993.34	0.20	ppb
Potassium	39-2	93905.82	94465.68	92660.85	93677.45	0.99	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	77-2	19.04	15.98	15.66	16.90	11.06	ppb
Selenium	78-2	18.36	18.12	17.91	18.13	1.23	ppb
Selenium	82-1	18.13	18.26	17.73	18.04	1.53	ppb
Silicon	28-1	80.22	81.13	80.95	80.77	0.59	ppb
Silver	109-1	18.31	18.19	18.39	18.30	0.56	ppb
Silver	107-1	18.16	18.24	18.38	18.26	0.60	ppb
Sodium	23-2	94328.41	95317.97	95699.13	95115.17	0.74	ppb
Strontium	86-1	81.63	82.17	81.53	81.78	0.42	ppb
Strontium	88-1	81.78	82.66	82.78	82.41	0.66	ppb
Sulfur	34-1	75729.41	74637.43	75246.25	75204.36	0.73	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	19.72	19.66	20.12	19.83	1.26	ppb
Thallium	205-1	19.64	20.08	20.21	19.98	1.48	ppb
Thorium	232-1	0.53	0.52	0.53	0.53	0.91	ppb
Tin	118-1	48.68	48.92	48.79	48.80	0.25	ppb
Titanium	47-1	1981.80	1965.86	1957.90	1968.52	0.62	ppb
Uranium	238-1	51.01	51.09	51.57	51.22	0.59	ppb
Vanadium	51-2	19.09	18.85	18.67	18.87	1.12	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:11:37	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	29.44	29.05	28.45	28.98	1.71	ppb
Zirconium	90-1	50.65	50.35	50.57	50.52	0.31	ppb
Zirconium	91-1	49.96	50.63	51.11	50.57	1.14	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CCV74	Instrumnet Name :	P7
Client Sample ID :	CCV74	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:15:16	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54187.64	53286.25	53903.41	53792.43	0.86	ppb
Antimony	121-1	496.25	495.74	493.25	495.08	0.32	ppb
Arsenic	75-2	479.70	477.41	473.84	476.98	0.62	ppb
Barium	135-1	2576.44	2575.93	2562.10	2571.49	0.32	ppb
Barium	137-1	2551.23	2573.59	2518.19	2547.67	1.09	ppb
Beryllium	9-1	500.20	499.94	497.04	499.06	0.35	ppb
Bismuth	209-1				81		%
Bismuth	209-2				79		%
Boron	10-1	489.41	498.44	496.30	494.72	0.95	ppb
Boron	11-1	490.41	501.64	503.70	498.58	1.43	ppb
Cadmium	111-1	474.14	482.23	478.07	478.15	0.85	ppb
Cadmium	106-1	485.05	497.92	496.35	493.11	1.42	ppb
Cadmium	108-1	496.22	493.18	490.86	493.42	0.55	ppb
Calcium	43-1	244059.68	246546.93	242100.62	244235.75	0.91	ppb
Calcium	44-1	243325.39	244050.47	244274.52	243883.46	0.20	ppb
Chromium	52-2	504.20	499.62	503.63	502.48	0.50	ppb
Cobalt	59-2	491.16	489.69	486.78	489.21	0.45	ppb
Copper	63-2	945.20	936.90	932.05	938.05	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				95		%
Indium	115-2				98		%
Iron	56-2	127067.55	125396.10	126424.99	126296.21	0.67	ppb
Iron	57-2	127331.54	126292.33	126339.16	126654.35	0.46	ppb
Krypton	83-1						cps
Lead	206-1	529.93	526.18	525.06	527.05	0.48	ppb
Lead	207-1	527.38	525.23	522.85	525.15	0.43	ppb
Lead	208-1	528.13	525.61	520.92	524.89	0.70	ppb
Lithium	6-1				97		%
Magnesium	24-2	259345.78	256780.20	256720.95	257615.64	0.58	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CCV74	Instrumnet Name :	P7
Client Sample ID :	CCV74	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:15:16	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	996.22	990.36	996.63	994.40	0.35	ppb
Molybdenum	94-1	2537.57	2540.17	2536.86	2538.20	0.07	ppb
Molybdenum	95-1	2542.11	2548.37	2531.97	2540.82	0.33	ppb
Molybdenum	96-1	2523.59	2517.95	2531.87	2524.47	0.28	ppb
Molybdenum	97-1	2528.40	2543.08	2545.36	2538.95	0.36	ppb
Molybdenum	98-1	2523.09	2545.91	2522.70	2530.57	0.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	481.11	476.03	480.36	479.17	0.57	ppb
Phosphorus	31-2	10020.12	9900.05	9980.46	9966.88	0.61	ppb
Potassium	39-2	125729.57	123578.35	126312.17	125206.70	1.15	ppb
Rhodium	103-1				90		%
Rhodium	103-2				89		%
Scandium	45-1				104		%
Scandium	45-2				107		%
Selenium	77-2	476.23	466.68	454.63	465.85	2.32	ppb
Selenium	78-2	460.51	466.51	461.14	462.72	0.71	ppb
Selenium	82-1	456.32	461.33	464.24	460.63	0.87	ppb
Silicon	28-1	518.81	529.68	534.00	527.50	1.48	ppb
Silver	109-1	488.94	491.57	482.24	487.58	0.99	ppb
Silver	107-1	492.22	488.47	486.67	489.12	0.58	ppb
Sodium	23-2	248566.57	249853.30	247459.50	248626.46	0.48	ppb
Strontium	86-1	506.65	509.56	512.82	509.68	0.61	ppb
Strontium	88-1	507.03	511.42	509.13	509.19	0.43	ppb
Sulfur	34-1	10300.41	10368.16	10438.80	10369.12	0.67	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	527.38	528.74	524.74	526.95	0.39	ppb
Thallium	205-1	535.79	532.62	533.00	533.80	0.33	ppb
Thorium	232-1	539.33	537.09	537.30	537.91	0.23	ppb
Tin	118-1	509.72	506.68	501.84	506.08	0.79	ppb
Titanium	47-1	2540.58	2576.47	2560.09	2559.05	0.70	ppb
Uranium	238-1	538.30	536.14	532.09	535.51	0.59	ppb
Vanadium	51-2	509.34	505.84	505.88	507.02	0.40	ppb
Yttrium	89-1				102		%
Yttrium	89-2				105		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CCV74	Instrumnet Name :	P7
Client Sample ID :	CCV74	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:15:16	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	981.22	968.67	974.89	974.93	0.64	ppb
Zirconium	90-1	512.47	513.12	512.99	512.86	0.07	ppb
Zirconium	91-1	510.62	512.02	514.80	512.48	0.42	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CCB74	Instrumnet Name :	P7
Client Sample ID :	CCB74	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:19:37	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.50	1.16	1.02	1.23	19.75	ppb
Antimony	121-1	0.15	0.14	0.13	0.14	7.58	ppb
Arsenic	75-2	0.03	0.05	0.03	0.04	26.57	ppb
Barium	135-1	0.10	0.08	0.05	0.08	31.22	ppb
Barium	137-1	0.13	0.07	0.05	0.08	50.28	ppb
Beryllium	9-1	0.05	0.06	0.04	0.05	23.30	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	8.57	8.59	8.31	8.49	1.83	ppb
Boron	11-1	9.26	8.20	7.75	8.40	9.21	ppb
Cadmium	111-1	0.17	0.18	0.16	0.17	6.83	ppb
Cadmium	106-1	1.56	1.86	1.61	1.68	9.37	ppb
Cadmium	108-1	0.00	0.01	0.00	0.01	76.39	ppb
Calcium	43-1	12.35	9.51	7.60	9.82	24.35	ppb
Calcium	44-1	13.08	10.29	7.38	10.25	27.82	ppb
Chromium	52-2	0.04	0.02	0.04	0.03	31.51	ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	16.21	ppb
Copper	63-2	0.15	0.15	0.13	0.15	7.55	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				103		%
Indium	115-1				106		%
Indium	115-2				108		%
Iron	56-2	3.05	2.80	2.54	2.80	9.26	ppb
Iron	57-2	3.13	2.32	2.66	2.70	15.20	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.05	0.04	0.05	11.05	ppb
Lead	207-1	0.05	0.04	0.03	0.04	20.96	ppb
Lead	208-1	0.05	0.05	0.04	0.05	11.53	ppb
Lithium	6-1				104		%
Magnesium	24-2	4.62	4.27	3.69	4.19	11.18	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CCB74	Instrumnet Name :	P7
Client Sample ID :	CCB74	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:19:37	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.02	0.01	0.02	33.35	ppb
Molybdenum	94-1	0.31	0.26	0.23	0.27	14.88	ppb
Molybdenum	95-1	0.47	0.33	0.32	0.37	22.34	ppb
Molybdenum	96-1	0.43	0.34	0.29	0.35	20.86	ppb
Molybdenum	97-1	0.41	0.33	0.30	0.35	16.37	ppb
Molybdenum	98-1	0.40	0.34	0.29	0.35	15.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	0.01	0.02	22.79	ppb
Phosphorus	31-2	-21.98	-30.77	-31.78	-28.17		ppb
Potassium	39-2	27.37	24.36	24.22	25.32	7.03	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				109		%
Selenium	77-2	0.00	0.15	0.00	0.05	173.21	ppb
Selenium	78-2	-0.38	-0.42	-0.04	-0.28		ppb
Selenium	82-1	-0.02	0.14	-0.07	0.02	649.23	ppb
Silicon	28-1	2.33	2.22	1.94	2.16	9.27	ppb
Silver	109-1	0.05	0.05	0.03	0.04	22.66	ppb
Silver	107-1	0.06	0.04	0.04	0.05	18.01	ppb
Sodium	23-2	31.08	29.67	29.80	30.18	2.57	ppb
Strontium	86-1	0.02	0.01	0.02	0.02	46.17	ppb
Strontium	88-1	0.02	0.02	0.01	0.02	29.15	ppb
Sulfur	34-1	-142.35	-28.88	-73.03	-81.42		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.09	0.09	0.09	0.09	4.71	ppb
Thallium	205-1	0.10	0.09	0.08	0.09	13.72	ppb
Thorium	232-1	0.04	0.03	0.03	0.04	21.58	ppb
Tin	118-1	0.06	0.06	0.03	0.05	35.40	ppb
Titanium	47-1	0.18	0.12	0.12	0.14	24.67	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	33.23	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	61.23	ppb
Yttrium	89-1				107		%
Yttrium	89-2				109		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CCB74	Instrumnet Name :	P7
Client Sample ID :	CCB74	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:19:37	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.17	0.26	0.18	0.20	24.03	ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	19.66	ppb
Zirconium	91-1	0.04	0.03	0.03	0.03	28.16	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:23:13	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.61	18.55	20.17	19.11	4.79	ppb
Antimony	121-1	2.01	2.04	2.03	2.03	0.57	ppb
Arsenic	75-2	1.04	0.84	1.07	0.98	12.41	ppb
Barium	135-1	9.69	9.73	10.08	9.83	2.22	ppb
Barium	137-1	9.88	9.91	9.98	9.92	0.54	ppb
Beryllium	9-1	0.96	0.98	0.96	0.97	1.46	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	27.29	27.54	28.14	27.66	1.58	ppb
Boron	11-1	27.09	27.56	27.51	27.39	0.94	ppb
Cadmium	111-1	1.14	1.14	1.11	1.13	1.61	ppb
Cadmium	106-1	2.64	2.39	2.06	2.36	12.10	ppb
Cadmium	108-1	1.24	1.08	0.90	1.07	15.78	ppb
Calcium	43-1	464.80	468.28	463.91	465.66	0.50	ppb
Calcium	44-1	458.21	458.70	461.95	459.62	0.44	ppb
Chromium	52-2	1.95	1.87	1.94	1.92	2.26	ppb
Cobalt	59-2	1.02	0.95	0.99	0.99	3.83	ppb
Copper	63-2	2.18	2.11	2.18	2.15	1.92	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				104		%
Indium	115-1				106		%
Indium	115-2				109		%
Iron	56-2	55.47	53.85	55.75	55.02	1.86	ppb
Iron	57-2	52.17	53.00	55.94	53.71	3.69	ppb
Krypton	83-1						cps
Lead	206-1	0.91	0.96	0.93	0.93	2.71	ppb
Lead	207-1	0.92	0.90	0.89	0.91	1.39	ppb
Lead	208-1	0.90	0.93	0.91	0.91	1.41	ppb
Lithium	6-1				105		%
Magnesium	24-2	526.40	507.43	519.70	517.85	1.86	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:23:13	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.98	1.02	1.06	1.02	3.68	ppb
Molybdenum	94-1	4.83	4.97	4.94	4.91	1.48	ppb
Molybdenum	95-1	4.93	4.91	4.90	4.91	0.23	ppb
Molybdenum	96-1	4.93	4.83	4.98	4.91	1.46	ppb
Molybdenum	97-1	4.88	5.04	5.08	5.00	2.11	ppb
Molybdenum	98-1	4.86	5.04	4.89	4.93	1.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	1.03	1.16	1.07	8.00	ppb
Phosphorus	31-2	31.07	26.41	18.99	25.49	23.91	ppb
Potassium	39-2	492.50	483.06	494.35	489.97	1.24	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				109		%
Scandium	45-2				110		%
Selenium	77-2	7.20	6.44	5.24	6.29	15.72	ppb
Selenium	78-2	4.83	4.68	4.84	4.78	1.84	ppb
Selenium	82-1	5.49	5.66	5.12	5.42	5.09	ppb
Silicon	28-1	10.61	10.53	10.82	10.65	1.38	ppb
Silver	109-1	1.09	1.07	1.11	1.09	2.04	ppb
Silver	107-1	1.13	1.11	1.10	1.12	1.54	ppb
Sodium	23-2	503.35	480.84	499.17	494.46	2.42	ppb
Strontium	86-1	0.89	0.95	0.94	0.93	3.38	ppb
Strontium	88-1	0.93	0.94	0.94	0.94	0.62	ppb
Sulfur	34-1	-115.19	-58.11	-28.22	-67.17		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.90	0.96	0.91	0.92	3.40	ppb
Thallium	205-1	0.92	0.92	0.95	0.93	2.23	ppb
Thorium	232-1	0.82	0.84	0.82	0.83	1.31	ppb
Tin	118-1	5.07	5.06	5.05	5.06	0.21	ppb
Titanium	47-1	4.96	5.12	4.93	5.00	1.98	ppb
Uranium	238-1	0.86	0.83	0.84	0.84	1.84	ppb
Vanadium	51-2	5.11	4.82	5.10	5.01	3.29	ppb
Yttrium	89-1				108		%
Yttrium	89-2				109		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:23:13	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.44	2.45	2.40	2.43	1.00	ppb
Zirconium	90-1	0.92	0.94	0.93	0.93	1.25	ppb
Zirconium	91-1	0.96	0.92	1.02	0.97	5.02	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	PB116261BL	Instrumnet Name :	P7
Client Sample ID :	PB116261BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:26:49	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.35	0.78	0.41	0.51	45.60	ppb
Antimony	121-1	0.03	0.02	0.02	0.02	8.28	ppb
Arsenic	75-2	0.01	0.02	0.01	0.02	26.92	ppb
Barium	135-1	0.02	0.01	0.01	0.01	32.84	ppb
Barium	137-1	0.01	0.01	0.00	0.01	62.96	ppb
Beryllium	9-1	0.01	0.02	0.02	0.02	21.63	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	4.01	4.15	4.60	4.25	7.19	ppb
Boron	11-1	4.22	4.03	3.84	4.03	4.75	ppb
Cadmium	111-1	0.18	0.12	0.10	0.13	32.31	ppb
Cadmium	106-1	2.12	1.40	1.07	1.53	35.15	ppb
Cadmium	108-1	0.05	-0.01	-0.02	0.00	906.62	ppb
Calcium	43-1	-0.50	0.44	0.67	0.20	306.05	ppb
Calcium	44-1	1.94	1.58	1.45	1.65	15.38	ppb
Chromium	52-2	0.01	0.02	0.03	0.02	51.35	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	623.37	ppb
Copper	63-2	0.05	0.06	0.07	0.06	12.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				107		%
Iron	56-2	1.02	0.84	0.97	0.94	10.04	ppb
Iron	57-2	0.59	0.46	0.92	0.65	36.44	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.01	0.02	0.02	31.37	ppb
Lead	207-1	0.01	0.00	0.01	0.01	62.38	ppb
Lead	208-1	0.01	0.01	0.02	0.01	13.00	ppb
Lithium	6-1				104		%
Magnesium	24-2	1.30	1.32	1.56	1.39	10.41	ppb

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : PB116261BL Instrumnet Name : P7
 Client Sample ID : PB116261BL Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 15:26:49 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.01	0.00	0.00	115.45	ppb
Molybdenum	94-1	0.07	0.04	0.05	0.05	19.13	ppb
Molybdenum	95-1	0.06	0.06	0.05	0.06	13.77	ppb
Molybdenum	96-1	0.06	0.06	0.05	0.05	12.29	ppb
Molybdenum	97-1	0.06	0.05	0.05	0.06	12.62	ppb
Molybdenum	98-1	0.05	0.05	0.05	0.05	2.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	0.00	0.00		ppb
Phosphorus	31-2	-31.64	-28.27	-23.66	-27.86		ppb
Potassium	39-2	13.54	9.51	11.59	11.55	17.48	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				108		%
Selenium	77-2	0.16	0.31	0.00	0.16	100.17	ppb
Selenium	78-2	-0.27	-0.45	-0.43	-0.38		ppb
Selenium	82-1	-0.33	-0.08	-0.15	-0.19		ppb
Silicon	28-1	0.56	0.63	0.87	0.68	23.96	ppb
Silver	109-1	0.01	0.00	0.01	0.01	40.80	ppb
Silver	107-1	0.01	0.01	0.01	0.01	0.16	ppb
Sodium	23-2	14.89	14.26	15.09	14.75	2.96	ppb
Strontium	86-1	-0.01	-0.01	0.00	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	15.24	ppb
Sulfur	34-1	21.72	-24.80	-56.30	-19.80		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.03	0.03	0.02	0.02	9.08	ppb
Thallium	205-1	0.03	0.02	0.03	0.02	2.50	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	6.41	ppb
Tin	118-1	0.02	0.00	0.02	0.01	61.25	ppb
Titanium	47-1	0.07	0.03	0.06	0.05	38.38	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	26.62	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	31.95	ppb
Yttrium	89-1				106		%
Yttrium	89-2				107		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	PB116261BL	Instrumnet Name :	P7
Client Sample ID :	PB116261BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:26:49	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.03	-0.06	-0.02	-0.04		ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	9.42	ppb
Zirconium	91-1	0.00	0.01	0.01	0.01	39.60	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	PB116261BS	Instrumnet Name :	P7
Client Sample ID :	PB116261BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:30:25	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9974.18	10016.34	9939.81	9976.78	0.38	ppb
Antimony	121-1	514.26	517.40	518.37	516.68	0.42	ppb
Arsenic	75-2	506.82	508.82	513.67	509.77	0.69	ppb
Barium	135-1	2553.11	2568.56	2548.78	2556.81	0.41	ppb
Barium	137-1	2548.54	2587.44	2560.55	2565.51	0.78	ppb
Beryllium	9-1	506.55	515.87	511.71	511.38	0.91	ppb
Bismuth	209-1				92		%
Bismuth	209-2				90		%
Boron	10-1	491.31	501.57	507.72	500.20	1.66	ppb
Boron	11-1	488.83	500.40	507.04	498.76	1.85	ppb
Cadmium	111-1	514.70	529.98	526.66	523.78	1.53	ppb
Cadmium	106-1	515.42	526.47	526.39	522.76	1.22	ppb
Cadmium	108-1	524.83	532.86	534.33	530.67	0.96	ppb
Calcium	43-1	50190.04	50206.01	50483.69	50293.25	0.33	ppb
Calcium	44-1	49570.45	49565.18	49531.61	49555.75	0.04	ppb
Chromium	52-2	503.93	503.72	504.78	504.14	0.11	ppb
Cobalt	59-2	505.84	509.07	504.81	506.57	0.44	ppb
Copper	63-2	1029.17	1021.90	1023.33	1024.80	0.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				103		%
Iron	56-2	26323.93	26234.04	26136.85	26231.61	0.36	ppb
Iron	57-2	26308.25	26198.87	26101.57	26202.90	0.39	ppb
Krypton	83-1						cps
Lead	206-1	498.27	504.11	506.04	502.81	0.80	ppb
Lead	207-1	500.66	503.62	506.46	503.58	0.58	ppb
Lead	208-1	498.51	503.16	502.58	501.41	0.51	ppb
Lithium	6-1				101		%
Magnesium	24-2	55115.62	54419.11	54537.59	54690.77	0.68	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	PB116261BS	Instrumnet Name :	P7
Client Sample ID :	PB116261BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:30:25	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1015.40	1015.60	1016.01	1015.67	0.03	ppb
Molybdenum	94-1	2523.57	2515.30	2491.97	2510.28	0.65	ppb
Molybdenum	95-1	2512.35	2515.81	2487.55	2505.23	0.62	ppb
Molybdenum	96-1	2479.22	2533.58	2490.40	2501.07	1.15	ppb
Molybdenum	97-1	2511.79	2539.27	2499.99	2517.02	0.80	ppb
Molybdenum	98-1	2519.01	2519.31	2485.87	2508.06	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.96	515.93	513.12	512.67	0.68	ppb
Phosphorus	31-2	10223.11	10302.89	10250.24	10258.75	0.40	ppb
Potassium	39-2	24881.07	24740.06	24691.78	24770.97	0.40	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				105		%
Scandium	45-2				108		%
Selenium	77-2	532.21	507.30	522.02	520.51	2.41	ppb
Selenium	78-2	510.12	514.31	521.78	515.40	1.15	ppb
Selenium	82-1	516.55	523.36	516.72	518.88	0.75	ppb
Silicon	28-1	519.66	532.19	529.15	527.00	1.24	ppb
Silver	109-1	524.31	530.69	532.37	529.12	0.80	ppb
Silver	107-1	525.61	528.93	527.56	527.37	0.32	ppb
Sodium	23-2	50979.97	49959.95	50676.74	50538.89	1.04	ppb
Strontium	86-1	509.09	512.19	508.77	510.02	0.37	ppb
Strontium	88-1	509.07	512.22	505.66	508.98	0.64	ppb
Sulfur	34-1	10547.97	10424.18	10412.13	10461.43	0.72	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	502.78	504.54	503.68	503.67	0.18	ppb
Thallium	205-1	500.66	503.97	508.27	504.30	0.76	ppb
Thorium	232-1	488.98	493.90	489.01	490.63	0.58	ppb
Tin	118-1	513.94	518.30	510.85	514.37	0.73	ppb
Titanium	47-1	2498.37	2537.56	2512.93	2516.29	0.79	ppb
Uranium	238-1	489.65	493.03	490.39	491.03	0.36	ppb
Vanadium	51-2	504.65	505.22	505.82	505.23	0.12	ppb
Yttrium	89-1				104		%
Yttrium	89-2				107		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	PB116261BS	Instrumnet Name :	P7
Client Sample ID :	PB116261BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:30:25	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1038.73	1046.24	1036.48	1040.49	0.49	ppb
Zirconium	90-1	504.50	509.57	502.16	505.41	0.75	ppb
Zirconium	91-1	502.24	506.27	501.69	503.40	0.50	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-04	Instrumnet Name :	P7
Client Sample ID :	EB-01072019-01-FF	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:34:03	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.00	0.80	0.87	0.89	11.71	ppb
Antimony	121-1	0.15	0.12	0.12	0.13	13.73	ppb
Arsenic	75-2	0.07	0.09	0.09	0.08	11.01	ppb
Barium	135-1	0.57	0.47	0.46	0.50	12.31	ppb
Barium	137-1	0.54	0.42	0.43	0.46	15.00	ppb
Beryllium	9-1	0.04	0.05	0.03	0.04	24.73	ppb
Bismuth	209-1				109		%
Bismuth	209-2				108		%
Boron	10-1	11.43	9.81	9.32	10.18	10.83	ppb
Boron	11-1	11.33	9.60	9.05	10.00	11.92	ppb
Cadmium	111-1	0.15	0.12	0.18	0.15	21.76	ppb
Cadmium	106-1	1.02	0.87	1.64	1.18	34.46	ppb
Cadmium	108-1	0.06	0.01	0.04	0.04	66.59	ppb
Calcium	43-1	165.02	148.71	144.64	152.79	7.06	ppb
Calcium	44-1	161.17	143.40	145.10	149.89	6.54	ppb
Chromium	52-2	0.69	0.68	0.70	0.69	1.84	ppb
Cobalt	59-2	0.03	0.02	0.02	0.02	15.49	ppb
Copper	63-2	0.70	0.69	0.66	0.68	3.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				111		%
Indium	115-1				113		%
Indium	115-2				116		%
Iron	56-2	4.38	4.14	4.20	4.24	3.00	ppb
Iron	57-2	3.92	5.05	4.26	4.41	13.11	ppb
Krypton	83-1						cps
Lead	206-1	0.22	0.16	0.14	0.17	23.71	ppb
Lead	207-1	0.20	0.15	0.13	0.16	24.85	ppb
Lead	208-1	0.20	0.16	0.14	0.17	20.58	ppb
Lithium	6-1				111		%
Magnesium	24-2	4.28	4.22	4.20	4.23	0.98	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-04	Instrumnet Name :	P7
Client Sample ID :	EB-01072019-01-FF	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:34:03	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.43	1.30	1.43	1.39	5.22	ppb
Molybdenum	94-1	0.55	0.41	0.39	0.45	19.51	ppb
Molybdenum	95-1	0.71	0.58	0.47	0.59	20.80	ppb
Molybdenum	96-1	0.69	0.55	0.44	0.56	22.01	ppb
Molybdenum	97-1	0.72	0.59	0.45	0.59	22.98	ppb
Molybdenum	98-1	0.67	0.53	0.47	0.56	18.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.61	0.60	0.60	0.60	1.61	ppb
Phosphorus	31-2	-32.44	-27.65	-25.29	-28.46		ppb
Potassium	39-2	23.02	25.60	26.13	24.92	6.68	ppb
Rhodium	103-1				113		%
Rhodium	103-2				113		%
Scandium	45-1				114		%
Scandium	45-2				116		%
Selenium	77-2	0.14	0.00	0.00	0.05	173.21	ppb
Selenium	78-2	-0.12	-0.46	-0.37	-0.32		ppb
Selenium	82-1	-0.01	-0.13	-0.07	-0.07		ppb
Silicon	28-1	9.12	6.20	6.19	7.17	23.57	ppb
Silver	109-1	0.06	0.03	0.03	0.04	44.66	ppb
Silver	107-1	0.06	0.03	0.03	0.04	33.12	ppb
Sodium	23-2	60.44	59.24	59.41	59.70	1.09	ppb
Strontium	86-1	0.30	0.30	0.27	0.29	5.96	ppb
Strontium	88-1	0.37	0.31	0.32	0.33	9.95	ppb
Sulfur	34-1	-544.03	-913.23	-907.44	-788.23		ppb
Terbium	159-1				112		%
Terbium	159-2				112		%
Thallium	203-1	0.13	0.08	0.07	0.10	35.00	ppb
Thallium	205-1	0.12	0.08	0.07	0.09	30.95	ppb
Thorium	232-1	0.16	0.19	0.15	0.17	12.92	ppb
Tin	118-1	0.16	0.14	0.10	0.13	21.71	ppb
Titanium	47-1	0.25	0.14	0.12	0.17	41.30	ppb
Uranium	238-1	0.03	0.01	0.01	0.02	65.27	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	8.78	ppb
Yttrium	89-1				115		%
Yttrium	89-2				116		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-04	Instrumnet Name :	P7
Client Sample ID :	EB-01072019-01-FF	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:34:03	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	12.57	12.33	12.76	12.55	1.72	ppb
Zirconium	90-1	0.06	0.04	0.04	0.05	26.56	ppb
Zirconium	91-1	0.07	0.04	0.04	0.05	32.60	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1089-04RE	Instrumnet Name :	P7
Client Sample ID :	EB-01082019-01-FFRE	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:37:39	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.61	0.88	1.15	0.88	30.92	ppb
Antimony	121-1	0.05	0.05	0.05	0.05	4.38	ppb
Arsenic	75-2	0.10	0.09	0.11	0.10	11.60	ppb
Barium	135-1	1.29	1.46	1.42	1.39	6.57	ppb
Barium	137-1	1.41	1.39	1.44	1.41	1.73	ppb
Beryllium	9-1	0.02	0.02	0.01	0.02	22.54	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Boron	10-1	5.39	5.44	4.93	5.25	5.31	ppb
Boron	11-1	5.15	5.10	5.03	5.09	1.13	ppb
Cadmium	111-1	0.16	0.19	0.21	0.18	14.51	ppb
Cadmium	106-1	1.00	1.60	1.78	1.46	27.83	ppb
Cadmium	108-1	0.09	0.12	0.06	0.09	31.48	ppb
Calcium	43-1	165.24	170.28	165.37	166.96	1.72	ppb
Calcium	44-1	164.95	166.14	165.46	165.52	0.36	ppb
Chromium	52-2	12.02	11.94	12.06	12.01	0.50	ppb
Cobalt	59-2	0.04	0.05	0.05	0.05	2.70	ppb
Copper	63-2	40.57	40.79	40.91	40.76	0.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				109		%
Indium	115-1				113		%
Indium	115-2				114		%
Iron	56-2	17.74	18.34	18.13	18.07	1.68	ppb
Iron	57-2	16.77	18.07	18.04	17.62	4.22	ppb
Krypton	83-1						cps
Lead	206-1	0.36	0.36	0.36	0.36	0.67	ppb
Lead	207-1	0.31	0.30	0.32	0.31	3.10	ppb
Lead	208-1	0.33	0.32	0.33	0.33	1.58	ppb
Lithium	6-1				111		%
Magnesium	24-2	10.01	9.54	9.52	9.69	2.87	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1089-04RE	Instrumnet Name :	P7
Client Sample ID :	EB-01082019-01-FFRE	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:37:39	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.92	0.87	0.92	0.90	3.47	ppb
Molybdenum	94-1	0.31	0.25	0.28	0.28	10.14	ppb
Molybdenum	95-1	0.35	0.33	0.35	0.34	3.86	ppb
Molybdenum	96-1	0.34	0.34	0.35	0.34	2.10	ppb
Molybdenum	97-1	0.37	0.35	0.35	0.36	3.75	ppb
Molybdenum	98-1	0.36	0.36	0.32	0.35	6.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.69	1.65	1.73	1.69	2.47	ppb
Phosphorus	31-2	-24.73	-21.32	-24.56	-23.54		ppb
Potassium	39-2	14.51	17.79	17.18	16.50	10.57	ppb
Rhodium	103-1				113		%
Rhodium	103-2				111		%
Scandium	45-1				115		%
Scandium	45-2				114		%
Selenium	77-2	0.29	0.00	0.00	0.10	173.21	ppb
Selenium	78-2	-0.40	-0.03	-0.24	-0.22		ppb
Selenium	82-1	-0.14	0.04	0.02	-0.03		ppb
Silicon	28-1	-0.55	-0.36	-0.72	-0.55		ppb
Silver	109-1	0.01	0.01	0.01	0.01	19.91	ppb
Silver	107-1	0.01	0.01	0.01	0.01	7.33	ppb
Sodium	23-2	70.83	72.07	71.80	71.57	0.92	ppb
Strontium	86-1	0.26	0.30	0.30	0.29	8.32	ppb
Strontium	88-1	0.31	0.30	0.29	0.30	2.17	ppb
Sulfur	34-1	8902.47	9049.60	9000.67	8984.25	0.83	ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	0.04	0.03	0.03	0.03	5.82	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	4.12	ppb
Thorium	232-1	0.04	0.04	0.04	0.04	4.59	ppb
Tin	118-1	0.07	0.06	0.04	0.06	19.82	ppb
Titanium	47-1	0.03	0.07	0.04	0.05	45.06	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	16.71	ppb
Vanadium	51-2	0.04	0.03	0.03	0.03	13.41	ppb
Yttrium	89-1				115		%
Yttrium	89-2				114		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1089-04RE	Instrumnet Name :	P7
Client Sample ID :	EB-01082019-01-FFRE	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:37:39	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	64.84	65.06	65.03	64.98	0.19	ppb
Zirconium	90-1	0.02	0.01	0.02	0.01	20.18	ppb
Zirconium	91-1	0.02	0.02	0.01	0.01	58.17	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1104-01RE	Instrumnet Name :	P7
Client Sample ID :	EB-01092019-01RE	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:41:16	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.71	0.65	0.52	0.63	15.49	ppb
Antimony	121-1	0.02	0.03	0.02	0.02	32.19	ppb
Arsenic	75-2	0.03	0.03	0.03	0.03	3.74	ppb
Barium	135-1	0.32	0.33	0.32	0.32	1.20	ppb
Barium	137-1	0.31	0.32	0.30	0.31	2.22	ppb
Beryllium	9-1	0.02	0.02	0.01	0.02	28.96	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	3.56	3.45	3.48	3.50	1.68	ppb
Boron	11-1	3.64	3.48	3.52	3.55	2.31	ppb
Cadmium	111-1	0.13	0.14	0.09	0.12	23.49	ppb
Cadmium	106-1	1.36	1.56	0.97	1.30	23.33	ppb
Cadmium	108-1	-0.03	0.02	0.01	0.00		ppb
Calcium	43-1	83.94	78.88	79.78	80.87	3.34	ppb
Calcium	44-1	79.48	80.03	81.30	80.27	1.16	ppb
Chromium	52-2	2.72	2.63	2.61	2.65	2.28	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	67.03	ppb
Copper	63-2	1.15	1.21	1.21	1.19	3.04	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				110		%
Holmium	165-2				107		%
Indium	115-1				112		%
Indium	115-2				112		%
Iron	56-2	3.88	4.07	3.83	3.93	3.20	ppb
Iron	57-2	4.12	4.55	3.25	3.97	16.68	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.05	0.04	0.04	11.00	ppb
Lead	207-1	0.04	0.03	0.04	0.04	3.60	ppb
Lead	208-1	0.04	0.04	0.04	0.04	2.47	ppb
Lithium	6-1				111		%
Magnesium	24-2	2.77	2.35	2.67	2.59	8.43	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1104-01RE	Instrumnet Name :	P7
Client Sample ID :	EB-01092019-01RE	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:41:16	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.18	0.19	0.16	0.17	9.06	ppb
Molybdenum	94-1	0.10	0.10	0.07	0.09	22.13	ppb
Molybdenum	95-1	0.13	0.12	0.11	0.12	8.58	ppb
Molybdenum	96-1	0.12	0.11	0.10	0.11	10.84	ppb
Molybdenum	97-1	0.12	0.10	0.09	0.10	12.33	ppb
Molybdenum	98-1	0.11	0.11	0.11	0.11	3.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.28	0.32	0.33	0.31	8.48	ppb
Phosphorus	31-2	-27.14	-29.94	-24.08	-27.06		ppb
Potassium	39-2	11.74	7.80	9.77	9.77	20.13	ppb
Rhodium	103-1				113		%
Rhodium	103-2				110		%
Scandium	45-1				115		%
Scandium	45-2				113		%
Selenium	77-2	0.00	0.00	0.29	0.10	173.21	ppb
Selenium	78-2	-0.32	-0.21	-0.23	-0.25		ppb
Selenium	82-1	-0.07	-0.04	-0.10	-0.07		ppb
Silicon	28-1	-4.33	-3.90	-3.36	-3.86		ppb
Silver	109-1	0.01	0.01	0.01	0.01	25.10	ppb
Silver	107-1	0.01	0.01	0.01	0.01	7.69	ppb
Sodium	23-2	33.53	33.71	32.53	33.26	1.91	ppb
Strontium	86-1	0.08	0.02	0.02	0.04	74.48	ppb
Strontium	88-1	0.08	0.08	0.07	0.08	5.39	ppb
Sulfur	34-1	-367.83	-277.22	-274.95	-306.67		ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	0.02	0.03	0.02	0.02	16.06	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	14.14	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	12.13	ppb
Tin	118-1	0.01	0.02	0.01	0.02	36.13	ppb
Titanium	47-1	0.06	0.06	0.04	0.05	18.07	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	20.41	ppb
Vanadium	51-2	0.01	0.01	0.00	0.00	18.80	ppb
Yttrium	89-1				114		%
Yttrium	89-2				112		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1104-01RE	Instrumnet Name :	P7
Client Sample ID :	EB-01092019-01RE	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:41:16	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	7.53	7.61	7.63	7.59	0.71	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	37.97	ppb
Zirconium	91-1	0.02	0.01	0.01	0.01	48.78	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1104-02RE	Instrumnet Name :	P7
Client Sample ID :	EB-01092019-01-FFRE	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:44:52	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.38	15.76	17.14	16.43	4.21	ppb
Antimony	121-1	0.02	0.03	0.03	0.03	22.71	ppb
Arsenic	75-2	0.06	0.03	0.06	0.05	28.69	ppb
Barium	135-1	2.50	2.53	2.48	2.50	1.00	ppb
Barium	137-1	2.54	2.46	2.43	2.47	2.37	ppb
Beryllium	9-1	0.02	0.03	0.02	0.02	15.54	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	10-1	2.93	2.72	2.84	2.83	3.88	ppb
Boron	11-1	3.02	2.76	2.63	2.80	7.00	ppb
Cadmium	111-1	0.13	0.15	0.15	0.14	11.11	ppb
Cadmium	106-1	0.99	1.23	1.32	1.18	14.21	ppb
Cadmium	108-1	0.13	0.09	0.12	0.12	20.33	ppb
Calcium	43-1	67.06	73.31	70.43	70.27	4.45	ppb
Calcium	44-1	71.53	71.84	73.04	72.14	1.11	ppb
Chromium	52-2	43.82	43.95	44.25	44.01	0.50	ppb
Cobalt	59-2	0.06	0.06	0.06	0.06	3.53	ppb
Copper	63-2	204.58	206.70	204.87	205.39	0.56	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				110		%
Holmium	165-2				108		%
Indium	115-1				112		%
Indium	115-2				113		%
Iron	56-2	43.12	43.31	43.48	43.30	0.42	ppb
Iron	57-2	45.83	43.38	44.06	44.42	2.84	ppb
Krypton	83-1						cps
Lead	206-1	2.21	2.24	2.22	2.22	0.64	ppb
Lead	207-1	1.99	2.02	1.96	1.99	1.68	ppb
Lead	208-1	2.10	2.11	2.08	2.10	0.70	ppb
Lithium	6-1				111		%
Magnesium	24-2	3.83	3.70	3.62	3.72	2.78	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1104-02RE	Instrumnet Name :	P7
Client Sample ID :	EB-01092019-01-FFRE	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:44:52	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.94	1.02	1.00	0.99	4.10	ppb
Molybdenum	94-1	0.14	0.12	0.14	0.13	6.50	ppb
Molybdenum	95-1	0.15	0.16	0.16	0.16	3.33	ppb
Molybdenum	96-1	0.16	0.17	0.17	0.17	2.64	ppb
Molybdenum	97-1	0.17	0.17	0.16	0.17	1.51	ppb
Molybdenum	98-1	0.16	0.15	0.15	0.16	1.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.76	1.78	1.74	1.76	1.24	ppb
Phosphorus	31-2	-25.12	-25.63	-28.46	-26.40		ppb
Potassium	39-2	10.94	11.84	10.19	10.99	7.52	ppb
Rhodium	103-1				113		%
Rhodium	103-2				110		%
Scandium	45-1				115		%
Scandium	45-2				114		%
Selenium	77-2	0.15	0.29	0.29	0.24	34.34	ppb
Selenium	78-2	-0.53	0.03	-0.54	-0.34		ppb
Selenium	82-1	-0.11	-0.29	0.04	-0.12		ppb
Silicon	28-1	7.38	7.88	8.67	7.98	8.14	ppb
Silver	109-1	0.00	0.00	0.00	0.00	53.59	ppb
Silver	107-1	0.00	0.01	0.01	0.01	68.25	ppb
Sodium	23-2	45.24	45.59	43.98	44.94	1.89	ppb
Strontium	86-1	0.12	0.11	0.12	0.12	8.21	ppb
Strontium	88-1	0.14	0.15	0.15	0.15	3.25	ppb
Sulfur	34-1	3125.32	3158.95	3145.00	3143.09	0.54	ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	0.02	0.01	0.01	0.02	32.85	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	28.86	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	4.82	ppb
Tin	118-1	0.09	0.09	0.10	0.09	6.41	ppb
Titanium	47-1	0.02	0.03	0.03	0.03	22.18	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	7.58	ppb
Vanadium	51-2	0.04	0.05	0.04	0.04	11.53	ppb
Yttrium	89-1				114		%
Yttrium	89-2				113		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1104-02RE	Instrumnet Name :	P7
Client Sample ID :	EB-01092019-01-FFRE	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:44:52	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	279.13	281.01	280.96	280.37	0.38	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	47.15	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	37.27	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-02	Instrumnet Name :	P7
Client Sample ID :	D-01072019-01-FF	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:48:29	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	578.77	575.06	582.62	578.81	0.65	ppb
Antimony	121-1	9.37	9.19	9.52	9.36	1.77	ppb
Arsenic	75-2	0.39	0.39	0.39	0.39	0.65	ppb
Barium	135-1	4.27	4.09	4.21	4.19	2.16	ppb
Barium	137-1	4.18	4.06	4.21	4.15	1.93	ppb
Beryllium	9-1	0.18	0.20	0.19	0.19	5.32	ppb
Bismuth	209-1				85		%
Bismuth	209-2				80		%
Boron	10-1	288.68	288.20	285.81	287.56	0.53	ppb
Boron	11-1	297.35	290.44	294.66	294.15	1.18	ppb
Cadmium	111-1	3.89	3.86	3.97	3.91	1.43	ppb
Cadmium	106-1	3.98	3.59	4.46	4.01	10.87	ppb
Cadmium	108-1	3.34	3.46	3.61	3.47	3.94	ppb
Calcium	43-1	40278.07	40025.45	40028.94	40110.82	0.36	ppb
Calcium	44-1	40144.83	40214.37	40160.75	40173.32	0.09	ppb
Chromium	52-2	44035.57	43188.30	43781.80	43668.56	1.00	ppb
Cobalt	59-2	9.81	9.77	9.79	9.79	0.20	ppb
Copper	63-2	1094.19	1075.40	1093.68	1087.75	0.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				92		%
Indium	115-1				93		%
Indium	115-2				92		%
Iron	56-2	589.31	580.93	586.28	585.51	0.72	ppb
Iron	57-2	678.91	672.79	682.63	678.11	0.73	ppb
Krypton	83-1						cps
Lead	206-1	1.10	1.05	0.99	1.05	4.88	ppb
Lead	207-1	1.06	0.97	0.89	0.98	8.80	ppb
Lead	208-1	1.07	0.99	0.95	1.01	5.95	ppb
Lithium	6-1				99		%
Magnesium	24-2	7626.20	7532.20	7599.23	7585.88	0.64	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-02	Instrumnet Name :	P7
Client Sample ID :	D-01072019-01-FF	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:48:29	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	730.96	722.25	729.72	727.64	0.65	ppb
Molybdenum	94-1	0.86	0.88	0.89	0.88	1.57	ppb
Molybdenum	95-1	0.50	0.48	0.50	0.50	2.17	ppb
Molybdenum	96-1	0.52	0.52	0.52	0.52	0.15	ppb
Molybdenum	97-1	0.57	0.59	0.56	0.57	2.08	ppb
Molybdenum	98-1	0.46	0.51	0.49	0.49	4.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	79.33	78.47	80.08	79.29	1.01	ppb
Phosphorus	31-2	-12.90	-9.32	-9.29	-10.50		ppb
Potassium	39-2	1930.64	1910.73	1936.49	1925.95	0.70	ppb
Rhodium	103-1				89		%
Rhodium	103-2				87		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	77-2	3.52	2.10	1.96	2.53	34.24	ppb
Selenium	78-2	1.28	1.41	1.49	1.39	7.39	ppb
Selenium	82-1	2.47	2.20	2.36	2.34	5.85	ppb
Silicon	28-1	34169.58	34327.01	33929.34	34141.98	0.59	ppb
Silver	109-1	0.85	0.67	0.52	0.68	23.84	ppb
Silver	107-1	0.87	0.66	0.54	0.69	24.60	ppb
Sodium	23-2	170932.34	167382.01	169841.22	169385.19	1.07	ppb
Strontium	86-1	35.71	35.78	35.87	35.79	0.23	ppb
Strontium	88-1	35.47	35.83	36.01	35.77	0.77	ppb
Sulfur	34-1	23479.57	23298.57	23254.62	23344.25	0.51	ppb
Terbium	159-1				96		%
Terbium	159-2				92		%
Thallium	203-1	1.16	0.83	0.66	0.88	28.91	ppb
Thallium	205-1	1.19	0.86	0.67	0.91	29.00	ppb
Thorium	232-1	0.03	0.03	0.04	0.04	8.75	ppb
Tin	118-1	1.41	1.40	1.42	1.41	0.98	ppb
Titanium	47-1	4.93	5.23	5.06	5.07	3.05	ppb
Uranium	238-1	0.05	0.05	0.06	0.06	6.89	ppb
Vanadium	51-2	0.30	0.31	0.29	0.30	2.37	ppb
Yttrium	89-1				96		%
Yttrium	89-2				94		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-02	Instrumnet Name :	P7
Client Sample ID :	D-01072019-01-FF	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:48:29	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	95.02	93.50	94.03	94.18	0.82	ppb
Zirconium	90-1	0.36	0.34	0.34	0.35	2.48	ppb
Zirconium	91-1	0.33	0.30	0.35	0.32	7.40	ppb

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : K1079-06 Instrumnet Name : P7
 Client Sample ID : EPA-MW-29-BR-0107201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 15:52:11 DataFile Name : 027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.51	2.67	2.08	2.42	12.53	ppb
Antimony	121-1	1.02	1.01	0.98	1.00	1.78	ppb
Arsenic	75-2	1.81	1.78	2.13	1.91	10.12	ppb
Barium	135-1	142.28	139.90	141.38	141.19	0.85	ppb
Barium	137-1	142.40	141.89	140.69	141.66	0.62	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	10.52	ppb
Bismuth	209-1				88		%
Bismuth	209-2				81		%
Boron	10-1	48.95	47.45	48.15	48.18	1.56	ppb
Boron	11-1	48.19	48.04	47.65	47.96	0.58	ppb
Cadmium	111-1	0.21	0.17	0.16	0.18	14.29	ppb
Cadmium	106-1	0.71	0.45	0.56	0.57	22.14	ppb
Cadmium	108-1	0.09	0.16	0.10	0.12	33.67	ppb
Calcium	43-1	86768.71	86832.53	85639.32	86413.52	0.78	ppb
Calcium	44-1	86305.06	86755.74	85684.51	86248.44	0.62	ppb
Chromium	52-2	679.26	686.52	698.70	688.16	1.43	ppb
Cobalt	59-2	1.72	1.73	1.77	1.74	1.37	ppb
Copper	63-2	3.29	3.26	3.45	3.34	3.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				91		%
Indium	115-1				94		%
Indium	115-2				89		%
Iron	56-2	53.07	52.63	54.73	53.48	2.07	ppb
Iron	57-2	252.64	252.92	257.08	254.21	0.98	ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.13	0.12	0.14	15.98	ppb
Lead	207-1	0.15	0.14	0.12	0.14	10.52	ppb
Lead	208-1	0.16	0.14	0.13	0.14	13.01	ppb
Lithium	6-1				99		%
Magnesium	24-2	16128.37	16294.35	16793.74	16405.49	2.11	ppb

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : K1079-06 Instrumnet Name : P7
 Client Sample ID : EPA-MW-29-BR-0107201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 15:52:11 DataFile Name : 027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1804.45	1797.72	1864.76	1822.31	2.03	ppb
Molybdenum	94-1	0.43	0.47	0.44	0.45	4.60	ppb
Molybdenum	95-1	0.56	0.60	0.59	0.58	3.76	ppb
Molybdenum	96-1	0.57	0.58	0.55	0.57	2.25	ppb
Molybdenum	97-1	0.68	0.65	0.67	0.67	2.18	ppb
Molybdenum	98-1	0.61	0.57	0.57	0.58	4.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.35	8.51	8.71	8.53	2.10	ppb
Phosphorus	31-2	-25.98	-27.30	-23.37	-25.55		ppb
Potassium	39-2	1756.74	1769.34	1807.04	1777.71	1.47	ppb
Rhodium	103-1				91		%
Rhodium	103-2				87		%
Scandium	45-1				97		%
Scandium	45-2				92		%
Selenium	77-2	3.06	2.34	2.42	2.61	15.08	ppb
Selenium	78-2	0.92	1.02	0.91	0.95	6.03	ppb
Selenium	82-1	2.47	2.67	2.24	2.46	8.83	ppb
Silicon	28-1	6506.97	6494.23	6383.96	6461.72	1.05	ppb
Silver	109-1	0.16	0.15	0.15	0.15	2.94	ppb
Silver	107-1	0.17	0.16	0.14	0.16	8.85	ppb
Sodium	23-2	89590.84	90112.72	92445.78	90716.45	1.68	ppb
Strontium	86-1	132.53	133.63	130.07	132.08	1.38	ppb
Strontium	88-1	132.33	134.36	131.33	132.67	1.16	ppb
Sulfur	34-1	6784.84	6931.28	6649.65	6788.59	2.07	ppb
Terbium	159-1				98		%
Terbium	159-2				91		%
Thallium	203-1	0.18	0.18	0.16	0.17	6.48	ppb
Thallium	205-1	0.17	0.16	0.15	0.16	7.46	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	10.05	ppb
Tin	118-1	0.87	0.86	0.85	0.86	1.03	ppb
Titanium	47-1	0.99	0.98	0.92	0.96	4.10	ppb
Uranium	238-1	0.33	0.33	0.31	0.33	3.28	ppb
Vanadium	51-2	0.59	0.59	0.59	0.59	0.16	ppb
Yttrium	89-1				97		%
Yttrium	89-2				91		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-06	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-29-BR-0107201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:52:11	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	5.95	5.71	6.26	5.97	4.60	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	0.93	ppb
Zirconium	91-1	0.04	0.04	0.04	0.04	6.68	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-08	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-29-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:55:47	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	574.27	564.64	559.07	565.99	1.36	ppb
Antimony	121-1	9.31	9.47	9.54	9.44	1.26	ppb
Arsenic	75-2	0.40	0.36	0.45	0.40	12.09	ppb
Barium	135-1	4.33	4.18	4.33	4.28	2.04	ppb
Barium	137-1	4.24	4.39	4.27	4.30	1.81	ppb
Beryllium	9-1	0.19	0.19	0.20	0.20	4.60	ppb
Bismuth	209-1				85		%
Bismuth	209-2				78		%
Boron	10-1	300.25	296.80	302.69	299.92	0.99	ppb
Boron	11-1	301.33	301.47	308.56	303.78	1.36	ppb
Cadmium	111-1	3.71	3.74	3.63	3.69	1.55	ppb
Cadmium	106-1	3.87	4.07	2.28	3.41	28.71	ppb
Cadmium	108-1	3.18	3.45	3.15	3.26	5.05	ppb
Calcium	43-1	40699.23	41344.43	40808.38	40950.68	0.84	ppb
Calcium	44-1	41124.12	41239.65	40817.53	41060.44	0.53	ppb
Chromium	52-2	44224.01	44085.05	43611.31	43973.46	0.73	ppb
Cobalt	59-2	10.06	10.39	10.14	10.20	1.68	ppb
Copper	63-2	1106.68	1113.03	1093.50	1104.40	0.90	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				94		%
Holmium	165-2				88		%
Indium	115-1				88		%
Indium	115-2				84		%
Iron	56-2	822.48	827.35	819.94	823.25	0.46	ppb
Iron	57-2	914.42	916.54	908.60	913.18	0.45	ppb
Krypton	83-1						cps
Lead	206-1	0.80	0.81	0.81	0.81	0.70	ppb
Lead	207-1	0.73	0.75	0.71	0.73	2.61	ppb
Lead	208-1	0.75	0.77	0.75	0.76	1.42	ppb
Lithium	6-1				88		%
Magnesium	24-2	7729.55	7677.41	7586.41	7664.46	0.95	ppb

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : K1079-08 Instrumnet Name : P7
 Client Sample ID : EPA-MW-29-OB-010720 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 15:55:47 DataFile Name : 028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	796.01	798.57	788.73	794.44	0.64	ppb
Molybdenum	94-1	0.85	0.82	0.83	0.83	1.95	ppb
Molybdenum	95-1	0.47	0.50	0.48	0.48	2.96	ppb
Molybdenum	96-1	0.53	0.50	0.52	0.52	3.14	ppb
Molybdenum	97-1	0.54	0.53	0.56	0.54	2.82	ppb
Molybdenum	98-1	0.47	0.45	0.46	0.46	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	81.83	81.66	80.61	81.37	0.81	ppb
Phosphorus	31-2	-3.06	-11.86	-13.54	-9.49		ppb
Potassium	39-2	2014.95	1994.91	1990.53	2000.13	0.65	ppb
Rhodium	103-1				85		%
Rhodium	103-2				81		%
Scandium	45-1				90		%
Scandium	45-2				84		%
Selenium	77-2	2.54	2.14	2.89	2.53	14.95	ppb
Selenium	78-2	0.96	1.53	0.93	1.14	29.65	ppb
Selenium	82-1	1.85	1.78	1.60	1.74	7.34	ppb
Silicon	28-1	33953.53	34175.59	33645.81	33924.98	0.78	ppb
Silver	109-1	0.12	0.13	0.13	0.12	4.88	ppb
Silver	107-1	0.13	0.13	0.12	0.13	5.63	ppb
Sodium	23-2	173891.45	173859.91	171528.44	173093.26	0.78	ppb
Strontium	86-1	38.43	38.59	38.14	38.38	0.59	ppb
Strontium	88-1	38.53	38.64	38.48	38.55	0.21	ppb
Sulfur	34-1	23363.22	23365.39	23146.96	23291.86	0.54	ppb
Terbium	159-1				93		%
Terbium	159-2				87		%
Thallium	203-1	0.10	0.09	0.10	0.09	6.95	ppb
Thallium	205-1	0.10	0.09	0.08	0.09	8.81	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	5.15	ppb
Tin	118-1	0.84	0.89	0.86	0.86	3.15	ppb
Titanium	47-1	4.95	4.77	4.73	4.82	2.43	ppb
Uranium	238-1	0.06	0.06	0.05	0.06	3.89	ppb
Vanadium	51-2	0.32	0.31	0.25	0.29	12.86	ppb
Yttrium	89-1				90		%
Yttrium	89-2				86		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-08	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-29-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:55:47	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	99.62	98.13	98.40	98.72	0.81	ppb
Zirconium	90-1	0.33	0.32	0.34	0.33	2.49	ppb
Zirconium	91-1	0.33	0.32	0.31	0.32	2.85	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CCV75	Instrumnet Name :	P7
Client Sample ID :	CCV75	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 16:01:10	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53017.90	53462.02	52715.38	53065.10	0.71	ppb
Antimony	121-1	471.08	474.23	478.25	474.52	0.76	ppb
Arsenic	75-2	470.58	471.68	471.98	471.41	0.16	ppb
Barium	135-1	2475.53	2482.89	2503.28	2487.23	0.58	ppb
Barium	137-1	2477.95	2494.62	2516.69	2496.42	0.78	ppb
Beryllium	9-1	479.14	481.13	481.98	480.75	0.30	ppb
Bismuth	209-1				78		%
Bismuth	209-2				74		%
Boron	10-1	472.58	482.10	487.41	480.70	1.56	ppb
Boron	11-1	476.78	485.01	485.86	482.55	1.04	ppb
Cadmium	111-1	455.04	460.76	468.07	461.29	1.42	ppb
Cadmium	106-1	458.06	456.23	472.78	462.35	1.96	ppb
Cadmium	108-1	462.81	465.32	468.81	465.65	0.65	ppb
Calcium	43-1	241434.73	242487.49	244793.86	242905.36	0.71	ppb
Calcium	44-1	240629.19	242752.02	242587.27	241989.50	0.49	ppb
Chromium	52-2	509.95	519.41	507.81	512.39	1.21	ppb
Cobalt	59-2	498.14	506.92	493.96	499.67	1.32	ppb
Copper	63-2	961.86	971.39	960.05	964.44	0.63	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				93		%
Holmium	165-2				89		%
Indium	115-1				85		%
Indium	115-2				86		%
Iron	56-2	128487.51	130160.85	128821.59	129156.65	0.69	ppb
Iron	57-2	129285.53	129899.96	128108.60	129098.03	0.71	ppb
Krypton	83-1						cps
Lead	206-1	519.84	524.92	520.52	521.76	0.53	ppb
Lead	207-1	516.68	521.98	527.52	522.06	1.04	ppb
Lead	208-1	518.87	524.10	523.71	522.22	0.56	ppb
Lithium	6-1				80		%
Magnesium	24-2	258473.78	261677.75	256009.32	258720.28	1.10	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CCV75	Instrumnet Name :	P7
Client Sample ID :	CCV75	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 16:01:10	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	999.36	1005.70	999.99	1001.69	0.35	ppb
Molybdenum	94-1	2537.19	2510.95	2538.74	2528.96	0.62	ppb
Molybdenum	95-1	2558.19	2498.09	2554.04	2536.77	1.32	ppb
Molybdenum	96-1	2530.79	2507.06	2526.32	2521.39	0.50	ppb
Molybdenum	97-1	2536.63	2520.01	2543.89	2533.51	0.48	ppb
Molybdenum	98-1	2538.96	2529.77	2531.21	2533.31	0.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.99	498.74	491.27	494.33	0.79	ppb
Phosphorus	31-2	9746.58	9683.64	9712.74	9714.32	0.32	ppb
Potassium	39-2	122104.98	122235.58	121435.65	121925.40	0.35	ppb
Rhodium	103-1				79		%
Rhodium	103-2				78		%
Scandium	45-1				86		%
Scandium	45-2				89		%
Selenium	77-2	447.99	465.35	459.00	457.45	1.92	ppb
Selenium	78-2	457.97	449.52	463.85	457.11	1.58	ppb
Selenium	82-1	457.18	454.72	461.62	457.84	0.76	ppb
Silicon	28-1	489.69	505.23	510.39	501.77	2.15	ppb
Silver	109-1	463.76	463.95	466.92	464.88	0.38	ppb
Silver	107-1	461.81	464.74	467.04	464.53	0.56	ppb
Sodium	23-2	248138.35	251146.92	246743.20	248676.15	0.91	ppb
Strontium	86-1	502.25	503.69	512.68	506.21	1.12	ppb
Strontium	88-1	507.09	504.92	508.11	506.71	0.32	ppb
Sulfur	34-1	9204.89	9428.81	9757.63	9463.78	2.94	ppb
Terbium	159-1				92		%
Terbium	159-2				89		%
Thallium	203-1	524.75	529.17	526.54	526.82	0.42	ppb
Thallium	205-1	524.05	528.55	526.68	526.43	0.43	ppb
Thorium	232-1	544.69	545.51	545.31	545.17	0.08	ppb
Tin	118-1	484.15	487.57	492.65	488.12	0.88	ppb
Titanium	47-1	2496.28	2507.33	2522.51	2508.70	0.52	ppb
Uranium	238-1	550.53	551.80	550.50	550.94	0.14	ppb
Vanadium	51-2	512.07	516.24	507.19	511.83	0.89	ppb
Yttrium	89-1				88		%
Yttrium	89-2				89		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CCV75	Instrumnet Name :	P7
Client Sample ID :	CCV75	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 16:01:10	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1000.26	1014.47	1008.65	1007.79	0.71	ppb
Zirconium	90-1	510.20	503.67	508.19	507.35	0.66	ppb
Zirconium	91-1	507.87	504.33	509.37	507.19	0.51	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CCB75	Instrumnet Name :	P7
Client Sample ID :	CCB75	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 16:10:50	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.13	0.43	0.54	0.37	58.66	ppb
Antimony	121-1	0.04	0.04	0.04	0.04	5.78	ppb
Arsenic	75-2	0.03	0.01	0.01	0.02	51.69	ppb
Barium	135-1	0.02	0.04	0.01	0.02	64.18	ppb
Barium	137-1	0.00	0.01	0.01	0.01	70.38	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	6.14	ppb
Bismuth	209-1				95		%
Bismuth	209-2				90		%
Boron	10-1	5.10	4.89	4.52	4.84	6.07	ppb
Boron	11-1	4.97	5.01	4.74	4.90	2.97	ppb
Cadmium	111-1	0.05	0.02	0.04	0.04	36.26	ppb
Cadmium	106-1	0.44	0.20	0.24	0.29	43.99	ppb
Cadmium	108-1	0.02	0.00	0.00	0.01	199.47	ppb
Calcium	43-1	1.74	2.04	2.93	2.24	27.74	ppb
Calcium	44-1	2.63	2.62	2.12	2.46	11.98	ppb
Chromium	52-2	0.33	0.38	0.30	0.34	12.84	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	76.93	ppb
Copper	63-2	0.29	0.35	0.32	0.32	10.82	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				96		%
Holmium	165-2				93		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	56-2	0.86	0.95	0.93	0.91	4.96	ppb
Iron	57-2	0.57	0.78	0.82	0.72	17.92	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.03	0.02	19.68	ppb
Lead	207-1	0.02	0.01	0.01	0.01	35.48	ppb
Lead	208-1	0.02	0.02	0.02	0.02	6.66	ppb
Lithium	6-1				88		%
Magnesium	24-2	1.67	1.43	1.46	1.52	8.48	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CCB75	Instrumnet Name :	P7
Client Sample ID :	CCB75	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 16:10:50	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.02	0.03	0.02	15.51	ppb
Molybdenum	94-1	0.09	0.04	0.06	0.07	39.15	ppb
Molybdenum	95-1	0.11	0.07	0.05	0.08	39.85	ppb
Molybdenum	96-1	0.09	0.08	0.06	0.08	20.06	ppb
Molybdenum	97-1	0.09	0.06	0.07	0.07	24.77	ppb
Molybdenum	98-1	0.10	0.07	0.07	0.08	21.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	0.01	0.01	100.32	ppb
Phosphorus	31-2	-29.70	-23.31	-26.85	-26.62		ppb
Potassium	39-2	6.13	7.62	5.94	6.56	13.96	ppb
Rhodium	103-1				94		%
Rhodium	103-2				92		%
Scandium	45-1				91		%
Scandium	45-2				90		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.12	-0.03	0.05	-0.03		ppb
Selenium	82-1	-0.11	0.13	-0.02	0.00	107804.00	ppb
Silicon	28-1	-0.77	-0.47	-0.29	-0.51		ppb
Silver	109-1	0.04	0.03	0.03	0.03	11.50	ppb
Silver	107-1	0.03	0.03	0.03	0.03	7.51	ppb
Sodium	23-2	28.01	30.08	28.62	28.90	3.67	ppb
Strontium	86-1	-0.01	-0.02	-0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.01	0.00	15.22	ppb
Sulfur	34-1	-415.85	-399.00	-383.63	-399.49		ppb
Terbium	159-1				96		%
Terbium	159-2				93		%
Thallium	203-1	0.03	0.03	0.03	0.03	4.99	ppb
Thallium	205-1	0.02	0.02	0.03	0.02	5.12	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	9.20	ppb
Tin	118-1	0.01	0.02	0.01	0.02	19.70	ppb
Titanium	47-1	0.04	0.03	0.04	0.03	19.97	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	13.67	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	7.94	ppb
Yttrium	89-1				94		%
Yttrium	89-2				92		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CCB75	Instrumnet Name :	P7
Client Sample ID :	CCB75	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 16:10:50	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.05	0.07	0.09	0.07	22.84	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	30.53	ppb
Zirconium	91-1	0.01	0.02	0.00	0.01	58.72	ppb

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : K1079-12 Instrumnet Name : P7
 Client Sample ID : EPA-MW-39-OB-010720 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 16:14:26 DataFile Name : 031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1282.48	1249.33	1243.53	1258.44	1.67	ppb
Antimony	121-1	1.47	1.31	1.25	1.34	8.73	ppb
Arsenic	75-2	1.50	1.43	1.43	1.45	2.90	ppb
Barium	135-1	128.21	126.61	126.63	127.15	0.72	ppb
Barium	137-1	128.32	127.11	127.45	127.63	0.49	ppb
Beryllium	9-1	1.28	1.27	1.22	1.26	2.77	ppb
Bismuth	209-1				80		%
Bismuth	209-2				73		%
Boron	10-1	2142.18	2176.82	2162.83	2160.61	0.81	ppb
Boron	11-1	2186.77	2214.88	2220.92	2207.52	0.83	ppb
Cadmium	111-1	305.11	302.01	303.29	303.47	0.51	ppb
Cadmium	106-1	238.04	242.01	238.86	239.64	0.87	ppb
Cadmium	108-1	256.76	253.70	256.86	255.77	0.70	ppb
Calcium	43-1	90862.19	91312.50	91840.82	91338.50	0.54	ppb
Calcium	44-1	91218.74	90952.68	91853.79	91341.74	0.51	ppb
Chromium	52-2	43681.17	43320.92	43368.18	43456.76	0.45	ppb
Cobalt	59-2	21.92	21.56	21.77	21.75	0.83	ppb
Copper	63-2	1310.64	1304.31	1304.09	1306.35	0.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				86		%
Indium	115-1				83		%
Indium	115-2				80		%
Iron	56-2	64.33	63.48	63.08	63.63	1.00	ppb
Iron	57-2	266.42	262.93	272.64	267.33	1.84	ppb
Krypton	83-1						cps
Lead	206-1	0.22	0.20	0.19	0.20	7.80	ppb
Lead	207-1	0.23	0.18	0.18	0.20	15.14	ppb
Lead	208-1	0.22	0.19	0.18	0.20	11.92	ppb
Lithium	6-1				84		%
Magnesium	24-2	18450.17	18177.74	18346.33	18324.75	0.75	ppb

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : K1079-12 Instrumnet Name : P7
 Client Sample ID : EPA-MW-39-OB-010720 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 16:14:26 DataFile Name : 031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7775.65	7764.93	7736.94	7759.17	0.26	ppb
Molybdenum	94-1	0.55	0.52	0.52	0.53	2.91	ppb
Molybdenum	95-1	0.71	0.66	0.65	0.67	4.63	ppb
Molybdenum	96-1	0.57	0.53	0.55	0.55	3.94	ppb
Molybdenum	97-1	0.64	0.62	0.62	0.62	2.01	ppb
Molybdenum	98-1	0.60	0.60	0.58	0.59	1.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	768.41	763.04	768.94	766.80	0.43	ppb
Phosphorus	31-2	-4.80	-6.51	-20.98	-10.76		ppb
Potassium	39-2	3895.79	3876.00	3879.07	3883.62	0.27	ppb
Rhodium	103-1				79		%
Rhodium	103-2				76		%
Scandium	45-1				83		%
Scandium	45-2				80		%
Selenium	77-2	22.34	23.95	24.41	23.57	4.62	ppb
Selenium	78-2	7.68	6.71	7.47	7.29	6.98	ppb
Selenium	82-1	1.59	1.27	1.33	1.40	12.28	ppb
Silicon	28-1	10273.35	10248.04	10311.53	10277.64	0.31	ppb
Silver	109-1	0.25	0.18	0.14	0.19	29.59	ppb
Silver	107-1	0.26	0.18	0.14	0.19	30.78	ppb
Sodium	23-2	270733.51	271311.21	271671.32	271238.68	0.17	ppb
Strontium	86-1	269.76	273.17	273.21	272.05	0.73	ppb
Strontium	88-1	269.69	271.21	270.88	270.59	0.29	ppb
Sulfur	34-1	96152.25	96791.30	97595.62	96846.39	0.75	ppb
Terbium	159-1				90		%
Terbium	159-2				85		%
Thallium	203-1	0.31	0.26	0.22	0.26	18.22	ppb
Thallium	205-1	0.34	0.25	0.20	0.26	26.48	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	5.81	ppb
Tin	118-1	0.60	0.61	0.58	0.59	2.50	ppb
Titanium	47-1	1.37	1.30	1.46	1.38	5.86	ppb
Uranium	238-1	0.18	0.16	0.16	0.16	6.78	ppb
Vanadium	51-2	0.35	0.35	0.34	0.35	1.29	ppb
Yttrium	89-1				106		%
Yttrium	89-2				101		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-12	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 16:14:26	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	541.11	541.76	543.77	542.21	0.26	ppb
Zirconium	90-1	0.07	0.07	0.06	0.07	7.32	ppb
Zirconium	91-1	0.05	0.07	0.04	0.06	28.21	ppb

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : K1079-12DUP Instrumnet Name : P7
 Client Sample ID : EPA-MW-39-OB-010720 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 16:18:08 DataFile Name : 032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1263.68	1281.35	1282.77	1275.93	0.83	ppb
Antimony	121-1	1.11	1.14	1.14	1.13	1.21	ppb
Arsenic	75-2	1.51	1.39	1.48	1.46	4.44	ppb
Barium	135-1	126.03	128.70	128.15	127.63	1.10	ppb
Barium	137-1	127.68	129.13	128.71	128.51	0.58	ppb
Beryllium	9-1	1.30	1.28	1.27	1.29	0.96	ppb
Bismuth	209-1				80		%
Bismuth	209-2				72		%
Boron	10-1	2204.21	2265.77	2254.06	2241.35	1.46	ppb
Boron	11-1	2246.55	2322.27	2296.75	2288.52	1.68	ppb
Cadmium	111-1	298.91	303.42	302.01	301.45	0.76	ppb
Cadmium	106-1	237.88	239.33	231.43	236.21	1.78	ppb
Cadmium	108-1	252.31	255.67	251.96	253.32	0.81	ppb
Calcium	43-1	90330.07	94430.41	93109.39	92623.29	2.26	ppb
Calcium	44-1	90725.20	95009.55	93004.66	92913.14	2.31	ppb
Chromium	52-2	44079.47	44002.97	44074.48	44052.31	0.10	ppb
Cobalt	59-2	22.21	22.06	21.97	22.08	0.55	ppb
Copper	63-2	1331.36	1331.93	1328.79	1330.69	0.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				85		%
Indium	115-1				83		%
Indium	115-2				78		%
Iron	56-2	65.75	64.14	65.39	65.09	1.30	ppb
Iron	57-2	277.94	272.35	274.46	274.92	1.03	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.15	0.13	0.14	8.29	ppb
Lead	207-1	0.14	0.12	0.14	0.13	9.16	ppb
Lead	208-1	0.14	0.13	0.13	0.13	1.90	ppb
Lithium	6-1				79		%
Magnesium	24-2	18467.47	18376.51	18406.93	18416.97	0.25	ppb

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : K1079-12DUP Instrumnet Name : P7
 Client Sample ID : EPA-MW-39-OB-010720 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 16:18:08 DataFile Name : 032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7878.84	7859.39	7876.11	7871.45	0.13	ppb
Molybdenum	94-1	0.47	0.53	0.51	0.50	5.83	ppb
Molybdenum	95-1	0.65	0.65	0.66	0.65	1.22	ppb
Molybdenum	96-1	0.55	0.54	0.52	0.54	3.19	ppb
Molybdenum	97-1	0.63	0.58	0.64	0.62	4.95	ppb
Molybdenum	98-1	0.61	0.61	0.62	0.61	1.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	779.25	780.02	784.14	781.14	0.34	ppb
Phosphorus	31-2	-12.15	-7.29	-16.04	-11.82		ppb
Potassium	39-2	3879.56	3897.57	3855.39	3877.51	0.55	ppb
Rhodium	103-1				78		%
Rhodium	103-2				74		%
Scandium	45-1				80		%
Scandium	45-2				77		%
Selenium	77-2	23.62	21.08	21.18	21.96	6.54	ppb
Selenium	78-2	6.32	6.29	6.69	6.44	3.39	ppb
Selenium	82-1	1.27	1.07	0.96	1.10	14.21	ppb
Silicon	28-1	10074.56	10481.12	10270.87	10275.52	1.98	ppb
Silver	109-1	0.08	0.08	0.06	0.08	17.84	ppb
Silver	107-1	0.08	0.08	0.07	0.08	9.21	ppb
Sodium	23-2	274632.96	273555.78	270401.28	272863.34	0.81	ppb
Strontium	86-1	272.82	275.55	275.15	274.50	0.54	ppb
Strontium	88-1	271.18	275.25	272.84	273.09	0.75	ppb
Sulfur	34-1	94938.48	98791.97	97483.66	97071.37	2.02	ppb
Terbium	159-1				91		%
Terbium	159-2				84		%
Thallium	203-1	0.09	0.09	0.08	0.09	6.73	ppb
Thallium	205-1	0.10	0.09	0.09	0.09	2.75	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	1.45	ppb
Tin	118-1	0.53	0.51	0.52	0.52	1.93	ppb
Titanium	47-1	1.43	1.39	1.44	1.42	1.87	ppb
Uranium	238-1	0.18	0.17	0.16	0.17	5.62	ppb
Vanadium	51-2	0.37	0.39	0.39	0.38	2.06	ppb
Yttrium	89-1				105		%
Yttrium	89-2				99		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-12DUP	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 16:18:08	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	546.58	549.69	554.59	550.29	0.73	ppb
Zirconium	90-1	0.06	0.05	0.05	0.05	7.14	ppb
Zirconium	91-1	0.04	0.05	0.04	0.04	7.05	ppb

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : K1079-12LX5 Instrumnet Name : P7
 Client Sample ID : EPA-MW-39-OB-010720 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-18 16:21:50 DataFile Name : 033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	251.47	254.03	258.07	254.52	1.31	ppb
Antimony	121-1	0.35	0.32	0.28	0.32	11.09	ppb
Arsenic	75-2	0.33	0.36	0.37	0.35	6.51	ppb
Barium	135-1	24.65	24.21	24.50	24.45	0.91	ppb
Barium	137-1	24.69	24.15	24.88	24.57	1.55	ppb
Beryllium	9-1	0.31	0.26	0.29	0.29	8.64	ppb
Bismuth	209-1				92		%
Bismuth	209-2				84		%
Boron	10-1	489.71	498.95	498.62	495.76	1.06	ppb
Boron	11-1	502.61	507.96	508.45	506.34	0.64	ppb
Cadmium	111-1	62.27	62.07	62.41	62.25	0.28	ppb
Cadmium	106-1	47.50	49.79	50.28	49.19	3.02	ppb
Cadmium	108-1	53.33	51.97	53.18	52.83	1.42	ppb
Calcium	43-1	17948.84	17861.11	17929.13	17913.02	0.26	ppb
Calcium	44-1	17889.10	17898.43	17812.40	17866.64	0.26	ppb
Chromium	52-2	8670.32	8755.50	8786.18	8737.33	0.69	ppb
Cobalt	59-2	4.42	4.36	4.56	4.45	2.36	ppb
Copper	63-2	273.71	277.48	277.73	276.31	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				97		%
Holmium	165-2				89		%
Indium	115-1				91		%
Indium	115-2				85		%
Iron	56-2	12.90	13.50	13.44	13.28	2.46	ppb
Iron	57-2	48.97	52.09	53.48	51.51	4.49	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.02	0.01	0.01	94.29	ppb
Lead	207-1	0.01	0.01	-0.01	0.00	191.76	ppb
Lead	208-1	0.01	0.01	0.01	0.01	25.65	ppb
Lithium	6-1				79		%
Magnesium	24-2	3517.09	3575.39	3546.12	3546.20	0.82	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-12LX5	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	5
Date & Time Acquired ::	2019-01-18 16:21:50	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1543.70	1563.89	1564.43	1557.34	0.76	ppb
Molybdenum	94-1	0.10	0.11	0.13	0.11	13.21	ppb
Molybdenum	95-1	0.16	0.14	0.16	0.15	5.15	ppb
Molybdenum	96-1	0.12	0.15	0.13	0.13	11.56	ppb
Molybdenum	97-1	0.13	0.14	0.14	0.14	0.92	ppb
Molybdenum	98-1	0.14	0.13	0.13	0.13	6.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	158.25	159.74	160.23	159.41	0.65	ppb
Phosphorus	31-2	-26.83	-22.71	-28.87	-26.14		ppb
Potassium	39-2	751.60	764.89	760.62	759.04	0.89	ppb
Rhodium	103-1				87		%
Rhodium	103-2				83		%
Scandium	45-1				84		%
Scandium	45-2				81		%
Selenium	77-2	4.87	4.94	5.45	5.09	6.21	ppb
Selenium	78-2	1.48	1.75	0.84	1.36	34.49	ppb
Selenium	82-1	0.53	0.62	0.74	0.63	16.55	ppb
Silicon	28-1	1981.02	1974.94	1963.84	1973.27	0.44	ppb
Silver	109-1	0.02	0.03	0.02	0.02	16.11	ppb
Silver	107-1	0.03	0.03	0.03	0.03	6.58	ppb
Sodium	23-2	52805.48	52815.78	53140.18	52920.48	0.36	ppb
Strontium	86-1	61.42	62.64	62.15	62.07	0.99	ppb
Strontium	88-1	62.08	63.16	62.64	62.63	0.86	ppb
Sulfur	34-1	23365.63	23331.16	23109.17	23268.65	0.60	ppb
Terbium	159-1				96		%
Terbium	159-2				89		%
Thallium	203-1	0.01	0.02	0.01	0.01	41.86	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	14.63	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	2.98	ppb
Tin	118-1	0.05	0.05	0.04	0.04	10.67	ppb
Titanium	47-1	0.34	0.38	0.31	0.34	9.09	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	3.62	ppb
Vanadium	51-2	0.07	0.08	0.07	0.07	12.31	ppb
Yttrium	89-1				94		%
Yttrium	89-2				88		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-12LX5	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	5
Date & Time Acquired ::	2019-01-18 16:21:50	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	120.59	120.56	121.55	120.90	0.46	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	40.34	ppb
Zirconium	91-1	0.01	0.01	0.03	0.02	71.38	ppb

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : K1079-13 Instrumnet Name : P7
 Client Sample ID : EPA-MW-39-OB-010720 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 16:25:26 DataFile Name : 034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10732.42	10959.31	10910.17	10867.30	1.10	ppb
Antimony	121-1	465.14	465.14	467.10	465.79	0.24	ppb
Arsenic	75-2	375.01	378.62	376.85	376.82	0.48	ppb
Barium	135-1	2537.96	2533.41	2544.17	2538.51	0.21	ppb
Barium	137-1	2547.92	2544.33	2552.27	2548.17	0.16	ppb
Beryllium	9-1	447.81	448.50	446.94	447.75	0.17	ppb
Bismuth	209-1				77		%
Bismuth	209-2				70		%
Boron	10-1	2649.39	2655.30	2686.94	2663.88	0.76	ppb
Boron	11-1	2712.84	2709.27	2731.89	2718.00	0.45	ppb
Cadmium	111-1	745.82	740.25	743.63	743.23	0.38	ppb
Cadmium	106-1	673.11	673.31	675.59	674.01	0.20	ppb
Cadmium	108-1	701.31	691.43	692.12	694.95	0.79	ppb
Calcium	43-1	140576.07	139986.76	140985.25	140516.03	0.36	ppb
Calcium	44-1	139524.15	139284.63	140900.20	139902.99	0.62	ppb
Chromium	52-2	43619.89	44483.47	44073.57	44058.97	0.98	ppb
Cobalt	59-2	532.41	542.75	541.19	538.78	1.03	ppb
Copper	63-2	2315.67	2360.11	2348.19	2341.32	0.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				84		%
Indium	115-1				80		%
Indium	115-2				76		%
Iron	56-2	26769.11	27293.57	27044.35	27035.67	0.97	ppb
Iron	57-2	26515.50	27014.41	27048.69	26859.53	1.11	ppb
Krypton	83-1						cps
Lead	206-1	516.82	511.17	510.74	512.91	0.66	ppb
Lead	207-1	498.95	494.18	496.74	496.62	0.48	ppb
Lead	208-1	507.99	504.76	504.50	505.75	0.38	ppb
Lithium	6-1				76		%
Magnesium	24-2	70748.63	71970.13	71344.43	71354.40	0.86	ppb

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : K1079-13 Instrumnet Name : P7
 Client Sample ID : EPA-MW-39-OB-010720 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 16:25:26 DataFile Name : 034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8725.99	8847.67	8913.83	8829.16	1.08	ppb
Molybdenum	94-1	2040.90	2038.74	2020.07	2033.24	0.56	ppb
Molybdenum	95-1	2022.07	2027.17	2019.19	2022.81	0.20	ppb
Molybdenum	96-1	2024.26	2030.98	2013.19	2022.81	0.44	ppb
Molybdenum	97-1	2041.18	2035.35	2029.45	2035.33	0.29	ppb
Molybdenum	98-1	2038.30	2052.24	2034.89	2041.81	0.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1262.37	1278.63	1279.41	1273.47	0.76	ppb
Phosphorus	31-2	-12.24	-4.02	-10.03	-8.76		ppb
Potassium	39-2	27709.94	28015.22	28010.97	27912.04	0.63	ppb
Rhodium	103-1				75		%
Rhodium	103-2				72		%
Scandium	45-1				78		%
Scandium	45-2				76		%
Selenium	77-2	379.46	381.96	376.22	379.22	0.76	ppb
Selenium	78-2	360.24	363.87	359.26	361.12	0.67	ppb
Selenium	82-1	371.63	369.95	369.32	370.30	0.32	ppb
Silicon	28-1	10572.47	10600.30	10650.36	10607.71	0.37	ppb
Silver	109-1	456.27	452.79	455.09	454.72	0.39	ppb
Silver	107-1	452.86	454.58	456.61	454.68	0.41	ppb
Sodium	23-2	318301.59	320945.94	320006.56	319751.36	0.42	ppb
Strontium	86-1	686.89	684.01	678.83	683.24	0.60	ppb
Strontium	88-1	671.26	675.45	669.36	672.02	0.46	ppb
Sulfur	34-1	94992.58	94385.55	95085.81	94821.31	0.40	ppb
Terbium	159-1				90		%
Terbium	159-2				83		%
Thallium	203-1	518.67	519.13	517.42	518.41	0.17	ppb
Thallium	205-1	520.31	515.10	515.50	516.97	0.56	ppb
Thorium	232-1	0.05	0.04	0.04	0.04	10.26	ppb
Tin	118-1	465.98	468.48	470.14	468.20	0.45	ppb
Titanium	47-1	2480.64	2479.37	2491.88	2483.96	0.28	ppb
Uranium	238-1	538.15	538.50	540.67	539.10	0.25	ppb
Vanadium	51-2	508.93	517.38	513.66	513.33	0.82	ppb
Yttrium	89-1				103		%
Yttrium	89-2				97		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-13	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 16:25:26	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1462.91	1487.59	1486.90	1479.13	0.95	ppb
Zirconium	90-1	413.20	412.76	409.58	411.85	0.48	ppb
Zirconium	91-1	420.06	417.90	414.43	417.46	0.68	ppb

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : K1079-14 Instrumnet Name : P7
 Client Sample ID : EPA-MW-39-OB-010720 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 16:29:11 DataFile Name : 035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10683.02	10819.16	10785.25	10762.48	0.66	ppb
Antimony	121-1	464.18	465.17	461.17	463.51	0.45	ppb
Arsenic	75-2	379.04	374.28	375.70	376.34	0.65	ppb
Barium	135-1	2545.05	2536.01	2491.57	2524.21	1.13	ppb
Barium	137-1	2536.15	2527.20	2513.05	2525.46	0.46	ppb
Beryllium	9-1	453.48	448.12	447.70	449.76	0.72	ppb
Bismuth	209-1				77		%
Bismuth	209-2				69		%
Boron	10-1	2707.23	2721.22	2732.31	2720.25	0.46	ppb
Boron	11-1	2743.35	2749.55	2772.01	2754.97	0.55	ppb
Cadmium	111-1	751.47	742.37	734.46	742.77	1.15	ppb
Cadmium	106-1	675.11	664.02	666.09	668.41	0.88	ppb
Cadmium	108-1	699.70	683.52	686.97	690.06	1.23	ppb
Calcium	43-1	139173.83	140196.66	140109.96	139826.82	0.41	ppb
Calcium	44-1	139778.19	140474.25	139080.27	139777.57	0.50	ppb
Chromium	52-2	43720.28	44306.02	44027.77	44018.02	0.67	ppb
Cobalt	59-2	533.45	546.47	540.97	540.30	1.21	ppb
Copper	63-2	2319.45	2352.80	2343.49	2338.58	0.74	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				91		%
Holmium	165-2				83		%
Indium	115-1				80		%
Indium	115-2				75		%
Iron	56-2	26533.46	27036.18	26822.30	26797.31	0.94	ppb
Iron	57-2	26339.88	26974.07	26761.94	26691.96	1.21	ppb
Krypton	83-1						cps
Lead	206-1	519.69	513.31	514.14	515.71	0.67	ppb
Lead	207-1	501.64	498.02	490.17	496.61	1.18	ppb
Lead	208-1	509.00	504.62	502.01	505.21	0.70	ppb
Lithium	6-1				74		%
Magnesium	24-2	69158.70	70137.58	69361.62	69552.63	0.74	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-14	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 16:29:11	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8845.66	8846.77	8853.65	8848.69	0.05	ppb
Molybdenum	94-1	2014.66	2030.68	2016.07	2020.47	0.44	ppb
Molybdenum	95-1	2014.63	2043.00	2010.89	2022.84	0.87	ppb
Molybdenum	96-1	2003.51	2029.80	2015.50	2016.27	0.65	ppb
Molybdenum	97-1	2025.39	2056.83	2013.47	2031.90	1.10	ppb
Molybdenum	98-1	2023.46	2043.61	2020.85	2029.31	0.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1266.00	1288.72	1279.35	1278.02	0.89	ppb
Phosphorus	31-2	-17.31	-13.75	-10.80	-13.95		ppb
Potassium	39-2	27435.58	27721.79	27971.60	27709.66	0.97	ppb
Rhodium	103-1				75		%
Rhodium	103-2				72		%
Scandium	45-1				77		%
Scandium	45-2				75		%
Selenium	77-2	392.76	366.64	361.77	373.72	4.46	ppb
Selenium	78-2	367.95	361.40	357.32	362.22	1.48	ppb
Selenium	82-1	371.41	371.88	367.71	370.33	0.62	ppb
Silicon	28-1	10571.04	10548.41	10514.88	10544.77	0.27	ppb
Silver	109-1	457.99	454.09	454.48	455.52	0.47	ppb
Silver	107-1	456.61	449.82	454.22	453.55	0.76	ppb
Sodium	23-2	316094.01	320375.42	318105.49	318191.64	0.67	ppb
Strontium	86-1	685.43	687.16	676.15	682.91	0.87	ppb
Strontium	88-1	675.86	672.26	674.20	674.10	0.27	ppb
Sulfur	34-1	94894.37	94588.38	93691.41	94391.39	0.66	ppb
Terbium	159-1				90		%
Terbium	159-2				83		%
Thallium	203-1	525.41	521.30	512.76	519.82	1.24	ppb
Thallium	205-1	523.21	515.58	516.22	518.34	0.82	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	8.99	ppb
Tin	118-1	465.54	465.61	464.38	465.18	0.15	ppb
Titanium	47-1	2477.53	2476.66	2465.30	2473.16	0.28	ppb
Uranium	238-1	544.78	535.34	536.91	539.01	0.94	ppb
Vanadium	51-2	509.07	511.51	513.67	511.42	0.45	ppb
Yttrium	89-1				102		%
Yttrium	89-2				97		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-14	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 16:29:11	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1462.33	1489.95	1486.02	1479.43	1.01	ppb
Zirconium	90-1	410.27	411.62	410.36	410.75	0.18	ppb
Zirconium	91-1	417.37	420.05	410.68	416.03	1.16	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-12A	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 16:32:55	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10991.85	10735.49	10694.01	10807.12	1.49	ppb
Antimony	121-1	465.34	467.77	465.25	466.12	0.31	ppb
Arsenic	75-2	379.81	377.25	374.56	377.21	0.70	ppb
Barium	135-1	2532.50	2547.37	2540.96	2540.28	0.29	ppb
Barium	137-1	2550.64	2564.60	2554.11	2556.45	0.28	ppb
Beryllium	9-1	452.79	451.72	450.95	451.82	0.20	ppb
Bismuth	209-1				77		%
Bismuth	209-2				69		%
Boron	10-1	2684.27	2723.82	2751.94	2720.01	1.25	ppb
Boron	11-1	2764.49	2781.10	2817.02	2787.54	0.96	ppb
Cadmium	111-1	741.12	747.77	743.91	744.27	0.45	ppb
Cadmium	106-1	673.04	670.46	662.67	668.72	0.81	ppb
Cadmium	108-1	691.69	695.02	692.58	693.10	0.25	ppb
Calcium	43-1	142156.24	140484.16	142955.45	141865.28	0.89	ppb
Calcium	44-1	142164.86	140415.02	141279.67	141286.52	0.62	ppb
Chromium	52-2	44601.46	44086.29	44071.17	44252.97	0.68	ppb
Cobalt	59-2	544.30	542.01	538.73	541.68	0.52	ppb
Copper	63-2	2383.58	2344.50	2344.10	2357.39	0.96	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				91		%
Holmium	165-2				83		%
Indium	115-1				79		%
Indium	115-2				74		%
Iron	56-2	27438.60	27254.91	27157.23	27283.58	0.52	ppb
Iron	57-2	27062.78	26949.66	27043.95	27018.80	0.22	ppb
Krypton	83-1						cps
Lead	206-1	518.99	524.77	521.80	521.85	0.55	ppb
Lead	207-1	502.82	508.68	505.18	505.56	0.58	ppb
Lead	208-1	513.26	517.33	513.45	514.68	0.45	ppb
Lithium	6-1				73		%
Magnesium	24-2	70677.08	70072.51	70626.45	70458.68	0.48	ppb

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : K1079-12A Instrumnet Name : P7
 Client Sample ID : EPA-MW-39-OB-010720 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 16:32:55 DataFile Name : 036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8995.97	8954.08	8850.40	8933.48	0.84	ppb
Molybdenum	94-1	2060.82	2050.28	2048.21	2053.10	0.33	ppb
Molybdenum	95-1	2045.88	2026.37	2034.51	2035.59	0.48	ppb
Molybdenum	96-1	2053.21	2028.60	2052.57	2044.79	0.69	ppb
Molybdenum	97-1	2066.54	2035.76	2040.09	2047.46	0.81	ppb
Molybdenum	98-1	2088.63	2046.10	2046.32	2060.35	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1291.40	1277.07	1276.53	1281.66	0.66	ppb
Phosphorus	31-2	-9.88	-13.67	-5.13	-9.56		ppb
Potassium	39-2	28034.43	27900.01	27692.94	27875.79	0.62	ppb
Rhodium	103-1				75		%
Rhodium	103-2				71		%
Scandium	45-1				76		%
Scandium	45-2				74		%
Selenium	77-2	374.64	384.16	386.00	381.60	1.60	ppb
Selenium	78-2	365.87	363.87	359.93	363.23	0.83	ppb
Selenium	82-1	375.42	365.99	371.98	371.13	1.29	ppb
Silicon	28-1	10596.84	10551.90	10607.49	10585.41	0.28	ppb
Silver	109-1	449.47	456.34	454.35	453.39	0.78	ppb
Silver	107-1	453.67	455.77	451.60	453.68	0.46	ppb
Sodium	23-2	322222.01	317627.97	318658.99	319502.99	0.75	ppb
Strontium	86-1	694.56	685.21	689.03	689.60	0.68	ppb
Strontium	88-1	676.98	677.99	682.42	679.13	0.43	ppb
Sulfur	34-1	95552.13	94466.33	95199.90	95072.79	0.58	ppb
Terbium	159-1				90		%
Terbium	159-2				82		%
Thallium	203-1	529.19	529.13	526.11	528.14	0.33	ppb
Thallium	205-1	525.50	534.76	527.99	529.42	0.90	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	1.58	ppb
Tin	118-1	462.89	468.25	467.06	466.07	0.60	ppb
Titanium	47-1	2505.38	2502.18	2516.99	2508.18	0.31	ppb
Uranium	238-1	542.72	555.66	550.26	549.55	1.18	ppb
Vanadium	51-2	517.04	515.24	517.30	516.53	0.22	ppb
Yttrium	89-1				102		%
Yttrium	89-2				96		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-12A	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 16:32:55	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1494.22	1476.48	1482.73	1484.48	0.61	ppb
Zirconium	90-1	412.38	413.71	412.11	412.73	0.21	ppb
Zirconium	91-1	423.46	418.96	421.16	421.19	0.53	ppb

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : K1079-16 Instrumnet Name : P7
 Client Sample ID : EPA-MW-40-OB-010720 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 16:36:40 DataFile Name : 037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.80	10.20	8.99	9.66	6.38	ppb
Antimony	121-1	1.89	2.14	2.27	2.10	9.27	ppb
Arsenic	75-2	2.17	2.40	2.13	2.23	6.56	ppb
Barium	135-1	114.91	115.80	116.01	115.57	0.50	ppb
Barium	137-1	117.39	115.94	116.95	116.76	0.64	ppb
Beryllium	9-1	0.09	0.09	0.09	0.09	2.48	ppb
Bismuth	209-1				68		%
Bismuth	209-2				61		%
Boron	10-1	3829.71	3864.69	3878.21	3857.54	0.65	ppb
Boron	11-1	3932.10	3963.74	4024.41	3973.42	1.18	ppb
Cadmium	111-1	0.14	0.17	0.10	0.13	23.59	ppb
Cadmium	106-1	-0.04	0.36	-0.03	0.10	234.91	ppb
Cadmium	108-1	0.41	0.39	0.41	0.40	2.39	ppb
Calcium	43-1	79007.28	78015.27	77730.12	78250.89	0.86	ppb
Calcium	44-1	76714.82	76523.91	76955.47	76731.40	0.28	ppb
Chromium	52-2	113.45	113.59	113.13	113.39	0.21	ppb
Cobalt	59-2	4.25	4.32	4.34	4.31	1.09	ppb
Copper	63-2	10.46	10.54	10.61	10.54	0.72	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				84		%
Holmium	165-2				78		%
Indium	115-1				74		%
Indium	115-2				71		%
Iron	56-2	17901.39	17854.21	17843.85	17866.48	0.17	ppb
Iron	57-2	17651.55	17574.89	17478.59	17568.34	0.49	ppb
Krypton	83-1						cps
Lead	206-1	0.40	0.40	0.40	0.40	0.51	ppb
Lead	207-1	0.38	0.34	0.37	0.36	5.81	ppb
Lead	208-1	0.39	0.37	0.37	0.38	2.70	ppb
Lithium	6-1				70		%
Magnesium	24-2	65030.55	65027.73	64891.30	64983.19	0.12	ppb

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : K1079-16 Instrumnet Name : P7
 Client Sample ID : EPA-MW-40-OB-010720 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 16:36:40 DataFile Name : 037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	10172.28	10138.91	10135.94	10149.04	0.20	ppb
Molybdenum	94-1	2.73	2.61	2.60	2.65	2.74	ppb
Molybdenum	95-1	3.69	3.59	3.45	3.57	3.32	ppb
Molybdenum	96-1	3.44	3.57	3.43	3.48	2.28	ppb
Molybdenum	97-1	3.59	3.49	3.48	3.52	1.68	ppb
Molybdenum	98-1	3.46	3.51	3.35	3.44	2.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.52	12.71	12.68	12.64	0.80	ppb
Phosphorus	31-2	964.73	950.94	892.36	936.01	4.11	ppb
Potassium	39-2	9753.44	9692.50	9841.83	9762.59	0.77	ppb
Rhodium	103-1				68		%
Rhodium	103-2				66		%
Scandium	45-1				74		%
Scandium	45-2				72		%
Selenium	77-2	4.29	2.47	3.33	3.36	27.18	ppb
Selenium	78-2	0.81	1.72	0.51	1.01	62.49	ppb
Selenium	82-1	-0.96	-1.35	-4.06	-2.13		ppb
Silicon	28-1	23141.81	23015.77	22960.40	23039.32	0.40	ppb
Silver	109-1	0.10	0.08	0.08	0.09	13.18	ppb
Silver	107-1	0.09	0.08	0.09	0.08	4.88	ppb
Sodium	23-2	1063761.39	1056218.24	1063894.65	1061291.43	0.41	ppb
Strontium	86-1	1000.24	1008.80	1004.97	1004.67	0.43	ppb
Strontium	88-1	984.65	990.15	990.58	988.46	0.33	ppb
Sulfur	34-1	19573.40	19391.37	19207.22	19390.66	0.94	ppb
Terbium	159-1				84		%
Terbium	159-2				78		%
Thallium	203-1	0.19	0.15	0.14	0.16	16.47	ppb
Thallium	205-1	0.19	0.16	0.15	0.17	14.77	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	8.28	ppb
Tin	118-1	2.89	2.79	2.70	2.80	3.36	ppb
Titanium	47-1	5.18	5.30	5.72	5.40	5.27	ppb
Uranium	238-1	0.78	0.78	0.77	0.77	1.07	ppb
Vanadium	51-2	1.86	1.79	1.76	1.80	2.98	ppb
Yttrium	89-1				77		%
Yttrium	89-2				74		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-16	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-40-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 16:36:40	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	10.38	10.09	10.57	10.35	2.33	ppb
Zirconium	90-1	0.26	0.22	0.23	0.24	8.06	ppb
Zirconium	91-1	0.23	0.22	0.20	0.22	5.76	ppb

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : K1079-18 Instrumnet Name : P7
 Client Sample ID : EPA-MW-41-EF-01DD20 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 16:40:20 DataFile Name : 038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.39	10.66	11.26	11.10	3.49	ppb
Antimony	121-1	2.48	2.33	2.32	2.38	3.70	ppb
Arsenic	75-2	1.92	2.03	1.97	1.97	2.88	ppb
Barium	135-1	220.30	215.50	216.16	217.32	1.20	ppb
Barium	137-1	221.69	219.24	216.19	219.04	1.26	ppb
Beryllium	9-1	0.07	0.05	0.06	0.06	14.39	ppb
Bismuth	209-1				72		%
Bismuth	209-2				63		%
Boron	10-1	9158.49	9193.98	9186.09	9179.52	0.20	ppb
Boron	11-1	9686.44	9678.74	9723.31	9696.16	0.25	ppb
Cadmium	111-1	0.24	0.19	0.17	0.20	18.41	ppb
Cadmium	106-1	0.43	-0.17	-0.34	-0.02		ppb
Cadmium	108-1	0.39	0.25	0.35	0.33	22.14	ppb
Calcium	43-1	425041.71	417569.09	419389.49	420666.76	0.93	ppb
Calcium	44-1	422737.35	419342.92	421616.30	421232.19	0.41	ppb
Chromium	52-2	619.14	621.67	626.18	622.33	0.57	ppb
Cobalt	59-2	13.45	13.58	13.42	13.49	0.64	ppb
Copper	63-2	8.77	9.04	9.08	8.96	1.86	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				91		%
Holmium	165-2				83		%
Indium	115-1				82		%
Indium	115-2				76		%
Iron	56-2	8603.00	8568.07	8555.47	8575.51	0.29	ppb
Iron	57-2	9192.70	9255.00	9250.27	9232.66	0.38	ppb
Krypton	83-1						cps
Lead	206-1	0.62	0.59	0.57	0.59	4.98	ppb
Lead	207-1	0.54	0.54	0.54	0.54	0.39	ppb
Lead	208-1	0.58	0.58	0.56	0.57	1.61	ppb
Lithium	6-1				80		%
Magnesium	24-2	180313.88	180313.35	180649.49	180425.58	0.11	ppb

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : K1079-18 Instrumnet Name : P7
 Client Sample ID : EPA-MW-41-EF-01DD20 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 16:40:20 DataFile Name : 038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	16638.15	16596.55	16592.06	16608.92	0.15	ppb
Molybdenum	94-1	2.33	2.31	2.26	2.30	1.68	ppb
Molybdenum	95-1	1.28	1.30	1.37	1.32	3.29	ppb
Molybdenum	96-1	1.30	1.33	1.25	1.29	2.76	ppb
Molybdenum	97-1	1.19	1.16	1.10	1.15	3.74	ppb
Molybdenum	98-1	1.10	1.11	1.11	1.11	0.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.38	27.96	28.23	28.19	0.76	ppb
Phosphorus	31-2	-6.29	4.74	6.68	1.71	409.68	ppb
Potassium	39-2	7670.99	7676.17	7658.18	7668.45	0.12	ppb
Rhodium	103-1				75		%
Rhodium	103-2				70		%
Scandium	45-1				84		%
Scandium	45-2				79		%
Selenium	77-2	1.87	2.27	2.72	2.29	18.72	ppb
Selenium	78-2	0.11	0.20	0.16	0.16	30.05	ppb
Selenium	82-1	-1.40	-0.89	-1.04	-1.11		ppb
Silicon	28-1	26898.50	26260.43	26455.76	26538.23	1.23	ppb
Silver	109-1	0.06	0.06	0.05	0.06	6.41	ppb
Silver	107-1	0.07	0.06	0.07	0.06	7.20	ppb
Sodium	23-2	616814.14	615730.46	618532.12	617025.58	0.23	ppb
Strontium	86-1	2900.41	2830.65	2844.26	2858.44	1.29	ppb
Strontium	88-1	2891.05	2861.27	2866.80	2873.04	0.55	ppb
Sulfur	34-1	2425.91	2217.06	2234.75	2292.57	5.05	ppb
Terbium	159-1				91		%
Terbium	159-2				82		%
Thallium	203-1	0.10	0.07	0.08	0.08	21.09	ppb
Thallium	205-1	0.09	0.08	0.08	0.09	9.88	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	21.10	ppb
Tin	118-1	1.41	1.41	1.45	1.42	1.55	ppb
Titanium	47-1	5.62	7.12	9.21	7.32	24.64	ppb
Uranium	238-1	1.31	1.28	1.27	1.29	1.73	ppb
Vanadium	51-2	1.97	2.04	1.99	2.00	1.74	ppb
Yttrium	89-1				86		%
Yttrium	89-2				80		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-18	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-41-EF-01DD20	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 16:40:20	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	13.72	14.05	13.74	13.84	1.32	ppb
Zirconium	90-1	1.03	1.06	1.01	1.03	2.45	ppb
Zirconium	91-1	1.08	1.07	1.10	1.08	1.52	ppb

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : K1079-20 Instrumnet Name : P7
 Client Sample ID : EPA-MW-41-OB-010720 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 16:44:05 DataFile Name : 039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	368.82	358.76	365.11	364.23	1.40	ppb
Antimony	121-1	2.18	2.10	2.12	2.13	1.95	ppb
Arsenic	75-2	0.55	0.71	0.68	0.65	13.24	ppb
Barium	135-1	10.30	10.36	9.91	10.19	2.40	ppb
Barium	137-1	10.39	10.22	10.01	10.21	1.91	ppb
Beryllium	9-1	0.16	0.14	0.18	0.16	12.51	ppb
Bismuth	209-1				78		%
Bismuth	209-2				69		%
Boron	10-1	3418.53	3413.55	3439.36	3423.81	0.40	ppb
Boron	11-1	3549.01	3530.98	3596.89	3558.96	0.96	ppb
Cadmium	111-1	3.99	3.97	3.83	3.93	2.33	ppb
Cadmium	106-1	2.75	2.41	2.04	2.40	14.70	ppb
Cadmium	108-1	3.56	3.65	3.40	3.54	3.63	ppb
Calcium	43-1	67129.24	66850.32	66703.30	66894.28	0.32	ppb
Calcium	44-1	66152.87	66615.77	66216.16	66328.27	0.38	ppb
Chromium	52-2	58969.98	58414.55	58615.36	58666.63	0.48	ppb
Cobalt	59-2	10.83	10.53	10.79	10.72	1.55	ppb
Copper	63-2	1003.49	1001.82	1013.77	1006.36	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				82		%
Indium	115-1				82		%
Indium	115-2				75		%
Iron	56-2	115.40	114.47	114.49	114.79	0.46	ppb
Iron	57-2	258.50	260.87	262.70	260.69	0.81	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.15	0.14	0.14	3.26	ppb
Lead	207-1	0.12	0.13	0.12	0.12	4.17	ppb
Lead	208-1	0.14	0.13	0.12	0.13	5.61	ppb
Lithium	6-1				74		%
Magnesium	24-2	28325.11	27925.86	27971.68	28074.22	0.78	ppb

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : K1079-20 Instrumnet Name : P7
 Client Sample ID : EPA-MW-41-OB-010720 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 16:44:05 DataFile Name : 039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3343.06	3306.89	3321.36	3323.77	0.55	ppb
Molybdenum	94-1	1.47	1.52	1.47	1.49	2.13	ppb
Molybdenum	95-1	1.53	1.50	1.44	1.49	2.81	ppb
Molybdenum	96-1	1.38	1.35	1.35	1.36	1.12	ppb
Molybdenum	97-1	1.43	1.41	1.51	1.45	3.77	ppb
Molybdenum	98-1	1.38	1.42	1.37	1.39	1.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	66.96	67.05	66.90	66.97	0.11	ppb
Phosphorus	31-2	-6.89	-13.13	-19.05	-13.02		ppb
Potassium	39-2	3243.03	3183.78	3196.44	3207.75	0.97	ppb
Rhodium	103-1				77		%
Rhodium	103-2				72		%
Scandium	45-1				79		%
Scandium	45-2				73		%
Selenium	77-2	3.03	2.40	1.74	2.39	26.95	ppb
Selenium	78-2	0.79	0.66	0.73	0.72	8.56	ppb
Selenium	82-1	15.55	16.68	16.69	16.31	4.00	ppb
Silicon	28-1	16736.22	16840.53	16891.17	16822.64	0.47	ppb
Silver	109-1	0.14	0.12	0.12	0.13	10.11	ppb
Silver	107-1	0.14	0.13	0.12	0.13	7.57	ppb
Sodium	23-2	333644.42	328306.13	326443.82	329464.79	1.13	ppb
Strontium	86-1	411.16	412.78	407.65	410.53	0.64	ppb
Strontium	88-1	410.81	410.48	408.48	409.92	0.31	ppb
Sulfur	34-1	30689.34	30965.45	30966.63	30873.81	0.52	ppb
Terbium	159-1				90		%
Terbium	159-2				81		%
Thallium	203-1	0.07	0.06	0.06	0.06	12.58	ppb
Thallium	205-1	0.07	0.06	0.05	0.06	13.32	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	24.13	ppb
Tin	118-1	1.15	1.13	1.11	1.13	1.74	ppb
Titanium	47-1	2.53	2.76	2.37	2.55	7.74	ppb
Uranium	238-1	0.74	0.73	0.71	0.72	2.09	ppb
Vanadium	51-2	0.50	0.53	0.49	0.50	4.18	ppb
Yttrium	89-1				83		%
Yttrium	89-2				76		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-20	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-41-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 16:44:05	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	100.07	98.00	98.62	98.90	1.07	ppb
Zirconium	90-1	0.33	0.32	0.33	0.33	1.57	ppb
Zirconium	91-1	0.31	0.32	0.32	0.32	1.64	ppb

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : K1104-07DLX5 Instrumnet Name : P7
 Client Sample ID : EPA-MW-37-BR-0109201 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-18 16:47:47 DataFile Name : 040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.36	0.26	0.62	0.41	44.10	ppb
Antimony	121-1	0.39	0.36	0.32	0.36	10.07	ppb
Arsenic	75-2	0.15	0.15	0.15	0.15	3.02	ppb
Barium	135-1	38.53	37.59	38.22	38.11	1.26	ppb
Barium	137-1	38.42	38.49	38.23	38.38	0.35	ppb
Beryllium	9-1	0.04	0.03	0.03	0.03	13.68	ppb
Bismuth	209-1				91		%
Bismuth	209-2				84		%
Boron	10-1	176.95	167.25	158.01	167.40	5.66	ppb
Boron	11-1	183.21	170.03	161.64	171.63	6.33	ppb
Cadmium	111-1	0.06	0.00	0.01	0.02	143.51	ppb
Cadmium	106-1	0.36	-0.20	-0.08	0.02	1171.58	ppb
Cadmium	108-1	0.01	0.05	0.00	0.02	130.05	ppb
Calcium	43-1	18209.32	18256.67	17949.69	18138.56	0.91	ppb
Calcium	44-1	18086.21	18121.56	18104.50	18104.09	0.10	ppb
Chromium	52-2	372.57	365.94	372.22	370.24	1.01	ppb
Cobalt	59-2	0.02	0.03	0.02	0.02	8.60	ppb
Copper	63-2	1.96	1.92	1.88	1.92	2.10	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				94		%
Holmium	165-2				88		%
Indium	115-1				90		%
Indium	115-2				85		%
Iron	56-2	3.55	3.49	3.44	3.49	1.55	ppb
Iron	57-2	40.90	44.18	44.27	43.12	4.46	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.03	0.03	9.95	ppb
Lead	207-1	0.02	0.02	0.02	0.02	15.61	ppb
Lead	208-1	0.03	0.03	0.03	0.03	2.17	ppb
Lithium	6-1				76		%
Magnesium	24-2	4168.21	4154.98	4191.35	4171.51	0.44	ppb

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : K1104-07DLX5 Instrumnet Name : P7
 Client Sample ID : EPA-MW-37-BR-0109201 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-18 16:47:47 DataFile Name : 040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.34	0.29	0.29	0.31	8.50	ppb
Molybdenum	94-1	0.08	0.06	0.05	0.06	27.16	ppb
Molybdenum	95-1	0.11	0.11	0.09	0.10	8.65	ppb
Molybdenum	96-1	0.09	0.10	0.11	0.10	11.39	ppb
Molybdenum	97-1	0.11	0.09	0.12	0.11	16.43	ppb
Molybdenum	98-1	0.10	0.10	0.10	0.10	3.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.46	0.50	0.55	0.50	9.13	ppb
Phosphorus	31-2	-27.69	-26.37	-26.94	-27.00		ppb
Potassium	39-2	331.51	328.74	327.70	329.32	0.60	ppb
Rhodium	103-1				87		%
Rhodium	103-2				83		%
Scandium	45-1				81		%
Scandium	45-2				78		%
Selenium	77-2	1.01	0.81	0.20	0.67	62.68	ppb
Selenium	78-2	-0.03	0.07	0.29	0.11	153.26	ppb
Selenium	82-1	1.76	1.88	1.34	1.66	17.18	ppb
Silicon	28-1	1296.19	1319.74	1319.80	1311.91	1.04	ppb
Silver	109-1	0.03	0.03	0.03	0.03	9.32	ppb
Silver	107-1	0.03	0.02	0.02	0.02	10.93	ppb
Sodium	23-2	14245.92	14085.33	14142.16	14157.80	0.58	ppb
Strontium	86-1	28.61	28.03	28.13	28.26	1.10	ppb
Strontium	88-1	28.55	28.20	28.18	28.31	0.74	ppb
Sulfur	34-1	674.29	801.98	816.86	764.38	10.25	ppb
Terbium	159-1				94		%
Terbium	159-2				88		%
Thallium	203-1	0.02	0.02	0.02	0.02	6.76	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	12.10	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	170.56	ppb
Tin	118-1	0.05	0.06	0.07	0.06	20.30	ppb
Titanium	47-1	0.31	0.26	0.25	0.27	12.16	ppb
Uranium	238-1	0.05	0.05	0.05	0.05	0.90	ppb
Vanadium	51-2	0.28	0.26	0.28	0.27	2.74	ppb
Yttrium	89-1				87		%
Yttrium	89-2				83		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1104-07DLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-37-BR-0109201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-18 16:47:47	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.56	1.57	1.37	1.50	7.46	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	73.82	ppb
Zirconium	91-1	0.01	0.02	0.00	0.01	77.92	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P7
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 16:52:26	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50996.63	51032.16	51000.22	51009.67	0.04	ppb
Antimony	121-1	462.80	463.38	464.50	463.56	0.19	ppb
Arsenic	75-2	456.73	457.81	460.51	458.35	0.42	ppb
Barium	135-1	2417.40	2424.65	2420.08	2420.71	0.15	ppb
Barium	137-1	2443.82	2434.02	2448.42	2442.09	0.30	ppb
Beryllium	9-1	481.73	478.23	481.09	480.35	0.39	ppb
Bismuth	209-1				75		%
Bismuth	209-2				69		%
Boron	10-1	553.99	552.87	551.09	552.65	0.26	ppb
Boron	11-1	555.12	555.93	555.56	555.54	0.07	ppb
Cadmium	111-1	454.67	453.72	448.82	452.40	0.69	ppb
Cadmium	106-1	447.08	446.01	444.36	445.82	0.31	ppb
Cadmium	108-1	457.44	447.30	447.81	450.85	1.27	ppb
Calcium	43-1	240126.11	239671.48	237901.72	239233.10	0.49	ppb
Calcium	44-1	240134.08	238529.90	238829.48	239164.49	0.36	ppb
Chromium	52-2	510.58	513.90	511.06	511.84	0.35	ppb
Cobalt	59-2	501.80	509.55	499.89	503.75	1.01	ppb
Copper	63-2	969.21	975.52	968.41	971.05	0.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				84		%
Indium	115-1				78		%
Indium	115-2				77		%
Iron	56-2	128228.79	128529.43	128304.76	128354.32	0.12	ppb
Iron	57-2	127624.12	129028.41	127207.72	127953.41	0.75	ppb
Krypton	83-1						cps
Lead	206-1	526.67	522.84	517.81	522.44	0.85	ppb
Lead	207-1	527.05	519.78	512.76	519.86	1.37	ppb
Lead	208-1	525.36	521.97	515.47	520.93	0.97	ppb
Lithium	6-1				70		%
Magnesium	24-2	248989.28	250777.73	248803.36	249523.46	0.44	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P7
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 16:52:26	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1005.39	1012.59	1002.09	1006.69	0.53	ppb
Molybdenum	94-1	2501.36	2531.83	2515.38	2516.19	0.61	ppb
Molybdenum	95-1	2516.45	2511.00	2504.69	2510.71	0.23	ppb
Molybdenum	96-1	2504.43	2495.20	2507.05	2502.23	0.25	ppb
Molybdenum	97-1	2521.92	2530.14	2521.55	2524.54	0.19	ppb
Molybdenum	98-1	2525.37	2530.72	2522.24	2526.11	0.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.25	503.33	492.45	497.01	1.14	ppb
Phosphorus	31-2	9435.70	9419.59	9462.44	9439.25	0.23	ppb
Potassium	39-2	118151.62	119855.57	117291.85	118433.02	1.10	ppb
Rhodium	103-1				72		%
Rhodium	103-2				71		%
Scandium	45-1				76		%
Scandium	45-2				77		%
Selenium	77-2	452.56	442.12	445.04	446.58	1.21	ppb
Selenium	78-2	449.46	443.04	446.34	446.28	0.72	ppb
Selenium	82-1	460.69	457.40	456.24	458.11	0.50	ppb
Silicon	28-1	488.34	489.00	493.29	490.21	0.55	ppb
Silver	109-1	445.74	443.62	443.18	444.18	0.31	ppb
Silver	107-1	445.72	440.34	445.49	443.85	0.69	ppb
Sodium	23-2	243895.13	247374.37	243456.79	244908.77	0.88	ppb
Strontium	86-1	514.67	509.24	508.45	510.79	0.66	ppb
Strontium	88-1	505.62	506.69	504.89	505.73	0.18	ppb
Sulfur	34-1	9100.21	8916.68	8933.09	8983.33	1.13	ppb
Terbium	159-1				88		%
Terbium	159-2				83		%
Thallium	203-1	526.47	527.27	522.76	525.50	0.46	ppb
Thallium	205-1	530.67	526.46	522.66	526.60	0.76	ppb
Thorium	232-1	542.39	546.33	536.75	541.82	0.89	ppb
Tin	118-1	477.28	474.76	475.72	475.92	0.27	ppb
Titanium	47-1	2501.07	2495.59	2509.46	2502.04	0.28	ppb
Uranium	238-1	550.33	548.40	545.14	547.96	0.48	ppb
Vanadium	51-2	511.95	514.26	507.79	511.33	0.64	ppb
Yttrium	89-1				81		%
Yttrium	89-2				79		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P7
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 16:52:26	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1002.32	1010.07	995.99	1002.80	0.70	ppb
Zirconium	90-1	506.81	507.29	503.32	505.81	0.43	ppb
Zirconium	91-1	510.18	509.54	507.33	509.02	0.29	ppb

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : CCB76 Instrumnet Name : P7
 Client Sample ID : CCB76 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 17:07:52 DataFile Name : 042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.34	0.46	0.67	0.49	33.97	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	8.01	ppb
Arsenic	75-2	0.01	0.01	0.00	0.01	83.94	ppb
Barium	135-1	0.02	0.01	0.03	0.02	39.75	ppb
Barium	137-1	0.02	0.02	0.02	0.02	3.44	ppb
Beryllium	9-1	0.02	0.03	0.02	0.02	36.91	ppb
Bismuth	209-1				91		%
Bismuth	209-2				88		%
Boron	10-1	31.35	30.59	30.34	30.76	1.71	ppb
Boron	11-1	31.39	31.64	30.76	31.26	1.45	ppb
Cadmium	111-1	-0.02	-0.02	-0.03	-0.02		ppb
Cadmium	106-1	-0.53	-0.41	-0.62	-0.52		ppb
Cadmium	108-1	0.00	0.00	0.02	0.01	141.45	ppb
Calcium	43-1	2.18	3.59	2.18	2.65	30.66	ppb
Calcium	44-1	3.28	3.42	3.59	3.43	4.41	ppb
Chromium	52-2	0.91	0.91	0.82	0.88	5.81	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	385.84	ppb
Copper	63-2	0.32	0.32	0.35	0.33	4.83	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				92		%
Holmium	165-2				90		%
Indium	115-1				90		%
Indium	115-2				87		%
Iron	56-2	1.18	1.28	1.31	1.26	5.12	ppb
Iron	57-2	1.28	1.02	1.17	1.16	11.22	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.03	0.03	0.03	17.39	ppb
Lead	207-1	0.03	0.02	0.02	0.02	24.72	ppb
Lead	208-1	0.02	0.02	0.03	0.03	6.46	ppb
Lithium	6-1				78		%
Magnesium	24-2	2.04	2.65	2.33	2.34	12.93	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CCB76	Instrumnet Name :	P7
Client Sample ID :	CCB76	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 17:07:52	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.03	0.03	0.03	15.95	ppb
Molybdenum	94-1	0.03	0.03	0.04	0.04	19.92	ppb
Molybdenum	95-1	0.05	0.05	0.04	0.05	16.03	ppb
Molybdenum	96-1	0.04	0.04	0.05	0.05	12.66	ppb
Molybdenum	97-1	0.07	0.04	0.04	0.05	39.60	ppb
Molybdenum	98-1	0.04	0.05	0.04	0.04	10.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	0.01	0.01	28.00	ppb
Phosphorus	31-2	-29.76	-25.17	-22.18	-25.71		ppb
Potassium	39-2	4.98	4.22	4.92	4.71	8.96	ppb
Rhodium	103-1				88		%
Rhodium	103-2				87		%
Scandium	45-1				83		%
Scandium	45-2				81		%
Selenium	77-2	0.00	0.00	0.39	0.13	173.21	ppb
Selenium	78-2	-0.33	-0.28	-0.31	-0.31		ppb
Selenium	82-1	-0.02	0.07	0.04	0.03	143.93	ppb
Silicon	28-1	-0.82	-0.82	-0.86	-0.83		ppb
Silver	109-1	0.03	0.02	0.02	0.02	6.50	ppb
Silver	107-1	0.02	0.02	0.02	0.02	4.04	ppb
Sodium	23-2	32.29	30.66	31.44	31.46	2.59	ppb
Strontium	86-1	-0.02	0.00	-0.01	-0.01		ppb
Strontium	88-1	0.00	0.01	0.00	0.00	28.39	ppb
Sulfur	34-1	-843.56	-832.60	-814.49	-830.21		ppb
Terbium	159-1				92		%
Terbium	159-2				90		%
Thallium	203-1	0.01	0.02	0.01	0.01	24.90	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	11.10	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	6.81	ppb
Tin	118-1	0.02	0.01	0.01	0.01	34.02	ppb
Titanium	47-1	0.07	0.01	0.02	0.03	89.51	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	5.31	ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	40.21	ppb
Yttrium	89-1				87		%
Yttrium	89-2				85		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CCB76	Instrumnet Name :	P7
Client Sample ID :	CCB76	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 17:07:52	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.17	0.11	0.14	0.14	20.84	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	20.67	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	6.17	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-02DLX100	Instrumnet Name :	P7
Client Sample ID :	D-01072019-01-FFDL	Dilution Factor :	100
Date & Time Acquired ::	2019-01-18 17:11:28	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.77	6.77	7.01	6.85	2.05	ppb
Antimony	121-1	0.09	0.12	0.10	0.10	15.32	ppb
Arsenic	75-2	0.01	0.00	0.01	0.01	46.44	ppb
Barium	135-1	0.07	0.04	0.04	0.05	38.95	ppb
Barium	137-1	0.05	0.06	0.05	0.05	16.98	ppb
Beryllium	9-1	0.03	0.03	0.01	0.02	56.09	ppb
Bismuth	209-1				91		%
Bismuth	209-2				87		%
Boron	10-1	29.65	30.39	29.62	29.89	1.45	ppb
Boron	11-1	29.78	29.55	29.90	29.74	0.59	ppb
Cadmium	111-1	0.08	0.04	0.06	0.06	38.44	ppb
Cadmium	106-1	0.45	-0.17	0.04	0.11	289.77	ppb
Cadmium	108-1	0.04	0.04	0.07	0.05	33.44	ppb
Calcium	43-1	473.95	462.33	480.02	472.10	1.90	ppb
Calcium	44-1	476.83	478.03	474.89	476.58	0.33	ppb
Chromium	52-2	528.48	518.26	522.22	522.99	0.98	ppb
Cobalt	59-2	0.11	0.12	0.12	0.12	2.39	ppb
Copper	63-2	14.23	14.06	14.04	14.11	0.71	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				92		%
Holmium	165-2				90		%
Indium	115-1				90		%
Indium	115-2				87		%
Iron	56-2	7.40	7.35	7.04	7.26	2.71	ppb
Iron	57-2	10.00	8.32	9.37	9.23	9.17	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.04	0.03	0.04	13.80	ppb
Lead	207-1	0.03	0.02	0.02	0.03	27.43	ppb
Lead	208-1	0.03	0.03	0.03	0.03	9.99	ppb
Lithium	6-1				77		%
Magnesium	24-2	87.11	86.90	85.82	86.61	0.80	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-02DLX100	Instrumnet Name :	P7
Client Sample ID :	D-01072019-01-FFDL	Dilution Factor :	100
Date & Time Acquired ::	2019-01-18 17:11:28	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.97	8.90	8.76	8.88	1.21	ppb
Molybdenum	94-1	0.02	0.02	0.03	0.02	14.45	ppb
Molybdenum	95-1	0.01	0.01	0.02	0.02	37.52	ppb
Molybdenum	96-1	0.03	0.02	0.02	0.02	25.10	ppb
Molybdenum	97-1	0.01	0.01	0.01	0.01	45.98	ppb
Molybdenum	98-1	0.02	0.01	0.01	0.01	44.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	0.96	1.01	1.02	6.00	ppb
Phosphorus	31-2	-35.06	-26.66	-25.33	-29.02		ppb
Potassium	39-2	21.80	20.49	22.21	21.50	4.16	ppb
Rhodium	103-1				87		%
Rhodium	103-2				86		%
Scandium	45-1				83		%
Scandium	45-2				81		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.52	-0.38	-0.34	-0.42		ppb
Selenium	82-1	-0.18	0.06	0.01	-0.03		ppb
Silicon	28-1	390.36	392.29	390.08	390.91	0.31	ppb
Silver	109-1	0.02	0.02	0.02	0.02	6.23	ppb
Silver	107-1	0.02	0.02	0.02	0.02	8.87	ppb
Sodium	23-2	1937.43	1950.26	1933.65	1940.45	0.45	ppb
Strontium	86-1	0.40	0.40	0.37	0.39	3.61	ppb
Strontium	88-1	0.40	0.40	0.42	0.40	2.50	ppb
Sulfur	34-1	-732.03	-768.11	-878.05	-792.73		ppb
Terbium	159-1				92		%
Terbium	159-2				90		%
Thallium	203-1	0.01	0.01	0.01	0.01	30.92	ppb
Thallium	205-1	0.00	0.01	0.00	0.00	59.08	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	8.89	ppb
Tin	118-1	0.02	0.03	0.01	0.02	25.44	ppb
Titanium	47-1	0.08	0.10	0.12	0.10	20.03	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	43.09	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	27.40	ppb
Yttrium	89-1				88		%
Yttrium	89-2				85		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-02DLX100	Instrumnet Name :	P7
Client Sample ID :	D-01072019-01-FFDL	Dilution Factor :	100
Date & Time Acquired ::	2019-01-18 17:11:28	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.21	1.36	1.34	1.30	6.39	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	16.45	ppb
Zirconium	91-1	0.00	0.02	0.02	0.01	72.13	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-06DLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-29-BR-0107201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-18 17:15:04	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.58	0.41	0.54	0.51	17.22	ppb
Antimony	121-1	0.37	0.33	0.29	0.33	11.69	ppb
Arsenic	75-2	0.43	0.31	0.33	0.36	17.83	ppb
Barium	135-1	28.28	28.46	28.24	28.32	0.42	ppb
Barium	137-1	28.69	27.89	28.30	28.29	1.40	ppb
Beryllium	9-1	0.02	0.03	0.03	0.03	21.70	ppb
Bismuth	209-1				89		%
Bismuth	209-2				85		%
Boron	10-1	31.84	31.48	31.42	31.58	0.72	ppb
Boron	11-1	32.29	31.61	31.54	31.81	1.30	ppb
Cadmium	111-1	0.08	0.06	0.10	0.08	23.09	ppb
Cadmium	106-1	0.26	-0.15	0.58	0.23	159.86	ppb
Cadmium	108-1	0.04	0.06	0.04	0.05	23.97	ppb
Calcium	43-1	18060.19	17568.81	17334.73	17654.58	2.10	ppb
Calcium	44-1	17838.24	17278.04	17321.33	17479.20	1.78	ppb
Chromium	52-2	147.53	144.95	143.79	145.42	1.32	ppb
Cobalt	59-2	0.36	0.34	0.35	0.35	2.96	ppb
Copper	63-2	0.97	1.03	1.04	1.01	3.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				90		%
Indium	115-1				89		%
Indium	115-2				88		%
Iron	56-2	11.27	11.35	11.26	11.29	0.48	ppb
Iron	57-2	51.21	54.05	50.35	51.87	3.73	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.05	0.04	0.05	21.93	ppb
Lead	207-1	0.04	0.05	0.04	0.04	16.64	ppb
Lead	208-1	0.05	0.05	0.04	0.05	15.25	ppb
Lithium	6-1				77		%
Magnesium	24-2	3170.83	3190.75	3147.81	3169.80	0.68	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-06DLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-29-BR-0107201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-18 17:15:04	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	370.24	370.40	369.00	369.88	0.21	ppb
Molybdenum	94-1	0.11	0.09	0.13	0.11	15.56	ppb
Molybdenum	95-1	0.14	0.14	0.14	0.14	1.45	ppb
Molybdenum	96-1	0.13	0.11	0.13	0.12	7.28	ppb
Molybdenum	97-1	0.14	0.12	0.12	0.13	9.31	ppb
Molybdenum	98-1	0.12	0.13	0.12	0.12	4.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.79	1.77	1.72	1.76	2.08	ppb
Phosphorus	31-2	-32.11	-29.90	-32.95	-31.66		ppb
Potassium	39-2	344.53	343.41	349.17	345.70	0.88	ppb
Rhodium	103-1				85		%
Rhodium	103-2				85		%
Scandium	45-1				82		%
Scandium	45-2				81		%
Selenium	77-2	0.00	0.39	0.58	0.32	91.45	ppb
Selenium	78-2	0.01	-0.28	-0.19	-0.15		ppb
Selenium	82-1	0.43	0.68	0.71	0.61	25.24	ppb
Silicon	28-1	1293.23	1260.40	1252.28	1268.64	1.71	ppb
Silver	109-1	0.10	0.09	0.09	0.09	6.85	ppb
Silver	107-1	0.09	0.09	0.09	0.09	1.52	ppb
Sodium	23-2	17623.80	17567.95	17583.96	17591.90	0.16	ppb
Strontium	86-1	26.97	26.74	26.56	26.76	0.77	ppb
Strontium	88-1	27.27	26.63	27.00	26.97	1.19	ppb
Sulfur	34-1	472.12	428.12	352.86	417.70	14.44	ppb
Terbium	159-1				92		%
Terbium	159-2				90		%
Thallium	203-1	0.10	0.10	0.10	0.10	1.51	ppb
Thallium	205-1	0.10	0.09	0.09	0.10	4.40	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	22.38	ppb
Tin	118-1	0.06	0.06	0.04	0.05	23.04	ppb
Titanium	47-1	0.24	0.20	0.23	0.22	8.57	ppb
Uranium	238-1	0.07	0.06	0.06	0.07	5.13	ppb
Vanadium	51-2	0.13	0.15	0.14	0.14	9.10	ppb
Yttrium	89-1				87		%
Yttrium	89-2				86		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-06DLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-29-BR-0107201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-18 17:15:04	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.27	1.23	1.24	1.25	1.79	ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	19.05	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	34.09	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-08DLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-29-OB-010720	Dilution Factor :	100
Date & Time Acquired ::	2019-01-18 17:18:40	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.53	6.80	7.78	7.37	6.88	ppb
Antimony	121-1	0.10	0.12	0.10	0.11	6.67	ppb
Arsenic	75-2	0.04	0.01	0.02	0.02	58.45	ppb
Barium	135-1	0.07	0.06	0.05	0.06	12.04	ppb
Barium	137-1	0.06	0.04	0.05	0.05	18.22	ppb
Beryllium	9-1	0.01	0.01	0.03	0.02	47.02	ppb
Bismuth	209-1				92		%
Bismuth	209-2				86		%
Boron	10-1	24.57	23.32	22.47	23.46	4.50	ppb
Boron	11-1	24.16	23.49	23.29	23.65	1.94	ppb
Cadmium	111-1	0.07	0.08	0.04	0.06	34.20	ppb
Cadmium	106-1	0.17	0.22	-0.38	0.01	6085.31	ppb
Cadmium	108-1	0.06	0.06	0.00	0.04	85.14	ppb
Calcium	43-1	519.18	511.68	505.05	511.97	1.38	ppb
Calcium	44-1	520.95	514.74	509.93	515.21	1.07	ppb
Chromium	52-2	551.90	548.80	543.07	547.93	0.82	ppb
Cobalt	59-2	0.14	0.12	0.14	0.13	6.15	ppb
Copper	63-2	15.10	15.11	14.80	15.00	1.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				89		%
Indium	115-1				91		%
Indium	115-2				88		%
Iron	56-2	10.52	10.78	10.72	10.67	1.31	ppb
Iron	57-2	11.11	14.91	10.95	12.32	18.19	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.01	0.01	0.01	43.76	ppb
Lead	207-1	0.01	0.00	0.00	0.00	105.04	ppb
Lead	208-1	0.01	0.01	0.00	0.01	51.42	ppb
Lithium	6-1				76		%
Magnesium	24-2	92.92	93.81	95.09	93.94	1.16	ppb

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : K1079-08DLX100 Instrumnet Name : P7
 Client Sample ID : EPA-MW-29-OB-010720 Dilution Factor : 100
 Date & Time Acquired :: 2019-01-18 17:18:40 DataFile Name : 045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	10.23	10.00	9.83	10.02	2.04	ppb
Molybdenum	94-1	0.01	0.01	0.04	0.02	87.75	ppb
Molybdenum	95-1	0.02	0.01	0.01	0.01	64.44	ppb
Molybdenum	96-1	0.01	0.00	0.01	0.01	57.54	ppb
Molybdenum	97-1	0.01	0.01	0.00	0.01	67.06	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	3.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.14	1.03	1.08	5.05	ppb
Phosphorus	31-2	-32.82	-33.51	-29.74	-32.02		ppb
Potassium	39-2	28.81	29.63	25.29	27.91	8.26	ppb
Rhodium	103-1				88		%
Rhodium	103-2				85		%
Scandium	45-1				82		%
Scandium	45-2				80		%
Selenium	77-2	0.00	0.20	0.20	0.13	86.61	ppb
Selenium	78-2	-0.34	-0.08	-0.36	-0.26		ppb
Selenium	82-1	0.04	-0.25	0.11	-0.03		ppb
Silicon	28-1	421.89	414.55	411.42	415.95	1.29	ppb
Silver	109-1	0.02	0.01	0.01	0.01	28.64	ppb
Silver	107-1	0.02	0.01	0.01	0.02	13.96	ppb
Sodium	23-2	2134.62	2106.65	2086.58	2109.28	1.14	ppb
Strontium	86-1	0.43	0.42	0.45	0.43	4.46	ppb
Strontium	88-1	0.49	0.46	0.48	0.47	3.04	ppb
Sulfur	34-1	-526.36	-534.75	-689.45	-583.52		ppb
Terbium	159-1				93		%
Terbium	159-2				89		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	35.23	ppb
Thorium	232-1	0.00	0.01	0.00	0.00	11.34	ppb
Tin	118-1	0.01	0.02	0.01	0.01	56.54	ppb
Titanium	47-1	0.12	0.08	0.11	0.10	19.74	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	88.52	ppb
Vanadium	51-2	0.01	0.01	0.02	0.01	32.12	ppb
Yttrium	89-1				88		%
Yttrium	89-2				85		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-08DLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-29-OB-010720	Dilution Factor :	100
Date & Time Acquired ::	2019-01-18 17:18:40	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.21	1.25	1.51	1.32	12.22	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	31.26	ppb
Zirconium	91-1	0.00	0.01	0.02	0.01	89.76	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-12DLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	100
Date & Time Acquired ::	2019-01-18 17:22:16	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.97	15.26	15.53	14.92	5.60	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	23.11	ppb
Arsenic	75-2	0.04	0.03	0.00	0.03	75.90	ppb
Barium	135-1	1.54	1.61	1.50	1.55	3.59	ppb
Barium	137-1	1.57	1.58	1.56	1.57	0.56	ppb
Beryllium	9-1	0.04	0.03	0.03	0.03	15.81	ppb
Bismuth	209-1				90		%
Bismuth	209-2				86		%
Boron	10-1	43.23	44.66	45.79	44.56	2.88	ppb
Boron	11-1	43.99	46.05	44.64	44.90	2.34	ppb
Cadmium	111-1	4.03	4.06	3.89	3.99	2.30	ppb
Cadmium	106-1	3.76	3.11	1.98	2.95	30.58	ppb
Cadmium	108-1	3.59	3.26	3.43	3.43	4.76	ppb
Calcium	43-1	1100.82	1110.89	1094.78	1102.16	0.74	ppb
Calcium	44-1	1114.89	1109.16	1113.97	1112.67	0.28	ppb
Chromium	52-2	534.84	537.76	529.28	533.96	0.81	ppb
Cobalt	59-2	0.27	0.27	0.26	0.27	2.76	ppb
Copper	63-2	17.64	17.90	17.65	17.73	0.84	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				92		%
Holmium	165-2				89		%
Indium	115-1				89		%
Indium	115-2				87		%
Iron	56-2	0.81	0.90	0.88	0.86	5.56	ppb
Iron	57-2	4.54	3.59	2.66	3.59	26.16	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	195.62	ppb
Lead	207-1	0.01	0.00	0.00	0.00	111.48	ppb
Lead	208-1	0.00	0.00	0.00	0.00	91.23	ppb
Lithium	6-1				75		%
Magnesium	24-2	222.40	218.53	217.22	219.38	1.23	ppb

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : K1079-12DLX100 Instrumnet Name : P7
 Client Sample ID : EPA-MW-39-OB-010720 Dilution Factor : 100
 Date & Time Acquired :: 2019-01-18 17:22:16 DataFile Name : 046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	97.75	97.09	97.41	97.41	0.34	ppb
Molybdenum	94-1	0.01	0.01	0.01	0.01	35.32	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	25.09	ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	25.80	ppb
Molybdenum	97-1	0.02	0.01	0.00	0.01	57.58	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	15.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.91	10.14	9.94	9.99	1.24	ppb
Phosphorus	31-2	-31.05	-19.28	-32.73	-27.69		ppb
Potassium	39-2	45.82	49.42	45.61	46.95	4.57	ppb
Rhodium	103-1				87		%
Rhodium	103-2				84		%
Scandium	45-1				81		%
Scandium	45-2				79		%
Selenium	77-2	0.40	0.59	0.39	0.46	24.69	ppb
Selenium	78-2	-0.12	-0.52	-0.03	-0.22		ppb
Selenium	82-1	0.13	-0.10	0.16	0.06	232.56	ppb
Silicon	28-1	136.85	138.60	138.69	138.05	0.75	ppb
Silver	109-1	0.01	0.01	0.01	0.01	14.66	ppb
Silver	107-1	0.02	0.01	0.01	0.01	48.14	ppb
Sodium	23-2	3239.93	3252.85	3205.73	3232.84	0.75	ppb
Strontium	86-1	4.02	3.99	4.07	4.03	0.97	ppb
Strontium	88-1	4.07	4.12	4.06	4.08	0.77	ppb
Sulfur	34-1	691.58	711.33	818.94	740.62	9.25	ppb
Terbium	159-1				92		%
Terbium	159-2				88		%
Thallium	203-1	-0.01	-0.01	0.00	-0.01		ppb
Thallium	205-1	0.00	-0.01	-0.01	-0.01		ppb
Thorium	232-1	0.00	0.00	0.00	0.00	27.55	ppb
Tin	118-1	0.01	-0.01	0.01	0.00	269.68	ppb
Titanium	47-1	0.09	0.04	0.02	0.05	75.50	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	28.28	ppb
Vanadium	51-2	0.01	0.01	0.02	0.01	40.34	ppb
Yttrium	89-1				87		%
Yttrium	89-2				84		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-12DLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	100
Date & Time Acquired ::	2019-01-18 17:22:16	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	7.97	8.24	7.65	7.95	3.73	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	29.34	ppb
Zirconium	91-1	0.01	0.00	0.00	0.01	113.14	ppb

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : K1079-12DUPDLX100 Instrumnet Name : P7
 Client Sample ID : EPA-MW-39-OB-010720 Dilution Factor : 100
 Date & Time Acquired :: 2019-01-18 17:25:52 DataFile Name : 047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.89	17.85	16.02	16.92	5.41	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	14.12	ppb
Arsenic	75-2	0.01	0.03	0.01	0.02	69.57	ppb
Barium	135-1	1.63	1.54	1.49	1.55	4.65	ppb
Barium	137-1	1.58	1.57	1.58	1.58	0.41	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	10.32	ppb
Bismuth	209-1				90		%
Bismuth	209-2				85		%
Boron	10-1	42.33	42.14	44.31	42.93	2.79	ppb
Boron	11-1	43.68	43.55	43.81	43.68	0.30	ppb
Cadmium	111-1	4.11	3.99	4.15	4.08	2.09	ppb
Cadmium	106-1	3.35	3.56	3.62	3.51	3.94	ppb
Cadmium	108-1	3.38	3.21	3.11	3.23	4.27	ppb
Calcium	43-1	1156.90	1133.89	1130.86	1140.55	1.25	ppb
Calcium	44-1	1152.31	1152.75	1136.07	1147.04	0.83	ppb
Chromium	52-2	542.87	551.35	543.31	545.84	0.87	ppb
Cobalt	59-2	0.28	0.29	0.28	0.28	0.50	ppb
Copper	63-2	17.97	18.26	17.98	18.07	0.91	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				91		%
Holmium	165-2				88		%
Indium	115-1				88		%
Indium	115-2				86		%
Iron	56-2	0.87	0.93	1.01	0.94	7.60	ppb
Iron	57-2	3.35	3.29	2.75	3.13	10.62	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.01	0.00	0.01	121.06	ppb
Lead	207-1	0.01	0.00	0.00	0.00	351.87	ppb
Lead	208-1	0.01	0.00	0.00	0.00	83.61	ppb
Lithium	6-1				75		%
Magnesium	24-2	226.84	231.98	225.13	227.98	1.56	ppb

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : K1079-12DUPDLX100 Instrumnet Name : P7
 Client Sample ID : EPA-MW-39-OB-010720 Dilution Factor : 100
 Date & Time Acquired :: 2019-01-18 17:25:52 DataFile Name : 047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	100.02	101.10	99.75	100.29	0.71	ppb
Molybdenum	94-1	0.02	0.02	0.01	0.01	13.75	ppb
Molybdenum	95-1	0.01	0.01	0.02	0.01	10.55	ppb
Molybdenum	96-1	0.02	0.02	0.01	0.01	45.95	ppb
Molybdenum	97-1	0.01	0.01	0.01	0.01	11.73	ppb
Molybdenum	98-1	0.02	0.01	0.01	0.01	28.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.21	10.31	10.28	10.27	0.50	ppb
Phosphorus	31-2	-27.06	-33.29	-31.86	-30.74		ppb
Potassium	39-2	48.24	50.89	46.84	48.66	4.23	ppb
Rhodium	103-1				86		%
Rhodium	103-2				84		%
Scandium	45-1				80		%
Scandium	45-2				78		%
Selenium	77-2	0.60	0.20	0.60	0.46	49.37	ppb
Selenium	78-2	-0.29	-0.08	0.11	-0.09		ppb
Selenium	82-1	0.01	0.11	0.03	0.05	109.85	ppb
Silicon	28-1	144.72	141.01	140.74	142.16	1.57	ppb
Silver	109-1	0.01	0.01	0.01	0.01	12.78	ppb
Silver	107-1	0.01	0.01	0.01	0.01	30.23	ppb
Sodium	23-2	3299.27	3349.67	3288.25	3312.39	0.99	ppb
Strontium	86-1	4.28	4.09	4.13	4.17	2.51	ppb
Strontium	88-1	4.27	4.14	4.18	4.19	1.54	ppb
Sulfur	34-1	850.89	840.22	773.61	821.57	5.10	ppb
Terbium	159-1				91		%
Terbium	159-2				88		%
Thallium	203-1	-0.01	0.00	0.00	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Thorium	232-1	0.00	0.00	0.00	0.00	20.95	ppb
Tin	118-1	0.02	0.01	0.00	0.01	101.57	ppb
Titanium	47-1	0.07	0.05	0.06	0.06	16.62	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	18.40	ppb
Vanadium	51-2	0.01	0.01	0.02	0.01	17.11	ppb
Yttrium	89-1				86		%
Yttrium	89-2				84		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-12DUPDLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	100
Date & Time Acquired ::	2019-01-18 17:25:52	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	7.87	8.40	8.40	8.22	3.74	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	59.77	ppb
Zirconium	91-1	0.01	0.00	0.01	0.01	62.10	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-12LDLX500	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	500
Date & Time Acquired ::	2019-01-18 17:29:28	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.95	3.52	2.73	3.07	13.24	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	28.53	ppb
Arsenic	75-2	0.01	0.03	0.01	0.02	68.88	ppb
Barium	135-1	0.29	0.29	0.29	0.29	0.54	ppb
Barium	137-1	0.32	0.32	0.30	0.31	3.60	ppb
Beryllium	9-1	0.02	0.01	0.01	0.01	59.20	ppb
Bismuth	209-1				89		%
Bismuth	209-2				85		%
Boron	10-1	19.40	19.90	20.05	19.79	1.71	ppb
Boron	11-1	19.89	19.84	19.26	19.66	1.76	ppb
Cadmium	111-1	0.85	0.80	0.80	0.82	3.72	ppb
Cadmium	106-1	1.34	0.60	0.42	0.79	62.39	ppb
Cadmium	108-1	0.61	0.80	0.51	0.64	23.11	ppb
Calcium	43-1	226.49	227.00	225.18	226.22	0.42	ppb
Calcium	44-1	227.70	224.90	224.42	225.67	0.79	ppb
Chromium	52-2	106.71	106.10	107.16	106.65	0.50	ppb
Cobalt	59-2	0.05	0.06	0.05	0.05	8.30	ppb
Copper	63-2	3.71	3.69	3.81	3.74	1.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				88		%
Indium	115-1				87		%
Indium	115-2				86		%
Iron	56-2	0.22	0.05	0.14	0.14	63.87	ppb
Iron	57-2	0.60	0.77	0.89	0.75	19.16	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.01	0.01	11.07	ppb
Lead	207-1	0.00	0.00	-0.01	0.00		ppb
Lead	208-1	0.00	0.00	0.00	0.00	59.48	ppb
Lithium	6-1				75		%
Magnesium	24-2	42.70	44.53	44.90	44.04	2.67	ppb

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : K1079-12LDLX500 Instrumnet Name : P7
 Client Sample ID : EPA-MW-39-OB-010720 Dilution Factor : 500
 Date & Time Acquired :: 2019-01-18 17:29:28 DataFile Name : 048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	19.40	19.32	19.49	19.40	0.43	ppb
Molybdenum	94-1	0.01	0.01	0.00	0.00	104.35	ppb
Molybdenum	95-1	0.01	0.00	0.01	0.00	56.16	ppb
Molybdenum	96-1	0.01	0.00	0.00	0.01	95.28	ppb
Molybdenum	97-1	0.01	0.00	0.00	0.00	157.75	ppb
Molybdenum	98-1	0.00	0.00	0.01	0.00	54.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.93	2.02	1.98	1.98	2.11	ppb
Phosphorus	31-2	-24.76	-27.06	-34.90	-28.91		ppb
Potassium	39-2	8.49	11.47	7.74	9.23	21.36	ppb
Rhodium	103-1				85		%
Rhodium	103-2				82		%
Scandium	45-1				79		%
Scandium	45-2				78		%
Selenium	77-2	0.60	0.00	0.00	0.20	173.21	ppb
Selenium	78-2	-0.31	-0.37	-0.27	-0.32		ppb
Selenium	82-1	0.01	0.05	-0.16	-0.03		ppb
Silicon	28-1	26.43	26.53	25.75	26.24	1.61	ppb
Silver	109-1	0.01	0.00	0.01	0.01	34.38	ppb
Silver	107-1	0.01	0.01	0.01	0.01	35.08	ppb
Sodium	23-2	651.36	661.29	660.68	657.78	0.85	ppb
Strontium	86-1	0.83	0.77	0.82	0.80	4.30	ppb
Strontium	88-1	0.81	0.83	0.81	0.82	1.44	ppb
Sulfur	34-1	-217.22	-247.37	-256.53	-240.38		ppb
Terbium	159-1				90		%
Terbium	159-2				87		%
Thallium	203-1	-0.01	-0.01	-0.02	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Thorium	232-1	0.00	0.00	0.00	0.00	27.94	ppb
Tin	118-1	0.00	0.00	0.02	0.01	152.88	ppb
Titanium	47-1	0.02	0.01	0.05	0.03	65.87	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	56.47	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	55.46	ppb
Yttrium	89-1				84		%
Yttrium	89-2				83		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-12LDLX500	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	500
Date & Time Acquired ::	2019-01-18 17:29:28	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.63	1.44	1.47	1.51	6.48	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	21.93	ppb
Zirconium	91-1	0.01	0.00	0.00	0.00	149.99	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-13DLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	100
Date & Time Acquired ::	2019-01-18 17:33:05	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	136.41	140.68	138.39	138.50	1.54	ppb
Antimony	121-1	6.23	6.08	6.17	6.16	1.20	ppb
Arsenic	75-2	5.96	5.65	5.97	5.86	3.11	ppb
Barium	135-1	32.17	31.54	32.03	31.91	1.03	ppb
Barium	137-1	31.93	31.80	32.32	32.02	0.85	ppb
Beryllium	9-1	6.10	6.24	6.09	6.14	1.39	ppb
Bismuth	209-1				89		%
Bismuth	209-2				86		%
Boron	10-1	44.18	45.38	44.94	44.83	1.35	ppb
Boron	11-1	45.25	45.94	46.95	46.04	1.86	ppb
Cadmium	111-1	10.38	10.20	10.25	10.28	0.91	ppb
Cadmium	106-1	9.15	9.69	8.89	9.24	4.41	ppb
Cadmium	108-1	9.45	9.16	9.47	9.36	1.85	ppb
Calcium	43-1	1704.37	1712.32	1731.33	1716.00	0.81	ppb
Calcium	44-1	1720.05	1724.04	1712.50	1718.87	0.34	ppb
Chromium	52-2	545.38	549.91	547.91	547.73	0.41	ppb
Cobalt	59-2	6.86	7.03	6.83	6.91	1.61	ppb
Copper	63-2	31.68	32.03	31.77	31.83	0.57	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				91		%
Holmium	165-2				89		%
Indium	115-1				87		%
Indium	115-2				87		%
Iron	56-2	337.46	337.71	337.47	337.55	0.04	ppb
Iron	57-2	345.59	344.69	347.29	345.86	0.38	ppb
Krypton	83-1						cps
Lead	206-1	5.93	5.89	6.03	5.95	1.20	ppb
Lead	207-1	5.74	5.68	5.74	5.72	0.60	ppb
Lead	208-1	5.83	5.83	5.85	5.84	0.23	ppb
Lithium	6-1				75		%
Magnesium	24-2	882.15	880.36	888.24	883.58	0.47	ppb

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : K1079-13DLX100 Instrumnet Name : P7
 Client Sample ID : EPA-MW-39-OB-010720 Dilution Factor : 100
 Date & Time Acquired :: 2019-01-18 17:33:05 DataFile Name : 049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	111.93	112.30	112.03	112.09	0.17	ppb
Molybdenum	94-1	30.81	30.76	30.55	30.71	0.46	ppb
Molybdenum	95-1	31.09	30.51	30.65	30.75	0.97	ppb
Molybdenum	96-1	30.76	31.11	30.31	30.73	1.30	ppb
Molybdenum	97-1	30.67	30.49	30.36	30.51	0.51	ppb
Molybdenum	98-1	30.94	30.28	30.50	30.57	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.66	17.25	17.13	17.02	1.82	ppb
Phosphorus	31-2	-31.92	-32.61	-31.13	-31.89		ppb
Potassium	39-2	340.54	345.99	343.36	343.30	0.80	ppb
Rhodium	103-1				85		%
Rhodium	103-2				83		%
Scandium	45-1				79		%
Scandium	45-2				79		%
Selenium	77-2	5.96	5.31	5.70	5.66	5.75	ppb
Selenium	78-2	6.45	6.67	5.78	6.30	7.36	ppb
Selenium	82-1	5.94	6.56	6.24	6.25	4.98	ppb
Silicon	28-1	149.54	149.57	147.65	148.92	0.74	ppb
Silver	109-1	6.43	6.42	6.39	6.41	0.32	ppb
Silver	107-1	6.38	6.32	6.32	6.34	0.52	ppb
Sodium	23-2	3858.82	3907.26	3885.28	3883.78	0.62	ppb
Strontium	86-1	10.14	10.24	10.28	10.22	0.71	ppb
Strontium	88-1	10.29	10.32	10.31	10.31	0.15	ppb
Sulfur	34-1	867.80	868.48	825.34	853.87	2.89	ppb
Terbium	159-1				91		%
Terbium	159-2				88		%
Thallium	203-1	5.89	5.93	5.93	5.92	0.34	ppb
Thallium	205-1	5.93	5.86	5.88	5.89	0.56	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	22.86	ppb
Tin	118-1	6.12	5.97	5.96	6.01	1.46	ppb
Titanium	47-1	29.91	31.02	29.98	30.30	2.05	ppb
Uranium	238-1	5.71	5.73	5.77	5.74	0.52	ppb
Vanadium	51-2	6.08	6.06	6.12	6.09	0.51	ppb
Yttrium	89-1				85		%
Yttrium	89-2				84		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-13DLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	100
Date & Time Acquired ::	2019-01-18 17:33:05	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	22.11	22.08	21.84	22.01	0.66	ppb
Zirconium	90-1	6.21	6.08	6.20	6.16	1.12	ppb
Zirconium	91-1	6.28	5.90	6.14	6.11	3.16	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-14DLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	100
Date & Time Acquired ::	2019-01-18 17:36:42	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	135.61	139.87	136.57	137.35	1.63	ppb
Antimony	121-1	6.27	6.15	6.28	6.24	1.14	ppb
Arsenic	75-2	6.04	5.90	6.18	6.04	2.35	ppb
Barium	135-1	32.40	32.04	31.95	32.13	0.74	ppb
Barium	137-1	32.63	31.90	32.60	32.38	1.27	ppb
Beryllium	9-1	6.20	6.16	6.25	6.20	0.70	ppb
Bismuth	209-1				89		%
Bismuth	209-2				85		%
Boron	10-1	45.84	46.65	45.52	46.00	1.27	ppb
Boron	11-1	44.84	45.30	46.33	45.49	1.68	ppb
Cadmium	111-1	10.79	10.47	10.48	10.58	1.75	ppb
Cadmium	106-1	10.02	10.06	8.96	9.68	6.47	ppb
Cadmium	108-1	9.49	9.69	9.59	9.59	1.04	ppb
Calcium	43-1	1748.53	1689.15	1742.53	1726.74	1.89	ppb
Calcium	44-1	1761.39	1736.94	1732.92	1743.75	0.88	ppb
Chromium	52-2	549.90	559.85	546.56	552.10	1.25	ppb
Cobalt	59-2	6.82	6.87	6.75	6.81	0.91	ppb
Copper	63-2	32.07	32.52	31.65	32.08	1.36	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				91		%
Holmium	165-2				88		%
Indium	115-1				88		%
Indium	115-2				87		%
Iron	56-2	335.20	339.04	332.82	335.69	0.94	ppb
Iron	57-2	349.52	346.39	334.29	343.40	2.34	ppb
Krypton	83-1						cps
Lead	206-1	6.13	6.02	5.91	6.02	1.83	ppb
Lead	207-1	5.86	5.85	5.72	5.81	1.35	ppb
Lead	208-1	5.96	5.93	5.84	5.91	1.10	ppb
Lithium	6-1				74		%
Magnesium	24-2	869.27	877.10	855.37	867.24	1.27	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-14DLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	100
Date & Time Acquired ::	2019-01-18 17:36:42	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	112.22	113.61	112.52	112.78	0.65	ppb
Molybdenum	94-1	31.04	30.31	30.41	30.59	1.29	ppb
Molybdenum	95-1	30.93	29.92	30.31	30.39	1.69	ppb
Molybdenum	96-1	30.59	29.89	30.60	30.36	1.35	ppb
Molybdenum	97-1	30.76	30.10	30.63	30.50	1.15	ppb
Molybdenum	98-1	30.54	30.36	30.37	30.42	0.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.06	17.27	17.23	17.19	0.65	ppb
Phosphorus	31-2	-31.09	-36.47	-31.95	-33.17		ppb
Potassium	39-2	345.73	348.26	335.38	343.13	1.99	ppb
Rhodium	103-1				85		%
Rhodium	103-2				83		%
Scandium	45-1				80		%
Scandium	45-2				79		%
Selenium	77-2	6.52	5.96	9.50	7.33	25.96	ppb
Selenium	78-2	6.30	6.22	5.36	5.96	8.71	ppb
Selenium	82-1	6.05	6.41	6.59	6.35	4.32	ppb
Silicon	28-1	150.26	149.34	148.49	149.36	0.59	ppb
Silver	109-1	6.53	6.31	6.41	6.42	1.78	ppb
Silver	107-1	6.56	6.38	6.40	6.45	1.57	ppb
Sodium	23-2	3898.63	3917.74	3898.88	3905.08	0.28	ppb
Strontium	86-1	10.36	9.77	10.39	10.17	3.43	ppb
Strontium	88-1	10.51	10.33	10.34	10.39	1.00	ppb
Sulfur	34-1	869.46	765.08	762.77	799.10	7.63	ppb
Terbium	159-1				91		%
Terbium	159-2				88		%
Thallium	203-1	6.03	6.02	6.02	6.02	0.07	ppb
Thallium	205-1	6.07	5.95	5.96	5.99	1.15	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	37.89	ppb
Tin	118-1	6.15	5.92	6.05	6.04	1.95	ppb
Titanium	47-1	30.43	30.36	30.03	30.27	0.69	ppb
Uranium	238-1	5.76	5.66	5.67	5.70	0.92	ppb
Vanadium	51-2	6.29	6.25	6.24	6.26	0.39	ppb
Yttrium	89-1				85		%
Yttrium	89-2				84		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-14DLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	100
Date & Time Acquired ::	2019-01-18 17:36:42	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	22.12	22.58	21.74	22.14	1.89	ppb
Zirconium	90-1	6.21	6.15	6.16	6.17	0.54	ppb
Zirconium	91-1	6.25	5.95	6.18	6.13	2.51	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-12ADLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	100
Date & Time Acquired ::	2019-01-18 17:40:19	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	140.24	138.53	140.19	139.66	0.70	ppb
Antimony	121-1	6.20	6.31	6.10	6.20	1.70	ppb
Arsenic	75-2	6.17	5.97	5.89	6.01	2.39	ppb
Barium	135-1	32.29	32.60	31.94	32.28	1.03	ppb
Barium	137-1	33.03	32.15	31.89	32.36	1.84	ppb
Beryllium	9-1	6.33	6.25	6.21	6.26	1.01	ppb
Bismuth	209-1				88		%
Bismuth	209-2				85		%
Boron	10-1	45.96	44.29	45.58	45.28	1.94	ppb
Boron	11-1	44.50	44.88	44.83	44.74	0.47	ppb
Cadmium	111-1	10.44	10.31	10.23	10.33	1.03	ppb
Cadmium	106-1	9.61	9.49	7.81	8.97	11.19	ppb
Cadmium	108-1	10.12	9.47	9.25	9.61	4.68	ppb
Calcium	43-1	1740.87	1767.40	1749.69	1752.65	0.77	ppb
Calcium	44-1	1739.27	1750.58	1719.03	1736.29	0.92	ppb
Chromium	52-2	553.89	559.99	556.38	556.75	0.55	ppb
Cobalt	59-2	6.95	7.04	6.79	6.93	1.77	ppb
Copper	63-2	31.79	32.65	31.98	32.14	1.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				89		%
Indium	115-1				87		%
Indium	115-2				87		%
Iron	56-2	344.93	346.12	341.32	344.12	0.73	ppb
Iron	57-2	352.14	342.27	348.14	347.52	1.43	ppb
Krypton	83-1						cps
Lead	206-1	6.14	6.09	6.06	6.10	0.69	ppb
Lead	207-1	5.98	5.80	5.73	5.84	2.17	ppb
Lead	208-1	6.05	5.97	5.93	5.98	1.05	ppb
Lithium	6-1				73		%
Magnesium	24-2	886.15	898.91	887.12	890.73	0.80	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-12ADLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	100
Date & Time Acquired ::	2019-01-18 17:40:19	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	114.10	114.33	112.62	113.68	0.82	ppb
Molybdenum	94-1	31.45	31.12	30.62	31.07	1.34	ppb
Molybdenum	95-1	30.61	30.59	30.50	30.57	0.20	ppb
Molybdenum	96-1	31.28	30.82	30.60	30.90	1.11	ppb
Molybdenum	97-1	31.36	30.30	30.45	30.70	1.88	ppb
Molybdenum	98-1	31.30	31.24	30.34	30.96	1.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.48	17.07	17.11	17.22	1.31	ppb
Phosphorus	31-2	-32.56	-34.15	-31.83	-32.85		ppb
Potassium	39-2	344.02	347.36	342.71	344.70	0.69	ppb
Rhodium	103-1				84		%
Rhodium	103-2				83		%
Scandium	45-1				78		%
Scandium	45-2				78		%
Selenium	77-2	6.53	5.90	7.29	6.57	10.62	ppb
Selenium	78-2	5.46	5.45	5.89	5.60	4.50	ppb
Selenium	82-1	6.27	6.07	6.09	6.14	1.75	ppb
Silicon	28-1	149.91	150.28	150.01	150.07	0.13	ppb
Silver	109-1	6.55	6.51	6.45	6.51	0.77	ppb
Silver	107-1	6.58	6.44	6.45	6.49	1.24	ppb
Sodium	23-2	3953.10	3992.48	3921.50	3955.69	0.90	ppb
Strontium	86-1	10.58	10.43	10.30	10.43	1.35	ppb
Strontium	88-1	10.44	10.45	10.28	10.39	0.90	ppb
Sulfur	34-1	800.12	762.97	694.79	752.63	7.10	ppb
Terbium	159-1				90		%
Terbium	159-2				88		%
Thallium	203-1	6.14	6.08	5.89	6.04	2.13	ppb
Thallium	205-1	6.03	5.98	5.97	5.99	0.55	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	9.06	ppb
Tin	118-1	6.18	6.05	5.96	6.06	1.81	ppb
Titanium	47-1	30.33	31.08	30.72	30.71	1.22	ppb
Uranium	238-1	5.74	5.68	5.65	5.69	0.78	ppb
Vanadium	51-2	6.27	6.36	6.36	6.33	0.87	ppb
Yttrium	89-1				85		%
Yttrium	89-2				84		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-12ADLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	100
Date & Time Acquired ::	2019-01-18 17:40:19	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	22.51	22.34	22.64	22.50	0.66	ppb
Zirconium	90-1	6.28	6.25	6.08	6.20	1.73	ppb
Zirconium	91-1	6.43	6.21	5.97	6.20	3.70	ppb

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : K1079-16DLX20 Instrumnet Name : P7
 Client Sample ID : EPA-MW-40-OB-010720 Dilution Factor : 20
 Date & Time Acquired :: 2019-01-18 17:43:55 DataFile Name : 052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.50	0.46	0.80	0.59	32.15	ppb
Antimony	121-1	0.03	0.02	0.03	0.03	12.79	ppb
Arsenic	75-2	0.08	0.11	0.09	0.09	21.03	ppb
Barium	135-1	5.83	6.11	5.89	5.94	2.47	ppb
Barium	137-1	5.83	6.03	5.93	5.93	1.73	ppb
Beryllium	9-1	0.01	0.02	0.02	0.01	35.81	ppb
Bismuth	209-1				85		%
Bismuth	209-2				81		%
Boron	10-1	209.13	213.75	210.05	210.98	1.16	ppb
Boron	11-1	210.86	213.26	212.82	212.31	0.60	ppb
Cadmium	111-1	0.04	0.01	0.06	0.04	76.87	ppb
Cadmium	106-1	0.38	0.03	0.63	0.35	86.97	ppb
Cadmium	108-1	0.02	0.00	0.06	0.03	101.37	ppb
Calcium	43-1	3995.12	3997.02	4009.48	4000.54	0.20	ppb
Calcium	44-1	3988.80	3990.88	3947.82	3975.83	0.61	ppb
Chromium	52-2	5.97	5.98	5.93	5.96	0.45	ppb
Cobalt	59-2	0.21	0.23	0.23	0.22	5.66	ppb
Copper	63-2	0.78	0.76	0.79	0.78	1.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				87		%
Indium	115-1				85		%
Indium	115-2				84		%
Iron	56-2	929.67	941.09	933.92	934.89	0.62	ppb
Iron	57-2	945.95	937.09	945.97	943.00	0.54	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.01	0.01	0.01	42.35	ppb
Lead	207-1	0.01	0.00	0.01	0.00	74.25	ppb
Lead	208-1	0.01	0.01	0.01	0.01	30.30	ppb
Lithium	6-1				72		%
Magnesium	24-2	3346.22	3321.67	3299.29	3322.39	0.71	ppb

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : K1079-16DLX20 Instrumnet Name : P7
 Client Sample ID : EPA-MW-40-OB-010720 Dilution Factor : 20
 Date & Time Acquired :: 2019-01-18 17:43:55 DataFile Name : 052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	528.47	534.24	531.47	531.39	0.54	ppb
Molybdenum	94-1	0.13	0.15	0.12	0.13	11.18	ppb
Molybdenum	95-1	0.17	0.16	0.16	0.16	4.94	ppb
Molybdenum	96-1	0.18	0.17	0.19	0.18	6.09	ppb
Molybdenum	97-1	0.19	0.14	0.15	0.16	15.18	ppb
Molybdenum	98-1	0.16	0.16	0.18	0.16	6.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.76	0.67	0.74	0.72	6.17	ppb
Phosphorus	31-2	32.98	20.43	12.71	22.04	46.41	ppb
Potassium	39-2	491.46	490.93	495.91	492.77	0.55	ppb
Rhodium	103-1				81		%
Rhodium	103-2				79		%
Scandium	45-1				77		%
Scandium	45-2				77		%
Selenium	77-2	0.61	0.61	0.00	0.41	86.60	ppb
Selenium	78-2	-0.29	-0.32	-0.43	-0.35		ppb
Selenium	82-1	0.72	0.57	0.51	0.60	18.30	ppb
Silicon	28-1	1167.49	1171.31	1169.83	1169.54	0.16	ppb
Silver	109-1	0.02	0.02	0.02	0.02	15.15	ppb
Silver	107-1	0.02	0.02	0.02	0.02	8.27	ppb
Sodium	23-2	52638.18	52229.31	52149.63	52339.04	0.50	ppb
Strontium	86-1	50.25	49.60	49.52	49.79	0.81	ppb
Strontium	88-1	50.28	49.78	49.87	49.98	0.53	ppb
Sulfur	34-1	120.64	131.39	72.13	108.05	29.22	ppb
Terbium	159-1				90		%
Terbium	159-2				87		%
Thallium	203-1	0.00	0.00	0.00	0.00	123.02	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Thorium	232-1	0.00	0.00	0.00	0.00	28.17	ppb
Tin	118-1	0.02	0.01	0.02	0.02	21.15	ppb
Titanium	47-1	0.26	0.22	0.28	0.26	11.35	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	9.80	ppb
Vanadium	51-2	0.09	0.10	0.09	0.09	8.31	ppb
Yttrium	89-1				83		%
Yttrium	89-2				81		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-16DLX20	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-40-OB-010720	Dilution Factor :	20
Date & Time Acquired ::	2019-01-18 17:43:55	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.75	0.61	0.68	0.68	10.46	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	2.09	ppb
Zirconium	91-1	0.03	0.02	0.02	0.02	38.60	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CCV77	Instrumnet Name :	P7
Client Sample ID :	CCV77	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 17:47:31	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51139.87	50731.82	50814.87	50895.52	0.42	ppb
Antimony	121-1	468.29	468.41	472.10	469.60	0.46	ppb
Arsenic	75-2	453.88	451.68	457.13	454.23	0.60	ppb
Barium	135-1	2430.70	2431.78	2426.88	2429.79	0.11	ppb
Barium	137-1	2448.27	2442.42	2438.62	2443.11	0.20	ppb
Beryllium	9-1	480.34	484.66	482.61	482.54	0.45	ppb
Bismuth	209-1				73		%
Bismuth	209-2				69		%
Boron	10-1	468.64	482.29	487.16	479.36	2.00	ppb
Boron	11-1	473.35	481.60	485.20	480.05	1.27	ppb
Cadmium	111-1	452.28	451.37	452.54	452.07	0.14	ppb
Cadmium	106-1	454.44	457.11	451.20	454.25	0.65	ppb
Cadmium	108-1	457.98	455.85	453.33	455.72	0.51	ppb
Calcium	43-1	238606.66	235470.31	236588.68	236888.55	0.67	ppb
Calcium	44-1	238947.73	236562.65	237651.07	237720.48	0.50	ppb
Chromium	52-2	502.54	503.58	501.17	502.43	0.24	ppb
Cobalt	59-2	493.49	496.19	494.15	494.61	0.28	ppb
Copper	63-2	952.61	949.37	952.22	951.40	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				88		%
Holmium	165-2				86		%
Indium	115-1				78		%
Indium	115-2				80		%
Iron	56-2	126227.08	126740.13	125523.25	126163.49	0.48	ppb
Iron	57-2	126583.14	127508.02	125499.33	126530.16	0.79	ppb
Krypton	83-1						cps
Lead	206-1	518.06	520.63	520.45	519.71	0.28	ppb
Lead	207-1	516.95	517.02	522.17	518.71	0.58	ppb
Lead	208-1	517.69	518.64	520.21	518.85	0.25	ppb
Lithium	6-1				72		%
Magnesium	24-2	246854.43	248275.57	246598.66	247242.89	0.37	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CCV77	Instrumnet Name :	P7
Client Sample ID :	CCV77	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 17:47:31	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	996.73	996.03	989.34	994.03	0.41	ppb
Molybdenum	94-1	2516.00	2520.18	2504.23	2513.47	0.33	ppb
Molybdenum	95-1	2490.13	2491.85	2516.27	2499.42	0.58	ppb
Molybdenum	96-1	2495.50	2511.73	2502.61	2503.28	0.33	ppb
Molybdenum	97-1	2495.20	2513.94	2530.66	2513.26	0.71	ppb
Molybdenum	98-1	2514.09	2508.58	2528.26	2516.98	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	485.20	488.76	487.33	487.10	0.37	ppb
Phosphorus	31-2	9321.33	9492.64	9288.39	9367.45	1.17	ppb
Potassium	39-2	118738.52	118782.76	118854.66	118791.98	0.05	ppb
Rhodium	103-1				73		%
Rhodium	103-2				72		%
Scandium	45-1				77		%
Scandium	45-2				81		%
Selenium	77-2	437.34	433.08	453.46	441.30	2.44	ppb
Selenium	78-2	446.12	444.06	440.46	443.55	0.65	ppb
Selenium	82-1	454.60	454.48	453.30	454.13	0.16	ppb
Silicon	28-1	479.08	478.75	483.87	480.57	0.60	ppb
Silver	109-1	443.88	445.75	449.76	446.46	0.67	ppb
Silver	107-1	439.75	445.97	448.51	444.75	1.01	ppb
Sodium	23-2	240621.90	241288.83	240587.17	240832.63	0.16	ppb
Strontium	86-1	508.34	505.89	507.92	507.39	0.26	ppb
Strontium	88-1	500.84	506.20	505.54	504.19	0.58	ppb
Sulfur	34-1	9248.24	9125.07	9026.97	9133.43	1.21	ppb
Terbium	159-1				87		%
Terbium	159-2				86		%
Thallium	203-1	521.74	525.79	528.14	525.22	0.62	ppb
Thallium	205-1	522.50	528.33	525.38	525.40	0.55	ppb
Thorium	232-1	541.05	541.41	540.84	541.10	0.05	ppb
Tin	118-1	479.39	475.48	479.06	477.98	0.45	ppb
Titanium	47-1	2505.85	2503.70	2503.93	2504.49	0.05	ppb
Uranium	238-1	541.06	544.91	542.72	542.89	0.36	ppb
Vanadium	51-2	505.86	507.09	506.23	506.39	0.12	ppb
Yttrium	89-1				81		%
Yttrium	89-2				83		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CCV77	Instrumnet Name :	P7
Client Sample ID :	CCV77	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 17:47:31	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	983.68	987.25	981.75	984.22	0.28	ppb
Zirconium	90-1	502.15	503.60	501.83	502.53	0.19	ppb
Zirconium	91-1	509.84	507.57	504.82	507.41	0.50	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CCB77	Instrumnet Name :	P7
Client Sample ID :	CCB77	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 17:57:18	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.08	0.16	0.00	0.03	464.09	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	7.76	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	77.23	ppb
Barium	135-1	0.01	0.01	0.00	0.00	20.68	ppb
Barium	137-1	0.00	0.00	0.00	0.00	194.19	ppb
Beryllium	9-1	0.02	0.02	0.01	0.02	40.63	ppb
Bismuth	209-1				90		%
Bismuth	209-2				87		%
Boron	10-1	9.29	9.84	8.57	9.24	6.86	ppb
Boron	11-1	9.67	9.11	9.05	9.28	3.70	ppb
Cadmium	111-1	0.02	0.01	0.00	0.01	98.22	ppb
Cadmium	106-1	0.11	-0.06	-0.20	-0.05		ppb
Cadmium	108-1	0.01	-0.02	0.00	0.00		ppb
Calcium	43-1	-0.62	-0.22	0.32	-0.17		ppb
Calcium	44-1	0.17	0.30	0.08	0.18	61.83	ppb
Chromium	52-2	0.35	0.31	0.35	0.34	7.01	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.20	0.22	0.19	0.20	5.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				90		%
Indium	115-1				90		%
Indium	115-2				89		%
Iron	56-2	0.44	0.41	0.41	0.42	3.36	ppb
Iron	57-2	0.17	-0.07	0.15	0.08	159.77	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.01	0.00	0.00	290.19	ppb
Lead	207-1	0.01	0.00	0.00	0.00	387.04	ppb
Lead	208-1	0.00	0.00	0.00	0.00	58.87	ppb
Lithium	6-1				79		%
Magnesium	24-2	0.60	0.72	0.61	0.64	10.78	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CCB77	Instrumnet Name :	P7
Client Sample ID :	CCB77	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 17:57:18	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.02	0.00	0.01	115.28	ppb
Molybdenum	94-1	0.06	0.04	0.03	0.05	38.94	ppb
Molybdenum	95-1	0.07	0.04	0.03	0.05	43.94	ppb
Molybdenum	96-1	0.06	0.05	0.05	0.05	13.39	ppb
Molybdenum	97-1	0.08	0.04	0.03	0.05	43.70	ppb
Molybdenum	98-1	0.06	0.04	0.04	0.05	34.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	0.00	0.00		ppb
Phosphorus	31-2	-30.13	-23.20	-35.18	-29.51		ppb
Potassium	39-2	1.13	1.31	2.59	1.68	47.38	ppb
Rhodium	103-1				89		%
Rhodium	103-2				87		%
Scandium	45-1				84		%
Scandium	45-2				82		%
Selenium	77-2	0.00	0.00	0.19	0.06	173.21	ppb
Selenium	78-2	0.01	-0.04	-0.11	-0.05		ppb
Selenium	82-1	-0.09	0.00	0.06	-0.01		ppb
Silicon	28-1	-1.54	-1.96	-1.95	-1.81		ppb
Silver	109-1	0.01	0.01	0.01	0.01	21.29	ppb
Silver	107-1	0.01	0.01	0.01	0.01	5.59	ppb
Sodium	23-2	21.09	21.54	21.25	21.29	1.06	ppb
Strontium	86-1	0.00	-0.02	-0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	79.67	ppb
Sulfur	34-1	-703.32	-695.12	-753.69	-717.38		ppb
Terbium	159-1				92		%
Terbium	159-2				90		%
Thallium	203-1	0.01	0.01	0.01	0.01	41.70	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	4.90	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	5.49	ppb
Tin	118-1	0.01	0.01	0.01	0.01	37.99	ppb
Titanium	47-1	0.01	0.02	0.02	0.02	27.97	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	94.53	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	124.78	ppb
Yttrium	89-1				89		%
Yttrium	89-2				86		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CCB77	Instrumnet Name :	P7
Client Sample ID :	CCB77	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 17:57:18	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.07	-0.12	-0.06	-0.08		ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	44.72	ppb
Zirconium	91-1	0.02	0.01	0.00	0.01	87.02	ppb

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : K1079-18DLX20 Instrumnet Name : P7
 Client Sample ID : EPA-MW-41-EF-01DD20 Dilution Factor : 20
 Date & Time Acquired :: 2019-01-18 18:00:54 DataFile Name : 055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.74	0.40	0.56	0.57	29.32	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	12.18	ppb
Arsenic	75-2	0.09	0.09	0.11	0.09	12.59	ppb
Barium	135-1	10.80	11.02	10.79	10.87	1.20	ppb
Barium	137-1	10.97	11.02	10.90	10.96	0.55	ppb
Beryllium	9-1	0.02	0.01	0.01	0.01	15.62	ppb
Bismuth	209-1				87		%
Bismuth	209-2				84		%
Boron	10-1	470.23	489.96	483.94	481.38	2.10	ppb
Boron	11-1	479.60	494.83	491.33	488.59	1.63	ppb
Cadmium	111-1	0.02	0.07	-0.01	0.03	166.80	ppb
Cadmium	106-1	-0.17	0.70	-0.52	0.00	15811.00	ppb
Cadmium	108-1	-0.02	-0.02	0.04	0.00	2738.21	ppb
Calcium	43-1	21314.45	21315.77	21232.02	21287.42	0.23	ppb
Calcium	44-1	21482.95	21303.06	21553.59	21446.53	0.60	ppb
Chromium	52-2	33.22	33.08	33.43	33.24	0.53	ppb
Cobalt	59-2	0.71	0.76	0.72	0.73	3.17	ppb
Copper	63-2	0.66	0.68	0.69	0.68	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				93		%
Holmium	165-2				91		%
Indium	115-1				89		%
Indium	115-2				88		%
Iron	56-2	453.92	451.99	462.80	456.24	1.26	ppb
Iron	57-2	501.16	501.06	510.89	504.37	1.12	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.02	0.03	22.45	ppb
Lead	207-1	0.02	0.02	0.02	0.02	19.93	ppb
Lead	208-1	0.03	0.03	0.02	0.03	16.33	ppb
Lithium	6-1				79		%
Magnesium	24-2	9391.12	9351.51	9458.68	9400.44	0.58	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-18DLX20	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-41-EF-01DD20	Dilution Factor :	20
Date & Time Acquired ::	2019-01-18 18:00:54	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	878.25	870.97	895.13	881.45	1.41	ppb
Molybdenum	94-1	0.15	0.16	0.14	0.15	7.05	ppb
Molybdenum	95-1	0.07	0.08	0.09	0.08	9.64	ppb
Molybdenum	96-1	0.08	0.08	0.08	0.08	4.12	ppb
Molybdenum	97-1	0.07	0.07	0.08	0.07	12.92	ppb
Molybdenum	98-1	0.07	0.07	0.07	0.07	6.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.61	1.58	1.69	1.63	3.28	ppb
Phosphorus	31-2	-22.45	-22.62	-33.84	-26.30		ppb
Potassium	39-2	387.84	381.99	380.46	383.43	1.02	ppb
Rhodium	103-1				87		%
Rhodium	103-2				85		%
Scandium	45-1				85		%
Scandium	45-2				83		%
Selenium	77-2	0.19	0.39	0.38	0.32	34.18	ppb
Selenium	78-2	-0.31	-0.51	-0.18	-0.33		ppb
Selenium	82-1	0.40	0.34	0.42	0.39	10.93	ppb
Silicon	28-1	1341.91	1340.04	1334.36	1338.77	0.29	ppb
Silver	109-1	0.03	0.03	0.03	0.03	8.17	ppb
Silver	107-1	0.02	0.03	0.02	0.02	20.13	ppb
Sodium	23-2	30912.58	30699.71	30680.02	30764.11	0.42	ppb
Strontium	86-1	140.70	142.19	141.61	141.50	0.53	ppb
Strontium	88-1	144.12	144.85	144.07	144.35	0.30	ppb
Sulfur	34-1	-617.35	-568.45	-490.61	-558.80		ppb
Terbium	159-1				93		%
Terbium	159-2				90		%
Thallium	203-1	0.05	0.04	0.05	0.05	15.05	ppb
Thallium	205-1	0.04	0.04	0.05	0.04	11.87	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	7.83	ppb
Tin	118-1	0.01	0.02	0.02	0.02	15.10	ppb
Titanium	47-1	0.23	0.24	0.21	0.23	7.00	ppb
Uranium	238-1	0.06	0.06	0.06	0.06	2.90	ppb
Vanadium	51-2	0.10	0.10	0.10	0.10	0.42	ppb
Yttrium	89-1				89		%
Yttrium	89-2				86		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-18DLX20	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-41-EF-01DD20	Dilution Factor :	20
Date & Time Acquired ::	2019-01-18 18:00:54	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.90	0.80	0.79	0.83	7.32	ppb
Zirconium	90-1	0.05	0.05	0.06	0.06	11.40	ppb
Zirconium	91-1	0.04	0.04	0.05	0.05	8.57	ppb

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : K1079-20DLX200 Instrumnet Name : P7
 Client Sample ID : EPA-MW-41-OB-010720 Dilution Factor : 200
 Date & Time Acquired :: 2019-01-18 18:04:29 DataFile Name : 056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.73	2.07	1.95	1.92	8.92	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	21.25	ppb
Arsenic	75-2	0.00	0.00	0.01	0.01	114.65	ppb
Barium	135-1	0.05	0.05	0.03	0.04	24.48	ppb
Barium	137-1	0.05	0.05	0.05	0.05	5.53	ppb
Beryllium	9-1	0.01	0.02	0.03	0.02	47.28	ppb
Bismuth	209-1				91		%
Bismuth	209-2				86		%
Boron	10-1	32.11	32.12	31.15	31.80	1.76	ppb
Boron	11-1	32.47	31.96	31.34	31.92	1.78	ppb
Cadmium	111-1	0.02	0.02	0.01	0.02	18.43	ppb
Cadmium	106-1	-0.13	-0.10	-0.19	-0.14		ppb
Cadmium	108-1	0.03	-0.03	0.02	0.01	389.83	ppb
Calcium	43-1	345.96	333.06	341.23	340.08	1.92	ppb
Calcium	44-1	338.75	341.17	341.08	340.33	0.40	ppb
Chromium	52-2	294.73	295.70	296.05	295.49	0.23	ppb
Cobalt	59-2	0.06	0.05	0.06	0.05	9.89	ppb
Copper	63-2	5.66	5.66	5.62	5.65	0.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				90		%
Indium	115-1				90		%
Indium	115-2				88		%
Iron	56-2	0.67	0.75	0.75	0.72	6.68	ppb
Iron	57-2	0.90	1.57	1.78	1.42	32.28	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00		ppb
Lead	207-1	-0.01	-0.01	-0.01	-0.01		ppb
Lead	208-1	0.00	0.00	0.00	0.00		ppb
Lithium	6-1				79		%
Magnesium	24-2	145.20	144.38	143.73	144.43	0.51	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-20DLX200	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-41-OB-010720	Dilution Factor :	200
Date & Time Acquired ::	2019-01-18 18:04:29	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	17.15	17.39	17.32	17.29	0.71	ppb
Molybdenum	94-1	0.04	0.02	0.02	0.02	41.26	ppb
Molybdenum	95-1	0.02	0.03	0.03	0.03	29.27	ppb
Molybdenum	96-1	0.03	0.03	0.02	0.03	36.88	ppb
Molybdenum	97-1	0.02	0.01	0.01	0.01	26.43	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	3.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.39	0.34	0.32	0.35	9.85	ppb
Phosphorus	31-2	-32.94	-31.39	-22.97	-29.10		ppb
Potassium	39-2	19.07	15.45	18.49	17.67	11.00	ppb
Rhodium	103-1				88		%
Rhodium	103-2				86		%
Scandium	45-1				83		%
Scandium	45-2				81		%
Selenium	77-2	0.19	0.00	0.00	0.06	173.21	ppb
Selenium	78-2	-0.41	-0.15	-0.24	-0.26		ppb
Selenium	82-1	0.01	-0.21	0.12	-0.03		ppb
Silicon	28-1	96.71	98.48	98.38	97.86	1.02	ppb
Silver	109-1	0.01	0.01	0.01	0.01	13.63	ppb
Silver	107-1	0.01	0.01	0.01	0.01	14.25	ppb
Sodium	23-2	1650.67	1664.23	1657.55	1657.48	0.41	ppb
Strontium	86-1	2.01	2.03	1.96	2.00	1.71	ppb
Strontium	88-1	2.04	2.10	2.03	2.06	1.80	ppb
Sulfur	34-1	-409.57	-356.34	-404.28	-390.06		ppb
Terbium	159-1				92		%
Terbium	159-2				90		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Thorium	232-1	0.01	0.01	0.01	0.01	10.30	ppb
Tin	118-1	0.02	0.03	0.04	0.03	25.64	ppb
Titanium	47-1	0.02	0.04	0.08	0.05	66.00	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	4.41	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	21.80	ppb
Yttrium	89-1				88		%
Yttrium	89-2				85		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-20DLX200	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-41-OB-010720	Dilution Factor :	200
Date & Time Acquired ::	2019-01-18 18:04:29	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.53	0.57	0.61	0.57	7.10	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	27.10	ppb
Zirconium	91-1	0.00	0.00	0.01	0.00	72.03	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CCV78	Instrumnet Name :	P7
Client Sample ID :	CCV78	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 18:08:59	DataFile Name :	057CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51449.99	50777.96	50741.50	50989.82	0.78	ppb
Antimony	121-1	475.95	474.39	475.06	475.13	0.16	ppb
Arsenic	75-2	454.45	458.32	456.69	456.49	0.43	ppb
Barium	135-1	2467.36	2461.47	2461.55	2463.46	0.14	ppb
Barium	137-1	2470.04	2478.56	2463.39	2470.66	0.31	ppb
Beryllium	9-1	488.22	488.82	486.17	487.74	0.28	ppb
Bismuth	209-1				74		%
Bismuth	209-2				70		%
Boron	10-1	482.37	483.15	489.10	484.87	0.76	ppb
Boron	11-1	478.59	478.98	487.85	481.81	1.09	ppb
Cadmium	111-1	460.42	457.91	453.18	457.17	0.80	ppb
Cadmium	106-1	461.52	464.46	458.51	461.50	0.64	ppb
Cadmium	108-1	465.10	458.34	459.04	460.82	0.81	ppb
Calcium	43-1	236835.22	236698.91	236355.12	236629.75	0.10	ppb
Calcium	44-1	237063.22	238068.66	234428.44	236520.11	0.79	ppb
Chromium	52-2	503.78	500.56	496.76	500.37	0.70	ppb
Cobalt	59-2	492.35	491.87	490.34	491.52	0.21	ppb
Copper	63-2	960.03	952.86	946.54	953.15	0.71	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				90		%
Holmium	165-2				88		%
Indium	115-1				81		%
Indium	115-2				83		%
Iron	56-2	126651.12	125808.35	125465.33	125974.93	0.48	ppb
Iron	57-2	126869.08	127021.57	125503.90	126464.85	0.66	ppb
Krypton	83-1						cps
Lead	206-1	523.63	518.74	522.13	521.50	0.48	ppb
Lead	207-1	521.54	517.16	516.54	518.42	0.53	ppb
Lead	208-1	521.33	519.32	516.60	519.08	0.46	ppb
Lithium	6-1				74		%
Magnesium	24-2	247175.61	245567.37	244570.54	245771.17	0.53	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CCV78	Instrumnet Name :	P7
Client Sample ID :	CCV78	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 18:08:59	DataFile Name :	057CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1001.46	989.60	989.34	993.47	0.70	ppb
Molybdenum	94-1	2526.99	2526.77	2533.14	2528.97	0.14	ppb
Molybdenum	95-1	2512.21	2508.88	2517.60	2512.90	0.18	ppb
Molybdenum	96-1	2500.25	2503.45	2511.20	2504.97	0.22	ppb
Molybdenum	97-1	2521.10	2508.58	2515.07	2514.92	0.25	ppb
Molybdenum	98-1	2528.79	2511.68	2504.29	2514.92	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	486.70	485.01	485.97	485.89	0.17	ppb
Phosphorus	31-2	9587.15	9404.57	9402.75	9464.82	1.12	ppb
Potassium	39-2	120686.58	119231.43	119303.29	119740.43	0.68	ppb
Rhodium	103-1				75		%
Rhodium	103-2				75		%
Scandium	45-1				81		%
Scandium	45-2				85		%
Selenium	77-2	446.58	455.71	453.86	452.05	1.07	ppb
Selenium	78-2	448.92	445.69	447.25	447.29	0.36	ppb
Selenium	82-1	456.16	454.28	457.31	455.92	0.34	ppb
Silicon	28-1	481.19	483.91	487.06	484.05	0.61	ppb
Silver	109-1	454.74	456.73	451.63	454.37	0.57	ppb
Silver	107-1	452.41	451.95	453.99	452.78	0.24	ppb
Sodium	23-2	244208.60	238902.33	239716.57	240942.50	1.19	ppb
Strontium	86-1	509.05	503.42	505.34	505.93	0.57	ppb
Strontium	88-1	504.31	499.00	504.22	502.51	0.60	ppb
Sulfur	34-1	9423.35	9368.91	9392.91	9395.06	0.29	ppb
Terbium	159-1				89		%
Terbium	159-2				88		%
Thallium	203-1	528.59	522.72	526.32	525.88	0.56	ppb
Thallium	205-1	526.53	523.75	526.31	525.53	0.29	ppb
Thorium	232-1	541.76	535.46	539.76	538.99	0.60	ppb
Tin	118-1	484.03	480.88	481.96	482.29	0.33	ppb
Titanium	47-1	2505.27	2494.34	2500.35	2499.98	0.22	ppb
Uranium	238-1	546.79	542.32	546.81	545.31	0.47	ppb
Vanadium	51-2	504.37	505.33	500.26	503.32	0.54	ppb
Yttrium	89-1				84		%
Yttrium	89-2				86		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CCV78	Instrumnet Name :	P7
Client Sample ID :	CCV78	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 18:08:59	DataFile Name :	057CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	934.35	941.55	934.43	936.78	0.44	ppb
Zirconium	90-1	503.88	501.82	504.37	503.36	0.27	ppb
Zirconium	91-1	509.70	504.93	506.18	506.93	0.49	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CCB78	Instrumnet Name :	P7
Client Sample ID :	CCB78	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 18:16:31	DataFile Name :	058CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.15	0.47	0.39	0.33	48.98	ppb
Antimony	121-1	0.05	0.04	0.06	0.05	13.17	ppb
Arsenic	75-2	0.01	0.01	0.00	0.01	90.35	ppb
Barium	135-1	0.02	0.02	0.02	0.02	22.31	ppb
Barium	137-1	0.01	0.02	0.02	0.02	39.18	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	3.28	ppb
Bismuth	209-1				90		%
Bismuth	209-2				87		%
Boron	10-1	8.89	9.16	8.81	8.95	2.05	ppb
Boron	11-1	9.09	8.78	8.56	8.81	3.02	ppb
Cadmium	111-1	0.01	-0.02	0.02	0.00	730.81	ppb
Cadmium	106-1	-0.17	-0.51	0.08	-0.20		ppb
Cadmium	108-1	-0.03	-0.01	-0.02	-0.02		ppb
Calcium	43-1	0.93	1.30	2.37	1.54	48.82	ppb
Calcium	44-1	1.31	1.40	1.17	1.30	8.92	ppb
Chromium	52-2	0.28	0.26	0.26	0.27	3.15	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	143.07	ppb
Copper	63-2	0.15	0.15	0.20	0.17	16.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				92		%
Indium	115-1				92		%
Indium	115-2				90		%
Iron	56-2	1.38	1.40	1.33	1.37	2.52	ppb
Iron	57-2	0.63	1.60	1.46	1.23	42.43	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.00	0.01	48.29	ppb
Lead	207-1	0.00	0.01	0.01	0.01	70.99	ppb
Lead	208-1	0.01	0.01	0.01	0.01	22.85	ppb
Lithium	6-1				80		%
Magnesium	24-2	2.23	2.27	2.24	2.25	0.95	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CCB78	Instrumnet Name :	P7
Client Sample ID :	CCB78	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 18:16:31	DataFile Name :	058CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.02	0.01	0.02	26.99	ppb
Molybdenum	94-1	0.10	0.08	0.06	0.08	27.03	ppb
Molybdenum	95-1	0.10	0.09	0.06	0.08	19.90	ppb
Molybdenum	96-1	0.10	0.08	0.07	0.08	19.39	ppb
Molybdenum	97-1	0.12	0.08	0.08	0.09	22.37	ppb
Molybdenum	98-1	0.09	0.09	0.07	0.08	14.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.01	0.01	0.01	68.82	ppb
Phosphorus	31-2	-29.62	-28.22	-26.70	-28.18		ppb
Potassium	39-2	3.84	5.51	4.02	4.46	20.50	ppb
Rhodium	103-1				90		%
Rhodium	103-2				89		%
Scandium	45-1				87		%
Scandium	45-2				85		%
Selenium	77-2	0.19	0.19	0.37	0.25	43.14	ppb
Selenium	78-2	-0.49	-0.51	-0.54	-0.51		ppb
Selenium	82-1	-0.10	-0.27	0.15	-0.08		ppb
Silicon	28-1	-1.38	-1.75	-1.16	-1.43		ppb
Silver	109-1	0.01	0.01	0.01	0.01	6.40	ppb
Silver	107-1	0.01	0.01	0.01	0.01	13.84	ppb
Sodium	23-2	23.86	23.12	24.25	23.74	2.40	ppb
Strontium	86-1	0.00	-0.01	-0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	22.40	ppb
Sulfur	34-1	-703.43	-776.09	-760.59	-746.70		ppb
Terbium	159-1				93		%
Terbium	159-2				92		%
Thallium	203-1	0.02	0.03	0.03	0.03	6.80	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	4.75	ppb
Thorium	232-1	0.06	0.05	0.04	0.05	16.01	ppb
Tin	118-1	0.03	0.02	0.03	0.03	20.09	ppb
Titanium	47-1	0.05	0.03	0.03	0.04	26.51	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	1.49	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	15.74	ppb
Yttrium	89-1				91		%
Yttrium	89-2				88		%

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CCB78	Instrumnet Name :	P7
Client Sample ID :	CCB78	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 18:16:31	DataFile Name :	058CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.07	-0.08	-0.09	-0.08		ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	12.00	ppb
Zirconium	91-1	0.02	0.02	0.00	0.01	93.35	ppb

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 14:21:13	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	100	17	61	68.63	cps
Antimony	121-1	125	125	167	139	17.32	cps
Arsenic	75-2	11	4	4	6	69.34	cps
Barium	135-1	25	67	17	36	74.18	cps
Barium	137-1	42	83	58	61	34.32	cps
Beryllium	9-1	77	150	120	116	31.90	cps
Bismuth	209-1	15177479	15519564	15414177	15370407	1.14	cps
Bismuth	209-2	8347585	8333116	8317794	8332832	0.18	cps
Boron	10-1	892	867	917	892	2.80	cps
Boron	11-1	4751	4559	4384	4565	4.02	cps
Cadmium	111-1	4789	5019	5124	4977	3.44	cps
Cadmium	106-1	6835	7177	7327	7113	3.54	cps
Cadmium	108-1	29	25	25	26	9.12	cps
Calcium	43-1	158	200	167	175	12.60	cps
Calcium	44-1	9078	8603	8561	8747	3.28	cps
Chromium	52-2	1960	2020	1964	1981	1.70	cps
Cobalt	59-2	87	93	90	90	3.71	cps
Copper	63-2	3437	3267	3267	3324	2.95	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	13	7	7	9	43.25	cps
Erbium	164-1	83	33	100	72	48.05	cps
Erbium	164-2	30	37	17	28	36.66	cps
Gadolinium	160-1	92	142	117	117	21.43	cps
Gadolinium	160-2	277	243	260	260	6.41	cps
Holmium	165-1	21606166	21953732	21671549	21743816	0.85	cps
Holmium	165-2	10688813	10701270	10658654	10682912	0.21	cps
Indium	115-1	16008498	16110547	16030484	16049843	0.33	cps
Indium	115-2	2810037	2855958	2846137	2837377	0.85	cps
Iron	56-2	7091	7291	6841	7074	3.19	cps
Iron	57-2	139	161	133	144	10.18	cps
Krypton	83-1	653	700	620	658	6.11	cps
Lead	206-1	1300	1611	1378	1430	11.33	cps
Lead	207-1	1372	1289	1317	1326	3.20	cps
Lead	208-1	5817	5795	5606	5740	2.02	cps
Lithium	6-1	5282684	5334225	5269321	5295410	0.65	cps
Magnesium	24-2	317	283	292	297	5.84	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 14:21:13	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	77	47	63	62	24.16	cps
Molybdenum	94-1	333	333	425	364	14.54	cps
Molybdenum	95-1	67	133	75	92	39.63	cps
Molybdenum	96-1	175	217	183	192	11.50	cps
Molybdenum	97-1	83	83	50	72	26.65	cps
Molybdenum	98-1	133	192	125	150	24.22	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	100	130	110	113	13.48	cps
Phosphorus	31-2	225	183	200	203	10.34	cps
Potassium	39-2	22576	22459	23094	22710	1.49	cps
Rhodium	103-1	14694564	14748314	14719420	14720766	0.18	cps
Rhodium	103-2	6990704	7046765	6990971	7009480	0.46	cps
Scandium	45-1	10284636	10354148	10251727	10296837	0.51	cps
Scandium	45-2	432006	431228	428057	430431	0.49	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	117	83	83	94	20.38	cps
Selenium	82-1	40	2	78	40	93.47	cps
Silicon	28-1	371404	362239	362718	365454	1.41	cps
Silver	109-1	58	233	150	147	59.46	cps
Silver	107-1	167	175	200	181	9.61	cps
Sodium	23-2	22509	23653	22618	22926	2.75	cps
Strontium	86-1	1142	1042	1267	1150	9.80	cps
Strontium	88-1	142	208	167	172	19.56	cps
Sulfur	34-1	646339	644832	640747	643973	0.45	cps
Terbium	159-1	21843775	22018290	21839462	21900509	0.47	cps
Terbium	159-2	10403297	10323885	10304902	10344028	0.50	cps
Thallium	203-1	758	683	867	770	11.98	cps
Thallium	205-1	1892	1867	1950	1903	2.25	cps
Thorium	232-1	200	178	133	170	19.92	cps
Tin	118-1	1058	1150	1042	1083	5.38	cps
Titanium	47-1	117	125	100	114	11.18	cps
Uranium	238-1	117	92	50	86	39.11	cps
Vanadium	51-2	13	13	10	12	15.73	cps
Yttrium	89-1	15766320	15956374	15835755	15852816	0.61	cps
Yttrium	89-2	2076822	2093614	2083679	2084705	0.40	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 14:21:13	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	293	337	287	306	8.89	cps
Zirconium	90-1	817	1150	850	939	19.55	cps
Zirconium	91-1	150	200	142	164	19.25	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 14:29:33	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4968	4876	4651	4832	3.37	cps
Antimony	121-1	34585	34995	35254	34945	0.96	cps
Arsenic	75-2	600	657	680	646	6.36	cps
Barium	135-1	49899	49355	48719	49325	1.20	cps
Barium	137-1	85907	87794	86387	86696	1.13	cps
Beryllium	9-1	5478	5868	5751	5699	3.51	cps
Bismuth	209-1	14835726	14865623	14848170	14849840	0.10	cps
Bismuth	209-2	8006562	8032897	8060949	8033469	0.34	cps
Boron	10-1	30498	32511	31709	31573	3.21	cps
Boron	11-1	141027	144140	145578	143582	1.62	cps
Cadmium	111-1	11352	11079	10986	11139	1.71	cps
Cadmium	106-1	8294	7986	7936	8072	2.41	cps
Cadmium	108-1	525	446	404	458	13.39	cps
Calcium	43-1	33122	32896	33597	33205	1.08	cps
Calcium	44-1	545794	543330	547065	545396	0.35	cps
Chromium	52-2	14474	14561	14778	14604	1.07	cps
Cobalt	59-2	10434	10781	10147	10454	3.04	cps
Copper	63-2	18632	18272	18011	18305	1.70	cps
Dysprosium	156-1	25	25	8	19	49.50	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	17	50	58	42	52.91	cps
Erbium	164-2	27	27	27	27	0.00	cps
Gadolinium	160-1	175	167	158	167	5.00	cps
Gadolinium	160-2	287	260	357	301	16.58	cps
Holmium	165-1	21350210	21370946	21435101	21385419	0.21	cps
Holmium	165-2	10485523	10419470	10537461	10480818	0.56	cps
Indium	115-1	15620898	15710521	15822084	15717834	0.64	cps
Indium	115-2	2831354	2853789	2866701	2850615	0.63	cps
Iron	56-2	295537	299345	298981	297954	0.71	cps
Iron	57-2	7402	7474	6963	7280	3.80	cps
Krypton	83-1	680	740	677	699	5.10	cps
Lead	206-1	20967	20488	20294	20583	1.68	cps
Lead	207-1	17729	17234	17829	17597	1.81	cps
Lead	208-1	81505	79600	80280	80462	1.20	cps
Lithium	6-1	5244335	5248044	5230432	5240937	0.18	cps
Magnesium	24-2	282228	279566	284251	282015	0.83	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 14:29:33	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4011	4014	4167	4064	2.20	cps
Molybdenum	94-1	40015	41102	41461	40860	1.84	cps
Molybdenum	95-1	49713	49788	50482	49994	0.85	cps
Molybdenum	96-1	55953	56521	55425	55966	0.98	cps
Molybdenum	97-1	31745	30492	32020	31419	2.59	cps
Molybdenum	98-1	79027	80955	79639	79874	1.23	cps
Neodymium	150-1	20	7	13	13	49.99	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	2980	2914	3140	3011	3.87	cps
Phosphorus	31-2	783	1050	933	922	14.50	cps
Potassium	39-2	244201	242791	247595	244862	1.01	cps
Rhodium	103-1	14431060	14451063	14350015	14410713	0.37	cps
Rhodium	103-2	6845914	6823081	6808531	6825842	0.28	cps
Scandium	45-1	10274070	10280937	10258786	10271265	0.11	cps
Scandium	45-2	426176	426502	432052	428243	0.77	cps
Selenium	77-2	113	140	130	128	10.54	cps
Selenium	78-2	472	465	470	469	0.82	cps
Selenium	82-1	2478	2425	2509	2471	1.73	cps
Silicon	28-1	510219	505589	511485	509098	0.61	cps
Silver	109-1	28830	28914	28404	28716	0.95	cps
Silver	107-1	30216	30559	29741	30172	1.36	cps
Sodium	23-2	528309	518134	532086	526176	1.37	cps
Strontium	86-1	7644	7552	7311	7502	2.30	cps
Strontium	88-1	55567	56085	56680	56110	0.99	cps
Sulfur	34-1	644201	653881	650371	649484	0.75	cps
Terbium	159-1	21623352	21702683	21534559	21620198	0.39	cps
Terbium	159-2	10130008	10088374	10196740	10138374	0.54	cps
Thallium	203-1	23179	22862	22445	22829	1.61	cps
Thallium	205-1	55936	58254	57290	57160	2.04	cps
Thorium	232-1	73676	74168	75196	74346	1.04	cps
Tin	118-1	88629	88780	89636	89015	0.61	cps
Titanium	47-1	16001	15200	15217	15473	2.96	cps
Uranium	238-1	74282	74199	74483	74321	0.20	cps
Vanadium	51-2	25365	25382	25352	25366	0.06	cps
Yttrium	89-1	15548504	15556597	15566068	15557056	0.06	cps
Yttrium	89-2	2066450	2063749	2089908	2073369	0.69	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 14:29:33	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2484	2344	2450	2426	3.02	cps
Zirconium	90-1	32931	34609	33081	33540	2.77	cps
Zirconium	91-1	7202	7552	7452	7402	2.44	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 14:33:28	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	255823	256924	253582	255443	0.67	cps
Antimony	121-1	997094	997066	984246	992802	0.75	cps
Arsenic	75-2	34565	34303	34556	34475	0.43	cps
Barium	135-1	1334832	1321436	1324447	1326905	0.53	cps
Barium	137-1	2333628	2328731	2332870	2331743	0.11	cps
Beryllium	9-1	312841	307800	308064	309568	0.92	cps
Bismuth	209-1	14577133	14804377	14817342	14732951	0.92	cps
Bismuth	209-2	7975851	7867421	7916740	7920004	0.69	cps
Boron	10-1	67585	68046	68507	68046	0.68	cps
Boron	11-1	310691	310488	312383	311187	0.33	cps
Cadmium	111-1	337095	331818	334403	334439	0.79	cps
Cadmium	106-1	42983	45650	44546	44393	3.02	cps
Cadmium	108-1	25573	25273	25294	25380	0.66	cps
Calcium	43-1	366129	364100	369860	366696	0.80	cps
Calcium	44-1	5948949	5846864	5894209	5896674	0.87	cps
Chromium	52-2	337203	334753	332610	334855	0.69	cps
Cobalt	59-2	565775	567904	566144	566608	0.20	cps
Copper	63-2	816351	815008	811258	814206	0.32	cps
Dysprosium	156-1	17	50	42	36	48.03	cps
Dysprosium	156-2	20	23	30	24	20.83	cps
Erbium	164-1	67	92	100	86	20.14	cps
Erbium	164-2	20	20	37	26	37.66	cps
Gadolinium	160-1	108	150	150	136	17.67	cps
Gadolinium	160-2	240	250	287	259	9.49	cps
Holmium	165-1	21101499	21342561	21464365	21302808	0.87	cps
Holmium	165-2	10440120	10396642	10479632	10438798	0.40	cps
Indium	115-1	15395450	15537771	15537208	15490143	0.53	cps
Indium	115-2	2807214	2848707	2853171	2836364	0.89	cps
Iron	56-2	14945165	14809712	14797308	14850728	0.55	cps
Iron	57-2	366507	364552	362800	364620	0.51	cps
Krypton	83-1	673	607	640	640	5.21	cps
Lead	206-1	1058956	1046493	1066510	1057320	0.96	cps
Lead	207-1	950950	947282	953057	950429	0.31	cps
Lead	208-1	4249099	4246961	4267001	4254354	0.26	cps
Lithium	6-1	5106377	5117734	5135515	5119875	0.29	cps
Magnesium	24-2	3090835	3072603	3088078	3083839	0.32	cps

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 14:33:28 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	409621	411488	408194	409768	0.40	cps
Molybdenum	94-1	2188032	2160150	2157546	2168576	0.78	cps
Molybdenum	95-1	2677265	2628553	2650615	2652144	0.92	cps
Molybdenum	96-1	2966898	2907785	2940412	2938365	1.01	cps
Molybdenum	97-1	1659492	1634086	1635312	1642963	0.87	cps
Molybdenum	98-1	4301317	4239112	4256107	4265512	0.75	cps
Neodymium	150-1	180	93	227	167	40.60	cps
Neodymium	150-2	3	7	23	11	96.43	cps
Nickel	60-2	152716	151405	152187	152103	0.43	cps
Phosphorus	31-2	14349	14007	13957	14104	1.51	cps
Potassium	39-2	1214569	1212954	1208821	1212115	0.24	cps
Rhodium	103-1	13953587	14051853	14185990	14063810	0.83	cps
Rhodium	103-2	6630243	6719939	6639998	6663394	0.74	cps
Scandium	45-1	9939091	10019759	10046766	10001872	0.56	cps
Scandium	45-2	423008	423617	422546	423057	0.13	cps
Selenium	77-2	1160	1197	1023	1127	8.11	cps
Selenium	78-2	3571	3767	3619	3652	2.80	cps
Selenium	82-1	26333	26127	26587	26349	0.87	cps
Silicon	28-1	1238724	1243409	1237313	1239816	0.26	cps
Silver	109-1	1518677	1507648	1515040	1513788	0.37	cps
Silver	107-1	1582114	1571052	1592847	1582004	0.69	cps
Sodium	23-2	5478144	5427128	5380296	5428523	0.90	cps
Strontium	86-1	358688	360657	360074	359806	0.28	cps
Strontium	88-1	3152966	3099849	3122328	3125048	0.85	cps
Sulfur	34-1	784755	780625	774501	779960	0.66	cps
Terbium	159-1	21227753	21448803	21658657	21445071	1.00	cps
Terbium	159-2	10130481	10097141	10225904	10151175	0.66	cps
Thallium	203-1	1282082	1273888	1298940	1284970	0.99	cps
Thallium	205-1	3094915	3070387	3129973	3098425	0.97	cps
Thorium	232-1	4275205	4298662	4294416	4289428	0.29	cps
Tin	118-1	950839	961235	961167	957747	0.62	cps
Titanium	47-1	808977	792710	798363	800017	1.03	cps
Uranium	238-1	4294602	4251679	4265372	4270551	0.51	cps
Vanadium	51-2	259493	257905	258299	258566	0.32	cps
Yttrium	89-1	15275248	15468284	15362052	15368528	0.63	cps
Yttrium	89-2	2050563	2066082	2052929	2056524	0.41	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 14:33:28	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	126624	126865	128415	127301	0.76	cps
Zirconium	90-1	1815288	1793293	1802840	1803807	0.61	cps
Zirconium	91-1	400429	400752	400520	400567	0.04	cps

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 14:37:31 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	621027	623259	629104	624463	0.67	cps
Antimony	121-1	2436693	2423811	2453346	2437950	0.61	cps
Arsenic	75-2	85313	85384	85542	85413	0.14	cps
Barium	135-1	3269724	3265016	3322499	3285746	0.97	cps
Barium	137-1	5781999	5760226	5885011	5809079	1.15	cps
Beryllium	9-1	740377	739624	738545	739515	0.12	cps
Bismuth	209-1	14586166	14651666	14709684	14649172	0.42	cps
Bismuth	209-2	7775868	7790876	7847151	7804631	0.48	cps
Boron	10-1	162473	165135	162590	163400	0.92	cps
Boron	11-1	739322	752765	755284	749124	1.15	cps
Cadmium	111-1	807683	805326	810845	807951	0.34	cps
Cadmium	106-1	96519	95630	99095	97081	1.85	cps
Cadmium	108-1	62943	63165	63776	63295	0.68	cps
Calcium	43-1	888593	885211	881562	885122	0.40	cps
Calcium	44-1	14248521	14300661	14143266	14230816	0.56	cps
Chromium	52-2	819184	821657	820371	820404	0.15	cps
Cobalt	59-2	1393189	1391156	1406709	1397018	0.61	cps
Copper	63-2	1988609	1975433	1994805	1986282	0.50	cps
Dysprosium	156-1	117	58	92	89	32.92	cps
Dysprosium	156-2	87	43	67	66	33.09	cps
Erbium	164-1	108	67	67	81	29.86	cps
Erbium	164-2	50	47	47	48	4.02	cps
Gadolinium	160-1	142	175	158	158	10.53	cps
Gadolinium	160-2	277	290	287	284	2.44	cps
Holmium	165-1	21428524	21356154	21761035	21515238	1.00	cps
Holmium	165-2	10460257	10519562	10531599	10503806	0.36	cps
Indium	115-1	15553982	15347830	15501031	15467614	0.69	cps
Indium	115-2	2797288	2799400	2813745	2803478	0.32	cps
Iron	56-2	36563865	36480801	36905148	36649938	0.61	cps
Iron	57-2	893653	894094	897442	895063	0.23	cps
Krypton	83-1	683	673	663	673	1.49	cps
Lead	206-1	2591303	2639217	2616137	2615553	0.92	cps
Lead	207-1	2334425	2350959	2359161	2348182	0.54	cps
Lead	208-1	10402332	10578561	10611177	10530690	1.07	cps
Lithium	6-1	4992229	4962584	4960339	4971717	0.36	cps
Magnesium	24-2	7583936	7490807	7528273	7534339	0.62	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 14:37:31	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1003852	1000449	1012089	1005463	0.60	cps
Molybdenum	94-1	5327318	5320965	5347635	5331973	0.26	cps
Molybdenum	95-1	6429569	6399513	6444147	6424410	0.35	cps
Molybdenum	96-1	7087582	7028417	7150096	7088698	0.86	cps
Molybdenum	97-1	4023065	4024239	4063487	4036930	0.57	cps
Molybdenum	98-1	10337732	10221148	10219517	10259466	0.66	cps
Neodymium	150-1	393	353	313	353	11.32	cps
Neodymium	150-2	43	50	17	37	48.10	cps
Nickel	60-2	372224	373298	375403	373641	0.43	cps
Phosphorus	31-2	34699	35660	35084	35148	1.38	cps
Potassium	39-2	2938497	2958113	2961910	2952840	0.43	cps
Rhodium	103-1	14075004	13886448	13896126	13952526	0.76	cps
Rhodium	103-2	6590592	6570893	6607130	6589539	0.28	cps
Scandium	45-1	9980410	9936494	9930360	9949088	0.27	cps
Scandium	45-2	417597	419002	420951	419183	0.40	cps
Selenium	77-2	2767	2594	2654	2671	3.30	cps
Selenium	78-2	8818	8825	9020	8887	1.29	cps
Selenium	82-1	63257	63929	63754	63647	0.55	cps
Silicon	28-1	2440169	2463160	2446612	2449980	0.48	cps
Silver	109-1	3660701	3710589	3703393	3691561	0.73	cps
Silver	107-1	3794423	3803982	3868975	3822460	1.06	cps
Sodium	23-2	13339965	13272170	13317639	13309925	0.26	cps
Strontium	86-1	880952	881294	880179	880808	0.06	cps
Strontium	88-1	7558403	7507497	7576266	7547389	0.47	cps
Sulfur	34-1	953932	933476	923247	936885	1.67	cps
Terbium	159-1	21799086	21762819	21883076	21814994	0.28	cps
Terbium	159-2	10074181	10122303	10174860	10123781	0.50	cps
Thallium	203-1	3191770	3241104	3267465	3233446	1.19	cps
Thallium	205-1	7456617	7592866	7515313	7521598	0.91	cps
Thorium	232-1	10533338	10540099	10584353	10552597	0.26	cps
Tin	118-1	2366117	2372534	2367844	2368832	0.14	cps
Titanium	47-1	1945525	1944333	1953180	1947679	0.25	cps
Uranium	238-1	10463729	10497213	10496853	10485932	0.18	cps
Vanadium	51-2	638109	638504	646341	640985	0.72	cps
Yttrium	89-1	15438273	15269446	15430712	15379477	0.62	cps
Yttrium	89-2	2040791	2073716	2074582	2063030	0.93	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 14:37:31	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	310500	310839	310816	310718	0.06	cps
Zirconium	90-1	4432841	4447058	4464297	4448065	0.35	cps
Zirconium	91-1	982676	975573	991960	983403	0.84	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 14:41:20	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1206151	1216681	1211186	1211339	0.43	cps
Antimony	121-1	4709539	4751226	4770225	4743663	0.65	cps
Arsenic	75-2	166609	166973	165737	166440	0.38	cps
Barium	135-1	6308669	6307475	6366124	6327423	0.53	cps
Barium	137-1	11122047	11043309	11144158	11103171	0.48	cps
Beryllium	9-1	1399480	1405134	1395281	1399965	0.35	cps
Bismuth	209-1	14501125	14405358	14440532	14449005	0.34	cps
Bismuth	209-2	7666558	7765742	7621061	7684454	0.96	cps
Boron	10-1	309067	313793	317926	313595	1.41	cps
Boron	11-1	1430885	1459516	1470521	1453641	1.41	cps
Cadmium	111-1	1543734	1549662	1570965	1554787	0.92	cps
Cadmium	106-1	179210	183497	183050	181919	1.30	cps
Cadmium	108-1	121146	121823	119906	120958	0.80	cps
Calcium	43-1	1719896	1742181	1743445	1735174	0.76	cps
Calcium	44-1	27986410	27806773	27991541	27928241	0.38	cps
Chromium	52-2	1592926	1597296	1603606	1597943	0.34	cps
Cobalt	59-2	2698881	2725196	2696541	2706873	0.59	cps
Copper	63-2	3787708	3855344	3835507	3826186	0.91	cps
Dysprosium	156-1	92	200	100	131	46.17	cps
Dysprosium	156-2	90	97	70	86	16.22	cps
Erbium	164-1	25	42	92	53	65.74	cps
Erbium	164-2	30	30	17	26	30.11	cps
Gadolinium	160-1	208	200	225	211	6.03	cps
Gadolinium	160-2	253	263	227	248	7.65	cps
Holmium	165-1	21656249	21761635	21581870	21666585	0.42	cps
Holmium	165-2	10454578	10535960	10420217	10470252	0.57	cps
Indium	115-1	15351025	15262061	15308279	15307121	0.29	cps
Indium	115-2	2772085	2803899	2760650	2778878	0.81	cps
Iron	56-2	70319920	71272202	70813990	70802037	0.67	cps
Iron	57-2	1730041	1751589	1740783	1740804	0.62	cps
Krypton	83-1	673	673	647	664	2.32	cps
Lead	206-1	5027714	5065290	5096786	5063263	0.68	cps
Lead	207-1	4517778	4529303	4578848	4541976	0.71	cps
Lead	208-1	20136079	20082969	20162946	20127332	0.20	cps
Lithium	6-1	4876197	4852970	4840980	4856716	0.37	cps
Magnesium	24-2	14548815	14677245	14568872	14598311	0.47	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 14:41:20	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1941697	1955544	1956542	1951261	0.43	cps
Molybdenum	94-1	10115451	10242259	10229017	10195576	0.68	cps
Molybdenum	95-1	12602027	12526426	12515856	12548103	0.37	cps
Molybdenum	96-1	13851868	13899919	13924716	13892168	0.27	cps
Molybdenum	97-1	7761210	7829731	7765706	7785549	0.49	cps
Molybdenum	98-1	20271127	20115397	20187200	20191241	0.39	cps
Neodymium	150-1	680	693	647	673	3.57	cps
Neodymium	150-2	67	37	83	62	38.00	cps
Nickel	60-2	712669	717006	716031	715235	0.32	cps
Phosphorus	31-2	67085	67168	68332	67529	1.03	cps
Potassium	39-2	5623763	5663480	5635386	5640876	0.36	cps
Rhodium	103-1	13771092	13708052	13770043	13749729	0.26	cps
Rhodium	103-2	6485031	6528722	6463623	6492459	0.51	cps
Scandium	45-1	9904982	9783575	9883920	9857492	0.66	cps
Scandium	45-2	423029	420552	413982	419187	1.12	cps
Selenium	77-2	5198	5118	5241	5185	1.21	cps
Selenium	78-2	17158	17347	17006	17171	1.00	cps
Selenium	82-1	122881	123563	124436	123627	0.63	cps
Silicon	28-1	4590371	4091654	4102182	4261402	6.69	cps
Silver	109-1	6902594	6973833	6943356	6939928	0.52	cps
Silver	107-1	7285947	7284915	7283581	7284814	0.02	cps
Sodium	23-2	25827616	26014492	25577267	25806458	0.85	cps
Strontium	86-1	1693212	1719795	1718961	1710656	0.88	cps
Strontium	88-1	14821446	14749383	14655023	14741951	0.57	cps
Sulfur	34-1	1225401	1229046	1232315	1228921	0.28	cps
Terbium	159-1	21494171	21694635	21860229	21683012	0.85	cps
Terbium	159-2	10092959	10224972	10020348	10112760	1.03	cps
Thallium	203-1	6142386	6286675	6140272	6189778	1.36	cps
Thallium	205-1	14650976	14705929	14660925	14672610	0.20	cps
Thorium	232-1	20746490	21008261	20864923	20873225	0.63	cps
Tin	118-1	4569163	4621764	4656060	4615662	0.95	cps
Titanium	47-1	3788293	3799902	3811888	3800028	0.31	cps
Uranium	238-1	20484363	20784016	20861916	20710098	0.96	cps
Vanadium	51-2	1260928	1257760	1254388	1257692	0.26	cps
Yttrium	89-1	15474826	15344936	15347776	15389179	0.48	cps
Yttrium	89-2	2048937	2063615	2045390	2052647	0.47	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 14:41:20	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	591986	598709	595487	595394	0.56	cps
Zirconium	90-1	8597346	8598460	8595773	8597193	0.02	cps
Zirconium	91-1	1899385	1913933	1912417	1908578	0.42	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 14:45:05	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2388102	2428380	2410688	2409057	0.84	cps
Antimony	121-1	9297180	9202804	9224593	9241526	0.53	cps
Arsenic	75-2	330825	334872	332805	332834	0.61	cps
Barium	135-1	12725834	12543844	12439446	12569708	1.15	cps
Barium	137-1	22100516	21853318	22043406	21999080	0.59	cps
Beryllium	9-1	2730616	2697713	2715174	2714501	0.61	cps
Bismuth	209-1	14229907	14112919	13968349	14103725	0.93	cps
Bismuth	209-2	7517054	7544509	7503434	7521666	0.28	cps
Boron	10-1	604038	611206	614260	609834	0.86	cps
Boron	11-1	2799699	2844198	2825943	2823280	0.79	cps
Cadmium	111-1	3012887	3008149	3004369	3008468	0.14	cps
Cadmium	106-1	347162	346620	341994	345259	0.82	cps
Cadmium	108-1	236056	233716	234935	234902	0.50	cps
Calcium	43-1	3445954	3411115	3429503	3428857	0.51	cps
Calcium	44-1	55118153	55542428	55017645	55226076	0.50	cps
Chromium	52-2	3167578	3194642	3182870	3181697	0.43	cps
Cobalt	59-2	5359600	5373874	5392708	5375394	0.31	cps
Copper	63-2	7369891	7464842	7348678	7394470	0.84	cps
Dysprosium	156-1	217	192	267	225	16.97	cps
Dysprosium	156-2	150	183	190	174	12.29	cps
Erbium	164-1	108	67	150	108	38.46	cps
Erbium	164-2	33	50	37	40	22.05	cps
Gadolinium	160-1	250	200	183	211	16.43	cps
Gadolinium	160-2	297	293	307	299	2.32	cps
Holmium	165-1	22079698	21883000	21669717	21877471	0.94	cps
Holmium	165-2	10529577	10574996	10636920	10580498	0.51	cps
Indium	115-1	15415388	15234037	15052266	15233897	1.19	cps
Indium	115-2	2730400	2781989	2787415	2766601	1.14	cps
Iron	56-2	140262786	141472903	139964603	140566764	0.57	cps
Iron	57-2	3459325	3484605	3483171	3475700	0.41	cps
Krypton	83-1	673	700	627	667	5.57	cps
Lead	206-1	9835040	9707302	9773040	9771794	0.65	cps
Lead	207-1	8808583	8646534	8793390	8749503	1.02	cps
Lead	208-1	39443878	38695540	38998312	39045910	0.96	cps
Lithium	6-1	4854185	4840786	4757393	4817454	1.09	cps
Magnesium	24-2	28649764	29090280	28652052	28797365	0.88	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 14:45:05	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3856367	3940781	3895901	3897683	1.08	cps
Molybdenum	94-1	20590941	20357718	20358239	20435633	0.66	cps
Molybdenum	95-1	25142043	25286021	25076421	25168162	0.43	cps
Molybdenum	96-1	27868215	27905609	27625756	27799860	0.55	cps
Molybdenum	97-1	15755208	15531635	15447969	15578270	1.02	cps
Molybdenum	98-1	40453114	40114760	40096229	40221368	0.50	cps
Neodymium	150-1	1400	1360	1467	1409	3.82	cps
Neodymium	150-2	80	113	120	104	20.52	cps
Nickel	60-2	1400815	1415969	1415305	1410696	0.61	cps
Phosphorus	31-2	134754	136629	134714	135366	0.81	cps
Potassium	39-2	11271138	11285580	11175933	11244217	0.53	cps
Rhodium	103-1	13704669	13610081	13413585	13576111	1.09	cps
Rhodium	103-2	6411113	6463608	6490581	6455101	0.63	cps
Scandium	45-1	9976216	9996650	9804955	9925940	1.06	cps
Scandium	45-2	426826	427494	430169	428163	0.41	cps
Selenium	77-2	10204	9970	10144	10106	1.20	cps
Selenium	78-2	34027	34003	34031	34020	0.04	cps
Selenium	82-1	241204	239811	241470	240828	0.37	cps
Silicon	28-1	7498951	7483447	7490247	7490882	0.10	cps
Silver	109-1	13653964	13612063	13656339	13640789	0.18	cps
Silver	107-1	14282483	14140466	14059869	14160939	0.80	cps
Sodium	23-2	51284243	51997845	51453687	51578591	0.72	cps
Strontium	86-1	3409891	3409010	3409008	3409303	0.01	cps
Strontium	88-1	29511191	29480339	29183470	29391667	0.62	cps
Sulfur	34-1	1893312	1887244	1867265	1882607	0.72	cps
Terbium	159-1	22063152	21913243	21500569	21825655	1.33	cps
Terbium	159-2	10206183	10156568	10240542	10201098	0.41	cps
Thallium	203-1	12125889	11998385	11976770	12033681	0.67	cps
Thallium	205-1	29065052	28709523	28821203	28865259	0.63	cps
Thorium	232-1	41355623	41530040	41064119	41316594	0.57	cps
Tin	118-1	9137626	9012751	8961087	9037155	1.00	cps
Titanium	47-1	7527951	7474272	7379060	7460428	1.01	cps
Uranium	238-1	40766864	40915621	40645578	40776021	0.33	cps
Vanadium	51-2	2513731	2527740	2545195	2528889	0.62	cps
Yttrium	89-1	15576697	15596197	15340569	15504488	0.92	cps
Yttrium	89-2	2074785	2093324	2092195	2086768	0.50	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 14:45:05	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1140546	1158720	1154167	1151145	0.82	cps
Zirconium	90-1	17224112	17069660	17161751	17151841	0.45	cps
Zirconium	91-1	3848759	3838005	3847287	3844684	0.15	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 14:48:52	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4861943	4900267	4935537	4899249	0.75	cps
Antimony	121-1	18419304	18531235	18708665	18553068	0.79	cps
Arsenic	75-2	656898	663452	659894	660081	0.50	cps
Barium	135-1	25278756	25725495	25853804	25619352	1.18	cps
Barium	137-1	44327285	44743073	45141183	44737181	0.91	cps
Beryllium	9-1	5375655	5372900	5378330	5375628	0.05	cps
Bismuth	209-1	13621839	13652664	13740960	13671821	0.45	cps
Bismuth	209-2	7168431	7168974	7222809	7186738	0.43	cps
Boron	10-1	1211441	1245170	1228247	1228286	1.37	cps
Boron	11-1	5650664	5835187	5798902	5761584	1.70	cps
Cadmium	111-1	5857111	5916216	5986656	5919994	1.10	cps
Cadmium	106-1	682098	682666	691116	685293	0.74	cps
Cadmium	108-1	457929	464873	469798	464200	1.28	cps
Calcium	43-1	6914173	6977031	7006304	6965836	0.68	cps
Calcium	44-1	111900994	113305919	114263878	113156930	1.05	cps
Chromium	52-2	6430888	6431201	6448821	6436970	0.16	cps
Cobalt	59-2	10669441	10589992	10679794	10646409	0.46	cps
Copper	63-2	14611737	14632916	14686951	14643868	0.26	cps
Dysprosium	156-1	575	633	433	547	18.79	cps
Dysprosium	156-2	403	393	367	388	4.89	cps
Erbium	164-1	192	67	117	125	50.33	cps
Erbium	164-2	47	53	50	50	6.66	cps
Gadolinium	160-1	217	275	325	272	19.92	cps
Gadolinium	160-2	320	287	263	290	9.82	cps
Holmium	165-1	21781947	21628233	21747843	21719341	0.37	cps
Holmium	165-2	10543378	10629685	10578787	10583950	0.41	cps
Indium	115-1	14914315	14801448	14989880	14901881	0.64	cps
Indium	115-2	2676418	2675817	2700425	2684220	0.52	cps
Iron	56-2	284743929	284975995	285178440	284966121	0.08	cps
Iron	57-2	6996302	6983266	7064205	7014591	0.62	cps
Krypton	83-1	697	700	823	740	9.76	cps
Lead	206-1	19285082	19274314	19545353	19368249	0.79	cps
Lead	207-1	17276460	17412029	17461352	17383280	0.55	cps
Lead	208-1	77049794	77794855	77951190	77598613	0.62	cps
Lithium	6-1	4789604	4797125	4830966	4805899	0.46	cps
Magnesium	24-2	58330889	58387958	59318278	58679042	0.94	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 14:48:52	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7769512	7802818	7823667	7798666	0.35	cps
Molybdenum	94-1	41803561	41555051	41938034	41765549	0.47	cps
Molybdenum	95-1	51479951	50902476	51720416	51367614	0.82	cps
Molybdenum	96-1	56746058	56636835	57530776	56971223	0.86	cps
Molybdenum	97-1	31918912	31939165	31869572	31909216	0.11	cps
Molybdenum	98-1	82094862	82709371	82766616	82523616	0.45	cps
Neodymium	150-1	2334	2460	2360	2385	2.80	cps
Neodymium	150-2	190	220	200	203	7.51	cps
Nickel	60-2	2757193	2751181	2763179	2757184	0.22	cps
Phosphorus	31-2	267458	271936	270078	269824	0.83	cps
Potassium	39-2	23105301	22948454	23109583	23054446	0.40	cps
Rhodium	103-1	13322457	13387528	13295814	13335266	0.35	cps
Rhodium	103-2	6263539	6230456	6301898	6265298	0.57	cps
Scandium	45-1	10039193	10084809	10198805	10107602	0.81	cps
Scandium	45-2	432505	433392	435340	433746	0.33	cps
Selenium	77-2	19807	19874	19760	19814	0.29	cps
Selenium	78-2	65683	66566	67006	66418	1.01	cps
Selenium	82-1	472336	472970	476902	474069	0.52	cps
Silicon	28-1	14645148	14776050	14830363	14750520	0.65	cps
Silver	109-1	26406111	26554816	26998529	26653152	1.16	cps
Silver	107-1	27831561	27759646	27970074	27853760	0.38	cps
Sodium	23-2	104696223	104503000	105689073	104962766	0.61	cps
Strontium	86-1	6831472	6889366	6894433	6871757	0.51	cps
Strontium	88-1	59019676	60050301	59672070	59580683	0.88	cps
Sulfur	34-1	3275576	3301624	3309396	3295532	0.54	cps
Terbium	159-1	21857155	21889946	21979351	21908817	0.29	cps
Terbium	159-2	10232929	10173494	10195738	10200720	0.29	cps
Thallium	203-1	24028854	23754560	23885552	23889655	0.57	cps
Thallium	205-1	57502364	56544083	57521245	57189230	0.98	cps
Thorium	232-1	83296955	83876741	83809171	83660956	0.38	cps
Tin	118-1	18111304	18260972	18455762	18276013	0.95	cps
Titanium	47-1	15275791	15488906	15621401	15462033	1.13	cps
Uranium	238-1	81932854	82483237	82996741	82470944	0.65	cps
Vanadium	51-2	5130241	5084725	5104006	5106324	0.45	cps
Yttrium	89-1	15412661	15586756	15590261	15529892	0.65	cps
Yttrium	89-2	2067440	2072414	2077554	2072469	0.24	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 14:48:52	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2200941	2230082	2226939	2219321	0.72	cps
Zirconium	90-1	34831858	34992648	35139537	34988014	0.44	cps
Zirconium	91-1	7777768	7802705	7753071	7777848	0.32	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 14:52:41	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23807352	23914526	24148377	23956751	0.73	cps
Antimony	121-1	19856	19973	19581	19804	1.02	cps
Arsenic	75-2	826	863	852	847	2.24	cps
Barium	135-1	3417	3517	3176	3370	5.21	cps
Barium	137-1	5877	5643	5743	5754	2.04	cps
Beryllium	9-1	653	653	587	631	6.10	cps
Bismuth	209-1	10762147	10824730	10766711	10784529	0.32	cps
Bismuth	209-2	5674673	5764837	5745434	5728314	0.83	cps
Boron	10-1	30406	27376	24763	27515	10.26	cps
Boron	11-1	137219	128048	117614	127627	7.69	cps
Cadmium	111-1	5815	5670	5590	5692	2.00	cps
Cadmium	106-1	7169	7110	6985	7088	1.32	cps
Cadmium	108-1	88	129	113	110	19.11	cps
Calcium	43-1	33102267	33316993	33266204	33228488	0.34	cps
Calcium	44-1	543678862	541728179	539443162	541616734	0.39	cps
Chromium	52-2	52928	53236	54433	53532	1.49	cps
Cobalt	59-2	116111	116972	119509	117531	1.50	cps
Copper	63-2	19884	20111	20929	20308	2.71	cps
Dysprosium	156-1	342	233	192	256	30.30	cps
Dysprosium	156-2	90	97	83	90	7.41	cps
Erbium	164-1	100	108	117	108	7.69	cps
Erbium	164-2	73	93	47	71	32.92	cps
Gadolinium	160-1	242	400	358	333	24.62	cps
Gadolinium	160-2	360	337	330	342	4.60	cps
Holmium	165-1	19695494	19922612	19644826	19754311	0.75	cps
Holmium	165-2	9637060	9709559	9725651	9690757	0.49	cps
Indium	115-1	13753956	13992353	13843062	13863123	0.87	cps
Indium	115-2	2623004	2625149	2656618	2634924	0.71	cps
Iron	56-2	1301384829	1309843185	1322727318	1311318444	0.82	cps
Iron	57-2	32094473	32396553	32615810	32368945	0.81	cps
Krypton	83-1	720	753	717	730	2.78	cps
Lead	206-1	18736	18797	18819	18784	0.23	cps
Lead	207-1	15482	15799	15554	15611	1.06	cps
Lead	208-1	72345	72222	71699	72088	0.48	cps
Lithium	6-1	4448587	4465048	4466038	4459891	0.22	cps
Magnesium	24-2	259277139	260215331	262398681	260630384	0.61	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 14:52:41	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37311	37565	38938	37938	2.31	cps
Molybdenum	94-1	21350	20858	19998	20735	3.30	cps
Molybdenum	95-1	32706	32897	31469	32357	2.40	cps
Molybdenum	96-1	48484	46961	45214	46886	3.49	cps
Molybdenum	97-1	17712	17912	17027	17550	2.64	cps
Molybdenum	98-1	46535	43576	44111	44740	3.52	cps
Neodymium	150-1	393	407	413	404	2.52	cps
Neodymium	150-2	133	163	143	147	10.41	cps
Nickel	60-2	33568	32860	35146	33858	3.46	cps
Phosphorus	31-2	267	333	283	294	11.78	cps
Potassium	39-2	114651215	113257561	115148836	114352537	0.86	cps
Rhodium	103-1	11279864	11403392	11302261	11328506	0.58	cps
Rhodium	103-2	5345032	5373948	5442657	5387212	0.93	cps
Scandium	45-1	9388782	9552888	9487200	9476290	0.87	cps
Scandium	45-2	412960	413135	421408	415834	1.16	cps
Selenium	77-2	3	13	10	9	57.30	cps
Selenium	78-2	96	89	126	104	18.90	cps
Selenium	82-1	257	161	299	239	29.52	cps
Silicon	28-1	1173584	1187748	1188454	1183262	0.71	cps
Silver	109-1	1984	1850	1784	1872	5.44	cps
Silver	107-1	2100	1900	1834	1945	7.14	cps
Sodium	23-2	507293661	507906095	511562111	508920622	0.45	cps
Strontium	86-1	28329	29373	28546	28749	1.92	cps
Strontium	88-1	238808	238001	237246	238018	0.33	cps
Sulfur	34-1	578079	576934	587458	580824	0.99	cps
Terbium	159-1	19769743	19752382	19846793	19789640	0.25	cps
Terbium	159-2	9303736	9346531	9399950	9350072	0.52	cps
Thallium	203-1	5410	5276	5026	5237	3.72	cps
Thallium	205-1	13007	13074	12648	12910	1.77	cps
Thorium	232-1	6874	6196	6279	6450	5.73	cps
Tin	118-1	16068	16143	15467	15893	2.33	cps
Titanium	47-1	3576	3634	3409	3539	3.30	cps
Uranium	238-1	4876	4284	4259	4473	7.81	cps
Vanadium	51-2	1043	1153	1297	1165	10.91	cps
Yttrium	89-1	14295501	14379491	14353514	14342835	0.30	cps
Yttrium	89-2	1990346	1988889	2009222	1996152	0.57	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 14:52:41	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	17250	16913	17928	17364	2.98	cps
Zirconium	90-1	9503	9045	9070	9206	2.80	cps
Zirconium	91-1	2125	1609	2017	1917	14.22	cps

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 14:57:10 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	144359	146757	147369	146162	1.09	cps
Antimony	121-1	3949678	3919139	4029848	3966221	1.44	cps
Arsenic	75-2	147272	147272	146844	147129	0.17	cps
Barium	135-1	535849	538759	542802	539137	0.65	cps
Barium	137-1	941823	935001	957378	944734	1.21	cps
Beryllium	9-1	605427	604101	616612	608713	1.13	cps
Bismuth	209-1	15140880	15757778	13904973	14934544	6.32	cps
Bismuth	209-2	8218407	8176666	8237211	8210761	0.38	cps
Boron	10-1	13265	13064	12464	12931	3.22	cps
Boron	11-1	61367	60539	58246	60051	2.69	cps
Cadmium	111-1	664388	664205	672922	667172	0.75	cps
Cadmium	106-1	66548	66490	66549	66529	0.05	cps
Cadmium	108-1	43437	44177	44495	44037	1.23	cps
Calcium	43-1	150795	148322	153927	151015	1.86	cps
Calcium	44-1	2446869	2446321	2464289	2452493	0.42	cps
Chromium	52-2	685068	689821	690804	688564	0.45	cps
Cobalt	59-2	1202832	1206101	1189932	1199622	0.71	cps
Copper	63-2	867156	865005	864157	865439	0.18	cps
Dysprosium	156-1	17	17	33	22	43.28	cps
Dysprosium	156-2	10	10	13	11	17.30	cps
Erbium	164-1	167	233	92	164	43.25	cps
Erbium	164-2	63	120	113	99	31.32	cps
Gadolinium	160-1	133	167	150	150	11.11	cps
Gadolinium	160-2	300	320	323	314	4.01	cps
Holmium	165-1	22315368	23018667	20326478	21886838	6.38	cps
Holmium	165-2	10978206	10934517	11151549	11021424	1.04	cps
Indium	115-1	16637784	17157608	15217232	16337541	6.15	cps
Indium	115-2	3034659	3089375	3081328	3068454	0.96	cps
Iron	56-2	6286308	6343140	6273470	6300973	0.59	cps
Iron	57-2	153860	155846	154282	154663	0.68	cps
Krypton	83-1	757	637	743	712	9.23	cps
Lead	206-1	4206194	4198803	4314309	4239768	1.53	cps
Lead	207-1	3611265	3630131	3713926	3651774	1.50	cps
Lead	208-1	16541486	16489468	16839543	16623499	1.14	cps
Lithium	6-1	5317908	5422644	4781409	5173987	6.65	cps
Magnesium	24-2	721194	730401	739972	730522	1.29	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 14:57:10	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	414831	421877	417822	418176	0.85	cps
Molybdenum	94-1	1800	1817	1734	1784	2.47	cps
Molybdenum	95-1	2000	1967	2292	2086	8.57	cps
Molybdenum	96-1	2350	2084	2450	2295	8.26	cps
Molybdenum	97-1	1208	1100	1317	1208	8.97	cps
Molybdenum	98-1	3175	3200	2850	3075	6.35	cps
Neodymium	150-1	73	80	93	82	12.39	cps
Neodymium	150-2	3	10	0	4	114.60	cps
Nickel	60-2	322300	321366	323677	322448	0.36	cps
Phosphorus	31-2	233	333	208	258	25.60	cps
Potassium	39-2	1028658	1044564	1052370	1041864	1.16	cps
Rhodium	103-1	15176999	15630419	13885683	14897700	6.08	cps
Rhodium	103-2	7153747	7241436	7228916	7208033	0.66	cps
Scandium	45-1	10872046	11203573	9955392	10677004	6.06	cps
Scandium	45-2	452071	460277	460997	457781	1.08	cps
Selenium	77-2	4741	4641	4788	4723	1.59	cps
Selenium	78-2	15557	15766	15329	15550	1.41	cps
Selenium	82-1	108170	108648	110639	109152	1.20	cps
Silicon	28-1	450230	449731	448101	449354	0.25	cps
Silver	109-1	3055750	3061298	3130918	3082655	1.36	cps
Silver	107-1	3180321	3165879	3259859	3202019	1.58	cps
Sodium	23-2	2307529	2311792	2327686	2315669	0.46	cps
Strontium	86-1	17236	18412	18104	17917	3.40	cps
Strontium	88-1	147813	148133	150473	148807	0.98	cps
Sulfur	34-1	642031	638871	632511	637804	0.76	cps
Terbium	159-1	22509091	23051214	20549633	22036646	5.97	cps
Terbium	159-2	10692508	10706147	10767064	10721907	0.37	cps
Thallium	203-1	5258886	5296758	5392315	5315986	1.29	cps
Thallium	205-1	12563881	12522101	12711635	12599206	0.79	cps
Thorium	232-1	1528	1672	1450	1550	7.28	cps
Tin	118-1	2934	2959	3000	2964	1.14	cps
Titanium	47-1	500	550	558	536	5.89	cps
Uranium	238-1	2567	2567	2800	2645	5.10	cps
Vanadium	51-2	539575	540774	543806	541385	0.40	cps
Yttrium	89-1	16514016	17106319	15231528	16283954	5.89	cps
Yttrium	89-2	2222547	2232812	2262194	2239184	0.92	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 14:57:10	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	268715	265681	266260	266885	0.60	cps
Zirconium	90-1	2050	2109	1875	2011	6.04	cps
Zirconium	91-1	1325	1383	1417	1375	3.37	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:00:46	DataFile Name :	013LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5093	5143	5201	5146	1.05	cps
Antimony	121-1	39507	39373	39716	39532	0.44	cps
Arsenic	75-2	700	696	683	693	1.26	cps
Barium	135-1	51923	52191	51337	51817	0.84	cps
Barium	137-1	91207	89370	90402	90326	1.02	cps
Beryllium	9-1	6151	6091	6108	6117	0.51	cps
Bismuth	209-1	15331686	15283214	15082596	15232499	0.87	cps
Bismuth	209-2	8316939	8281049	8175778	8257922	0.89	cps
Boron	10-1	40647	38926	40079	39884	2.20	cps
Boron	11-1	181511	182371	180811	181564	0.43	cps
Cadmium	111-1	12416	11593	12023	12011	3.43	cps
Cadmium	106-1	8920	8628	8403	8650	3.00	cps
Cadmium	108-1	500	533	563	532	5.88	cps
Calcium	43-1	35393	35761	35727	35627	0.57	cps
Calcium	44-1	577437	577567	573590	576198	0.39	cps
Chromium	52-2	15051	15351	15248	15217	1.00	cps
Cobalt	59-2	11525	11425	11044	11331	2.24	cps
Copper	63-2	19326	19149	19276	19251	0.47	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	75	83	100	86	14.78	cps
Erbium	164-2	17	20	20	19	10.18	cps
Gadolinium	160-1	175	125	183	161	19.58	cps
Gadolinium	160-2	227	243	253	241	5.59	cps
Holmium	165-1	22269185	22215787	22305439	22263470	0.20	cps
Holmium	165-2	11053341	11020551	10919719	10997870	0.63	cps
Indium	115-1	16804568	16607303	16614007	16675293	0.67	cps
Indium	115-2	3058605	3069717	3046906	3058409	0.37	cps
Iron	56-2	322276	322024	318239	320846	0.70	cps
Iron	57-2	7908	8330	8330	8190	2.98	cps
Krypton	83-1	753	703	760	739	4.19	cps
Lead	206-1	21295	21112	21479	21295	0.86	cps
Lead	207-1	19064	18914	19181	19053	0.70	cps
Lead	208-1	85509	84551	84126	84729	0.84	cps
Lithium	6-1	5345793	5324560	5298827	5323060	0.44	cps
Magnesium	24-2	290296	294203	294307	292935	0.78	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:00:46	DataFile Name :	013LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4174	4221	4551	4315	4.76	cps
Molybdenum	94-1	44387	44562	42933	43960	2.03	cps
Molybdenum	95-1	55501	54865	53718	54695	1.65	cps
Molybdenum	96-1	59233	60044	59324	59534	0.75	cps
Molybdenum	97-1	33941	32964	32756	33221	1.91	cps
Molybdenum	98-1	86681	84910	86226	85939	1.07	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	3110	3067	3297	3158	3.87	cps
Phosphorus	31-2	1150	917	1017	1028	11.39	cps
Potassium	39-2	264453	268421	268640	267171	0.88	cps
Rhodium	103-1	15261315	15276044	15160062	15232474	0.41	cps
Rhodium	103-2	7306852	7249531	7211064	7255816	0.66	cps
Scandium	45-1	10819051	10879364	10786881	10828432	0.43	cps
Scandium	45-2	455567	460051	460702	458773	0.61	cps
Selenium	77-2	157	130	97	128	23.53	cps
Selenium	78-2	454	467	511	477	6.31	cps
Selenium	82-1	2745	2776	2737	2752	0.76	cps
Silicon	28-1	559804	552421	553853	555359	0.70	cps
Silver	109-1	31235	29941	31369	30849	2.56	cps
Silver	107-1	32263	31377	31052	31564	1.99	cps
Sodium	23-2	581405	582351	580832	581529	0.13	cps
Strontium	86-1	8211	7961	7953	8041	1.83	cps
Strontium	88-1	58913	59257	58253	58808	0.87	cps
Sulfur	34-1	654400	640444	652745	649196	1.17	cps
Terbium	159-1	22440540	22694454	22400517	22511837	0.71	cps
Terbium	159-2	10734313	10719760	10658730	10704268	0.37	cps
Thallium	203-1	25333	26344	26778	26152	2.83	cps
Thallium	205-1	61284	62942	61937	62054	1.35	cps
Thorium	232-1	76028	76129	75414	75857	0.51	cps
Tin	118-1	93763	94341	93266	93790	0.57	cps
Titanium	47-1	16735	16744	16451	16643	1.00	cps
Uranium	238-1	75362	75397	75020	75260	0.28	cps
Vanadium	51-2	27042	26885	27118	27015	0.44	cps
Yttrium	89-1	16621369	16597626	16537184	16585393	0.26	cps
Yttrium	89-2	2241154	2240772	2243848	2241924	0.07	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:00:46	DataFile Name :	013LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3300	3254	3484	3346	3.63	cps
Zirconium	90-1	34851	35177	35178	35069	0.54	cps
Zirconium	91-1	7961	7502	7636	7700	3.06	cps

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 15:04:22 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	175	158	153	16.66	cps
Antimony	121-1	1025	1000	933	986	4.81	cps
Arsenic	75-2	24	17	20	20	18.16	cps
Barium	135-1	258	125	108	164	50.16	cps
Barium	137-1	400	233	133	256	52.71	cps
Beryllium	9-1	277	250	250	259	5.95	cps
Bismuth	209-1	15116900	15218950	15040562	15125471	0.59	cps
Bismuth	209-2	8228757	8195535	8155080	8193124	0.45	cps
Boron	10-1	7819	7727	7461	7669	2.43	cps
Boron	11-1	35752	35092	33772	34872	2.89	cps
Cadmium	111-1	5665	5666	5584	5638	0.84	cps
Cadmium	106-1	7877	7969	7911	7919	0.59	cps
Cadmium	108-1	17	29	29	25	28.86	cps
Calcium	43-1	625	325	283	411	45.34	cps
Calcium	44-1	14450	11405	11530	12461	13.83	cps
Chromium	52-2	2027	2090	1930	2016	4.00	cps
Cobalt	59-2	133	150	167	150	11.11	cps
Copper	63-2	3250	3020	3040	3104	4.11	cps
Dysprosium	156-1	0	8	50	19	137.78	cps
Dysprosium	156-2	7	20	10	12	56.76	cps
Erbium	164-1	67	67	83	72	13.33	cps
Erbium	164-2	30	23	17	23	28.56	cps
Gadolinium	160-1	208	158	133	167	22.91	cps
Gadolinium	160-2	250	303	327	293	13.40	cps
Holmium	165-1	22138554	22213442	22055437	22135811	0.36	cps
Holmium	165-2	10992570	10888952	10864362	10915295	0.62	cps
Indium	115-1	16375456	16447494	16586258	16469736	0.65	cps
Indium	115-2	3023202	3001406	3018262	3014290	0.38	cps
Iron	56-2	13473	12700	12300	12824	4.65	cps
Iron	57-2	256	250	306	270	11.32	cps
Krypton	83-1	820	773	657	750	11.22	cps
Lead	206-1	1811	1889	2034	1911	5.90	cps
Lead	207-1	1739	1622	1656	1672	3.59	cps
Lead	208-1	7846	7340	7184	7457	4.64	cps
Lithium	6-1	5326568	5321527	5364532	5337543	0.44	cps
Magnesium	24-2	1325	1442	1367	1378	4.29	cps

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 15:04:22 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	93	127	77	99	25.74	cps
Molybdenum	94-1	958	675	783	806	17.75	cps
Molybdenum	95-1	975	600	575	717	31.27	cps
Molybdenum	96-1	1133	750	733	872	25.94	cps
Molybdenum	97-1	558	475	442	492	12.22	cps
Molybdenum	98-1	1233	908	1017	1053	15.72	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	110	133	107	117	12.46	cps
Phosphorus	31-2	217	175	250	214	17.57	cps
Potassium	39-2	29689	29297	29355	29447	0.72	cps
Rhodium	103-1	15140099	15162649	15215847	15172865	0.26	cps
Rhodium	103-2	7236301	7218444	7196503	7217083	0.28	cps
Scandium	45-1	10912840	10855557	10761227	10843208	0.71	cps
Scandium	45-2	454570	450520	450859	451983	0.50	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	98	80	89	89	10.42	cps
Selenium	82-1	-66	-102	85	-27	-362.47	cps
Silicon	28-1	394094	396091	392327	394170	0.48	cps
Silver	109-1	517	325	525	456	24.84	cps
Silver	107-1	875	475	575	642	32.44	cps
Sodium	23-2	44809	46097	45804	45570	1.48	cps
Strontium	86-1	1183	1200	983	1122	10.74	cps
Strontium	88-1	642	408	358	469	32.21	cps
Sulfur	34-1	644057	644919	646711	645229	0.21	cps
Terbium	159-1	22585336	22116013	22225836	22309062	1.10	cps
Terbium	159-2	10633380	10511279	10613832	10586164	0.62	cps
Thallium	203-1	1809	1875	1892	1859	2.37	cps
Thallium	205-1	4468	4368	4418	4418	1.13	cps
Thorium	232-1	1333	933	917	1061	22.23	cps
Tin	118-1	1275	1217	1383	1292	6.55	cps
Titanium	47-1	300	283	300	294	3.27	cps
Uranium	238-1	667	300	350	439	45.31	cps
Vanadium	51-2	27	27	27	27	0.00	cps
Yttrium	89-1	16442879	16553973	16422918	16473256	0.43	cps
Yttrium	89-2	2202894	2220907	2214502	2212768	0.41	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:04:22	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	307	333	347	329	6.19	cps
Zirconium	90-1	1308	1083	1200	1197	9.40	cps
Zirconium	91-1	300	325	158	261	34.42	cps

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 15:07:59 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21364069	21138510	21416187	21306255	0.69	cps
Antimony	121-1	18271	18955	19740	18989	3.87	cps
Arsenic	75-2	257	194	211	221	14.76	cps
Barium	135-1	6485	6985	7052	6841	4.53	cps
Barium	137-1	12264	11972	12106	12114	1.21	cps
Beryllium	9-1	1563	1533	1670	1589	4.52	cps
Bismuth	209-1	13051541	13144247	13247869	13147886	0.75	cps
Bismuth	209-2	6967192	7015843	6957912	6980315	0.45	cps
Boron	10-1	6160	5618	5951	5910	4.63	cps
Boron	11-1	28520	27618	27568	27902	1.92	cps
Cadmium	111-1	9037	8839	9058	8978	1.35	cps
Cadmium	106-1	7327	7052	7119	7166	2.00	cps
Cadmium	108-1	7982	7936	7898	7938	0.53	cps
Calcium	43-1	6325419	6428931	6480701	6411684	1.23	cps
Calcium	44-1	103127650	104248490	104994154	104123431	0.90	cps
Chromium	52-2	156831	153577	152323	154244	1.51	cps
Cobalt	59-2	12045	11988	12058	12031	0.31	cps
Copper	63-2	57001	56147	56586	56578	0.75	cps
Dysprosium	156-1	75	117	108	100	22.05	cps
Dysprosium	156-2	43	53	53	50	11.55	cps
Erbium	164-1	150	175	167	164	7.77	cps
Erbium	164-2	40	53	73	56	30.20	cps
Gadolinium	160-1	233	233	217	228	4.22	cps
Gadolinium	160-2	267	280	353	300	15.56	cps
Holmium	165-1	21352458	21694722	21571855	21539678	0.80	cps
Holmium	165-2	10510834	10555619	10529944	10532132	0.21	cps
Indium	115-1	15097696	15202301	15297579	15199192	0.66	cps
Indium	115-2	2736938	2739915	2751985	2742946	0.29	cps
Iron	56-2	529964301	527741078	530194756	529300045	0.26	cps
Iron	57-2	12994856	12987829	13005675	12996120	0.07	cps
Krypton	83-1	787	603	693	694	13.20	cps
Lead	206-1	82673	84305	83388	83455	0.98	cps
Lead	207-1	64976	65517	64652	65048	0.67	cps
Lead	208-1	306766	309643	310126	308845	0.59	cps
Lithium	6-1	4933038	4979549	5012396	4974994	0.80	cps
Magnesium	24-2	51784337	52184476	52070438	52013083	0.40	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:07:59	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	28885	28221	28304	28470	1.27	cps
Molybdenum	94-1	10237589	10400044	10448006	10361879	1.06	cps
Molybdenum	95-1	18036890	18332045	18227287	18198741	0.82	cps
Molybdenum	96-1	19399616	19431802	19620475	19483964	0.61	cps
Molybdenum	97-1	11258728	11340767	11422768	11340754	0.72	cps
Molybdenum	98-1	28984365	29386477	29641167	29337336	1.13	cps
Neodymium	150-1	153	53	113	107	47.18	cps
Neodymium	150-2	37	33	27	32	15.80	cps
Nickel	60-2	13747	13533	13780	13687	0.98	cps
Phosphorus	31-2	1220385	1220800	1230767	1223984	0.48	cps
Potassium	39-2	43153509	43182922	43441526	43259319	0.37	cps
Rhodium	103-1	13172464	13295327	13413374	13293722	0.91	cps
Rhodium	103-2	6328173	6358822	6352138	6346378	0.25	cps
Scandium	45-1	10197294	10295924	10383374	10292197	0.90	cps
Scandium	45-2	435505	435555	437279	436113	0.23	cps
Selenium	77-2	0	10	7	6	91.64	cps
Selenium	78-2	96	69	85	83	16.78	cps
Selenium	82-1	-37	189	80	77	146.83	cps
Silicon	28-1	744000	752780	750998	749259	0.62	cps
Silver	109-1	1467	1642	1859	1656	11.85	cps
Silver	107-1	1750	1859	1667	1759	5.47	cps
Sodium	23-2	98488958	98401198	98570058	98486738	0.09	cps
Strontium	86-1	213346	213226	216154	214242	0.77	cps
Strontium	88-1	1828231	1873897	1860895	1854341	1.27	cps
Sulfur	34-1	10343353	10442444	10446511	10410769	0.56	cps
Terbium	159-1	21362173	21766618	21815224	21648005	1.15	cps
Terbium	159-2	10138175	10127744	10115050	10126990	0.11	cps
Thallium	203-1	3551	3901	4051	3834	6.69	cps
Thallium	205-1	7819	8720	9145	8562	7.91	cps
Thorium	232-1	1189	1000	995	1061	10.43	cps
Tin	118-1	3767	3759	3742	3756	0.34	cps
Titanium	47-1	5817758	5853049	5939290	5870033	1.07	cps
Uranium	238-1	1367	1267	1250	1295	4.87	cps
Vanadium	51-2	983	807	897	896	9.86	cps
Yttrium	89-1	15515400	15763216	15705595	15661404	0.83	cps
Yttrium	89-2	2086702	2087543	2101454	2091900	0.40	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:07:59	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	11358	11798	11692	11616	1.98	cps
Zirconium	90-1	1750	1600	1734	1695	4.85	cps
Zirconium	91-1	458	400	342	400	14.58	cps

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 15:11:37 DataFile Name : 016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22334144	22301701	22257373	22297739	0.17	cps
Antimony	121-1	367136	375474	369768	370792	1.15	cps
Arsenic	75-2	12544	12207	12863	12538	2.62	cps
Barium	135-1	103375	106112	107749	105745	2.09	cps
Barium	137-1	182864	188143	184082	185030	1.49	cps
Beryllium	9-1	107161	107718	109071	107984	0.91	cps
Bismuth	209-1	13255326	13298299	13188791	13247472	0.42	cps
Bismuth	209-2	7010697	6969047	6944425	6974723	0.48	cps
Boron	10-1	66421	70406	69418	68749	3.02	cps
Boron	11-1	318484	325038	324243	322588	1.11	cps
Cadmium	111-1	120951	121778	124203	122311	1.38	cps
Cadmium	106-1	24689	25332	25232	25084	1.38	cps
Cadmium	108-1	18930	19539	19009	19159	1.73	cps
Calcium	43-1	6700316	6777557	6779706	6752527	0.67	cps
Calcium	44-1	108227865	109399336	110714515	109447239	1.14	cps
Chromium	52-2	270786	269734	266864	269128	0.75	cps
Cobalt	59-2	222483	218122	220199	220268	0.99	cps
Copper	63-2	204467	203730	206996	205064	0.84	cps
Dysprosium	156-1	67	133	92	97	34.64	cps
Dysprosium	156-2	37	50	40	42	16.43	cps
Erbium	164-1	200	133	125	153	26.91	cps
Erbium	164-2	70	73	93	79	16.00	cps
Gadolinium	160-1	283	158	250	231	28.08	cps
Gadolinium	160-2	257	317	290	288	10.45	cps
Holmium	165-1	21715015	21773932	22062657	21850535	0.85	cps
Holmium	165-2	10531030	10502933	10457094	10497019	0.36	cps
Indium	115-1	15368477	15536281	15456936	15453898	0.54	cps
Indium	115-2	2752108	2768830	2785199	2768712	0.60	cps
Iron	56-2	550059346	547873901	548799423	548910890	0.20	cps
Iron	57-2	13553345	13377481	13527234	13486020	0.70	cps
Krypton	83-1	787	660	747	731	8.86	cps
Lead	206-1	446315	455315	457243	452958	1.29	cps
Lead	207-1	367454	374639	374048	372047	1.07	cps
Lead	208-1	1709161	1733698	1739630	1727497	0.94	cps
Lithium	6-1	5084038	5079297	5102760	5088698	0.24	cps
Magnesium	24-2	54762943	54945578	54548080	54752201	0.36	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:11:37	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	105881	105021	103907	104936	0.94	cps
Molybdenum	94-1	11724410	11907400	11894352	11842054	0.86	cps
Molybdenum	95-1	19697880	19822079	19720522	19746827	0.33	cps
Molybdenum	96-1	20968918	21136298	20927440	21010885	0.53	cps
Molybdenum	97-1	12203991	12385761	12322768	12304174	0.75	cps
Molybdenum	98-1	31746690	31852013	31702715	31767140	0.24	cps
Neodymium	150-1	127	133	120	127	5.27	cps
Neodymium	150-2	30	63	40	44	38.48	cps
Nickel	60-2	67273	67579	68707	67853	1.11	cps
Phosphorus	31-2	1293355	1287610	1294440	1291802	0.28	cps
Potassium	39-2	46030436	45935525	45449189	45805050	0.68	cps
Rhodium	103-1	13506914	13620312	13554329	13560518	0.42	cps
Rhodium	103-2	6398512	6412694	6420445	6410550	0.17	cps
Scandium	45-1	10490383	10554559	10580814	10541918	0.44	cps
Scandium	45-2	446263	442704	446545	445171	0.48	cps
Selenium	77-2	387	323	320	343	10.94	cps
Selenium	78-2	1343	1322	1320	1328	0.93	cps
Selenium	82-1	8875	9004	8769	8882	1.32	cps
Silicon	28-1	1582545	1605894	1607268	1598569	0.87	cps
Silver	109-1	488835	493154	495550	492513	0.69	cps
Silver	107-1	506228	516422	516989	513213	1.18	cps
Sodium	23-2	103004596	103255027	104567065	103608896	0.81	cps
Strontium	86-1	573383	581546	578657	577862	0.72	cps
Strontium	88-1	4964063	5055795	5077410	5032423	1.20	cps
Sulfur	34-1	11008321	10925531	11036623	10990158	0.53	cps
Terbium	159-1	21737810	22078765	21940201	21918925	0.78	cps
Terbium	159-2	10269886	10161640	10266920	10232815	0.60	cps
Thallium	203-1	454978	455124	461900	457334	0.86	cps
Thallium	205-1	1084678	1112207	1110316	1102400	1.39	cps
Thorium	232-1	42426	42108	42521	42352	0.51	cps
Tin	118-1	883964	902282	894182	893476	1.03	cps
Titanium	47-1	6344613	6332113	6322152	6332959	0.18	cps
Uranium	238-1	4034524	4054395	4058687	4049202	0.32	cps
Vanadium	51-2	100519	98456	98355	99110	1.23	cps
Yttrium	89-1	15851738	15972301	16017085	15947041	0.54	cps
Yttrium	89-2	2110172	2103277	2123183	2112211	0.48	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:11:37	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	34487	33769	33368	33875	1.67	cps
Zirconium	90-1	1803611	1806623	1819489	1809908	0.47	cps
Zirconium	91-1	396047	404418	409362	403276	1.67	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CCV74	Instrumnet Name :	P7
Client Sample ID :	CCV74	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:15:16	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14370701	14239011	14355848	14321853	0.50	cps
Antimony	121-1	9255212	9218653	9241343	9238403	0.20	cps
Arsenic	75-2	331901	333562	333164	332876	0.26	cps
Barium	135-1	13206153	13165129	13192827	13188036	0.16	cps
Barium	137-1	22854360	22987524	22661687	22834524	0.72	cps
Beryllium	9-1	2869652	2874119	2869342	2871038	0.09	cps
Bismuth	209-1	12437516	12519531	12516044	12491031	0.37	cps
Bismuth	209-2	6587181	6583337	6565097	6578539	0.18	cps
Boron	10-1	638829	651943	651846	647540	1.16	cps
Boron	11-1	2992738	3067524	3092907	3051056	1.71	cps
Cadmium	111-1	2839256	2879179	2875868	2864768	0.77	cps
Cadmium	106-1	338066	345838	347364	343756	1.45	cps
Cadmium	108-1	232580	230481	231121	231394	0.47	cps
Calcium	43-1	18443100	18510792	18230211	18394701	0.80	cps
Calcium	44-1	299641848	298594782	299744357	299326996	0.21	cps
Chromium	52-2	3456198	3450875	3466899	3457991	0.24	cps
Cobalt	59-2	5598826	5624524	5572487	5598612	0.46	cps
Copper	63-2	7425227	7416027	7353002	7398085	0.53	cps
Dysprosium	156-1	450	400	417	422	6.03	cps
Dysprosium	156-2	237	213	257	236	9.21	cps
Erbium	164-1	92	83	175	117	43.45	cps
Erbium	164-2	50	70	60	60	16.67	cps
Gadolinium	160-1	258	242	242	247	3.89	cps
Gadolinium	160-2	310	337	323	323	4.12	cps
Holmium	165-1	21808195	21910009	21769345	21829183	0.33	cps
Holmium	165-2	10548227	10572059	10524666	10548317	0.22	cps
Indium	115-1	15238044	15244104	15096936	15193028	0.55	cps
Indium	115-2	2792945	2802161	2784090	2793065	0.32	cps
Iron	56-2	740152905	735966194	739528128	738549076	0.31	cps
Iron	57-2	18306169	18294706	18240402	18280426	0.19	cps
Krypton	83-1	793	820	653	756	11.85	cps
Lead	206-1	9295640	9290675	9268368	9284894	0.16	cps
Lead	207-1	8299162	8319767	8279751	8299560	0.24	cps
Lead	208-1	37087358	37153667	36811923	37017649	0.49	cps
Lithium	6-1	5109609	5120170	5141514	5123764	0.32	cps
Magnesium	24-2	150403649	150047128	149511791	149987523	0.30	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CCV74	Instrumnet Name :	P7
Client Sample ID :	CCV74	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:15:16	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4146993	4153920	4166249	4155721	0.23	cps
Molybdenum	94-1	22050278	21903852	21853482	21935871	0.47	cps
Molybdenum	95-1	27168888	27027308	26826558	27007585	0.64	cps
Molybdenum	96-1	29885614	29590545	29724378	29733512	0.50	cps
Molybdenum	97-1	16776147	16744378	16742607	16754377	0.11	cps
Molybdenum	98-1	43278373	43335445	42897502	43170440	0.55	cps
Neodymium	150-1	1527	1307	1413	1416	7.77	cps
Neodymium	150-2	200	220	190	203	7.51	cps
Nickel	60-2	1426081	1421719	1429875	1425892	0.29	cps
Phosphorus	31-2	144603	143964	144643	144403	0.26	cps
Potassium	39-2	63621737	63008674	64187058	63605823	0.93	cps
Rhodium	103-1	13249979	13217301	13177957	13215079	0.27	cps
Rhodium	103-2	6237169	6206461	6198293	6213974	0.33	cps
Scandium	45-1	10783442	10713835	10745219	10747499	0.32	cps
Scandium	45-2	460747	464247	462698	462564	0.38	cps
Selenium	77-2	9937	9833	9640	9803	1.54	cps
Selenium	78-2	32243	32984	32811	32679	1.19	cps
Selenium	82-1	227530	228267	229473	228423	0.43	cps
Silicon	28-1	8427800	8540833	8632601	8533745	1.20	cps
Silver	109-1	13189576	13221744	13068342	13159887	0.61	cps
Silver	107-1	13859826	13714401	13766335	13780187	0.53	cps
Sodium	23-2	280198848	283788948	280132081	281373292	0.74	cps
Strontium	86-1	3634985	3627812	3647427	3636741	0.27	cps
Strontium	88-1	31489941	31519097	31346708	31451915	0.29	cps
Sulfur	34-1	2125040	2120778	2136878	2127565	0.39	cps
Terbium	159-1	21970404	21906435	22071055	21982631	0.38	cps
Terbium	159-2	10150575	10157548	10074521	10127548	0.45	cps
Thallium	203-1	11402429	11507093	11416943	11442155	0.50	cps
Thallium	205-1	27720083	27737372	27749499	27735651	0.05	cps
Thorium	232-1	40580540	40678873	40682983	40647465	0.14	cps
Tin	118-1	9344312	9261391	9241968	9282557	0.59	cps
Titanium	47-1	8360724	8424105	8395043	8393291	0.38	cps
Uranium	238-1	39951176	40053503	39739244	39914641	0.40	cps
Vanadium	51-2	2768522	2770439	2761406	2766789	0.17	cps
Yttrium	89-1	16218761	16094603	16078522	16130629	0.48	cps
Yttrium	89-2	2168580	2189928	2203755	2187421	0.81	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CCV74	Instrumnet Name :	P7
Client Sample ID :	CCV74	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:15:16	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1176305	1170081	1173660	1173349	0.27	cps
Zirconium	90-1	18663249	18543917	18520836	18576000	0.41	cps
Zirconium	91-1	4139784	4119389	4137613	4132262	0.27	cps

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : CCB74 Instrumnet Name : P7
 Client Sample ID : CCB74 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 15:19:37 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	467	383	342	397	16.02	cps
Antimony	121-1	3075	2800	2675	2850	7.18	cps
Arsenic	75-2	30	41	28	33	21.43	cps
Barium	135-1	558	450	308	439	28.57	cps
Barium	137-1	1250	675	533	820	46.32	cps
Beryllium	9-1	440	503	357	433	16.98	cps
Bismuth	209-1	15184026	15364530	15268342	15272299	0.59	cps
Bismuth	209-2	8166695	8204268	8209398	8193454	0.28	cps
Boron	10-1	12973	13081	12647	12900	1.75	cps
Boron	11-1	65576	58974	55846	60132	8.26	cps
Cadmium	111-1	6217	6340	6176	6244	1.37	cps
Cadmium	106-1	8511	8745	8536	8597	1.49	cps
Cadmium	108-1	29	33	29	31	7.86	cps
Calcium	43-1	1158	933	783	958	19.70	cps
Calcium	44-1	26224	22585	18879	22563	16.28	cps
Chromium	52-2	2407	2320	2417	2381	2.23	cps
Cobalt	59-2	167	150	163	160	5.51	cps
Copper	63-2	4788	4891	4671	4783	2.30	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	58	58	42	53	18.23	cps
Erbium	164-2	50	33	27	37	32.78	cps
Gadolinium	160-1	142	167	133	147	11.78	cps
Gadolinium	160-2	220	310	323	284	19.76	cps
Holmium	165-1	22633185	22668661	22638098	22646648	0.08	cps
Holmium	165-2	10997298	11033891	11003577	11011589	0.18	cps
Indium	115-1	16892980	17067453	17038467	16999633	0.55	cps
Indium	115-2	3062835	3083237	3059391	3068488	0.42	cps
Iron	56-2	25612	24465	22657	24245	6.14	cps
Iron	57-2	611	500	544	552	10.13	cps
Krypton	83-1	723	637	730	697	7.47	cps
Lead	206-1	2445	2539	2306	2430	4.83	cps
Lead	207-1	2189	2122	1895	2069	7.46	cps
Lead	208-1	9857	10096	9179	9711	4.90	cps
Lithium	6-1	5508939	5543631	5526003	5526191	0.31	cps
Magnesium	24-2	3025	2867	2492	2795	9.80	cps

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : CCB74 Instrumnet Name : P7
 Client Sample ID : CCB74 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 15:19:37 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	163	163	117	148	18.23	cps
Molybdenum	94-1	3209	2784	2517	2837	12.30	cps
Molybdenum	95-1	5268	3826	3626	4240	21.13	cps
Molybdenum	96-1	5543	4468	3776	4595	19.38	cps
Molybdenum	97-1	2900	2392	2159	2484	15.27	cps
Molybdenum	98-1	7327	6318	5443	6363	14.82	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	160	183	167	170	7.07	cps
Phosphorus	31-2	292	167	150	203	38.18	cps
Potassium	39-2	38535	37573	37072	37727	1.97	cps
Rhodium	103-1	15573171	15665388	15627917	15622159	0.30	cps
Rhodium	103-2	7359080	7399876	7355247	7371401	0.34	cps
Scandium	45-1	11190080	11158166	11155350	11167865	0.17	cps
Scandium	45-2	465330	472576	467186	468364	0.80	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	74	72	100	82	18.92	cps
Selenium	82-1	35	115	6	52	109.24	cps
Silicon	28-1	434634	431644	427053	431111	0.89	cps
Silver	109-1	1617	1475	1075	1389	20.23	cps
Silver	107-1	1834	1467	1367	1556	15.80	cps
Sodium	23-2	60163	59477	58941	59527	1.03	cps
Strontium	86-1	1392	1300	1375	1356	3.60	cps
Strontium	88-1	1775	1425	1067	1422	24.90	cps
Sulfur	34-1	682963	697508	690918	690463	1.05	cps
Terbium	159-1	22795770	22865574	22776466	22812603	0.21	cps
Terbium	159-2	10678425	10765814	10662549	10702263	0.52	cps
Thallium	203-1	3201	3042	3217	3153	3.06	cps
Thallium	205-1	8378	7544	6869	7597	9.95	cps
Thorium	232-1	4179	3401	2789	3456	20.15	cps
Tin	118-1	2350	2184	1700	2078	16.25	cps
Titanium	47-1	733	525	533	597	19.75	cps
Uranium	238-1	2067	1659	1075	1600	31.15	cps
Vanadium	51-2	50	33	23	36	37.90	cps
Yttrium	89-1	16826359	17074782	16962550	16954564	0.73	cps
Yttrium	89-2	2244977	2271814	2271726	2262839	0.68	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CCB74	Instrumnet Name :	P7
Client Sample ID :	CCB74	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:19:37	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	533	653	553	580	11.09	cps
Zirconium	90-1	2050	1967	1717	1911	9.08	cps
Zirconium	91-1	550	425	408	461	16.79	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:23:13	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5076	5234	5501	5271	4.08	cps
Antimony	121-1	39523	39791	39423	39579	0.48	cps
Arsenic	75-2	756	630	772	719	10.84	cps
Barium	135-1	52082	52057	53696	52612	1.79	cps
Barium	137-1	92810	92642	92902	92785	0.14	cps
Beryllium	9-1	6178	6251	6085	6171	1.35	cps
Bismuth	209-1	15394342	15218823	15369301	15327489	0.62	cps
Bismuth	209-2	8230788	8380293	8067671	8226251	1.90	cps
Boron	10-1	40096	39987	40781	40288	1.07	cps
Boron	11-1	186495	187465	186869	186943	0.26	cps
Cadmium	111-1	12379	12307	12059	12248	1.37	cps
Cadmium	106-1	9362	9145	8870	9126	2.70	cps
Cadmium	108-1	638	554	467	553	15.45	cps
Calcium	43-1	36939	37206	36446	36864	1.05	cps
Calcium	44-1	599911	600411	597795	599372	0.23	cps
Chromium	52-2	15719	15699	15689	15702	0.10	cps
Cobalt	59-2	11895	11415	11588	11633	2.09	cps
Copper	63-2	20945	21099	21005	21016	0.37	cps
Dysprosium	156-1	8	8	33	17	86.62	cps
Dysprosium	156-2	0	10	3	4	114.60	cps
Erbium	164-1	100	67	83	83	20.00	cps
Erbium	164-2	33	30	40	34	14.78	cps
Gadolinium	160-1	150	158	158	156	3.09	cps
Gadolinium	160-2	257	283	270	270	4.94	cps
Holmium	165-1	22662826	22526992	22706970	22632263	0.41	cps
Holmium	165-2	11055429	11247981	10895733	11066381	1.59	cps
Indium	115-1	17027947	17046563	16989821	17021444	0.17	cps
Indium	115-2	3063731	3154102	3058779	3092204	1.74	cps
Iron	56-2	335560	337335	337697	336864	0.34	cps
Iron	57-2	7769	8164	8330	8088	3.56	cps
Krypton	83-1	697	683	737	706	3.93	cps
Lead	206-1	21095	21930	21518	21514	1.94	cps
Lead	207-1	19220	18714	18703	18879	1.57	cps
Lead	208-1	83999	85213	84646	84619	0.72	cps
Lithium	6-1	5622920	5557949	5550410	5577093	0.71	cps
Magnesium	24-2	310119	309333	306605	308686	0.60	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:23:13	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4221	4527	4544	4431	4.11	cps
Molybdenum	94-1	44738	45524	45532	45265	1.01	cps
Molybdenum	95-1	55701	55007	55166	55292	0.66	cps
Molybdenum	96-1	61844	60070	62119	61344	1.81	cps
Molybdenum	97-1	34284	35069	35487	34947	1.75	cps
Molybdenum	98-1	88249	90587	88281	89039	1.51	cps
Neodymium	150-1	7	13	20	13	49.99	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	3150	3330	3631	3370	7.20	cps
Phosphorus	31-2	1067	1033	892	997	9.32	cps
Potassium	39-2	277477	282097	278815	279463	0.85	cps
Rhodium	103-1	15670470	15612270	15535202	15605981	0.43	cps
Rhodium	103-2	7454126	7571087	7307586	7444267	1.77	cps
Scandium	45-1	11281820	11279549	11152615	11237995	0.66	cps
Scandium	45-2	467567	483795	468220	473194	1.94	cps
Selenium	77-2	157	143	113	138	16.11	cps
Selenium	78-2	454	454	452	453	0.24	cps
Selenium	82-1	2936	2991	2724	2884	4.89	cps
Silicon	28-1	572607	571179	569338	571042	0.29	cps
Silver	109-1	30902	30258	31344	30835	1.77	cps
Silver	107-1	33674	32906	32363	32981	2.00	cps
Sodium	23-2	600658	594868	596713	597413	0.50	cps
Strontium	86-1	8003	8353	8344	8233	2.43	cps
Strontium	88-1	61390	61532	61475	61466	0.12	cps
Sulfur	34-1	692555	700802	697257	696871	0.59	cps
Terbium	159-1	23023325	22920835	22806353	22916837	0.47	cps
Terbium	159-2	10752541	10920993	10599845	10757793	1.49	cps
Thallium	203-1	24791	26118	25200	25370	2.68	cps
Thallium	205-1	60890	59861	62900	61217	2.52	cps
Thorium	232-1	76316	77359	76683	76786	0.69	cps
Tin	118-1	98519	97965	97202	97895	0.68	cps
Titanium	47-1	17202	17736	16910	17283	2.42	cps
Uranium	238-1	78900	75304	76736	76980	2.35	cps
Vanadium	51-2	28197	27526	28200	27975	1.39	cps
Yttrium	89-1	17131481	16960138	17043698	17045106	0.50	cps
Yttrium	89-2	2259981	2314744	2247582	2274102	1.57	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:23:13	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3300	3427	3260	3329	2.61	cps
Zirconium	90-1	36464	36957	36506	36642	0.75	cps
Zirconium	91-1	8386	7986	8845	8406	5.11	cps

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : PB116261BL Instrumnet Name : P7
 Client Sample ID : PB116261BL Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 15:26:49 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	275	175	203	31.12	cps
Antimony	121-1	642	600	567	603	6.23	cps
Arsenic	75-2	15	20	17	17	16.38	cps
Barium	135-1	125	83	100	103	20.40	cps
Barium	137-1	183	133	92	136	33.72	cps
Beryllium	9-1	210	257	223	230	10.45	cps
Bismuth	209-1	15030271	15282984	15204298	15172517	0.85	cps
Bismuth	209-2	8097273	8058235	7986848	8047452	0.70	cps
Boron	10-1	6568	6794	7410	6924	6.30	cps
Boron	11-1	32511	31392	30064	31322	3.91	cps
Cadmium	111-1	6191	5906	5687	5928	4.27	cps
Cadmium	106-1	8770	8386	8028	8395	4.42	cps
Cadmium	108-1	50	21	17	29	62.27	cps
Calcium	43-1	150	225	242	206	23.75	cps
Calcium	44-1	11922	11547	11305	11591	2.68	cps
Chromium	52-2	2187	2300	2350	2279	3.67	cps
Cobalt	59-2	140	90	77	102	32.66	cps
Copper	63-2	3974	4054	4114	4047	1.74	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	83	33	8	42	91.66	cps
Erbium	164-2	37	33	63	44	36.99	cps
Gadolinium	160-1	242	108	125	158	45.88	cps
Gadolinium	160-2	310	280	263	284	8.31	cps
Holmium	165-1	22284653	22466791	22353864	22368436	0.41	cps
Holmium	165-2	10912186	10862291	10789459	10854646	0.57	cps
Indium	115-1	16779709	16794501	16823600	16799270	0.13	cps
Indium	115-2	3030431	3031417	3009882	3023910	0.40	cps
Iron	56-2	13551	12567	13306	13141	3.90	cps
Iron	57-2	239	222	289	250	13.88	cps
Krypton	83-1	857	733	767	786	8.12	cps
Lead	206-1	1734	1689	1906	1776	6.44	cps
Lead	207-1	1533	1367	1528	1476	6.41	cps
Lead	208-1	6762	6806	7073	6881	2.45	cps
Lithium	6-1	5514729	5532966	5527417	5525037	0.17	cps
Magnesium	24-2	1075	1092	1233	1133	7.68	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	PB116261BL	Instrumnet Name :	P7
Client Sample ID :	PB116261BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:26:49	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	67	97	77	80	19.09	cps
Molybdenum	94-1	967	792	850	870	10.25	cps
Molybdenum	95-1	742	775	617	711	11.74	cps
Molybdenum	96-1	875	933	775	861	9.30	cps
Molybdenum	97-1	508	417	450	458	10.12	cps
Molybdenum	98-1	1025	1075	1067	1056	2.54	cps
Neodymium	150-1	13	20	7	13	49.99	cps
Neodymium	150-2	0	10	7	6	91.64	cps
Nickel	60-2	103	113	110	109	4.68	cps
Phosphorus	31-2	150	200	267	206	28.47	cps
Potassium	39-2	31184	29363	30399	30315	3.01	cps
Rhodium	103-1	15477013	15499732	15440190	15472312	0.19	cps
Rhodium	103-2	7308800	7366893	7247023	7307572	0.82	cps
Scandium	45-1	11132315	11212036	11140407	11161586	0.39	cps
Scandium	45-2	461070	464598	464226	463298	0.42	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	81	69	70	73	9.54	cps
Selenium	82-1	-125	0	-37	-54	-118.74	cps
Silicon	28-1	404006	408027	409292	407108	0.68	cps
Silver	109-1	333	258	400	331	21.44	cps
Silver	107-1	517	525	517	519	0.93	cps
Sodium	23-2	41350	40948	41868	41389	1.11	cps
Strontium	86-1	1167	1150	1208	1175	2.56	cps
Strontium	88-1	358	392	425	392	8.51	cps
Sulfur	34-1	703230	701472	692419	699040	0.83	cps
Terbium	159-1	22459282	22775139	22431580	22555334	0.85	cps
Terbium	159-2	10576952	10606743	10524032	10569242	0.40	cps
Thallium	203-1	1450	1433	1350	1411	3.80	cps
Thallium	205-1	3442	3426	3467	3445	0.61	cps
Thorium	232-1	917	867	956	913	4.88	cps
Tin	118-1	1458	1200	1417	1358	10.21	cps
Titanium	47-1	350	225	333	303	22.42	cps
Uranium	238-1	200	233	283	239	17.56	cps
Vanadium	51-2	30	23	23	26	15.07	cps
Yttrium	89-1	16716576	16830491	16844667	16797245	0.42	cps
Yttrium	89-2	2229859	2221987	2236856	2229567	0.33	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	PB116261BL	Instrumnet Name :	P7
Client Sample ID :	PB116261BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:26:49	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	297	257	303	286	8.84	cps
Zirconium	90-1	1183	1200	1167	1183	1.41	cps
Zirconium	91-1	208	250	258	239	11.22	cps

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : PB116261BS Instrumnet Name : P7
 Client Sample ID : PB116261BS Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 15:30:25 DataFile Name : 021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2667465	2690760	2667789	2675338	0.50	cps
Antimony	121-1	9940239	9837171	9907297	9894902	0.53	cps
Arsenic	75-2	360969	362774	362758	362167	0.29	cps
Barium	135-1	13562900	13421702	13388056	13457552	0.69	cps
Barium	137-1	23661204	23629289	23506116	23598870	0.35	cps
Beryllium	9-1	3068882	3069999	3051168	3063349	0.34	cps
Bismuth	209-1	14238384	14089909	14153501	14160598	0.53	cps
Bismuth	209-2	7554858	7487728	7491963	7511516	0.50	cps
Boron	10-1	677223	679104	688756	681694	0.91	cps
Boron	11-1	3150224	3167537	3215783	3177848	1.07	cps
Cadmium	111-1	3193831	3234708	3231274	3219938	0.70	cps
Cadmium	106-1	371847	373447	375351	373548	0.47	cps
Cadmium	108-1	254944	254610	256645	255400	0.43	cps
Calcium	43-1	3829015	3809869	3835904	3824930	0.35	cps
Calcium	44-1	61631797	61297603	61335458	61421619	0.30	cps
Chromium	52-2	3483379	3497576	3501752	3494236	0.28	cps
Cobalt	59-2	5814699	5878024	5823602	5838775	0.59	cps
Copper	63-2	8152559	8131309	8135330	8139733	0.14	cps
Dysprosium	156-1	300	300	417	339	19.88	cps
Dysprosium	156-2	207	147	233	196	22.70	cps
Erbium	164-1	133	125	92	117	18.90	cps
Erbium	164-2	40	40	43	41	4.68	cps
Gadolinium	160-1	217	233	200	217	7.69	cps
Gadolinium	160-2	353	347	300	333	8.72	cps
Holmium	165-1	22392660	22448467	22519345	22453491	0.28	cps
Holmium	165-2	10887291	10929994	10816020	10877768	0.53	cps
Indium	115-1	15996999	15929427	16023889	15983438	0.30	cps
Indium	115-2	2900835	2922273	2933138	2918749	0.56	cps
Iron	56-2	154628581	154791953	154079165	154499900	0.24	cps
Iron	57-2	3814194	3815378	3797774	3809115	0.26	cps
Krypton	83-1	643	730	817	730	11.87	cps
Lead	206-1	10005854	10017566	10101344	10041588	0.52	cps
Lead	207-1	9019419	8978171	9069609	9022400	0.51	cps
Lead	208-1	40075881	40028176	40162137	40088731	0.17	cps
Lithium	6-1	5395803	5300276	5310596	5335558	0.98	cps
Magnesium	24-2	32232391	31967851	32008498	32069580	0.44	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	PB116261BS	Instrumnet Name :	P7
Client Sample ID :	PB116261BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:30:25	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4262359	4282326	4280179	4274954	0.26	cps
Molybdenum	94-1	22410365	22043193	22154368	22202642	0.85	cps
Molybdenum	95-1	27440635	27117067	27200081	27252594	0.62	cps
Molybdenum	96-1	30005241	30259837	30174092	30146390	0.43	cps
Molybdenum	97-1	17032038	16991937	16970950	16998309	0.18	cps
Molybdenum	98-1	44157546	43582090	43625193	43788276	0.73	cps
Neodymium	150-1	1567	1227	1527	1440	12.91	cps
Neodymium	150-2	153	110	150	138	17.50	cps
Nickel	60-2	1521293	1549051	1539219	1536521	0.92	cps
Phosphorus	31-2	148761	150589	149688	149679	0.61	cps
Potassium	39-2	12715823	12700622	12664433	12693626	0.21	cps
Rhodium	103-1	14511170	14286845	14387912	14395309	0.78	cps
Rhodium	103-2	6827251	6788951	6815747	6810650	0.29	cps
Scandium	45-1	10886104	10828225	10842254	10852194	0.28	cps
Scandium	45-2	464620	466704	466282	465869	0.24	cps
Selenium	77-2	11431	10908	11118	11152	2.36	cps
Selenium	78-2	36756	37096	37276	37042	0.71	cps
Selenium	82-1	263214	263176	263591	263327	0.09	cps
Silicon	28-1	8521290	8671131	8634890	8609104	0.91	cps
Silver	109-1	14658457	14594020	14716718	14656398	0.42	cps
Silver	107-1	15338682	15183214	15223031	15248309	0.53	cps
Sodium	23-2	57970337	57065824	57831912	57622691	0.85	cps
Strontium	86-1	3732670	3706060	3734511	3724414	0.43	cps
Strontium	88-1	32310776	32083272	32130550	32174866	0.37	cps
Sulfur	34-1	2180376	2151322	2152408	2161369	0.76	cps
Terbium	159-1	22770097	22397506	22514733	22560779	0.84	cps
Terbium	159-2	10595703	10531273	10527209	10551395	0.36	cps
Thallium	203-1	12444431	12357976	12392607	12398338	0.35	cps
Thallium	205-1	29653249	29537521	29924176	29704982	0.67	cps
Thorium	232-1	42119150	42099834	41870504	42029829	0.33	cps
Tin	118-1	9764510	9686283	9597049	9682614	0.87	cps
Titanium	47-1	8300073	8385459	8314830	8333454	0.55	cps
Uranium	238-1	41602055	41452980	41417185	41490740	0.24	cps
Vanadium	51-2	2766123	2781684	2782422	2776743	0.33	cps
Yttrium	89-1	16575060	16357076	16593538	16508558	0.80	cps
Yttrium	89-2	2232318	2234658	2213455	2226810	0.52	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	PB116261BS	Instrumnet Name :	P7
Client Sample ID :	PB116261BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:30:25	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1255696	1270448	1257460	1261202	0.64	cps
Zirconium	90-1	18776735	18716206	18710705	18734549	0.20	cps
Zirconium	91-1	4161279	4139548	4161382	4154070	0.30	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-04	Instrumnet Name :	P7
Client Sample ID :	EB-01072019-01-FF	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:34:03	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	358	300	317	325	9.24	cps
Antimony	121-1	3142	2800	2742	2895	7.47	cps
Arsenic	75-2	63	74	76	71	9.88	cps
Barium	135-1	3109	2842	2725	2892	6.80	cps
Barium	137-1	5185	4434	4451	4690	9.14	cps
Beryllium	9-1	397	443	320	387	16.11	cps
Bismuth	209-1	15868381	17127702	17174191	16723425	4.43	cps
Bismuth	209-2	9035894	8971659	8943593	8983716	0.53	cps
Boron	10-1	17294	16034	15217	16181	6.47	cps
Boron	11-1	80650	73940	69661	74750	7.41	cps
Cadmium	111-1	6209	6595	6963	6589	5.72	cps
Cadmium	106-1	8220	8953	9437	8870	6.91	cps
Cadmium	108-1	58	38	50	49	21.57	cps
Calcium	43-1	12890	12856	12489	12745	1.74	cps
Calcium	44-1	211503	209083	211095	210560	0.62	cps
Chromium	52-2	7399	7332	7419	7383	0.61	cps
Cobalt	59-2	433	370	347	383	11.70	cps
Copper	63-2	9833	9740	9340	9638	2.72	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	50	67	83	67	25.00	cps
Erbium	164-2	47	43	33	41	16.89	cps
Gadolinium	160-1	133	258	192	194	32.17	cps
Gadolinium	160-2	310	313	383	336	12.34	cps
Holmium	165-1	22889852	25136967	24965104	24330641	5.14	cps
Holmium	165-2	11949729	11902926	11791727	11881461	0.68	cps
Indium	115-1	17100371	18715029	18789352	18201584	5.24	cps
Indium	115-2	3293915	3319476	3295067	3302820	0.44	cps
Iron	56-2	35844	34380	34285	34836	2.51	cps
Iron	57-2	778	956	822	852	10.86	cps
Krypton	83-1	727	780	733	747	3.89	cps
Lead	206-1	6329	5435	4951	5572	12.55	cps
Lead	207-1	5468	4662	4262	4797	12.80	cps
Lead	208-1	24103	21535	19656	21765	10.26	cps
Lithium	6-1	5609176	6003974	5977968	5863706	3.77	cps
Magnesium	24-2	3034	3000	2950	2995	1.40	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-04	Instrumnet Name :	P7
Client Sample ID :	EB-01072019-01-FF	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:34:03	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6515	5968	6455	6313	4.75	cps
Molybdenum	94-1	5418	4626	4309	4784	11.94	cps
Molybdenum	95-1	8128	7319	5910	7119	15.77	cps
Molybdenum	96-1	8787	7836	6277	7633	16.60	cps
Molybdenum	97-1	5135	4651	3559	4448	18.15	cps
Molybdenum	98-1	12256	10855	9387	10832	13.24	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	0	0	10	3	173.21	cps
Nickel	60-2	2100	2050	2024	2058	1.89	cps
Phosphorus	31-2	150	225	258	211	26.28	cps
Potassium	39-2	38952	40448	40197	39866	2.01	cps
Rhodium	103-1	15647052	17175424	17026174	16616217	5.07	cps
Rhodium	103-2	7994422	7999377	7856241	7950013	1.02	cps
Scandium	45-1	10984741	12138576	12118373	11747230	5.62	cps
Scandium	45-2	499147	500187	493484	497606	0.72	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	100	74	80	85	16.14	cps
Selenium	82-1	40	-28	5	6	609.93	cps
Silicon	28-1	533938	539057	537931	536975	0.50	cps
Silver	109-1	1834	1142	1008	1328	33.36	cps
Silver	107-1	1834	1275	1250	1453	22.70	cps
Sodium	23-2	100393	99126	98011	99177	1.20	cps
Strontium	86-1	3501	3859	3576	3645	5.19	cps
Strontium	88-1	24513	22861	23036	23470	3.87	cps
Sulfur	34-1	612954	618960	618844	616919	0.56	cps
Terbium	159-1	23059370	25441956	25122950	24541425	5.27	cps
Terbium	159-2	11638364	11514579	11521694	11558212	0.60	cps
Thallium	203-1	4484	3251	3017	3584	22.00	cps
Thallium	205-1	9762	7653	6894	8103	18.34	cps
Thorium	232-1	15289	20155	16111	17185	15.16	cps
Tin	118-1	4192	4309	3384	3962	12.72	cps
Titanium	47-1	950	642	575	722	27.70	cps
Uranium	238-1	2900	1267	1092	1753	56.91	cps
Vanadium	51-2	100	87	90	92	7.52	cps
Yttrium	89-1	17052959	18983883	18696424	18244422	5.71	cps
Yttrium	89-2	2406226	2429172	2393954	2409784	0.74	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-04	Instrumnet Name :	P7
Client Sample ID :	EB-01072019-01-FF	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:34:03	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	16673	16399	16733	16602	1.07	cps
Zirconium	90-1	3309	2817	2709	2945	10.86	cps
Zirconium	91-1	742	617	525	628	17.33	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1089-04RE	Instrumnet Name :	P7
Client Sample ID :	EB-01082019-01-FFRE	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:37:39	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	242	317	392	317	23.68	cps
Antimony	121-1	1258	1150	1183	1197	4.64	cps
Arsenic	75-2	81	72	89	81	10.33	cps
Barium	135-1	7494	8386	8128	8003	5.74	cps
Barium	137-1	14283	13899	14366	14183	1.76	cps
Beryllium	9-1	250	277	220	249	11.39	cps
Bismuth	209-1	16668103	16665035	16563467	16632201	0.36	cps
Bismuth	209-2	8762926	8767689	8750710	8760441	0.10	cps
Boron	10-1	9120	9120	8286	8842	5.44	cps
Boron	11-1	41349	40689	39845	40628	1.86	cps
Cadmium	111-1	6680	6821	6924	6808	1.80	cps
Cadmium	106-1	8820	9145	9270	9078	2.56	cps
Cadmium	108-1	75	92	63	76	19.16	cps
Calcium	43-1	14024	14291	13982	14099	1.19	cps
Calcium	44-1	234973	234050	234778	234600	0.21	cps
Chromium	52-2	90411	89107	89771	89763	0.73	cps
Cobalt	59-2	650	673	667	663	1.81	cps
Copper	63-2	344691	343871	344125	344229	0.12	cps
Dysprosium	156-1	75	58	67	67	12.49	cps
Dysprosium	156-2	27	33	33	31	12.36	cps
Erbium	164-1	158	167	175	167	5.00	cps
Erbium	164-2	97	57	67	73	28.39	cps
Gadolinium	160-1	283	258	292	278	6.25	cps
Gadolinium	160-2	337	337	280	318	10.30	cps
Holmium	165-1	24115056	24251969	24265056	24210694	0.34	cps
Holmium	165-2	11724168	11600005	11596217	11640130	0.63	cps
Indium	115-1	18315584	18283559	18020332	18206492	0.89	cps
Indium	115-2	3235461	3231019	3263654	3243378	0.55	cps
Iron	56-2	118698	121460	119920	120026	1.15	cps
Iron	57-2	2745	2923	2912	2860	3.48	cps
Krypton	83-1	770	680	690	713	6.91	cps
Lead	206-1	10121	10010	9976	10036	0.75	cps
Lead	207-1	8036	7775	8125	7979	2.28	cps
Lead	208-1	37444	36748	37466	37219	1.10	cps
Lithium	6-1	5908052	5860586	5806066	5858235	0.87	cps
Magnesium	24-2	6552	6210	6185	6315	3.24	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1089-04RE	Instrumnet Name :	P7
Client Sample ID :	EB-01082019-01-FFRE	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:37:39	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4187	3907	4131	4075	3.63	cps
Molybdenum	94-1	3451	2884	3117	3150	9.04	cps
Molybdenum	95-1	4326	4051	4309	4229	3.65	cps
Molybdenum	96-1	4709	4701	4826	4745	1.47	cps
Molybdenum	97-1	2859	2667	2667	2731	4.05	cps
Molybdenum	98-1	7219	7035	6285	6846	7.23	cps
Neodymium	150-1	73	60	47	60	22.22	cps
Neodymium	150-2	23	13	10	16	44.60	cps
Nickel	60-2	5474	5308	5558	5447	2.34	cps
Phosphorus	31-2	267	317	267	283	10.19	cps
Potassium	39-2	33873	35368	34967	34736	2.23	cps
Rhodium	103-1	16691102	16641652	16564134	16632296	0.38	cps
Rhodium	103-2	7900710	7711129	7792431	7801423	1.22	cps
Scandium	45-1	11935965	11807799	11891156	11878307	0.55	cps
Scandium	45-2	493070	489227	488163	490153	0.53	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	78	106	89	91	15.41	cps
Selenium	82-1	-34	69	56	30	185.79	cps
Silicon	28-1	414168	412970	409663	412267	0.57	cps
Silver	109-1	550	475	417	481	13.91	cps
Silver	107-1	658	592	642	631	5.50	cps
Sodium	23-2	111697	112318	111746	111920	0.31	cps
Strontium	86-1	3417	3717	3726	3620	4.85	cps
Strontium	88-1	21642	21283	20524	21150	2.70	cps
Sulfur	34-1	2134806	2134513	2142002	2137107	0.20	cps
Terbium	159-1	24782103	24419291	24398294	24533229	0.88	cps
Terbium	159-2	11430568	11220987	11180789	11277448	1.19	cps
Thallium	203-1	1892	1775	1825	1831	3.20	cps
Thallium	205-1	4201	4034	4067	4101	2.15	cps
Thorium	232-1	4306	4279	3951	4179	4.73	cps
Tin	118-1	2575	2509	2117	2400	10.32	cps
Titanium	47-1	233	383	292	303	24.97	cps
Uranium	238-1	650	650	500	600	14.43	cps
Vanadium	51-2	223	177	183	194	12.98	cps
Yttrium	89-1	18276238	18208513	18077236	18187329	0.56	cps
Yttrium	89-2	2405496	2376612	2365784	2382630	0.86	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1089-04RE	Instrumnet Name :	P7
Client Sample ID :	EB-01082019-01-FFRE	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:37:39	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	83507	83145	82927	83193	0.35	cps
Zirconium	90-1	1759	1542	1742	1681	7.17	cps
Zirconium	91-1	383	333	233	317	24.12	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1104-01RE	Instrumnet Name :	P7
Client Sample ID :	EB-01092019-01RE	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:41:16	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	267	250	217	244	10.41	cps
Antimony	121-1	483	692	467	547	22.91	cps
Arsenic	75-2	30	31	31	31	3.46	cps
Barium	135-1	1875	1892	1850	1872	1.12	cps
Barium	137-1	3134	3184	3034	3117	2.45	cps
Beryllium	9-1	273	267	207	249	14.75	cps
Bismuth	209-1	16658736	16329876	16388447	16459020	1.07	cps
Bismuth	209-2	8663071	8494501	8694842	8617471	1.25	cps
Boron	10-1	6393	6143	6160	6232	2.24	cps
Boron	11-1	30866	29388	29480	29911	2.77	cps
Cadmium	111-1	6439	6459	6058	6319	3.58	cps
Cadmium	106-1	9020	9045	8545	8870	3.18	cps
Cadmium	108-1	13	38	33	28	48.22	cps
Calcium	43-1	7227	6743	6735	6902	4.08	cps
Calcium	44-1	118522	118228	118472	118408	0.13	cps
Chromium	52-2	21753	21149	21239	21380	1.52	cps
Cobalt	59-2	157	113	133	134	16.13	cps
Copper	63-2	13183	13707	13920	13603	2.79	cps
Dysprosium	156-1	33	50	17	33	49.99	cps
Dysprosium	156-2	10	17	10	12	31.50	cps
Erbium	164-1	108	125	92	108	15.39	cps
Erbium	164-2	70	37	33	47	43.45	cps
Gadolinium	160-1	183	292	250	242	22.61	cps
Gadolinium	160-2	377	237	310	308	22.75	cps
Holmium	165-1	24351658	24144191	23517738	24004529	1.81	cps
Holmium	165-2	11531578	11394274	11422059	11449304	0.63	cps
Indium	115-1	18302647	18112453	17728930	18048010	1.62	cps
Indium	115-2	3168445	3181200	3201366	3183670	0.52	cps
Iron	56-2	31640	32881	31785	32102	2.11	cps
Iron	57-2	783	850	661	765	12.53	cps
Krypton	83-1	713	673	667	684	3.69	cps
Lead	206-1	2623	2656	2439	2573	4.54	cps
Lead	207-1	2195	2122	2184	2167	1.79	cps
Lead	208-1	10213	9857	10069	10046	1.78	cps
Lithium	6-1	5935973	5864074	5825829	5875292	0.95	cps
Magnesium	24-2	2017	1767	1984	1922	7.06	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1104-01RE	Instrumnet Name :	P7
Client Sample ID :	EB-01092019-01RE	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:41:16	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	853	887	763	834	7.65	cps
Molybdenum	94-1	1408	1383	1058	1283	15.22	cps
Molybdenum	95-1	1617	1483	1358	1486	8.69	cps
Molybdenum	96-1	1825	1617	1492	1645	10.24	cps
Molybdenum	97-1	958	825	758	847	12.02	cps
Molybdenum	98-1	2234	2175	2334	2248	3.56	cps
Neodymium	150-1	33	33	7	24	62.97	cps
Neodymium	150-2	3	13	10	9	57.30	cps
Nickel	60-2	1007	1133	1180	1107	8.10	cps
Phosphorus	31-2	225	183	275	228	20.15	cps
Potassium	39-2	31718	29714	31117	30850	3.33	cps
Rhodium	103-1	16860492	16552689	16466564	16626582	1.25	cps
Rhodium	103-2	7686306	7708485	7744562	7713117	0.38	cps
Scandium	45-1	11940689	11835821	11691247	11822586	1.06	cps
Scandium	45-2	483132	484480	490082	485898	0.76	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	81	91	89	87	5.63	cps
Selenium	82-1	6	23	-12	6	311.49	cps
Silicon	28-1	349452	353703	358502	353886	1.28	cps
Silver	109-1	383	333	442	386	14.04	cps
Silver	107-1	408	425	392	408	4.08	cps
Sodium	23-2	65360	65761	65109	65410	0.50	cps
Strontium	86-1	1942	1475	1500	1639	16.02	cps
Strontium	88-1	5893	5852	5343	5696	5.38	cps
Sulfur	34-1	693703	701581	693357	696214	0.67	cps
Terbium	159-1	24570700	24229421	24080783	24293635	1.03	cps
Terbium	159-2	11180978	11171718	11155170	11169289	0.12	cps
Thallium	203-1	1475	1592	1392	1486	6.76	cps
Thallium	205-1	3934	3401	3667	3667	7.27	cps
Thorium	232-1	2339	2045	1845	2076	11.98	cps
Tin	118-1	1492	1650	1425	1522	7.59	cps
Titanium	47-1	350	350	283	328	11.74	cps
Uranium	238-1	217	242	275	244	11.97	cps
Vanadium	51-2	43	47	37	42	12.06	cps
Yttrium	89-1	18252689	17877248	17995700	18041879	1.06	cps
Yttrium	89-2	2328144	2352279	2350637	2343687	0.58	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1104-01RE	Instrumnet Name :	P7
Client Sample ID :	EB-01092019-01RE	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:41:16	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	9810	9940	10080	9944	1.36	cps
Zirconium	90-1	1350	1308	1542	1400	8.89	cps
Zirconium	91-1	375	258	283	306	20.10	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1104-02RE	Instrumnet Name :	P7
Client Sample ID :	EB-01092019-01-FFRE	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:44:52	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4676	4493	4909	4693	4.45	cps
Antimony	121-1	550	742	750	681	16.62	cps
Arsenic	75-2	54	33	52	46	24.33	cps
Barium	135-1	14366	14308	13983	14219	1.45	cps
Barium	137-1	25491	24247	23871	24536	3.45	cps
Beryllium	9-1	260	300	270	277	7.52	cps
Bismuth	209-1	16763945	16260074	16348791	16457603	1.63	cps
Bismuth	209-2	8646953	8635991	8646418	8643121	0.07	cps
Boron	10-1	5485	5051	5234	5257	4.14	cps
Boron	11-1	26699	24362	23444	24835	6.76	cps
Cadmium	111-1	6420	6478	6485	6461	0.55	cps
Cadmium	106-1	8736	8770	8803	8770	0.38	cps
Cadmium	108-1	100	75	92	89	14.32	cps
Calcium	43-1	5826	6318	6026	6057	4.08	cps
Calcium	44-1	107900	107783	108480	108054	0.35	cps
Chromium	52-2	320590	320835	324938	322121	0.76	cps
Cobalt	59-2	847	880	833	853	2.82	cps
Copper	63-2	1707404	1721025	1716193	1714874	0.40	cps
Dysprosium	156-1	1250	1017	1075	1114	10.90	cps
Dysprosium	156-2	567	637	593	599	5.90	cps
Erbium	164-1	1183	983	1183	1117	10.34	cps
Erbium	164-2	580	543	533	552	4.45	cps
Gadolinium	160-1	1400	1283	1350	1345	4.35	cps
Gadolinium	160-2	867	877	1013	919	8.92	cps
Holmium	165-1	24404899	23691687	23573172	23889919	1.88	cps
Holmium	165-2	11551260	11517362	11502271	11523631	0.22	cps
Indium	115-1	18312121	18058401	17788406	18052976	1.45	cps
Indium	115-2	3185500	3197732	3242467	3208566	0.93	cps
Iron	56-2	274398	274917	277663	275659	0.64	cps
Iron	57-2	7152	6763	6907	6941	2.83	cps
Krypton	83-1	760	800	670	743	8.96	cps
Lead	206-1	53770	52789	52632	53064	1.16	cps
Lead	207-1	43656	43003	41856	42838	2.13	cps
Lead	208-1	205442	199972	198443	201286	1.83	cps
Lithium	6-1	5982163	5865544	5854902	5900870	1.20	cps
Magnesium	24-2	2692	2609	2575	2625	2.29	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1104-02RE	Instrumnet Name :	P7
Client Sample ID :	EB-01092019-01-FFRE	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:44:52	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4231	4561	4511	4434	4.01	cps
Molybdenum	94-1	1742	1608	1734	1695	4.41	cps
Molybdenum	95-1	1950	2059	1975	1995	2.84	cps
Molybdenum	96-1	2392	2484	2409	2428	2.01	cps
Molybdenum	97-1	1350	1325	1275	1317	2.90	cps
Molybdenum	98-1	3242	3125	3050	3139	3.08	cps
Neodymium	150-1	1320	1493	1387	1400	6.25	cps
Neodymium	150-2	567	430	527	508	13.84	cps
Nickel	60-2	5661	5715	5611	5662	0.91	cps
Phosphorus	31-2	258	250	208	239	11.21	cps
Potassium	39-2	31651	32061	31367	31693	1.10	cps
Rhodium	103-1	16807410	16514577	16377800	16566596	1.32	cps
Rhodium	103-2	7682090	7709149	7772501	7721247	0.60	cps
Scandium	45-1	11965716	11904981	11803403	11891367	0.69	cps
Scandium	45-2	488645	487498	490463	488869	0.31	cps
Selenium	77-2	3	7	7	6	34.70	cps
Selenium	78-2	67	109	67	81	30.41	cps
Selenium	82-1	-16	-115	65	-22	-409.62	cps
Silicon	28-1	551692	557506	566089	558429	1.30	cps
Silver	109-1	208	308	308	275	21.00	cps
Silver	107-1	242	450	392	361	29.76	cps
Sodium	23-2	80106	80340	78891	79779	0.98	cps
Strontium	86-1	2325	2175	2267	2256	3.35	cps
Strontium	88-1	10279	10354	10613	10415	1.68	cps
Sulfur	34-1	1239638	1238561	1225847	1234682	0.62	cps
Terbium	159-1	24563430	24152106	24070525	24262020	1.09	cps
Terbium	159-2	11193931	11087641	11212017	11164530	0.60	cps
Thallium	203-1	1475	1142	1233	1283	13.42	cps
Thallium	205-1	2967	3184	2684	2945	8.52	cps
Thorium	232-1	1517	1545	1428	1496	4.07	cps
Tin	118-1	2967	3109	3125	3067	2.84	cps
Titanium	47-1	208	250	225	228	9.21	cps
Uranium	238-1	1000	850	892	914	8.47	cps
Vanadium	51-2	270	283	230	261	10.63	cps
Yttrium	89-1	18267999	18117236	17745443	18043559	1.49	cps
Yttrium	89-2	2347626	2359545	2377451	2361541	0.64	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1104-02RE	Instrumnet Name :	P7
Client Sample ID :	EB-01092019-01-FFRE	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:44:52	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	355134	356684	358786	356868	0.51	cps
Zirconium	90-1	1267	1292	1467	1342	8.12	cps
Zirconium	91-1	308	242	267	272	12.37	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-02	Instrumnet Name :	P7
Client Sample ID :	D-01072019-01-FF	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:48:29	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	137368	137755	136711	137278	0.38	cps
Antimony	121-1	165777	165323	171031	167377	1.90	cps
Arsenic	75-2	252	252	246	250	1.28	cps
Barium	135-1	20800	20257	20783	20613	1.50	cps
Barium	137-1	35555	35070	36316	35647	1.76	cps
Beryllium	9-1	1140	1273	1210	1208	5.52	cps
Bismuth	209-1	12889779	13104056	13065174	13019670	0.88	cps
Bismuth	209-2	6689059	6693482	6645354	6675965	0.40	cps
Boron	10-1	380766	385872	384526	383721	0.69	cps
Boron	11-1	1833638	1818174	1853434	1835082	0.96	cps
Cadmium	111-1	26784	27063	27645	27164	1.62	cps
Cadmium	106-1	9337	9237	9796	9456	3.15	cps
Cadmium	108-1	1508	1588	1654	1583	4.61	cps
Calcium	43-1	2870195	2851351	2892045	2871197	0.71	cps
Calcium	44-1	46622443	46689348	47288448	46866746	0.78	cps
Chromium	52-2	269872676	267138083	265270823	267427194	0.87	cps
Cobalt	59-2	100159	100686	98763	99869	0.99	cps
Copper	63-2	7689010	7627220	7598182	7638137	0.61	cps
Dysprosium	156-1	3659	3601	3459	3573	2.88	cps
Dysprosium	156-2	1787	1830	1780	1799	1.51	cps
Erbium	164-1	4576	4526	4901	4668	4.36	cps
Erbium	164-2	2034	2124	2047	2068	2.35	cps
Gadolinium	160-1	3909	4084	4501	4165	7.30	cps
Gadolinium	160-2	2477	2190	2210	2292	6.98	cps
Holmium	165-1	20643046	20985482	20933578	20854036	0.88	cps
Holmium	165-2	9899264	9841693	9694858	9811938	1.07	cps
Indium	115-1	14737509	14973543	14991804	14900952	0.95	cps
Indium	115-2	2603558	2611434	2575951	2596981	0.72	cps
Iron	56-2	3077548	3062060	3027007	3055538	0.85	cps
Iron	57-2	87454	87471	86934	87286	0.35	cps
Krypton	83-1	1207	1317	1413	1312	7.88	cps
Lead	206-1	21117	20661	19526	20435	4.01	cps
Lead	207-1	18452	17262	15866	17193	7.53	cps
Lead	208-1	82757	78246	75241	78748	4.80	cps
Lithium	6-1	5158310	5236279	5261511	5218700	1.03	cps
Magnesium	24-2	3956747	3944273	3897987	3933002	0.79	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-02	Instrumnet Name :	P7
Client Sample ID :	D-01072019-01-FF	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:48:29	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2722052	2714569	2686564	2707728	0.69	cps
Molybdenum	94-1	7319	7611	7711	7547	2.70	cps
Molybdenum	95-1	5101	5009	5176	5096	1.64	cps
Molybdenum	96-1	5893	6043	6035	5990	1.41	cps
Molybdenum	97-1	3567	3759	3617	3648	2.73	cps
Molybdenum	98-1	7544	8403	8094	8014	5.43	cps
Neodymium	150-1	4061	3827	3667	3852	5.14	cps
Neodymium	150-2	1367	1367	1257	1330	4.78	cps
Nickel	60-2	210457	210106	210018	210194	0.11	cps
Phosphorus	31-2	375	425	417	406	6.61	cps
Potassium	39-2	895369	894590	887821	892594	0.47	cps
Rhodium	103-1	13048571	13253214	13152446	13151410	0.78	cps
Rhodium	103-2	6137977	6149217	6070803	6119332	0.69	cps
Scandium	45-1	10168117	10165105	10309283	10214168	0.81	cps
Scandium	45-2	412176	416004	407496	411892	1.03	cps
Selenium	77-2	67	40	37	48	34.42	cps
Selenium	78-2	170	180	181	177	3.36	cps
Selenium	82-1	1182	1080	1156	1139	4.68	cps
Silicon	28-1	499981928	502135011	503361695	501826211	0.34	cps
Silver	109-1	21834	17612	13741	17729	22.83	cps
Silver	107-1	23387	18046	14675	18702	23.49	cps
Sodium	23-2	172379604	170367150	169334566	170693773	0.91	cps
Strontium	86-1	239051	244933	245568	243184	1.48	cps
Strontium	88-1	2047220	2114175	2125259	2095551	2.01	cps
Sulfur	34-1	3749419	3724341	3771263	3748341	0.63	cps
Terbium	159-1	20829842	21173301	21145259	21049467	0.91	cps
Terbium	159-2	9519954	9569578	9415675	9501736	0.83	cps
Thallium	203-1	26728	19490	15702	20640	27.14	cps
Thallium	205-1	65297	48691	37905	50631	27.25	cps
Thorium	232-1	2673	2917	3195	2928	8.93	cps
Tin	118-1	25541	25691	26142	25791	1.21	cps
Titanium	47-1	15400	16351	16034	15929	3.04	cps
Uranium	238-1	4293	4168	4743	4401	6.87	cps
Vanadium	51-2	1480	1527	1427	1478	3.39	cps
Yttrium	89-1	15069915	15407872	15409299	15295696	1.28	cps
Yttrium	89-2	1966886	1977433	1948061	1964127	0.76	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-02	Instrumnet Name :	P7
Client Sample ID :	D-01072019-01-FF	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:48:29	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	102171	101466	99963	101200	1.11	cps
Zirconium	90-1	12973	12698	12823	12831	1.07	cps
Zirconium	91-1	2625	2459	2825	2636	6.96	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-06	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-29-BR-0107201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:52:11	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	633	667	517	606	13.01	cps
Antimony	121-1	18396	18504	18112	18338	1.10	cps
Arsenic	75-2	1120	1098	1270	1163	8.06	cps
Barium	135-1	702330	698573	710341	703748	0.85	cps
Barium	137-1	1228524	1238227	1235362	1234038	0.40	cps
Beryllium	9-1	220	247	237	234	5.74	cps
Bismuth	209-1	13339687	13552984	13709401	13534024	1.37	cps
Bismuth	209-2	6801717	6831772	6607773	6747087	1.80	cps
Boron	10-1	66011	64438	65852	65434	1.32	cps
Boron	11-1	304264	305338	305088	304897	0.18	cps
Cadmium	111-1	6005	5865	5821	5897	1.63	cps
Cadmium	106-1	7336	7252	7369	7319	0.82	cps
Cadmium	108-1	67	100	71	79	22.94	cps
Calcium	43-1	6088387	6054657	6085807	6076284	0.31	cps
Calcium	44-1	98689025	98582225	99229527	98833592	0.35	cps
Chromium	52-2	4026924	4062698	4008347	4032656	0.69	cps
Cobalt	59-2	17083	17104	16947	17045	0.50	cps
Copper	63-2	25449	25178	25683	25437	0.99	cps
Dysprosium	156-1	42	92	17	50	76.37	cps
Dysprosium	156-2	30	23	20	24	20.83	cps
Erbium	164-1	150	125	225	167	31.22	cps
Erbium	164-2	43	47	73	54	30.21	cps
Gadolinium	160-1	158	192	200	183	12.03	cps
Gadolinium	160-2	250	227	227	234	5.75	cps
Holmium	165-1	20936475	21396887	21507498	21280287	1.42	cps
Holmium	165-2	9795380	9772378	9512129	9693296	1.62	cps
Indium	115-1	15105342	15036806	15293691	15145280	0.88	cps
Indium	115-2	2558738	2548992	2481655	2529795	1.66	cps
Iron	56-2	273947	271217	273171	272779	0.52	cps
Iron	57-2	31551	31529	31067	31382	0.87	cps
Krypton	83-1	1120	1143	1250	1171	5.92	cps
Lead	206-1	4329	3717	3662	3903	9.48	cps
Lead	207-1	3684	3645	3306	3545	5.86	cps
Lead	208-1	17249	15454	14993	15899	7.50	cps
Lithium	6-1	5216041	5250302	5288520	5251621	0.69	cps
Magnesium	24-2	8090772	8159469	8152512	8134251	0.46	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-06	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-29-BR-0107201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:52:11	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6497209	6461418	6497525	6485384	0.32	cps
Molybdenum	94-1	3876	4234	4009	4040	4.48	cps
Molybdenum	95-1	5693	6160	6127	5993	4.35	cps
Molybdenum	96-1	6510	6669	6427	6535	1.88	cps
Molybdenum	97-1	4293	4151	4293	4245	1.93	cps
Molybdenum	98-1	10004	9445	9412	9620	3.46	cps
Neodymium	150-1	47	120	100	89	42.64	cps
Neodymium	150-2	3	17	10	10	66.70	cps
Nickel	60-2	21516	21893	21710	21706	0.87	cps
Phosphorus	31-2	200	183	225	203	10.34	cps
Potassium	39-2	789656	793754	785453	789621	0.53	cps
Rhodium	103-1	13361141	13371677	13585002	13439274	0.94	cps
Rhodium	103-2	6155633	6161482	5955870	6090995	1.92	cps
Scandium	45-1	10012691	9949902	10140434	10034342	0.97	cps
Scandium	45-2	398537	397827	385668	394011	1.84	cps
Selenium	77-2	57	43	43	48	16.12	cps
Selenium	78-2	144	150	139	144	3.85	cps
Selenium	82-1	1194	1300	1102	1199	8.27	cps
Silicon	28-1	94044779	93272706	93450819	93589435	0.43	cps
Silver	109-1	4217	4092	4067	4126	1.95	cps
Silver	107-1	4709	4643	4076	4476	7.78	cps
Sodium	23-2	87369781	87721998	87242187	87444655	0.28	cps
Strontium	86-1	892233	907699	889105	896346	1.11	cps
Strontium	88-1	7705496	7893065	7763635	7787399	1.23	cps
Sulfur	34-1	1514616	1524098	1516081	1518265	0.34	cps
Terbium	159-1	21157840	21401969	21534645	21364818	0.89	cps
Terbium	159-2	9505349	9420623	9163017	9362997	1.90	cps
Thallium	203-1	4809	4851	4468	4709	4.47	cps
Thallium	205-1	11222	10880	10171	10758	4.98	cps
Thorium	232-1	1984	1678	1839	1834	8.34	cps
Tin	118-1	16335	16352	16310	16332	0.13	cps
Titanium	47-1	3150	3084	2959	3064	3.18	cps
Uranium	238-1	26369	26996	25701	26355	2.46	cps
Vanadium	51-2	2777	2780	2694	2750	1.79	cps
Yttrium	89-1	15205614	15341249	15437899	15328254	0.76	cps
Yttrium	89-2	1925534	1922704	1860398	1902878	1.93	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-06	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-29-BR-0107201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:52:11	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	6448	6195	6555	6399	2.89	cps
Zirconium	90-1	2242	2267	2300	2270	1.29	cps
Zirconium	91-1	458	467	433	453	3.83	cps

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : K1079-08 Instrumnet Name : P7
 Client Sample ID : EPA-MW-29-OB-010720 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 15:55:47 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	120028	117870	117569	118489	1.13	cps
Antimony	121-1	160069	164091	166745	163635	2.05	cps
Arsenic	75-2	231	207	265	235	12.29	cps
Barium	135-1	20491	19923	20816	20410	2.22	cps
Barium	137-1	35062	36541	35856	35819	2.07	cps
Beryllium	9-1	1123	1090	1170	1128	3.56	cps
Bismuth	209-1	12966158	13146526	13011952	13041545	0.72	cps
Bismuth	209-2	6494757	6495020	6483746	6491174	0.10	cps
Boron	10-1	359931	357633	360271	359278	0.40	cps
Boron	11-1	1688903	1698368	1717044	1701439	0.84	cps
Cadmium	111-1	25020	25389	24988	25132	0.89	cps
Cadmium	106-1	9012	9203	8144	8786	6.42	cps
Cadmium	108-1	1396	1525	1408	1443	4.94	cps
Calcium	43-1	2652838	2673253	2650245	2658778	0.47	cps
Calcium	44-1	43685969	43456935	43202100	43448335	0.56	cps
Chromium	52-2	238670770	237627003	236807036	237701603	0.39	cps
Cobalt	59-2	90440	93268	91718	91808	1.54	cps
Copper	63-2	6848368	6879108	6808276	6845251	0.52	cps
Dysprosium	156-1	3167	3734	3209	3370	9.37	cps
Dysprosium	156-2	1817	1577	1763	1719	7.33	cps
Erbium	164-1	4234	4451	4393	4359	2.57	cps
Erbium	164-2	1944	2144	1944	2010	5.74	cps
Gadolinium	160-1	4259	3951	4126	4112	3.76	cps
Gadolinium	160-2	2230	2284	2287	2267	1.40	cps
Holmium	165-1	20334370	20377794	20681016	20464394	0.92	cps
Holmium	165-2	9354961	9334602	9400404	9363322	0.36	cps
Indium	115-1	14134124	14232136	14240629	14202296	0.42	cps
Indium	115-2	2389179	2398050	2393890	2393706	0.19	cps
Iron	56-2	3780053	3797707	3791497	3789752	0.24	cps
Iron	57-2	103686	103797	103658	103714	0.07	cps
Krypton	83-1	1413	1477	1687	1526	9.38	cps
Lead	206-1	15865	16177	16127	16056	1.04	cps
Lead	207-1	13068	13530	12768	13122	2.93	cps
Lead	208-1	60081	62130	60004	60738	1.99	cps
Lithium	6-1	4688587	4712719	4655276	4685527	0.62	cps
Magnesium	24-2	3531587	3503433	3487442	3507487	0.64	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-08	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-29-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:55:47	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2610397	2615529	2602353	2609426	0.25	cps
Molybdenum	94-1	6777	6610	6719	6702	1.26	cps
Molybdenum	95-1	4518	4826	4634	4659	3.34	cps
Molybdenum	96-1	5693	5426	5676	5599	2.67	cps
Molybdenum	97-1	3226	3184	3376	3262	3.09	cps
Molybdenum	98-1	7144	7052	7152	7116	0.78	cps
Neodymium	150-1	3854	3701	3694	3750	2.41	cps
Neodymium	150-2	1233	1367	1260	1287	5.48	cps
Nickel	60-2	191165	190521	189467	190384	0.45	cps
Phosphorus	31-2	442	342	325	369	17.08	cps
Potassium	39-2	822073	813081	817321	817492	0.55	cps
Rhodium	103-1	12462326	12506530	12445467	12471441	0.25	cps
Rhodium	103-2	5660165	5696006	5681900	5679357	0.32	cps
Scandium	45-1	9300845	9226169	9266903	9264639	0.40	cps
Scandium	45-2	362968	362520	365194	363561	0.39	cps
Selenium	77-2	43	37	50	43	15.38	cps
Selenium	78-2	135	169	135	146	13.15	cps
Selenium	82-1	844	825	747	805	6.37	cps
Silicon	28-1	454447210	453744577	448688127	452293305	0.69	cps
Silver	109-1	3067	3392	3301	3253	5.15	cps
Silver	107-1	3551	3626	3309	3495	4.74	cps
Sodium	23-2	154427520	154208853	153263116	153966497	0.40	cps
Strontium	86-1	242597	246420	244395	244471	0.78	cps
Strontium	88-1	2097314	2127751	2126436	2117167	0.81	cps
Sulfur	34-1	3415522	3388360	3376952	3393611	0.58	cps
Terbium	159-1	20247072	20401777	20580693	20409847	0.82	cps
Terbium	159-2	8950587	9029098	9042043	9007243	0.55	cps
Thallium	203-1	2809	2659	2925	2798	4.78	cps
Thallium	205-1	6985	6694	6135	6605	6.54	cps
Thorium	232-1	2034	1956	1856	1948	4.57	cps
Tin	118-1	15159	16202	15843	15734	3.37	cps
Titanium	47-1	14149	13532	13473	13718	2.73	cps
Uranium	238-1	4609	4609	4301	4507	3.95	cps
Vanadium	51-2	1367	1320	1077	1255	12.41	cps
Yttrium	89-1	14214907	14380626	14429733	14341755	0.78	cps
Yttrium	89-2	1772947	1780718	1795090	1782918	0.63	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-08	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-29-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 15:55:47	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	94316	92789	93732	93612	0.82	cps
Zirconium	90-1	11297	11188	11755	11413	2.64	cps
Zirconium	91-1	2467	2450	2375	2431	2.01	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CCV75	Instrumnet Name :	P7
Client Sample ID :	CCV75	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 16:01:10	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11562397	11646156	11755661	11654738	0.83	cps
Antimony	121-1	8122435	8130983	8174161	8142526	0.34	cps
Arsenic	75-2	276173	278934	282863	279323	1.20	cps
Barium	135-1	11731006	11699983	11759053	11730014	0.25	cps
Barium	137-1	20522145	20544465	20661197	20575935	0.36	cps
Beryllium	9-1	2253311	2278209	2306808	2279443	1.17	cps
Bismuth	209-1	12089777	11993857	12036734	12040123	0.40	cps
Bismuth	209-2	6095985	6148820	6142722	6129176	0.47	cps
Boron	10-1	505672	519403	530760	518612	2.42	cps
Boron	11-1	2385159	2442947	2473546	2433884	1.84	cps
Cadmium	111-1	2519315	2536663	2568758	2541579	0.99	cps
Cadmium	106-1	295522	292717	302147	296795	1.63	cps
Cadmium	108-1	200547	200507	201374	200809	0.24	cps
Calcium	43-1	14988566	14964949	15214113	15055876	0.91	cps
Calcium	44-1	243436630	244132680	245692180	244420497	0.47	cps
Chromium	52-2	2874543	2924565	2927025	2908711	1.02	cps
Cobalt	59-2	4669541	4746497	4734810	4716949	0.88	cps
Copper	63-2	6213616	6268097	6341784	6274499	1.03	cps
Dysprosium	156-1	333	425	358	372	12.73	cps
Dysprosium	156-2	193	147	180	173	13.87	cps
Erbium	164-1	183	150	108	147	25.52	cps
Erbium	164-2	53	70	73	66	16.35	cps
Gadolinium	160-1	225	242	125	197	31.99	cps
Gadolinium	160-2	267	287	263	272	4.64	cps
Holmium	165-1	20180022	20323690	20309655	20271122	0.39	cps
Holmium	165-2	9437452	9569286	9620570	9542436	0.99	cps
Indium	115-1	13650384	13606002	13704446	13653611	0.36	cps
Indium	115-2	2409563	2421820	2462716	2431366	1.14	cps
Iron	56-2	615453569	622768458	630968014	623063347	1.25	cps
Iron	57-2	15284772	15340163	15487156	15370697	0.68	cps
Krypton	83-1	650	633	647	643	1.37	cps
Lead	206-1	8863681	8879263	8836402	8859782	0.24	cps
Lead	207-1	7903386	7921158	8033862	7952802	0.89	cps
Lead	208-1	35418230	35491087	35591450	35500256	0.24	cps
Lithium	6-1	4188461	4217303	4262634	4222800	0.89	cps
Magnesium	24-2	123266007	124653799	124843786	124254531	0.69	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CCV75	Instrumnet Name :	P7
Client Sample ID :	CCV75	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 16:01:10	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3420965	3438801	3500295	3453354	1.21	cps
Molybdenum	94-1	18866309	18946338	19096558	18969735	0.62	cps
Molybdenum	95-1	23396347	23183303	23628965	23402872	0.95	cps
Molybdenum	96-1	25647092	25780926	25898368	25775462	0.49	cps
Molybdenum	97-1	14402644	14519049	14611179	14510957	0.72	cps
Molybdenum	98-1	37267749	37679927	37584311	37510662	0.58	cps
Neodymium	150-1	1440	1267	1367	1358	6.41	cps
Neodymium	150-2	150	167	193	170	12.86	cps
Nickel	60-2	1201656	1214307	1224480	1213481	0.94	cps
Phosphorus	31-2	115680	114807	117879	116122	1.36	cps
Potassium	39-2	50810565	50807756	51671622	51096648	0.97	cps
Rhodium	103-1	11574313	11558181	11647143	11593212	0.41	cps
Rhodium	103-2	5384498	5451450	5489790	5441913	0.98	cps
Scandium	45-1	8858901	8806542	8868816	8844753	0.38	cps
Scandium	45-2	378887	378462	387431	381593	1.33	cps
Selenium	77-2	7929	8299	8296	8175	2.60	cps
Selenium	78-2	27200	26903	28131	27411	2.34	cps
Selenium	82-1	195070	196880	199248	197066	1.06	cps
Silicon	28-1	6552620	6710714	6823930	6695755	2.04	cps
Silver	109-1	11565944	11505696	11543193	11538278	0.26	cps
Silver	107-1	12021845	12030437	12052042	12034775	0.13	cps
Sodium	23-2	230019788	232546939	233884280	232150336	0.85	cps
Strontium	86-1	3083536	3137938	3184040	3135171	1.60	cps
Strontium	88-1	26950169	27230261	27317060	27165830	0.71	cps
Sulfur	34-1	1619357	1635474	1685027	1646619	2.08	cps
Terbium	159-1	20311819	20198025	20134673	20214839	0.44	cps
Terbium	159-2	9123230	9154073	9206409	9161238	0.46	cps
Thallium	203-1	11028292	11032891	11017308	11026164	0.07	cps
Thallium	205-1	26354704	26369878	26370515	26365032	0.03	cps
Thorium	232-1	39838273	39581554	39708536	39709454	0.32	cps
Tin	118-1	8205451	8217147	8276718	8233105	0.46	cps
Titanium	47-1	6748793	6738605	6827333	6771577	0.72	cps
Uranium	238-1	39716758	39492455	39539683	39582965	0.30	cps
Vanadium	51-2	2288874	2304908	2318166	2303983	0.64	cps
Yttrium	89-1	13878938	14083420	14039713	14000690	0.77	cps
Yttrium	89-2	1839465	1853502	1878421	1857129	1.06	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CCV75	Instrumnet Name :	P7
Client Sample ID :	CCV75	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 16:01:10	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	986072	998959	1016769	1000600	1.54	cps
Zirconium	90-1	15900091	15927797	16020959	15949615	0.40	cps
Zirconium	91-1	3523507	3550474	3574844	3549608	0.72	cps

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : CCB75 Instrumnet Name : P7
 Client Sample ID : CCB75 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 16:10:50 DataFile Name : 030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	150	175	136	34.81	cps
Antimony	121-1	842	758	808	803	5.22	cps
Arsenic	75-2	24	13	15	17	34.45	cps
Barium	135-1	125	217	83	142	48.15	cps
Barium	137-1	75	133	167	125	37.12	cps
Beryllium	9-1	193	203	203	200	2.89	cps
Bismuth	209-1	14619566	14510001	14611426	14580331	0.42	cps
Bismuth	209-2	7508318	7574925	7522788	7535344	0.46	cps
Boron	10-1	6835	6552	6143	6510	5.34	cps
Boron	11-1	31542	31642	30264	31150	2.47	cps
Cadmium	111-1	5111	4911	5009	5011	2.00	cps
Cadmium	106-1	7169	6952	7002	7041	1.61	cps
Cadmium	108-1	33	25	25	28	17.31	cps
Calcium	43-1	275	292	350	306	12.89	cps
Calcium	44-1	10838	10721	10179	10579	3.32	cps
Chromium	52-2	3667	3957	3490	3705	6.36	cps
Cobalt	59-2	83	97	103	94	10.78	cps
Copper	63-2	4888	5288	5064	5080	3.95	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	50	58	67	58	14.29	cps
Erbium	164-2	33	43	30	36	19.51	cps
Gadolinium	160-1	142	150	183	158	13.92	cps
Gadolinium	160-2	257	253	257	256	0.75	cps
Holmium	165-1	21129310	20793897	20986475	20969894	0.80	cps
Holmium	165-2	9944490	9995087	9911625	9950401	0.42	cps
Indium	115-1	15377010	15186671	15264681	15276121	0.63	cps
Indium	115-2	2629240	2661944	2639805	2643663	0.63	cps
Iron	56-2	10621	10932	10877	10810	1.54	cps
Iron	57-2	200	222	228	217	6.78	cps
Krypton	83-1	663	577	613	618	7.04	cps
Lead	206-1	1745	1856	1934	1845	5.15	cps
Lead	207-1	1611	1506	1428	1515	6.07	cps
Lead	208-1	7084	6918	6879	6960	1.57	cps
Lithium	6-1	4649620	4629014	4647285	4641973	0.24	cps
Magnesium	24-2	1083	958	975	1006	6.75	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CCB75	Instrumnet Name :	P7
Client Sample ID :	CCB75	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 16:10:50	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	123	140	147	137	8.79	cps
Molybdenum	94-1	1092	683	825	867	23.92	cps
Molybdenum	95-1	1208	742	625	858	35.96	cps
Molybdenum	96-1	1183	1008	850	1014	16.45	cps
Molybdenum	97-1	633	417	483	511	21.71	cps
Molybdenum	98-1	1692	1267	1192	1383	19.49	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	100	123	127	117	12.46	cps
Phosphorus	31-2	150	225	183	186	20.19	cps
Potassium	39-2	23119	23503	22893	23172	1.33	cps
Rhodium	103-1	13880283	13792885	13728307	13800492	0.55	cps
Rhodium	103-2	6434091	6473408	6442861	6450120	0.32	cps
Scandium	45-1	9428253	9328395	9328362	9361670	0.62	cps
Scandium	45-2	388557	384500	386151	386402	0.53	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	80	85	91	85	6.52	cps
Selenium	82-1	-11	97	27	38	146.10	cps
Silicon	28-1	324142	324770	327188	325366	0.49	cps
Silver	109-1	1058	883	900	947	10.20	cps
Silver	107-1	1033	925	1042	1000	6.51	cps
Sodium	23-2	47326	48772	47601	47900	1.60	cps
Strontium	86-1	992	942	1025	986	4.25	cps
Strontium	88-1	442	383	467	431	9.93	cps
Sulfur	34-1	541844	538153	540018	540005	0.34	cps
Terbium	159-1	21179413	21003117	21075127	21085886	0.42	cps
Terbium	159-2	9661294	9627589	9646007	9644964	0.17	cps
Thallium	203-1	1525	1508	1592	1542	2.86	cps
Thallium	205-1	3309	3176	3342	3276	2.69	cps
Thorium	232-1	1989	1772	1689	1817	8.53	cps
Tin	118-1	1292	1383	1300	1325	3.83	cps
Titanium	47-1	208	175	208	197	9.76	cps
Uranium	238-1	342	367	300	336	10.02	cps
Vanadium	51-2	53	60	57	57	5.89	cps
Yttrium	89-1	14932873	14832540	14961753	14909055	0.45	cps
Yttrium	89-2	1919837	1924281	1927225	1923781	0.19	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CCB75	Instrumnet Name :	P7
Client Sample ID :	CCB75	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 16:10:50	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	330	343	360	344	4.36	cps
Zirconium	90-1	1142	1267	1375	1261	9.26	cps
Zirconium	91-1	250	275	183	236	20.07	cps

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : K1079-12 Instrumnet Name : P7
 Client Sample ID : EPA-MW-39-OB-010720 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 16:14:26 DataFile Name : 031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	254029	248551	244872	249151	1.85	cps
Antimony	121-1	24648	22135	21100	22628	8.06	cps
Arsenic	75-2	1015	967	956	979	3.22	cps
Barium	135-1	586933	586446	585634	586338	0.11	cps
Barium	137-1	1026665	1028944	1030176	1028595	0.17	cps
Beryllium	9-1	6471	6441	6171	6361	2.60	cps
Bismuth	209-1	12189173	12347729	12373604	12303502	0.81	cps
Bismuth	209-2	6066523	6144543	6039117	6083394	0.90	cps
Boron	10-1	2421057	2463972	2451628	2445552	0.90	cps
Boron	11-1	11553395	11719788	11768518	11680567	0.97	cps
Cadmium	111-1	1633317	1635801	1640243	1636454	0.21	cps
Cadmium	106-1	151417	155647	153475	153513	1.38	cps
Cadmium	108-1	107491	107462	108633	107862	0.62	cps
Calcium	43-1	5468082	5522826	5461896	5484268	0.61	cps
Calcium	44-1	89459802	89647619	89021867	89376429	0.36	cps
Chromium	52-2	223462090	222592010	220560377	222204826	0.67	cps
Cobalt	59-2	186677	184413	184267	185119	0.73	cps
Copper	63-2	7687522	7683992	7604317	7658611	0.61	cps
Dysprosium	156-1	210452	210137	211874	210821	0.44	cps
Dysprosium	156-2	101132	101528	100052	100904	0.76	cps
Erbium	164-1	219734	220075	218872	219560	0.28	cps
Erbium	164-2	95970	98535	96273	96926	1.45	cps
Gadolinium	160-1	231438	233175	228725	231113	0.97	cps
Gadolinium	160-2	119377	118916	117777	118690	0.69	cps
Holmium	165-1	19633348	20041575	20088041	19920988	1.26	cps
Holmium	165-2	9139302	9202676	9113003	9151660	0.50	cps
Indium	115-1	13187068	13473756	13461762	13374195	1.21	cps
Indium	115-2	2275484	2302326	2263879	2280563	0.86	cps
Iron	56-2	285459	283011	278390	282287	1.27	cps
Iron	57-2	28717	28467	29213	28799	1.32	cps
Krypton	83-1	1967	2100	2160	2076	4.77	cps
Lead	206-1	4912	4551	4473	4645	5.04	cps
Lead	207-1	4607	3912	3828	4116	10.38	cps
Lead	208-1	19879	17928	16977	18261	8.10	cps
Lithium	6-1	4428743	4435532	4441866	4435380	0.15	cps
Magnesium	24-2	7990364	7906943	7898820	7932042	0.64	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-12	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 16:14:26	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	24170363	24242990	23909041	24107465	0.73	cps
Molybdenum	94-1	5326	5093	5043	5154	2.94	cps
Molybdenum	95-1	7978	7369	7327	7558	4.82	cps
Molybdenum	96-1	7210	6660	6994	6955	3.99	cps
Molybdenum	97-1	4493	4318	4334	4381	2.20	cps
Molybdenum	98-1	10821	10855	10488	10721	1.89	cps
Neodymium	150-1	202360	202292	204024	202892	0.48	cps
Neodymium	150-2	70476	71243	70177	70632	0.78	cps
Nickel	60-2	1700795	1696321	1691993	1696370	0.26	cps
Phosphorus	31-2	400	383	225	336	28.74	cps
Potassium	39-2	1489695	1488729	1474685	1484370	0.57	cps
Rhodium	103-1	11508064	11660003	11657337	11608468	0.75	cps
Rhodium	103-2	5308362	5366600	5250451	5308471	1.09	cps
Scandium	45-1	8587447	8630648	8486334	8568143	0.86	cps
Scandium	45-2	344062	345573	342045	343894	0.51	cps
Selenium	77-2	453	487	490	477	4.25	cps
Selenium	78-2	617	552	596	588	5.63	cps
Selenium	82-1	869	699	730	766	11.84	cps
Silicon	28-1	127168303	127493928	126136836	126933022	0.56	cps
Silver	109-1	6210	4551	3551	4771	28.16	cps
Silver	107-1	6685	4851	3742	5093	29.18	cps
Sodium	23-2	227896422	229385238	227345213	228208958	0.46	cps
Strontium	86-1	2017828	2035697	2034610	2029378	0.49	cps
Strontium	88-1	17458049	17490598	17457577	17468742	0.11	cps
Sulfur	34-1	11296012	11424685	11322566	11347754	0.60	cps
Terbium	159-1	19621764	19852812	19822665	19765747	0.64	cps
Terbium	159-2	8830241	8865801	8746574	8814205	0.69	cps
Thallium	203-1	7202	6102	5276	6193	15.60	cps
Thallium	205-1	18539	14133	11847	14840	22.92	cps
Thorium	232-1	2473	2334	2256	2354	4.66	cps
Tin	118-1	10713	11013	10513	10746	2.34	cps
Titanium	47-1	3692	3517	3876	3695	4.85	cps
Uranium	238-1	12799	11506	11647	11984	5.92	cps
Vanadium	51-2	1440	1420	1397	1419	1.53	cps
Yttrium	89-1	16904786	16841574	16830318	16858893	0.24	cps
Yttrium	89-2	2109218	2111799	2086213	2102410	0.67	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-12	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 16:14:26	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	484520	487229	484047	485265	0.35	cps
Zirconium	90-1	3751	3692	3384	3609	5.46	cps
Zirconium	91-1	633	792	525	650	20.63	cps

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : K1079-12DUP Instrumnet Name : P7
 Client Sample ID : EPA-MW-39-OB-010720 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 16:18:08 DataFile Name : 032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	240346	243631	242513	242163	0.69	cps
Antimony	121-1	19172	19264	19322	19253	0.39	cps
Arsenic	75-2	996	915	980	964	4.47	cps
Barium	135-1	591885	595051	593653	593530	0.27	cps
Barium	137-1	1047945	1043448	1042107	1044500	0.29	cps
Beryllium	9-1	6278	6098	6045	6140	1.99	cps
Bismuth	209-1	12513944	12185050	12196981	12298658	1.52	cps
Bismuth	209-2	6008920	6065286	6048613	6040940	0.48	cps
Boron	10-1	2387866	2407669	2395737	2397091	0.42	cps
Boron	11-1	11377076	11535842	11411557	11441492	0.73	cps
Cadmium	111-1	1641555	1640438	1636031	1639341	0.18	cps
Cadmium	106-1	155225	153714	149145	152695	2.07	cps
Cadmium	108-1	108357	108101	106740	107732	0.81	cps
Calcium	43-1	5367274	5360444	5346224	5357980	0.20	cps
Calcium	44-1	87849939	87891569	87026192	87589233	0.56	cps
Chromium	52-2	216526463	216083163	215204097	215937908	0.31	cps
Cobalt	59-2	181582	180303	178535	180140	0.85	cps
Copper	63-2	7498272	7499132	7438966	7478790	0.46	cps
Dysprosium	156-1	211845	215418	217449	214904	1.32	cps
Dysprosium	156-2	99933	101323	100599	100618	0.69	cps
Erbium	164-1	224115	222685	222761	223187	0.36	cps
Erbium	164-2	96444	97303	97904	97217	0.75	cps
Gadolinium	160-1	232488	237418	234213	234706	1.07	cps
Gadolinium	160-2	117333	120288	119916	119179	1.35	cps
Holmium	165-1	20108948	19643829	19853255	19868678	1.17	cps
Holmium	165-2	9027420	9063129	9027229	9039260	0.23	cps
Indium	115-1	13571975	13059458	13261196	13297543	1.94	cps
Indium	115-2	2210968	2222105	2212762	2215278	0.27	cps
Iron	56-2	280057	273229	276858	276715	1.23	cps
Iron	57-2	28762	28177	28233	28391	1.14	cps
Krypton	83-1	2054	2117	2260	2144	4.94	cps
Lead	206-1	3717	3734	3345	3599	6.11	cps
Lead	207-1	3312	2873	3156	3113	7.15	cps
Lead	208-1	14231	13525	13620	13792	2.78	cps
Lithium	6-1	4245146	4164079	4164963	4191396	1.11	cps
Magnesium	24-2	7679598	7639390	7608540	7642509	0.47	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-12DUP	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 16:18:08	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23516550	23451171	23367490	23445070	0.32	cps
Molybdenum	94-1	4651	5101	4893	4882	4.61	cps
Molybdenum	95-1	7285	7219	7302	7269	0.61	cps
Molybdenum	96-1	6994	6744	6443	6727	4.10	cps
Molybdenum	97-1	4434	4034	4384	4284	5.09	cps
Molybdenum	98-1	10971	10921	10996	10963	0.35	cps
Neodymium	150-1	206506	210967	206816	208096	1.20	cps
Neodymium	150-2	71273	70613	70158	70681	0.79	cps
Nickel	60-2	1656149	1657259	1656547	1656652	0.03	cps
Phosphorus	31-2	308	358	267	311	14.75	cps
Potassium	39-2	1424531	1430617	1407276	1420808	0.85	cps
Rhodium	103-1	11680293	11433551	11409913	11507919	1.30	cps
Rhodium	103-2	5214834	5214978	5220116	5216643	0.06	cps
Scandium	45-1	8478784	8100309	8193438	8257510	2.39	cps
Scandium	45-2	330371	330268	328391	329677	0.34	cps
Selenium	77-2	467	417	420	434	6.43	cps
Selenium	78-2	511	509	537	519	2.99	cps
Selenium	82-1	700	590	529	606	14.29	cps
Silicon	28-1	123135374	122374632	121304361	122271456	0.75	cps
Silver	109-1	2209	2134	1592	1978	17.01	cps
Silver	107-1	2259	2117	1884	2086	9.08	cps
Sodium	23-2	221979405	221039755	217249130	220089430	1.14	cps
Strontium	86-1	2034340	2026108	2010094	2023514	0.61	cps
Strontium	88-1	17500184	17515449	17250344	17421993	0.85	cps
Sulfur	34-1	11019016	10933764	10919832	10957537	0.49	cps
Terbium	159-1	20128207	19816716	19855578	19933501	0.85	cps
Terbium	159-2	8722988	8706524	8676168	8701893	0.27	cps
Thallium	203-1	2625	2517	2325	2489	6.10	cps
Thallium	205-1	6594	6252	6168	6338	3.56	cps
Thorium	232-1	1739	1739	1722	1734	0.56	cps
Tin	118-1	9921	9437	9662	9673	2.50	cps
Titanium	47-1	3792	3526	3692	3670	3.67	cps
Uranium	238-1	13324	12715	11673	12571	6.64	cps
Vanadium	51-2	1470	1520	1517	1502	1.86	cps
Yttrium	89-1	16852227	16617741	16510595	16660188	1.05	cps
Yttrium	89-2	2053693	2053955	2061096	2056248	0.20	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-12DUP	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 16:18:08	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	469937	472460	473965	472121	0.43	cps
Zirconium	90-1	3217	2925	2900	3014	5.84	cps
Zirconium	91-1	508	550	533	531	3.95	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-12LX5	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	5
Date & Time Acquired ::	2019-01-18 16:21:50	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50787	50494	51156	50812	0.65	cps
Antimony	121-1	6318	5901	5109	5776	10.63	cps
Arsenic	75-2	198	217	222	212	5.94	cps
Barium	135-1	120738	119073	120529	120113	0.76	cps
Barium	137-1	211386	207544	213933	210954	1.52	cps
Beryllium	9-1	1557	1317	1447	1440	8.34	cps
Bismuth	209-1	14299640	14116679	14132662	14182994	0.71	cps
Bismuth	209-2	7035022	6974011	6973804	6994279	0.50	cps
Boron	10-1	521936	529091	530012	527013	0.84	cps
Boron	11-1	2504332	2518229	2526745	2516436	0.45	cps
Cadmium	111-1	360392	360692	362823	361302	0.37	cps
Cadmium	106-1	37776	39431	39765	38991	2.73	cps
Cadmium	108-1	23904	23386	23941	23744	1.31	cps
Calcium	43-1	1082543	1071343	1090443	1081443	0.89	cps
Calcium	44-1	17586824	17499452	17658636	17581638	0.45	cps
Chromium	52-2	45190311	44915411	44948288	45018003	0.33	cps
Cobalt	59-2	38427	37274	38915	38205	2.21	cps
Copper	63-2	1637767	1634138	1631106	1634337	0.20	cps
Dysprosium	156-1	43102	42726	42601	42810	0.61	cps
Dysprosium	156-2	20532	20379	21030	20647	1.65	cps
Erbium	164-1	43838	44490	44549	44292	0.89	cps
Erbium	164-2	19828	19805	19861	19831	0.14	cps
Gadolinium	160-1	47575	47316	47818	47570	0.53	cps
Gadolinium	160-2	24262	24909	24542	24571	1.32	cps
Holmium	165-1	21172006	21056462	21187843	21138770	0.34	cps
Holmium	165-2	9733423	9450719	9461427	9548523	1.68	cps
Indium	115-1	14742952	14615300	14611439	14656564	0.51	cps
Indium	115-2	2435391	2429707	2406175	2423758	0.64	cps
Iron	56-2	62946	64543	64107	63865	1.29	cps
Iron	57-2	5473	5723	5857	5685	3.42	cps
Krypton	83-1	797	760	747	768	3.37	cps
Lead	206-1	1389	1778	1467	1545	13.32	cps
Lead	207-1	1456	1367	1117	1313	13.38	cps
Lead	208-1	5828	6006	5762	5865	2.15	cps
Lithium	6-1	4172096	4151119	4161121	4161445	0.25	cps
Magnesium	24-2	1552000	1552873	1535908	1546927	0.62	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-12LX5	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	5
Date & Time Acquired ::	2019-01-18 16:21:50	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4888785	4874706	4862914	4875469	0.27	cps
Molybdenum	94-1	1142	1225	1383	1250	9.82	cps
Molybdenum	95-1	1608	1483	1650	1581	5.49	cps
Molybdenum	96-1	1433	1742	1650	1608	9.84	cps
Molybdenum	97-1	883	883	900	889	1.08	cps
Molybdenum	98-1	2409	2125	2250	2261	6.28	cps
Neodymium	150-1	41490	42172	42125	41929	0.91	cps
Neodymium	150-2	14111	14421	14751	14428	2.22	cps
Nickel	60-2	356923	354616	354704	355414	0.37	cps
Phosphorus	31-2	167	208	142	172	19.56	cps
Potassium	39-2	307731	307919	305453	307034	0.45	cps
Rhodium	103-1	12887747	12823957	12886500	12866068	0.28	cps
Rhodium	103-2	5871753	5758492	5794621	5808288	1.00	cps
Scandium	45-1	8605460	8558247	8677786	8613831	0.70	cps
Scandium	45-2	350530	345009	344055	346531	1.01	cps
Selenium	77-2	87	87	97	90	6.41	cps
Selenium	78-2	172	185	133	164	16.49	cps
Selenium	82-1	281	318	377	325	14.84	cps
Silicon	28-1	24819981	24608982	24814127	24747697	0.49	cps
Silver	109-1	633	825	767	742	13.25	cps
Silver	107-1	958	883	875	906	5.07	cps
Sodium	23-2	45300869	44596004	44745843	44880905	0.83	cps
Strontium	86-1	405761	409667	411278	408902	0.69	cps
Strontium	88-1	3542209	3567454	3580602	3563422	0.55	cps
Sulfur	34-1	3160428	3139245	3158000	3152558	0.37	cps
Terbium	159-1	20989119	21073828	21083506	21048818	0.25	cps
Terbium	159-2	9284532	9255956	9109883	9216791	1.02	cps
Thallium	203-1	1042	1142	883	1022	12.74	cps
Thallium	205-1	2384	2492	2317	2398	3.69	cps
Thorium	232-1	683	700	672	685	2.04	cps
Tin	118-1	1850	1892	1734	1825	4.50	cps
Titanium	47-1	992	1075	925	997	7.54	cps
Uranium	238-1	2609	2434	2600	2548	3.88	cps
Vanadium	51-2	307	350	277	311	11.85	cps
Yttrium	89-1	14899629	14750234	14925756	14858540	0.64	cps
Yttrium	89-2	1850335	1822952	1844002	1839097	0.78	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-12LX5	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	5
Date & Time Acquired ::	2019-01-18 16:21:50	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	110202	108439	109023	109221	0.82	cps
Zirconium	90-1	1233	1358	1092	1228	10.87	cps
Zirconium	91-1	217	250	400	289	33.80	cps

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : K1079-13 Instrumnet Name : P7
 Client Sample ID : EPA-MW-39-OB-010720 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 16:25:26 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2046816	2037206	2042333	2042118	0.24	cps
Antimony	121-1	7664031	7742312	7845892	7750745	1.18	cps
Arsenic	75-2	245736	243296	243524	244185	0.55	cps
Barium	135-1	11492901	11589477	11745031	11609136	1.10	cps
Barium	137-1	20164781	20342019	20591896	20366232	1.05	cps
Beryllium	9-1	2005608	2015333	2014058	2011666	0.26	cps
Bismuth	209-1	11771516	11876349	12042108	11896658	1.15	cps
Bismuth	209-2	5826972	5804441	5825374	5818929	0.22	cps
Boron	10-1	2696719	2711689	2751838	2720082	1.05	cps
Boron	11-1	12908302	12934038	13079299	12973880	0.71	cps
Cadmium	111-1	3943131	3953659	4007972	3968254	0.88	cps
Cadmium	106-1	412025	416358	421560	416647	1.15	cps
Cadmium	108-1	290393	289226	292158	290592	0.51	cps
Calcium	43-1	7911569	7900390	7942058	7918006	0.27	cps
Calcium	44-1	127963011	128099840	129346495	128469782	0.59	cps
Chromium	52-2	214889257	213599130	213119097	213869161	0.43	cps
Cobalt	59-2	4364346	4336546	4354486	4351793	0.32	cps
Copper	63-2	13077816	12991545	13016832	13028731	0.34	cps
Dysprosium	156-1	211899	210285	212338	211507	0.51	cps
Dysprosium	156-2	101995	100689	100370	101018	0.85	cps
Erbium	164-1	220803	222707	220943	221485	0.48	cps
Erbium	164-2	97152	96343	96296	96597	0.50	cps
Gadolinium	160-1	230917	231834	234903	232551	0.90	cps
Gadolinium	160-2	118419	117956	118598	118324	0.28	cps
Holmium	165-1	19613226	19661277	19806999	19693834	0.51	cps
Holmium	165-2	8982806	8882169	8965920	8943632	0.60	cps
Indium	115-1	12696935	12799842	12852686	12783154	0.62	cps
Indium	115-2	2149548	2140051	2146685	2145428	0.23	cps
Iron	56-2	112132872	111437055	111196039	111588655	0.44	cps
Iron	57-2	2741390	2722305	2744928	2736208	0.44	cps
Krypton	83-1	2260	2477	2354	2364	4.60	cps
Lead	206-1	8580313	8562028	8674255	8605532	0.70	cps
Lead	207-1	7431367	7425831	7568562	7475253	1.08	cps
Lead	208-1	33762496	33846725	34301529	33970250	0.85	cps
Lithium	6-1	3988837	4002050	4013503	4001463	0.31	cps
Magnesium	24-2	29504974	29255003	29204601	29321526	0.55	cps

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : K1079-13 Instrumnet Name : P7
 Client Sample ID : EPA-MW-39-OB-010720 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 16:25:26 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	26120493	25814651	26190589	26041911	0.77	cps
Molybdenum	94-1	17740782	17775392	17823306	17779826	0.23	cps
Molybdenum	95-1	21618586	21738449	21911778	21756271	0.68	cps
Molybdenum	96-1	23980929	24132996	24207619	24107181	0.48	cps
Molybdenum	97-1	13548213	13550236	13672528	13590326	0.52	cps
Molybdenum	98-1	34975262	35320469	35440703	35245478	0.69	cps
Neodymium	150-1	204746	202030	204692	203823	0.76	cps
Neodymium	150-2	69909	69310	69357	69525	0.48	cps
Nickel	60-2	2690638	2656347	2676648	2674544	0.64	cps
Phosphorus	31-2	308	383	325	339	11.62	cps
Potassium	39-2	10096848	9949628	10018077	10021518	0.74	cps
Rhodium	103-1	10994803	11071953	11134729	11067162	0.63	cps
Rhodium	103-2	5028618	5020540	5054698	5034619	0.35	cps
Scandium	45-1	8030962	8053374	8038514	8040950	0.14	cps
Scandium	45-2	331328	322945	325216	326496	1.33	cps
Selenium	77-2	7499	7402	7332	7411	1.13	cps
Selenium	78-2	23909	23681	23514	23701	0.84	cps
Selenium	82-1	185374	185094	186985	185817	0.55	cps
Silicon	28-1	122381886	123045707	123397399	122941664	0.42	cps
Silver	109-1	10873868	10901148	11056515	10943844	0.90	cps
Silver	107-1	11265672	11423927	11579685	11423095	1.37	cps
Sodium	23-2	258017797	253578964	254614764	255403842	0.91	cps
Strontium	86-1	4929406	4923518	4944683	4932536	0.22	cps
Strontium	88-1	41704332	42091031	42210358	42001907	0.63	cps
Sulfur	34-1	10442687	10408147	10462269	10437701	0.26	cps
Terbium	159-1	19410033	19608301	19787428	19601921	0.96	cps
Terbium	159-2	8633857	8553880	8548944	8578894	0.56	cps
Thallium	203-1	10613632	10717514	10831512	10720886	1.02	cps
Thallium	205-1	25477701	25446990	25822201	25582297	0.81	cps
Thorium	232-1	3678	3112	3223	3338	9.00	cps
Tin	118-1	7546946	7664866	7762319	7658044	1.41	cps
Titanium	47-1	6079732	6093582	6113027	6095447	0.27	cps
Uranium	238-1	37801088	38162876	38851002	38271655	1.39	cps
Vanadium	51-2	1989300	1971160	1970759	1977073	0.54	cps
Yttrium	89-1	16224523	16273396	16468009	16321976	0.79	cps
Yttrium	89-2	2053837	2014064	2025426	2031109	1.01	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-13	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 16:25:26	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1261029	1249858	1258063	1256317	0.46	cps
Zirconium	90-1	15053511	15083039	15145563	15094038	0.31	cps
Zirconium	91-1	3406803	3399511	3411597	3405970	0.18	cps

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : K1079-14 Instrumnet Name : P7
 Client Sample ID : EPA-MW-39-OB-010720 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 16:29:11 DataFile Name : 035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1990140	1997667	2015275	2001027	0.64	cps
Antimony	121-1	7681640	7757298	7710866	7716601	0.49	cps
Arsenic	75-2	240177	240402	244674	241751	1.05	cps
Barium	135-1	11575401	11623047	11449559	11549336	0.78	cps
Barium	137-1	20159374	20242765	20182662	20194934	0.21	cps
Beryllium	9-1	1993506	1970447	1963136	1975696	0.80	cps
Bismuth	209-1	11740719	11924993	11917601	11861105	0.88	cps
Bismuth	209-2	5736343	5787890	5834911	5786382	0.85	cps
Boron	10-1	2704724	2719427	2722915	2715689	0.36	cps
Boron	11-1	12812515	12844916	12913831	12857088	0.40	cps
Cadmium	111-1	3990347	3972407	3940499	3967751	0.64	cps
Cadmium	106-1	415038	411463	413818	413440	0.44	cps
Cadmium	108-1	290991	286451	288657	288700	0.79	cps
Calcium	43-1	7743357	7822207	7835328	7800297	0.64	cps
Calcium	44-1	126734507	127723857	126746978	127068447	0.45	cps
Chromium	52-2	210388124	211320264	212510144	211406177	0.50	cps
Cobalt	59-2	4271438	4336994	4344764	4317732	0.93	cps
Copper	63-2	12795357	12864429	12967157	12875648	0.67	cps
Dysprosium	156-1	212278	213429	212280	212662	0.31	cps
Dysprosium	156-2	98628	99772	100796	99732	1.09	cps
Erbium	164-1	222520	224023	220386	222310	0.82	cps
Erbium	164-2	94869	97028	97820	96572	1.58	cps
Gadolinium	160-1	235272	235326	233780	234793	0.37	cps
Gadolinium	160-2	116019	118637	118524	117727	1.26	cps
Holmium	165-1	19715395	19928777	19824216	19822796	0.54	cps
Holmium	165-2	8853031	8938828	8912747	8901535	0.49	cps
Indium	115-1	12782246	12836911	12808139	12809098	0.21	cps
Indium	115-2	2106194	2140167	2152742	2133034	1.13	cps
Iron	56-2	108567819	109645919	110082386	109432041	0.71	cps
Iron	57-2	2660069	2700011	2710886	2690322	0.99	cps
Krypton	83-1	2450	2584	2640	2558	3.81	cps
Lead	206-1	8605291	8633042	8641757	8626697	0.22	cps
Lead	207-1	7451852	7514201	7391208	7452420	0.83	cps
Lead	208-1	33741176	33975770	33779179	33832041	0.37	cps
Lithium	6-1	3915218	3916276	3905391	3912295	0.15	cps
Magnesium	24-2	28172943	28318893	28341274	28277703	0.32	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-14	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 16:29:11	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	25864560	25638920	25966431	25823304	0.65	cps
Molybdenum	94-1	17493379	17543419	17548536	17528444	0.17	cps
Molybdenum	95-1	21515220	21708100	21527928	21583749	0.50	cps
Molybdenum	96-1	23708769	23898689	23909162	23838873	0.47	cps
Molybdenum	97-1	13428525	13568150	13382235	13459637	0.72	cps
Molybdenum	98-1	34682185	34850812	34722446	34751814	0.25	cps
Neodymium	150-1	206109	206178	200616	204301	1.56	cps
Neodymium	150-2	68908	69977	70439	69774	1.13	cps
Nickel	60-2	2635795	2659345	2671651	2655597	0.69	cps
Phosphorus	31-2	250	283	317	283	11.76	cps
Potassium	39-2	9765174	9779564	9985815	9843518	1.25	cps
Rhodium	103-1	11030188	11000622	11002403	11011071	0.15	cps
Rhodium	103-2	4962165	5024699	5076585	5021150	1.14	cps
Scandium	45-1	7939406	7961739	7980030	7960392	0.26	cps
Scandium	45-2	323643	320779	324624	323015	0.62	cps
Selenium	77-2	7505	7102	7105	7237	3.21	cps
Selenium	78-2	23612	23510	23569	23564	0.22	cps
Selenium	82-1	185062	184357	183665	184361	0.38	cps
Silicon	28-1	120970374	121051544	120944890	120988936	0.05	cps
Silver	109-1	10962616	10952848	10991122	10968862	0.18	cps
Silver	107-1	11408670	11325340	11466407	11400139	0.62	cps
Sodium	23-2	250285347	251430606	252641631	251452528	0.47	cps
Strontium	86-1	4913486	4901020	4858893	4891133	0.58	cps
Strontium	88-1	41943462	41509510	41943019	41798664	0.60	cps
Sulfur	34-1	10313479	10310755	10241202	10288479	0.40	cps
Terbium	159-1	19494930	19644913	19696831	19612225	0.53	cps
Terbium	159-2	8462309	8560392	8609653	8544118	0.88	cps
Thallium	203-1	10723322	10806478	10622796	10717532	0.86	cps
Thallium	205-1	25552770	25575029	25591085	25572962	0.08	cps
Thorium	232-1	2084	2411	2067	2187	8.88	cps
Tin	118-1	7572755	7632259	7632199	7612404	0.45	cps
Titanium	47-1	6002898	6017658	6003811	6008122	0.14	cps
Uranium	238-1	38166863	38094160	38182325	38147783	0.12	cps
Vanadium	51-2	1943680	1935720	1967180	1948860	0.84	cps
Yttrium	89-1	16206585	16124759	16246309	16192551	0.38	cps
Yttrium	89-2	1986030	2013142	2041211	2013461	1.37	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-14	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 16:29:11	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1231292	1243443	1255033	1243256	0.95	cps
Zirconium	90-1	14930552	14903821	14970139	14934837	0.22	cps
Zirconium	91-1	3381241	3385764	3335247	3367417	0.83	cps

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : K1079-12A Instrumnet Name : P7
 Client Sample ID : EPA-MW-39-OB-010720 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 16:32:55 DataFile Name : 036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1995459	1976250	1958736	1976815	0.93	cps
Antimony	121-1	7775171	7775750	7783005	7777975	0.06	cps
Arsenic	75-2	240984	240269	238281	239845	0.58	cps
Barium	135-1	11629518	11637952	11682314	11649928	0.24	cps
Barium	137-1	20470230	20476989	20522597	20489939	0.14	cps
Beryllium	9-1	1966177	1953902	1954175	1958085	0.36	cps
Bismuth	209-1	11750665	11686812	11858192	11765223	0.74	cps
Bismuth	209-2	5706473	5742946	5777560	5742326	0.62	cps
Boron	10-1	2649075	2677614	2710262	2678984	1.14	cps
Boron	11-1	12753725	12780335	12969302	12834454	0.92	cps
Cadmium	111-1	3973425	3988541	3993091	3985019	0.26	cps
Cadmium	106-1	417776	414072	411930	414593	0.71	cps
Cadmium	108-1	290439	290345	291160	290648	0.15	cps
Calcium	43-1	7810815	7761528	7888795	7820379	0.82	cps
Calcium	44-1	127293490	126420390	127049607	126921163	0.35	cps
Chromium	52-2	209155884	209639210	208515624	209103572	0.27	cps
Cobalt	59-2	4247172	4288616	4241258	4259015	0.61	cps
Copper	63-2	12813812	12780464	12714204	12769493	0.40	cps
Dysprosium	156-1	213677	211706	215578	213654	0.91	cps
Dysprosium	156-2	99602	99876	99531	99670	0.18	cps
Erbium	164-1	223191	223841	225996	224343	0.65	cps
Erbium	164-2	95524	96384	95688	95865	0.48	cps
Gadolinium	160-1	236129	234408	235170	235236	0.37	cps
Gadolinium	160-2	118311	118295	118157	118254	0.07	cps
Holmium	165-1	19532055	19697518	19877370	19702314	0.88	cps
Holmium	165-2	8824711	8835077	8824145	8827978	0.07	cps
Indium	115-1	12681263	12664431	12707519	12684405	0.17	cps
Indium	115-2	2074253	2105038	2103087	2094126	0.82	cps
Iron	56-2	109408569	110200155	109254172	109620965	0.46	cps
Iron	57-2	2663385	2689446	2685311	2679381	0.52	cps
Krypton	83-1	2347	2674	2560	2527	6.57	cps
Lead	206-1	8601003	8649566	8726760	8659110	0.73	cps
Lead	207-1	7475677	7521753	7579522	7525650	0.69	cps
Lead	208-1	34052572	34136234	34376675	34188493	0.49	cps
Lithium	6-1	3867459	3852387	3859514	3859787	0.20	cps
Magnesium	24-2	28057357	28207442	28287756	28184185	0.41	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-12A	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 16:32:55	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	25633361	25871811	25443895	25649689	0.84	cps
Molybdenum	94-1	17693598	17810597	17820444	17774880	0.40	cps
Molybdenum	95-1	21604075	21650275	21771275	21675208	0.40	cps
Molybdenum	96-1	24024549	24016419	24338173	24126381	0.76	cps
Molybdenum	97-1	13547774	13503317	13553174	13534755	0.20	cps
Molybdenum	98-1	35397954	35085967	35144498	35209473	0.47	cps
Neodymium	150-1	205032	201065	207095	204397	1.50	cps
Neodymium	150-2	69192	70177	69926	69765	0.73	cps
Nickel	60-2	2620105	2627370	2613076	2620184	0.27	cps
Phosphorus	31-2	317	283	367	322	13.02	cps
Potassium	39-2	9723536	9812695	9691116	9742449	0.65	cps
Rhodium	103-1	10990300	10909280	11045387	10981656	0.62	cps
Rhodium	103-2	4929770	4951228	4944831	4941943	0.22	cps
Scandium	45-1	7840556	7883811	7874563	7866310	0.29	cps
Scandium	45-2	315391	319813	318208	317804	0.70	cps
Selenium	77-2	7169	7379	7405	7318	1.77	cps
Selenium	78-2	23510	23471	23191	23391	0.74	cps
Selenium	82-1	184961	182442	185718	184374	0.93	cps
Silicon	28-1	119755161	119906365	120395128	120018885	0.28	cps
Silver	109-1	10862553	10972098	10993419	10942690	0.64	cps
Silver	107-1	11444500	11438733	11405989	11429741	0.18	cps
Sodium	23-2	248631764	248524056	248079514	248411778	0.12	cps
Strontium	86-1	4923095	4914146	4949267	4928836	0.37	cps
Strontium	88-1	41542076	42094359	42435960	42024132	1.07	cps
Sulfur	34-1	10252250	10197301	10260587	10236713	0.34	cps
Terbium	159-1	19683090	19582426	19706596	19657371	0.34	cps
Terbium	159-2	8494027	8466128	8526158	8495438	0.35	cps
Thallium	203-1	10809653	10749706	10845116	10801492	0.45	cps
Thallium	205-1	25686166	25996612	26044240	25909006	0.75	cps
Thorium	232-1	1639	1583	1633	1619	1.89	cps
Tin	118-1	7602302	7651002	7680098	7644467	0.51	cps
Titanium	47-1	5994793	6020152	6048680	6021208	0.45	cps
Uranium	238-1	38054690	38750438	38936647	38580592	1.20	cps
Vanadium	51-2	1923782	1943983	1941939	1936568	0.57	cps
Yttrium	89-1	16024920	16213819	16239164	16159301	0.72	cps
Yttrium	89-2	1988639	1996208	1993888	1992912	0.19	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-12A	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 16:32:55	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1226056	1228497	1227501	1227351	0.10	cps
Zirconium	90-1	14838864	15062459	15027442	14976255	0.80	cps
Zirconium	91-1	3392162	3395666	3418805	3402211	0.43	cps

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : K1079-16 Instrumnet Name : P7
 Client Sample ID : EPA-MW-40-OB-010720 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 16:36:40 DataFile Name : 037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1784	1875	1675	1778	5.63	cps
Antimony	121-1	29257	33391	35772	32806	10.05	cps
Arsenic	75-2	1065	1187	1065	1106	6.38	cps
Barium	135-1	487054	495473	499986	494171	1.33	cps
Barium	137-1	869563	866947	880877	872463	0.85	cps
Beryllium	9-1	440	447	467	451	3.08	cps
Bismuth	209-1	10430074	10465271	10626097	10507147	0.99	cps
Bismuth	209-2	5088522	5108685	5175121	5124110	0.88	cps
Boron	10-1	3570447	3655155	3701358	3642320	1.82	cps
Boron	11-1	17136932	17524631	17954957	17538840	2.33	cps
Cadmium	111-1	4805	4994	4711	4837	2.98	cps
Cadmium	106-1	5876	6160	5985	6007	2.38	cps
Cadmium	108-1	179	175	183	179	2.33	cps
Calcium	43-1	4138040	4154039	4211789	4167956	0.93	cps
Calcium	44-1	65479268	66402597	67953739	66611868	1.88	cps
Chromium	52-2	521765	528298	531615	527226	0.95	cps
Cobalt	59-2	32520	33398	33939	33286	2.15	cps
Copper	63-2	57375	58436	59437	58416	1.76	cps
Dysprosium	156-1	267	233	233	244	7.87	cps
Dysprosium	156-2	107	127	100	111	12.49	cps
Erbium	164-1	375	308	375	353	10.91	cps
Erbium	164-2	93	110	140	114	20.66	cps
Gadolinium	160-1	375	333	392	367	8.19	cps
Gadolinium	160-2	343	360	330	344	4.36	cps
Holmium	165-1	18095139	18379753	18558600	18344497	1.27	cps
Holmium	165-2	8315668	8422813	8393899	8377460	0.66	cps
Indium	115-1	11861059	11940957	12055088	11952368	0.82	cps
Indium	115-2	1998089	2023847	2036234	2019390	0.96	cps
Iron	56-2	69815364	70416402	71108393	70446720	0.92	cps
Iron	57-2	1699094	1710788	1719132	1709671	0.59	cps
Krypton	83-1	5168	5611	6592	5790	12.58	cps
Lead	206-1	6841	6808	6924	6858	0.88	cps
Lead	207-1	5868	5362	5868	5700	5.12	cps
Lead	208-1	26945	25972	26400	26439	1.84	cps
Lithium	6-1	3653814	3706655	3740426	3700298	1.18	cps
Magnesium	24-2	25249321	25532873	25744634	25508943	0.97	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-16	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-40-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 16:36:40	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	28349135	28574683	28863817	28595878	0.90	cps
Molybdenum	94-1	18020	17294	17520	17611	2.11	cps
Molybdenum	95-1	29498	28814	28145	28819	2.35	cps
Molybdenum	96-1	30592	31903	31101	31199	2.12	cps
Molybdenum	97-1	17828	17420	17636	17628	1.16	cps
Molybdenum	98-1	44420	45332	43893	44548	1.63	cps
Neodymium	150-1	347	300	213	287	23.60	cps
Neodymium	150-2	83	70	87	80	11.03	cps
Nickel	60-2	24925	25579	25800	25434	1.79	cps
Phosphorus	31-2	9687	9662	9187	9512	2.96	cps
Potassium	39-2	3319288	3335839	3422251	3359126	1.65	cps
Rhodium	103-1	9977638	10039524	10185840	10067667	1.06	cps
Rhodium	103-2	4590863	4638387	4660275	4629842	0.77	cps
Scandium	45-1	7473741	7598036	7731923	7601233	1.70	cps
Scandium	45-2	308470	311947	315196	311871	1.08	cps
Selenium	77-2	63	37	50	50	26.66	cps
Selenium	78-2	109	156	96	120	25.88	cps
Selenium	82-1	-329	-476	-1510	-772	-83.48	cps
Silicon	28-1	248976747	251740314	255560706	252092589	1.31	cps
Silver	109-1	2300	1959	1850	2036	11.54	cps
Silver	107-1	2134	1992	2175	2100	4.58	cps
Sodium	23-2	802766185	806059985	820373118	809733096	1.16	cps
Strontium	86-1	5359677	5428498	5489441	5425872	1.20	cps
Strontium	88-1	45680340	46130807	46846749	46219299	1.27	cps
Sulfur	34-1	2375597	2397089	2420781	2397822	0.94	cps
Terbium	159-1	18166727	18338600	18472543	18325957	0.84	cps
Terbium	159-2	7950564	8066606	8079020	8032063	0.88	cps
Thallium	203-1	3951	3242	3109	3434	13.18	cps
Thallium	205-1	9721	8178	7828	8575	11.74	cps
Thorium	232-1	639	567	644	617	7.04	cps
Tin	118-1	44722	43618	42582	43641	2.45	cps
Titanium	47-1	11905	12364	13590	12620	6.90	cps
Uranium	238-1	48735	48560	48617	48638	0.18	cps
Vanadium	51-2	6778	6595	6535	6636	1.91	cps
Yttrium	89-1	12115202	12166706	12350097	12210668	1.01	cps
Yttrium	89-2	1533588	1545688	1562376	1547217	0.93	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-16	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-40-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 16:36:40	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	8546	8409	8890	8615	2.87	cps
Zirconium	90-1	7804	6819	7204	7276	6.83	cps
Zirconium	91-1	1517	1458	1392	1456	4.30	cps

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : K1079-18 Instrumnet Name : P7
 Client Sample ID : EPA-MW-41-EF-01DD20 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 16:40:20 DataFile Name : 038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2300	2150	2250	2234	3.42	cps
Antimony	121-1	41688	39507	39297	40164	3.30	cps
Arsenic	75-2	1026	1093	1043	1054	3.29	cps
Barium	135-1	1015752	1002300	1001581	1006544	0.79	cps
Barium	137-1	1786379	1782123	1750697	1773066	1.10	cps
Beryllium	9-1	403	330	390	374	10.43	cps
Bismuth	209-1	11036200	11194914	11099869	11110328	0.72	cps
Bismuth	209-2	5285438	5301754	5282775	5289989	0.19	cps
Boron	10-1	9819222	9952132	9903196	9891517	0.68	cps
Boron	11-1	48547404	48975657	49001273	48841445	0.52	cps
Cadmium	111-1	5773	5555	5418	5582	3.22	cps
Cadmium	106-1	6685	6368	6243	6432	3.54	cps
Cadmium	108-1	188	129	171	163	18.49	cps
Calcium	43-1	25655681	25592975	25503956	25584204	0.30	cps
Calcium	44-1	415810993	418827426	417811851	417483423	0.37	cps
Chromium	52-2	3163804	3167086	3165013	3165301	0.05	cps
Cobalt	59-2	114405	115171	112887	114154	1.02	cps
Copper	63-2	53999	55415	55177	54864	1.38	cps
Dysprosium	156-1	633	692	658	661	4.43	cps
Dysprosium	156-2	360	237	303	300	20.58	cps
Erbium	164-1	700	783	917	800	13.66	cps
Erbium	164-2	320	357	337	338	5.44	cps
Gadolinium	160-1	708	875	725	770	11.93	cps
Gadolinium	160-2	430	577	537	514	14.74	cps
Holmium	165-1	19810485	19963791	19839778	19871351	0.41	cps
Holmium	165-2	8909400	8865757	8803826	8859661	0.60	cps
Indium	115-1	13053588	13189189	13142000	13128259	0.52	cps
Indium	115-2	2163205	2170444	2154146	2162598	0.38	cps
Iron	56-2	37365554	37100672	36755670	37073965	0.82	cps
Iron	57-2	985429	989089	980832	985117	0.42	cps
Krypton	83-1	4648	4764	4944	4785	3.12	cps
Lead	206-1	10732	10310	9882	10308	4.13	cps
Lead	207-1	8525	8681	8547	8584	0.98	cps
Lead	208-1	40119	40609	39313	40013	1.64	cps
Lithium	6-1	4202298	4242737	4225501	4223512	0.48	cps
Magnesium	24-2	77961898	77724502	77258891	77648430	0.46	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-18	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-41-EF-01DD20	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 16:40:20	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	51635644	51349869	50933481	51306331	0.69	cps
Molybdenum	94-1	17287	17328	16827	17147	1.62	cps
Molybdenum	95-1	11563	11880	12372	11939	3.41	cps
Molybdenum	96-1	13073	13465	12681	13073	3.00	cps
Molybdenum	97-1	6660	6593	6227	6493	3.60	cps
Molybdenum	98-1	15959	16335	16110	16135	1.17	cps
Neodymium	150-1	733	573	627	644	12.64	cps
Neodymium	150-2	190	167	240	199	18.84	cps
Nickel	60-2	62800	61682	61790	62091	0.99	cps
Phosphorus	31-2	383	500	517	467	15.57	cps
Potassium	39-2	2910982	2904077	2874595	2896551	0.67	cps
Rhodium	103-1	11031325	11094621	11106367	11077438	0.36	cps
Rhodium	103-2	4880629	4946467	4904455	4910517	0.68	cps
Scandium	45-1	8613375	8746086	8677834	8679098	0.76	cps
Scandium	45-2	343507	342462	339777	341916	0.56	cps
Selenium	77-2	30	37	43	37	18.18	cps
Selenium	78-2	81	87	83	84	3.37	cps
Selenium	82-1	-551	-343	-402	-432	-24.85	cps
Silicon	28-1	333472657	330585666	330443424	331500582	0.52	cps
Silver	109-1	1533	1550	1392	1492	5.83	cps
Silver	107-1	1875	1667	1834	1792	6.15	cps
Sodium	23-2	518356878	515872112	514156411	516128467	0.41	cps
Strontium	86-1	17431421	17207420	17183350	17274064	0.79	cps
Strontium	88-1	150448233	150607808	149966537	150340859	0.22	cps
Sulfur	34-1	813862	802608	798344	804938	1.00	cps
Terbium	159-1	19762315	19935228	19859934	19852492	0.44	cps
Terbium	159-2	8529203	8522176	8466841	8506073	0.40	cps
Thallium	203-1	2484	1884	2009	2125	14.90	cps
Thallium	205-1	5676	5318	4935	5310	6.99	cps
Thorium	232-1	328	444	389	387	15.08	cps
Tin	118-1	24305	24397	24990	24564	1.51	cps
Titanium	47-1	14866	19113	24488	19489	24.74	cps
Uranium	238-1	86415	85266	84217	85299	1.29	cps
Vanadium	51-2	8012	8259	7992	8088	1.84	cps
Yttrium	89-1	13589865	13745849	13660943	13665552	0.57	cps
Yttrium	89-2	1668892	1678776	1653225	1666964	0.77	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-18	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-41-EF-01DD20	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 16:40:20	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	12506	12759	12389	12551	1.51	cps
Zirconium	90-1	32372	33477	31721	32523	2.73	cps
Zirconium	91-1	7469	7477	7652	7533	1.38	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-20	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-41-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 16:44:05	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	66138	64849	65895	65628	1.04	cps
Antimony	121-1	36490	35228	35688	35802	1.78	cps
Arsenic	75-2	285	363	352	333	12.62	cps
Barium	135-1	47323	47641	45793	46919	2.11	cps
Barium	137-1	83425	82143	80810	82126	1.59	cps
Beryllium	9-1	777	693	860	777	10.73	cps
Bismuth	209-1	11879455	11984007	12021644	11961702	0.62	cps
Bismuth	209-2	5718912	5778720	5802899	5766844	0.75	cps
Boron	10-1	3424270	3434561	3432734	3430521	0.16	cps
Boron	11-1	16618338	16607813	16781906	16669352	0.59	cps
Cadmium	111-1	25853	25786	25108	25582	1.61	cps
Cadmium	106-1	8069	7878	7686	7877	2.43	cps
Cadmium	108-1	1517	1558	1458	1511	3.32	cps
Calcium	43-1	3852505	3802360	3754220	3803028	1.29	cps
Calcium	44-1	61870195	61748676	60734808	61451226	1.01	cps
Chromium	52-2	272983336	272570809	273092249	272882131	0.10	cps
Cobalt	59-2	83509	81803	83721	83011	1.27	cps
Copper	63-2	5326728	5360290	5415978	5367665	0.84	cps
Dysprosium	156-1	358	367	383	369	3.45	cps
Dysprosium	156-2	167	177	207	183	11.35	cps
Erbium	164-1	617	642	517	592	11.18	cps
Erbium	164-2	253	267	290	270	6.87	cps
Gadolinium	160-1	533	492	533	519	4.63	cps
Gadolinium	160-2	460	367	410	412	11.33	cps
Holmium	165-1	19769142	19604242	19703898	19692427	0.42	cps
Holmium	165-2	8773099	8804410	8811990	8796500	0.23	cps
Indium	115-1	13155585	13221495	13185621	13187567	0.25	cps
Indium	115-2	2135788	2140788	2145584	2140720	0.23	cps
Iron	56-2	459322	459319	458686	459109	0.08	cps
Iron	57-2	25217	25651	25790	25552	1.17	cps
Krypton	83-1	2647	2507	2690	2615	3.67	cps
Lead	206-1	3462	3578	3434	3491	2.20	cps
Lead	207-1	2834	2984	2850	2889	2.85	cps
Lead	208-1	13631	13470	12825	13309	3.20	cps
Lithium	6-1	3925632	3943171	3911502	3926768	0.40	cps
Magnesium	24-2	11100168	11031077	11032388	11054544	0.36	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-20	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-41-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 16:44:05	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	9403465	9375983	9402704	9394051	0.17	cps
Molybdenum	94-1	10679	11071	10638	10796	2.22	cps
Molybdenum	95-1	13340	13132	12606	13026	2.90	cps
Molybdenum	96-1	13407	13165	13140	13237	1.11	cps
Molybdenum	97-1	7794	7661	8203	7886	3.58	cps
Molybdenum	98-1	19356	19898	19239	19498	1.80	cps
Neodymium	150-1	300	307	313	307	2.17	cps
Neodymium	150-2	93	110	87	97	12.43	cps
Nickel	60-2	134188	135439	134934	134853	0.47	cps
Phosphorus	31-2	342	283	225	283	20.59	cps
Potassium	39-2	1124897	1113465	1116128	1118163	0.53	cps
Rhodium	103-1	11333662	11318274	11206058	11285998	0.62	cps
Rhodium	103-2	5023297	5012354	5027577	5021076	0.16	cps
Scandium	45-1	8189165	8116294	8031201	8112220	0.97	cps
Scandium	45-2	311339	313824	313348	312837	0.42	cps
Selenium	77-2	47	37	27	37	27.27	cps
Selenium	78-2	113	106	109	109	3.39	cps
Selenium	82-1	6337	6805	6784	6642	3.98	cps
Silicon	28-1	197377396	196838521	195359654	196525191	0.53	cps
Silver	109-1	3526	2942	3092	3187	9.51	cps
Silver	107-1	3701	3326	3259	3428	6.95	cps
Sodium	23-2	254137706	252068089	250257531	252154442	0.77	cps
Strontium	86-1	2398413	2411443	2373809	2394555	0.80	cps
Strontium	88-1	20742934	20756956	20589078	20696323	0.45	cps
Sulfur	34-1	3788803	3784280	3744728	3772604	0.64	cps
Terbium	159-1	19672187	19705829	19795064	19724360	0.32	cps
Terbium	159-2	8386691	8436049	8441787	8421509	0.36	cps
Thallium	203-1	2084	1775	1892	1917	8.12	cps
Thallium	205-1	4776	4393	4051	4407	8.24	cps
Thorium	232-1	328	256	322	302	13.31	cps
Tin	118-1	19890	19581	19364	19612	1.35	cps
Titanium	47-1	6402	6935	5901	6413	8.06	cps
Uranium	238-1	52391	51956	50860	51736	1.52	cps
Vanadium	51-2	1833	1957	1803	1865	4.36	cps
Yttrium	89-1	13185856	13205281	13162781	13184640	0.16	cps
Yttrium	89-2	1600070	1584747	1591266	1592028	0.48	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-20	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-41-OB-010720	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 16:44:05	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	81264	80222	80608	80698	0.65	cps
Zirconium	90-1	10513	10271	10504	10429	1.32	cps
Zirconium	91-1	2184	2250	2234	2222	1.56	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1104-07DLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-37-BR-0109201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-18 16:47:47	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	100	167	128	27.15	cps
Antimony	121-1	7035	6443	5768	6416	9.88	cps
Arsenic	75-2	85	89	91	88	3.20	cps
Barium	135-1	185676	181985	184078	183913	1.01	cps
Barium	137-1	323532	325672	321814	323673	0.60	cps
Beryllium	9-1	260	240	220	240	8.33	cps
Bismuth	209-1	14007171	13998234	13939869	13981758	0.26	cps
Bismuth	209-2	6974052	6986301	6983290	6981214	0.09	cps
Boron	10-1	181407	172179	163221	172269	5.28	cps
Boron	11-1	878209	818528	780757	825831	5.95	cps
Cadmium	111-1	5009	4708	4743	4820	3.42	cps
Cadmium	106-1	6935	6610	6652	6732	2.63	cps
Cadmium	108-1	29	46	25	33	33.06	cps
Calcium	43-1	1065614	1063831	1050650	1060032	0.77	cps
Calcium	44-1	17252136	17212165	17273316	17245873	0.18	cps
Chromium	52-2	1853628	1853346	1857619	1854864	0.13	cps
Cobalt	59-2	253	287	253	264	7.28	cps
Copper	63-2	13760	13750	13343	13618	1.75	cps
Dysprosium	156-1	58	58	33	50	28.88	cps
Dysprosium	156-2	20	43	30	31	37.62	cps
Erbium	164-1	158	242	142	181	29.67	cps
Erbium	164-2	93	73	77	81	13.21	cps
Gadolinium	160-1	192	175	117	161	24.45	cps
Gadolinium	160-2	233	273	273	260	8.88	cps
Holmium	165-1	20677807	20495970	20469289	20547689	0.55	cps
Holmium	165-2	9371855	9485746	9421039	9426213	0.61	cps
Indium	115-1	14431989	14414985	14439903	14428959	0.09	cps
Indium	115-2	2398895	2413080	2408968	2406981	0.30	cps
Iron	56-2	20487	20593	20092	20391	1.29	cps
Iron	57-2	4379	4806	4745	4643	4.98	cps
Krypton	83-1	677	657	740	691	6.30	cps
Lead	206-1	1872	1984	1972	1943	3.15	cps
Lead	207-1	1528	1645	1600	1591	3.70	cps
Lead	208-1	7334	7401	7284	7340	0.80	cps
Lithium	6-1	4003680	4019570	4032174	4018475	0.36	cps
Magnesium	24-2	1754334	1780145	1769494	1767991	0.73	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1104-07DLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-37-BR-0109201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-18 16:47:47	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1067	943	937	982	7.45	cps
Molybdenum	94-1	917	783	667	789	15.86	cps
Molybdenum	95-1	1058	1092	942	1031	7.64	cps
Molybdenum	96-1	1067	1192	1308	1189	10.17	cps
Molybdenum	97-1	667	558	758	661	15.14	cps
Molybdenum	98-1	1625	1550	1550	1575	2.75	cps
Neodymium	150-1	60	53	60	58	6.65	cps
Neodymium	150-2	10	13	13	12	15.73	cps
Nickel	60-2	1077	1177	1277	1177	8.50	cps
Phosphorus	31-2	150	167	158	158	5.26	cps
Potassium	39-2	139324	140788	138349	139487	0.88	cps
Rhodium	103-1	12702830	12866066	12690533	12753143	0.77	cps
Rhodium	103-2	5747851	5800348	5814103	5787434	0.60	cps
Scandium	45-1	8349726	8314141	8351537	8338468	0.25	cps
Scandium	45-2	334341	340340	335369	336683	0.95	cps
Selenium	77-2	17	13	3	11	62.48	cps
Selenium	78-2	76	81	94	84	11.32	cps
Selenium	82-1	780	835	607	741	16.06	cps
Silicon	28-1	15859610	16073649	16146603	16026621	0.93	cps
Silver	109-1	908	933	800	881	8.05	cps
Silver	107-1	892	817	750	820	8.65	cps
Sodium	23-2	11669894	11745571	11620639	11678701	0.54	cps
Strontium	86-1	175586	172409	173959	173985	0.91	cps
Strontium	88-1	1508713	1493088	1500571	1500791	0.52	cps
Sulfur	34-1	598432	609711	614072	607405	1.33	cps
Terbium	159-1	20651080	20747596	20640823	20679833	0.28	cps
Terbium	159-2	8995778	9127213	9035152	9052714	0.75	cps
Thallium	203-1	1158	1192	1125	1158	2.88	cps
Thallium	205-1	2842	2609	2784	2745	4.42	cps
Thorium	232-1	178	217	139	178	21.87	cps
Tin	118-1	1917	1984	2309	2070	10.13	cps
Titanium	47-1	883	750	725	786	10.83	cps
Uranium	238-1	4176	4126	4084	4129	1.11	cps
Vanadium	51-2	1100	1073	1113	1096	1.86	cps
Yttrium	89-1	13798629	13827066	13904623	13843439	0.40	cps
Yttrium	89-2	1716695	1715027	1732370	1721364	0.56	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1104-07DLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-37-BR-0109201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-18 16:47:47	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1593	1630	1433	1552	6.74	cps
Zirconium	90-1	983	892	858	911	7.10	cps
Zirconium	91-1	183	250	167	200	22.05	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P7
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 16:52:26	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9631395	9617719	9793507	9680873	1.01	cps
Antimony	121-1	7513748	7556833	7598676	7556419	0.56	cps
Arsenic	75-2	239002	241213	244132	241449	1.07	cps
Barium	135-1	10786540	10867428	10880585	10844851	0.47	cps
Barium	137-1	19057394	19066171	19238450	19120672	0.53	cps
Beryllium	9-1	1989405	1984073	1999283	1990920	0.39	cps
Bismuth	209-1	11450676	11487290	11554482	11497483	0.46	cps
Bismuth	209-2	5679903	5742209	5761468	5727860	0.74	cps
Boron	10-1	520439	521795	520990	521075	0.13	cps
Boron	11-1	2438115	2452951	2455410	2448825	0.38	cps
Cadmium	111-1	2370255	2375930	2357627	2367937	0.40	cps
Cadmium	106-1	271741	272321	272180	272081	0.11	cps
Cadmium	108-1	186644	183326	184104	184691	0.94	cps
Calcium	43-1	13052563	13135497	13057590	13081883	0.36	cps
Calcium	44-1	212709796	213034680	213614463	213119646	0.22	cps
Chromium	52-2	2492444	2503336	2536613	2510798	0.92	cps
Cobalt	59-2	4073599	4127725	4126127	4109150	0.75	cps
Copper	63-2	5422116	5445875	5508436	5458809	0.82	cps
Dysprosium	156-1	375	308	425	369	15.84	cps
Dysprosium	156-2	210	193	233	212	9.47	cps
Erbium	164-1	125	167	200	164	22.93	cps
Erbium	164-2	70	57	73	67	13.23	cps
Gadolinium	160-1	325	167	308	267	32.63	cps
Gadolinium	160-2	343	273	277	298	13.26	cps
Holmium	165-1	19224281	19470097	19140282	19278220	0.89	cps
Holmium	165-2	8914534	8991752	8992241	8966175	0.50	cps
Indium	115-1	12503036	12528006	12630521	12553854	0.54	cps
Indium	115-2	2163629	2185582	2186816	2178676	0.60	cps
Iron	56-2	531914956	532034345	541150323	535033208	0.99	cps
Iron	57-2	13066645	13182479	13242297	13163807	0.68	cps
Krypton	83-1	703	653	653	670	4.31	cps
Lead	206-1	8505377	8470555	8438274	8471402	0.40	cps
Lead	207-1	7635859	7554641	7496199	7562233	0.93	cps
Lead	208-1	33965483	33853969	33627906	33815786	0.51	cps
Lithium	6-1	3678040	3695070	3701252	3691454	0.33	cps
Magnesium	24-2	102832354	103351917	104477763	103554011	0.81	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P7
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 16:52:26	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2980452	2995442	3020448	2998781	0.67	cps
Molybdenum	94-1	17140609	17393261	17384346	17306072	0.83	cps
Molybdenum	95-1	21208918	21216547	21290702	21238722	0.21	cps
Molybdenum	96-1	23388668	23361480	23613816	23454655	0.59	cps
Molybdenum	97-1	13195619	13272166	13306785	13258190	0.43	cps
Molybdenum	98-1	34159836	34318820	34409863	34296173	0.37	cps
Neodymium	150-1	1140	1273	1333	1249	7.92	cps
Neodymium	150-2	160	187	190	179	9.19	cps
Nickel	60-2	1045412	1060229	1056921	1054187	0.74	cps
Phosphorus	31-2	96998	96628	98902	97509	1.25	cps
Potassium	39-2	42578302	43100747	42977018	42885355	0.64	cps
Rhodium	103-1	10714845	10608114	10692476	10671811	0.53	cps
Rhodium	103-2	4923688	4959542	4973215	4952148	0.52	cps
Scandium	45-1	7756680	7820771	7832219	7803224	0.52	cps
Scandium	45-2	328120	327426	333619	329721	1.03	cps
Selenium	77-2	7142	7025	7115	7094	0.86	cps
Selenium	78-2	23803	23625	23948	23792	0.68	cps
Selenium	82-1	181144	180306	180931	180794	0.24	cps
Silicon	28-1	5722270	5776994	5833747	5777670	0.96	cps
Silver	109-1	10467112	10464162	10486304	10472526	0.11	cps
Silver	107-1	10925398	10841890	11002714	10923334	0.74	cps
Sodium	23-2	195793100	198165867	198716854	197558607	0.79	cps
Strontium	86-1	2911867	2888443	2901338	2900549	0.40	cps
Strontium	88-1	24763573	24879045	24939732	24860784	0.36	cps
Sulfur	34-1	1407300	1400231	1403954	1403828	0.25	cps
Terbium	159-1	19125548	19211355	19270933	19202612	0.38	cps
Terbium	159-2	8463396	8560273	8578818	8534163	0.73	cps
Thallium	203-1	10479556	10528988	10499982	10502842	0.24	cps
Thallium	205-1	25276789	25156046	25120953	25184596	0.32	cps
Thorium	232-1	37572521	37966841	37519279	37686214	0.65	cps
Tin	118-1	7616715	7610365	7649481	7625520	0.28	cps
Titanium	47-1	5920453	5956289	5998160	5958301	0.65	cps
Uranium	238-1	37603210	37591288	37586632	37593710	0.02	cps
Vanadium	51-2	1981711	1986459	1998539	1988903	0.44	cps
Yttrium	89-1	12790014	12822377	12899613	12837335	0.44	cps
Yttrium	89-2	1640133	1651410	1661609	1651051	0.65	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P7
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 16:52:26	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	855710	860501	864559	860257	0.51	cps
Zirconium	90-1	14555414	14605914	14578962	14580097	0.17	cps
Zirconium	91-1	3261797	3265979	3271347	3266374	0.15	cps

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : CCB76 Instrumnet Name : P7
 Client Sample ID : CCB76 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 17:07:52 DataFile Name : 042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	142	183	147	22.88	cps
Antimony	121-1	458	450	500	469	5.71	cps
Arsenic	75-2	11	9	6	9	32.69	cps
Barium	135-1	133	100	183	139	30.20	cps
Barium	137-1	225	233	233	231	2.09	cps
Beryllium	9-1	193	243	163	200	20.21	cps
Bismuth	209-1	14080204	13889753	13900577	13956845	0.77	cps
Bismuth	209-2	7295655	7284545	7294884	7291695	0.09	cps
Boron	10-1	33914	32936	32653	33168	2.00	cps
Boron	11-1	159054	159433	155014	157834	1.55	cps
Cadmium	111-1	4533	4489	4434	4485	1.10	cps
Cadmium	106-1	6268	6277	6160	6235	1.04	cps
Cadmium	108-1	25	25	33	28	17.31	cps
Calcium	43-1	275	358	275	303	15.89	cps
Calcium	44-1	10438	10554	10729	10574	1.39	cps
Chromium	52-2	6321	6301	5881	6168	4.03	cps
Cobalt	59-2	63	83	80	76	14.18	cps
Copper	63-2	4581	4594	4774	4650	2.32	cps
Dysprosium	156-1	8	25	17	17	50.01	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	58	83	33	58	42.86	cps
Erbium	164-2	47	40	47	44	8.66	cps
Gadolinium	160-1	133	83	108	108	23.08	cps
Gadolinium	160-2	240	230	230	233	2.47	cps
Holmium	165-1	20206846	20057430	19890673	20051650	0.79	cps
Holmium	165-2	9674093	9660913	9564148	9633051	0.62	cps
Indium	115-1	14439298	14403701	14342396	14395132	0.34	cps
Indium	115-2	2473536	2472639	2481733	2475969	0.20	cps
Iron	56-2	10910	11349	11510	11256	2.76	cps
Iron	57-2	256	228	244	243	5.76	cps
Krypton	83-1	580	523	550	551	5.14	cps
Lead	206-1	1778	1906	1945	1876	4.65	cps
Lead	207-1	1689	1506	1517	1571	6.55	cps
Lead	208-1	7190	7062	7301	7184	1.66	cps
Lithium	6-1	4153452	4131442	4129002	4137966	0.33	cps
Magnesium	24-2	1133	1400	1267	1267	10.53	cps

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : CCB76 Instrumnet Name : P7
 Client Sample ID : CCB76 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 17:07:52 DataFile Name : 042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	123	150	147	140	10.38	cps
Molybdenum	94-1	542	575	642	586	8.69	cps
Molybdenum	95-1	517	558	425	500	13.64	cps
Molybdenum	96-1	592	617	700	636	8.92	cps
Molybdenum	97-1	467	283	267	339	32.75	cps
Molybdenum	98-1	750	842	708	767	8.90	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	3	0	10	4	114.60	cps
Nickel	60-2	123	110	123	119	6.48	cps
Phosphorus	31-2	133	183	217	178	23.59	cps
Potassium	39-2	20223	19964	20315	20167	0.90	cps
Rhodium	103-1	12872327	13044699	12889656	12935560	0.73	cps
Rhodium	103-2	6095540	6152562	6103037	6117047	0.51	cps
Scandium	45-1	8524107	8507109	8521925	8517714	0.11	cps
Scandium	45-2	347295	347809	349229	348111	0.29	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	61	65	63	63	2.95	cps
Selenium	82-1	27	63	54	48	38.49	cps
Silicon	28-1	292550	291850	291971	292124	0.13	cps
Silver	109-1	767	683	733	728	5.76	cps
Silver	107-1	750	758	792	767	2.88	cps
Sodium	23-2	45930	44609	45462	45334	1.48	cps
Strontium	86-1	908	983	925	939	4.19	cps
Strontium	88-1	350	483	375	403	17.60	cps
Sulfur	34-1	442390	442722	445504	443539	0.39	cps
Terbium	159-1	20322405	20118134	20162496	20201012	0.53	cps
Terbium	159-2	9324192	9282227	9339858	9315425	0.32	cps
Thallium	203-1	925	1058	1008	997	6.75	cps
Thallium	205-1	2342	2375	2459	2392	2.51	cps
Thorium	232-1	983	1083	1000	1022	5.24	cps
Tin	118-1	1317	1183	1167	1222	6.73	cps
Titanium	47-1	267	117	158	181	42.89	cps
Uranium	238-1	483	450	492	475	4.64	cps
Vanadium	51-2	53	37	30	40	30.04	cps
Yttrium	89-1	13918956	13823658	13789698	13844104	0.48	cps
Yttrium	89-2	1767286	1781651	1774665	1774534	0.40	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CCB76	Instrumnet Name :	P7
Client Sample ID :	CCB76	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 17:07:52	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	403	350	377	377	7.08	cps
Zirconium	90-1	1092	1033	1142	1089	4.98	cps
Zirconium	91-1	233	242	242	239	2.01	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-02DLX100	Instrumnet Name :	P7
Client Sample ID :	D-01072019-01-FFDL	Dilution Factor :	100
Date & Time Acquired ::	2019-01-18 17:11:28	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1383	1400	1467	1417	3.11	cps
Antimony	121-1	1692	2209	1825	1909	14.06	cps
Arsenic	75-2	9	7	11	9	19.98	cps
Barium	135-1	383	233	208	275	34.42	cps
Barium	137-1	433	583	500	506	14.87	cps
Beryllium	9-1	213	220	123	186	29.10	cps
Bismuth	209-1	13956999	13984525	13897994	13946506	0.32	cps
Bismuth	209-2	7230956	7209861	7268874	7236564	0.41	cps
Boron	10-1	31835	32335	31634	31935	1.13	cps
Boron	11-1	149744	147388	149524	148885	0.87	cps
Cadmium	111-1	5063	4780	4947	4930	2.89	cps
Cadmium	106-1	6852	6435	6585	6624	3.19	cps
Cadmium	108-1	42	42	54	46	15.74	cps
Calcium	43-1	28562	27577	28695	28278	2.16	cps
Calcium	44-1	473146	469398	467489	470011	0.61	cps
Chromium	52-2	2693528	2673674	2727585	2698262	1.01	cps
Cobalt	59-2	1027	1083	1090	1067	3.26	cps
Copper	63-2	85696	85773	86726	86065	0.67	cps
Dysprosium	156-1	50	83	42	58	37.80	cps
Dysprosium	156-2	23	13	33	23	42.86	cps
Erbium	164-1	142	117	100	119	17.56	cps
Erbium	164-2	63	43	53	53	18.75	cps
Gadolinium	160-1	158	200	200	186	12.93	cps
Gadolinium	160-2	250	277	263	263	5.06	cps
Holmium	165-1	20062846	19904111	20096127	20021028	0.51	cps
Holmium	165-2	9552612	9611008	9619379	9594333	0.38	cps
Indium	115-1	14410938	14371306	14434657	14405634	0.22	cps
Indium	115-2	2444068	2482394	2486805	2471089	0.95	cps
Iron	56-2	37671	37916	36997	37528	1.27	cps
Iron	57-2	1183	1017	1145	1115	7.82	cps
Krypton	83-1	597	510	563	557	7.85	cps
Lead	206-1	1945	2111	1928	1995	5.08	cps
Lead	207-1	1800	1589	1578	1656	7.56	cps
Lead	208-1	7929	7457	7601	7662	3.16	cps
Lithium	6-1	4116276	4082072	4094625	4097658	0.42	cps
Magnesium	24-2	37798	38166	38166	38043	0.56	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-02DLX100	Instrumnet Name :	P7
Client Sample ID :	D-01072019-01-FFDL	Dilution Factor :	100
Date & Time Acquired ::	2019-01-18 17:11:28	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27826	27933	27843	27868	0.21	cps
Molybdenum	94-1	483	475	517	492	4.48	cps
Molybdenum	95-1	208	175	275	219	23.20	cps
Molybdenum	96-1	458	375	350	394	14.38	cps
Molybdenum	97-1	142	142	92	125	23.09	cps
Molybdenum	98-1	425	342	242	336	27.31	cps
Neodymium	150-1	47	80	60	62	26.96	cps
Neodymium	150-2	27	20	13	20	33.35	cps
Nickel	60-2	2477	2237	2370	2361	5.09	cps
Phosphorus	31-2	75	167	183	142	41.18	cps
Potassium	39-2	26274	26099	27084	26486	1.98	cps
Rhodium	103-1	12898171	12802014	12860179	12853455	0.38	cps
Rhodium	103-2	5997908	6077842	6037292	6037681	0.66	cps
Scandium	45-1	8555873	8467190	8487647	8503570	0.55	cps
Scandium	45-2	342587	346762	351071	346807	1.22	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	50	59	61	57	10.48	cps
Selenium	82-1	-41	63	40	21	264.32	cps
Silicon	28-1	5106427	5076964	5062228	5081873	0.44	cps
Silver	109-1	583	542	533	553	4.85	cps
Silver	107-1	633	583	667	628	6.68	cps
Sodium	23-2	1642007	1672897	1679415	1664773	1.20	cps
Strontium	86-1	3459	3484	3292	3412	3.06	cps
Strontium	88-1	21167	21709	22126	21667	2.22	cps
Sulfur	34-1	456469	447758	436684	446970	2.22	cps
Terbium	159-1	20222770	20134249	20195827	20184282	0.22	cps
Terbium	159-2	9234598	9286132	9273347	9264693	0.29	cps
Thallium	203-1	867	883	983	911	6.93	cps
Thallium	205-1	1984	2192	1850	2009	8.58	cps
Thorium	232-1	483	539	483	502	6.39	cps
Tin	118-1	1383	1417	1250	1350	6.53	cps
Titanium	47-1	300	350	400	350	14.28	cps
Uranium	238-1	175	175	117	156	21.65	cps
Vanadium	51-2	33	27	40	33	20.00	cps
Yttrium	89-1	13871271	13996605	13813400	13893759	0.67	cps
Yttrium	89-2	1757564	1789672	1784715	1777317	0.97	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-02DLX100	Instrumnet Name :	P7
Client Sample ID :	D-01072019-01-FFDL	Dilution Factor :	100
Date & Time Acquired ::	2019-01-18 17:11:28	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1320	1477	1470	1422	6.23	cps
Zirconium	90-1	1050	1058	1117	1075	3.38	cps
Zirconium	91-1	158	275	267	233	27.89	cps

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : K1079-06DLX5 Instrumnet Name : P7
 Client Sample ID : EPA-MW-29-BR-0107201 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-18 17:15:04 DataFile Name : 044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	133	158	153	11.35	cps
Antimony	121-1	6402	5701	5160	5754	10.82	cps
Arsenic	75-2	250	181	196	209	17.23	cps
Barium	135-1	131837	133353	133293	132828	0.65	cps
Barium	137-1	233754	228425	233514	231898	1.30	cps
Beryllium	9-1	177	207	227	203	12.38	cps
Bismuth	209-1	13640499	13708389	13767025	13705304	0.46	cps
Bismuth	209-2	7078373	7056484	7110277	7081711	0.38	cps
Boron	10-1	33722	33338	33388	33482	0.62	cps
Boron	11-1	160090	156772	156949	157937	1.18	cps
Cadmium	111-1	4960	4889	5121	4990	2.39	cps
Cadmium	106-1	6652	6427	6935	6671	3.82	cps
Cadmium	108-1	42	50	42	44	10.82	cps
Calcium	43-1	1057295	1038910	1033168	1043124	1.21	cps
Calcium	44-1	17022245	16654260	16827858	16834788	1.09	cps
Chromium	52-2	766587	758438	753028	759351	0.90	cps
Cobalt	59-2	3207	3064	3087	3119	2.47	cps
Copper	63-2	8466	8903	8930	8766	2.97	cps
Dysprosium	156-1	17	25	25	22	21.64	cps
Dysprosium	156-2	10	13	7	10	33.30	cps
Erbium	164-1	108	75	117	100	22.05	cps
Erbium	164-2	40	27	40	36	21.64	cps
Gadolinium	160-1	133	92	142	122	21.92	cps
Gadolinium	160-2	257	257	230	248	6.21	cps
Holmium	165-1	19954805	20021913	20304453	20093724	0.92	cps
Holmium	165-2	9598918	9638540	9633151	9623536	0.22	cps
Indium	115-1	14146656	14280699	14320240	14249198	0.64	cps
Indium	115-2	2479057	2497387	2500900	2492448	0.47	cps
Iron	56-2	55399	56180	55801	55793	0.70	cps
Iron	57-2	5690	6040	5640	5790	3.77	cps
Krypton	83-1	687	587	580	618	9.67	cps
Lead	206-1	2423	2211	2028	2221	8.89	cps
Lead	207-1	1945	2089	1839	1958	6.41	cps
Lead	208-1	9068	9035	8151	8751	5.94	cps
Lithium	6-1	4066651	4065735	4079446	4070610	0.19	cps
Magnesium	24-2	1392120	1410564	1392798	1398494	0.75	cps

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : K1079-06DLX5 Instrumnet Name : P7
 Client Sample ID : EPA-MW-29-BR-0107201 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-18 17:15:04 DataFile Name : 044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1166601	1175191	1171779	1171190	0.37	cps
Molybdenum	94-1	1150	1008	1258	1139	11.01	cps
Molybdenum	95-1	1325	1367	1333	1342	1.64	cps
Molybdenum	96-1	1425	1325	1500	1417	6.20	cps
Molybdenum	97-1	867	742	767	792	8.36	cps
Molybdenum	98-1	1809	1975	1867	1884	4.49	cps
Neodymium	150-1	27	27	7	20	57.73	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	4101	4091	3974	4055	1.74	cps
Phosphorus	31-2	108	133	100	114	15.23	cps
Potassium	39-2	150313	150919	153276	151503	1.03	cps
Rhodium	103-1	12508538	12641947	12527976	12559487	0.57	cps
Rhodium	103-2	5959176	5930203	6002294	5963891	0.61	cps
Scandium	45-1	8352942	8437223	8503874	8431346	0.90	cps
Scandium	45-2	348749	351163	351469	350460	0.43	cps
Selenium	77-2	0	7	10	6	91.64	cps
Selenium	78-2	81	65	70	72	11.75	cps
Selenium	82-1	217	324	335	292	22.32	cps
Silicon	28-1	15830241	15591571	15615535	15679116	0.84	cps
Silver	109-1	2634	2367	2392	2464	5.98	cps
Silver	107-1	2517	2459	2517	2498	1.35	cps
Sodium	23-2	15054686	15110929	15137875	15101164	0.28	cps
Strontium	86-1	165444	164889	163048	164460	0.76	cps
Strontium	88-1	1439819	1413216	1426486	1426507	0.93	cps
Sulfur	34-1	576664	577647	573874	576062	0.34	cps
Terbium	159-1	19980555	20079948	20228707	20096403	0.62	cps
Terbium	159-2	9267745	9246370	9295884	9270000	0.27	cps
Thallium	203-1	2959	3042	3034	3012	1.52	cps
Thallium	205-1	7344	7061	6944	7116	2.89	cps
Thorium	232-1	456	389	528	457	15.19	cps
Tin	118-1	2025	1942	1659	1875	10.25	cps
Titanium	47-1	692	608	692	664	7.25	cps
Uranium	238-1	5677	5160	5410	5415	4.77	cps
Vanadium	51-2	530	637	573	580	9.25	cps
Yttrium	89-1	13785678	13857021	13796187	13812962	0.28	cps
Yttrium	89-2	1781163	1780300	1794509	1785324	0.45	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-06DLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-29-BR-0107201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-18 17:15:04	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1403	1377	1380	1387	1.05	cps
Zirconium	90-1	1458	1258	1383	1367	7.39	cps
Zirconium	91-1	208	183	225	206	10.20	cps

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : K1079-08DLX100 Instrumnet Name : P7
 Client Sample ID : EPA-MW-29-OB-010720 Dilution Factor : 100
 Date & Time Acquired :: 2019-01-18 17:18:40 DataFile Name : 045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1550	1392	1600	1514	7.18	cps
Antimony	121-1	1950	2134	1934	2006	5.53	cps
Arsenic	75-2	26	11	17	18	41.82	cps
Barium	135-1	358	308	292	319	10.86	cps
Barium	137-1	558	408	450	472	16.40	cps
Beryllium	9-1	150	137	203	163	21.60	cps
Bismuth	209-1	14114493	14066720	14143378	14108197	0.27	cps
Bismuth	209-2	7197531	7199058	7176523	7191037	0.18	cps
Boron	10-1	25948	24646	23719	24771	4.52	cps
Boron	11-1	119628	116305	115079	117004	2.01	cps
Cadmium	111-1	5050	5012	4867	4976	1.94	cps
Cadmium	106-1	6752	6710	6418	6627	2.74	cps
Cadmium	108-1	50	50	25	42	34.64	cps
Calcium	43-1	30683	30374	30299	30452	0.67	cps
Calcium	44-1	506493	502724	503362	504193	0.40	cps
Chromium	52-2	2843743	2801078	2799399	2814740	0.89	cps
Cobalt	59-2	1230	1103	1237	1190	6.31	cps
Copper	63-2	91826	90991	90038	90952	0.98	cps
Dysprosium	156-1	75	42	67	61	28.38	cps
Dysprosium	156-2	33	27	17	26	32.81	cps
Erbium	164-1	150	150	158	153	3.15	cps
Erbium	164-2	43	53	30	42	27.72	cps
Gadolinium	160-1	225	117	150	164	33.86	cps
Gadolinium	160-2	243	223	317	261	18.82	cps
Holmium	165-1	20124013	20485065	20435258	20348112	0.96	cps
Holmium	165-2	9610644	9521345	9465638	9532543	0.77	cps
Indium	115-1	14541780	14554120	14485162	14527021	0.25	cps
Indium	115-2	2502988	2480656	2470254	2484633	0.67	cps
Iron	56-2	51736	52410	52639	52262	0.90	cps
Iron	57-2	1317	1711	1300	1443	16.13	cps
Krypton	83-1	577	680	503	587	15.13	cps
Lead	206-1	1411	1567	1511	1496	5.27	cps
Lead	207-1	1383	1256	1239	1293	6.11	cps
Lead	208-1	5945	5934	5495	5791	4.43	cps
Lithium	6-1	4030711	4028207	4018977	4025965	0.15	cps
Magnesium	24-2	40748	40748	41709	41069	1.35	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-08DLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-29-OB-010720	Dilution Factor :	100
Date & Time Acquired ::	2019-01-18 17:18:40	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	32075	31056	30809	31314	2.14	cps
Molybdenum	94-1	383	392	600	458	26.78	cps
Molybdenum	95-1	292	175	142	203	38.84	cps
Molybdenum	96-1	292	200	300	264	21.03	cps
Molybdenum	97-1	142	100	83	108	27.73	cps
Molybdenum	98-1	267	258	267	264	1.82	cps
Neodymium	150-1	53	40	53	49	15.75	cps
Neodymium	150-2	10	13	23	16	44.60	cps
Nickel	60-2	2490	2607	2390	2496	4.35	cps
Phosphorus	31-2	100	92	133	108	20.35	cps
Potassium	39-2	29230	29263	27902	28798	2.70	cps
Rhodium	103-1	13007601	12985207	12892360	12961723	0.47	cps
Rhodium	103-2	6029764	5989014	5874541	5964440	1.35	cps
Scandium	45-1	8394168	8430728	8519877	8448257	0.77	cps
Scandium	45-2	346353	343079	346489	345307	0.56	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	61	76	59	65	13.96	cps
Selenium	82-1	50	-70	82	21	387.04	cps
Silicon	28-1	5390470	5325024	5342977	5352823	0.63	cps
Silver	109-1	608	467	408	494	20.80	cps
Silver	107-1	658	550	558	589	10.24	cps
Sodium	23-2	1827133	1786381	1787129	1800214	1.30	cps
Strontium	86-1	3642	3567	3817	3676	3.49	cps
Strontium	88-1	26083	24538	25732	25451	3.18	cps
Sulfur	34-1	470330	471457	459274	467021	1.44	cps
Terbium	159-1	20449437	20235142	20499789	20394789	0.69	cps
Terbium	159-2	9252544	9218801	9160824	9210723	0.50	cps
Thallium	203-1	792	667	658	706	10.59	cps
Thallium	205-1	1867	1800	1834	1834	1.82	cps
Thorium	232-1	522	611	556	563	7.98	cps
Tin	118-1	1125	1283	1133	1181	7.55	cps
Titanium	47-1	400	300	375	358	14.52	cps
Uranium	238-1	83	117	150	117	28.57	cps
Vanadium	51-2	67	43	77	62	27.50	cps
Yttrium	89-1	13919435	13890701	13961495	13923877	0.26	cps
Yttrium	89-2	1784878	1773710	1758222	1772270	0.76	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-08DLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-29-OB-010720	Dilution Factor :	100
Date & Time Acquired ::	2019-01-18 17:18:40	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1333	1360	1603	1432	10.39	cps
Zirconium	90-1	1017	1133	1200	1117	8.31	cps
Zirconium	91-1	167	183	275	208	28.00	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-12DLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	100
Date & Time Acquired ::	2019-01-18 17:22:16	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2775	3034	3117	2975	5.99	cps
Antimony	121-1	275	300	233	269	12.50	cps
Arsenic	75-2	28	22	7	19	55.02	cps
Barium	135-1	7227	7619	7052	7300	3.98	cps
Barium	137-1	12915	13048	12815	12926	0.91	cps
Beryllium	9-1	260	230	213	234	10.09	cps
Bismuth	209-1	14023851	13831323	13867913	13907696	0.74	cps
Bismuth	209-2	7127338	7170232	7127588	7141719	0.35	cps
Boron	10-1	44776	46121	47267	46055	2.71	cps
Boron	11-1	213250	222500	215812	217188	2.20	cps
Cadmium	111-1	26514	26896	25756	26388	2.20	cps
Cadmium	106-1	8853	8511	7744	8369	6.79	cps
Cadmium	108-1	1558	1429	1492	1493	4.33	cps
Calcium	43-1	65019	65044	63236	64433	1.61	cps
Calcium	44-1	1077849	1063051	1053201	1064700	1.17	cps
Chromium	52-2	2699592	2720058	2703121	2707590	0.40	cps
Cobalt	59-2	2377	2330	2280	2329	2.08	cps
Copper	63-2	104587	106346	105919	105618	0.87	cps
Dysprosium	156-1	2709	2634	2267	2536	9.32	cps
Dysprosium	156-2	1360	1310	1250	1307	4.22	cps
Erbium	164-1	2692	2809	2634	2712	3.29	cps
Erbium	164-2	1253	1233	1240	1242	0.82	cps
Gadolinium	160-1	2884	3117	3075	3025	4.11	cps
Gadolinium	160-2	1850	1683	1707	1747	5.17	cps
Holmium	165-1	19967601	20228199	20006278	20067359	0.70	cps
Holmium	165-2	9428218	9502141	9464262	9464873	0.39	cps
Indium	115-1	14353567	14336191	14295798	14328518	0.21	cps
Indium	115-2	2442936	2482664	2460435	2462012	0.81	cps
Iron	56-2	9053	9470	9459	9327	2.55	cps
Iron	57-2	594	494	400	496	19.59	cps
Krypton	83-1	550	603	540	564	6.03	cps
Lead	206-1	1378	1245	1356	1326	5.39	cps
Lead	207-1	1350	1217	1217	1261	6.10	cps
Lead	208-1	5501	5206	5262	5323	2.94	cps
Lithium	6-1	3999182	3988884	3988861	3992309	0.15	cps
Magnesium	24-2	95210	93752	94095	94352	0.81	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-12DLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	100
Date & Time Acquired ::	2019-01-18 17:22:16	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	299665	298270	302155	300030	0.66	cps
Molybdenum	94-1	358	375	400	378	5.55	cps
Molybdenum	95-1	158	208	175	181	14.10	cps
Molybdenum	96-1	233	275	275	261	9.21	cps
Molybdenum	97-1	150	133	83	122	28.39	cps
Molybdenum	98-1	225	258	250	244	7.10	cps
Neodymium	150-1	2434	2620	2667	2574	4.80	cps
Neodymium	150-2	887	957	937	927	3.89	cps
Nickel	60-2	21713	22257	22033	22001	1.24	cps
Phosphorus	31-2	117	242	100	153	50.68	cps
Potassium	39-2	34967	36387	35302	35552	2.09	cps
Rhodium	103-1	12825615	12863814	12646056	12778495	0.91	cps
Rhodium	103-2	5789292	5980636	5938019	5902649	1.70	cps
Scandium	45-1	8409955	8337058	8224394	8323802	1.12	cps
Scandium	45-2	339278	339994	343289	340854	0.63	cps
Selenium	77-2	7	10	7	8	24.71	cps
Selenium	78-2	72	50	78	67	22.05	cps
Selenium	82-1	88	-8	102	61	99.07	cps
Silicon	28-1	1953453	1957558	1932135	1947716	0.70	cps
Silver	109-1	367	333	308	336	8.71	cps
Silver	107-1	608	350	400	453	30.26	cps
Sodium	23-2	2707218	2723679	2710503	2713800	0.32	cps
Strontium	86-1	25465	25248	25591	25434	0.68	cps
Strontium	88-1	214633	216776	212535	214648	0.99	cps
Sulfur	34-1	604643	601547	604946	603712	0.31	cps
Terbium	159-1	20048841	20196147	20050558	20098515	0.42	cps
Terbium	159-2	9081469	9215320	9130020	9142269	0.74	cps
Thallium	203-1	575	492	625	564	11.95	cps
Thallium	205-1	1517	1233	1192	1314	13.46	cps
Thorium	232-1	333	439	344	372	15.58	cps
Tin	118-1	1133	892	1108	1045	12.72	cps
Titanium	47-1	325	183	142	217	44.36	cps
Uranium	238-1	200	242	292	244	18.78	cps
Vanadium	51-2	53	37	73	54	33.71	cps
Yttrium	89-1	13753693	13736670	13668825	13719729	0.33	cps
Yttrium	89-2	1737570	1748696	1758190	1748152	0.59	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-12DLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	100
Date & Time Acquired ::	2019-01-18 17:22:16	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	7272	7532	7075	7293	3.14	cps
Zirconium	90-1	875	925	908	903	2.82	cps
Zirconium	91-1	225	150	158	178	23.12	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-12DUPDLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	100
Date & Time Acquired ::	2019-01-18 17:25:52	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3334	3484	3184	3334	4.50	cps
Antimony	121-1	225	258	250	244	7.09	cps
Arsenic	75-2	9	22	13	15	45.07	cps
Barium	135-1	7619	7219	6960	7266	4.57	cps
Barium	137-1	12856	12906	12907	12890	0.22	cps
Beryllium	9-1	223	203	230	219	6.34	cps
Bismuth	209-1	13716241	13842919	13818652	13792604	0.49	cps
Bismuth	209-2	7061501	7092991	7109898	7088130	0.35	cps
Boron	10-1	43463	43371	45728	44188	3.02	cps
Boron	11-1	209829	209708	211702	210413	0.53	cps
Cadmium	111-1	26776	26311	26985	26691	1.29	cps
Cadmium	106-1	8536	8728	8695	8653	1.18	cps
Cadmium	108-1	1458	1396	1342	1399	4.17	cps
Calcium	43-1	66400	65203	65529	65711	0.94	cps
Calcium	44-1	1082420	1084833	1077466	1081573	0.35	cps
Chromium	52-2	2729913	2744189	2749081	2741061	0.36	cps
Cobalt	59-2	2447	2430	2447	2441	0.39	cps
Copper	63-2	106098	106678	106833	106537	0.36	cps
Dysprosium	156-1	2617	2984	2375	2659	11.52	cps
Dysprosium	156-2	1433	1250	1223	1302	8.78	cps
Erbium	164-1	2917	2750	2759	2809	3.34	cps
Erbium	164-2	1360	1167	1193	1240	8.45	cps
Gadolinium	160-1	2867	2942	2784	2864	2.77	cps
Gadolinium	160-2	1713	1777	1693	1728	2.52	cps
Holmium	165-1	19842322	19997350	19744918	19861530	0.64	cps
Holmium	165-2	9466972	9379114	9413662	9419916	0.47	cps
Indium	115-1	14029606	14183906	14003870	14072460	0.69	cps
Indium	115-2	2444678	2436505	2466283	2449155	0.63	cps
Iron	56-2	9286	9431	9954	9557	3.67	cps
Iron	57-2	467	456	406	443	7.36	cps
Krypton	83-1	560	580	550	563	2.71	cps
Lead	206-1	1567	1450	1245	1420	11.49	cps
Lead	207-1	1289	1161	1183	1211	5.64	cps
Lead	208-1	5767	5423	5267	5486	4.67	cps
Lithium	6-1	3962828	3971730	3985971	3973510	0.29	cps
Magnesium	24-2	96744	97920	96610	97091	0.74	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-12DUPDLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	100
Date & Time Acquired ::	2019-01-18 17:25:52	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	305486	305631	306562	305893	0.19	cps
Molybdenum	94-1	433	425	400	419	4.14	cps
Molybdenum	95-1	200	208	225	211	6.03	cps
Molybdenum	96-1	317	342	225	294	20.86	cps
Molybdenum	97-1	125	142	133	133	6.25	cps
Molybdenum	98-1	367	317	258	314	17.27	cps
Neodymium	150-1	2667	2934	2500	2700	8.10	cps
Neodymium	150-2	910	967	863	913	5.67	cps
Nickel	60-2	22287	22274	22584	22382	0.78	cps
Phosphorus	31-2	158	92	108	119	29.05	cps
Potassium	39-2	35736	36345	35435	35839	1.29	cps
Rhodium	103-1	12637472	12558097	12571728	12589099	0.34	cps
Rhodium	103-2	5897900	5877210	5804284	5859798	0.84	cps
Scandium	45-1	8173114	8188211	8251250	8204192	0.51	cps
Scandium	45-2	338015	334563	340113	337564	0.83	cps
Selenium	77-2	10	3	10	8	49.52	cps
Selenium	78-2	63	74	85	74	15.00	cps
Selenium	82-1	38	79	46	54	40.48	cps
Silicon	28-1	1991034	1950919	1962844	1968266	1.05	cps
Silver	109-1	350	317	367	344	7.39	cps
Silver	107-1	483	442	333	419	18.46	cps
Sodium	23-2	2746209	2759410	2754088	2753236	0.24	cps
Strontium	86-1	26784	25565	25565	25972	2.71	cps
Strontium	88-1	222561	215826	215495	217961	1.83	cps
Sulfur	34-1	604576	604555	602050	603727	0.24	cps
Terbium	159-1	19900486	20052194	19888948	19947209	0.46	cps
Terbium	159-2	9154819	9077666	9137932	9123472	0.44	cps
Thallium	203-1	475	575	617	556	13.11	cps
Thallium	205-1	1358	1042	1092	1164	14.63	cps
Thorium	232-1	339	361	289	330	11.22	cps
Tin	118-1	1350	1150	992	1164	15.43	cps
Titanium	47-1	267	217	250	244	10.41	cps
Uranium	238-1	217	208	175	200	11.02	cps
Vanadium	51-2	57	67	77	67	15.00	cps
Yttrium	89-1	13614211	13602378	13464639	13560410	0.61	cps
Yttrium	89-2	1742523	1736459	1746632	1741871	0.29	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-12DUPDLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	100
Date & Time Acquired ::	2019-01-18 17:25:52	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	7155	7545	7672	7458	3.61	cps
Zirconium	90-1	933	833	908	892	5.84	cps
Zirconium	91-1	208	158	175	181	14.10	cps

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : K1079-12LDLX500 Instrumnet Name : P7
 Client Sample ID : EPA-MW-39-OB-010720 Dilution Factor : 500
 Date & Time Acquired :: 2019-01-18 17:29:28 DataFile Name : 048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	625	733	575	644	12.56	cps
Antimony	121-1	175	183	158	172	7.39	cps
Arsenic	75-2	13	22	9	15	45.07	cps
Barium	135-1	1358	1375	1375	1370	0.70	cps
Barium	137-1	2600	2650	2492	2581	3.14	cps
Beryllium	9-1	187	113	147	149	24.66	cps
Bismuth	209-1	13639959	13740406	13737831	13706065	0.42	cps
Bismuth	209-2	7131820	7102164	7109578	7114521	0.22	cps
Boron	10-1	20356	20890	21007	20751	1.67	cps
Boron	11-1	97748	97640	94763	96717	1.75	cps
Cadmium	111-1	9046	8778	8841	8889	1.57	cps
Cadmium	106-1	7219	6777	6710	6902	4.00	cps
Cadmium	108-1	279	363	242	294	21.01	cps
Calcium	43-1	12956	12923	12989	12956	0.26	cps
Calcium	44-1	216869	213252	215627	215249	0.85	cps
Chromium	52-2	540331	535038	535551	536973	0.54	cps
Cobalt	59-2	490	560	503	518	7.18	cps
Copper	63-2	24110	23903	24344	24119	0.91	cps
Dysprosium	156-1	600	642	600	614	3.92	cps
Dysprosium	156-2	233	290	267	263	10.82	cps
Erbium	164-1	608	492	575	558	10.76	cps
Erbium	164-2	297	243	237	259	12.70	cps
Gadolinium	160-1	650	692	692	678	3.55	cps
Gadolinium	160-2	510	520	470	500	5.29	cps
Holmium	165-1	19596342	19755218	19598741	19650100	0.46	cps
Holmium	165-2	9448818	9421133	9283101	9384350	0.95	cps
Indium	115-1	13988822	14014834	14022504	14008720	0.13	cps
Indium	115-2	2443633	2437937	2445970	2442513	0.17	cps
Iron	56-2	6541	5762	6107	6137	6.35	cps
Iron	57-2	178	194	206	193	7.26	cps
Krypton	83-1	533	520	597	550	7.45	cps
Lead	206-1	1367	1383	1400	1383	1.20	cps
Lead	207-1	1100	1133	1056	1096	3.56	cps
Lead	208-1	5195	5434	5267	5299	2.31	cps
Lithium	6-1	3976661	3982538	3975530	3978243	0.09	cps
Magnesium	24-2	18487	19188	19171	18949	2.11	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-12LDLX500	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	500
Date & Time Acquired ::	2019-01-18 17:29:28	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	59557	59075	59051	59228	0.48	cps
Molybdenum	94-1	367	358	300	342	10.63	cps
Molybdenum	95-1	133	92	125	117	18.90	cps
Molybdenum	96-1	300	200	183	228	27.70	cps
Molybdenum	97-1	92	50	83	75	29.40	cps
Molybdenum	98-1	183	158	225	189	17.83	cps
Neodymium	150-1	540	453	553	516	10.53	cps
Neodymium	150-2	197	177	193	189	5.67	cps
Nickel	60-2	4314	4477	4357	4383	1.93	cps
Phosphorus	31-2	183	158	75	139	40.84	cps
Potassium	39-2	21082	22100	20531	21238	3.75	cps
Rhodium	103-1	12466421	12349795	12539388	12451868	0.77	cps
Rhodium	103-2	5751687	5760367	5815148	5775734	0.60	cps
Scandium	45-1	8076663	8037740	8144100	8086167	0.67	cps
Scandium	45-2	339575	338174	335163	337638	0.67	cps
Selenium	77-2	10	0	0	3	173.21	cps
Selenium	78-2	61	57	63	60	4.67	cps
Selenium	82-1	40	54	-31	21	219.64	cps
Silicon	28-1	593603	591900	590625	592042	0.25	cps
Silver	109-1	342	233	308	294	18.84	cps
Silver	107-1	367	375	533	425	22.10	cps
Sodium	23-2	559191	565098	559568	561286	0.59	cps
Strontium	86-1	5901	5510	5793	5735	3.53	cps
Strontium	88-1	41545	42698	41712	41985	1.48	cps
Sulfur	34-1	485065	479571	484945	483194	0.65	cps
Terbium	159-1	19699732	19736995	19868633	19768454	0.45	cps
Terbium	159-2	9068601	9067005	9000057	9045221	0.43	cps
Thallium	203-1	450	458	308	406	20.79	cps
Thallium	205-1	1250	1233	1017	1167	11.16	cps
Thorium	232-1	356	278	289	307	13.68	cps
Tin	118-1	1008	967	1250	1075	14.23	cps
Titanium	47-1	150	117	208	158	29.30	cps
Uranium	238-1	92	83	100	92	9.09	cps
Vanadium	51-2	20	13	23	19	26.96	cps
Yttrium	89-1	13414779	13409777	13360104	13394887	0.23	cps
Yttrium	89-2	1728159	1724817	1723769	1725582	0.13	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-12LDLX500	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	500
Date & Time Acquired ::	2019-01-18 17:29:28	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1677	1510	1520	1569	5.96	cps
Zirconium	90-1	883	900	858	881	2.38	cps
Zirconium	91-1	192	133	150	158	18.98	cps

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : K1079-13DLX100 Instrumnet Name : P7
 Client Sample ID : EPA-MW-39-OB-010720 Dilution Factor : 100
 Date & Time Acquired :: 2019-01-18 17:33:05 DataFile Name : 049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26900	27484	27276	27220	1.09	cps
Antimony	121-1	104723	102767	104328	103939	1.00	cps
Arsenic	75-2	3323	3178	3360	3287	2.92	cps
Barium	135-1	148488	146347	148707	147847	0.88	cps
Barium	137-1	257616	257871	262305	259264	1.02	cps
Beryllium	9-1	27161	27889	27205	27418	1.49	cps
Bismuth	209-1	13640217	13616331	13605797	13620782	0.13	cps
Bismuth	209-2	7140732	7161461	7137780	7146658	0.18	cps
Boron	10-1	45260	46598	46121	45993	1.47	cps
Boron	11-1	216901	220763	225408	221024	1.93	cps
Cadmium	111-1	60367	59690	60006	60021	0.56	cps
Cadmium	106-1	12047	12439	11956	12147	2.12	cps
Cadmium	108-1	4013	3909	4042	3988	1.76	cps
Calcium	43-1	97882	97327	99366	98192	1.07	cps
Calcium	44-1	1614386	1601476	1606319	1607394	0.41	cps
Chromium	52-2	2774650	2771982	2786111	2777581	0.27	cps
Cobalt	59-2	58091	59042	57823	58319	1.10	cps
Copper	63-2	187282	187565	187686	187511	0.11	cps
Dysprosium	156-1	2609	2817	2467	2631	6.69	cps
Dysprosium	156-2	1313	1347	1263	1308	3.21	cps
Erbium	164-1	2692	2634	3000	2775	7.10	cps
Erbium	164-2	1367	1287	1200	1285	6.49	cps
Gadolinium	160-1	2767	3084	3209	3020	7.54	cps
Gadolinium	160-2	1783	1620	1733	1712	4.89	cps
Holmium	165-1	19701405	19697657	19675929	19691664	0.07	cps
Holmium	165-2	9420406	9475200	9506442	9467349	0.46	cps
Indium	115-1	13989844	13987828	14050388	14009353	0.25	cps
Indium	115-2	2452440	2477286	2490862	2473529	0.79	cps
Iron	56-2	1464564	1452181	1463846	1460197	0.48	cps
Iron	57-2	36991	36557	37153	36901	0.84	cps
Krypton	83-1	583	537	537	552	4.88	cps
Lead	206-1	115370	114309	116910	115530	1.13	cps
Lead	207-1	100210	99012	99953	99725	0.63	cps
Lead	208-1	453970	453520	454777	454089	0.14	cps
Lithium	6-1	3956402	3967391	3964940	3962911	0.15	cps
Magnesium	24-2	379951	375692	382371	379338	0.89	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-13DLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	100
Date & Time Acquired ::	2019-01-18 17:33:05	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	345879	343811	345998	345229	0.36	cps
Molybdenum	94-1	222143	221985	221248	221792	0.22	cps
Molybdenum	95-1	275339	270479	272725	272848	0.89	cps
Molybdenum	96-1	301976	305638	298949	302188	1.11	cps
Molybdenum	97-1	168653	167827	167701	168060	0.31	cps
Molybdenum	98-1	439887	430802	435575	435421	1.04	cps
Neodymium	150-1	2454	2280	2540	2425	5.46	cps
Neodymium	150-2	953	853	833	880	7.31	cps
Nickel	60-2	36750	37692	37752	37398	1.50	cps
Phosphorus	31-2	108	100	117	108	7.69	cps
Potassium	39-2	145894	146584	146879	146452	0.35	cps
Rhodium	103-1	12461608	12480422	12580265	12507432	0.51	cps
Rhodium	103-2	5797375	5842690	5860687	5833584	0.56	cps
Scandium	45-1	8183638	8099504	8178492	8153878	0.58	cps
Scandium	45-2	341977	338835	341800	340871	0.52	cps
Selenium	77-2	100	90	97	96	5.33	cps
Selenium	78-2	441	457	407	435	5.85	cps
Selenium	82-1	2486	2745	2624	2618	4.95	cps
Silicon	28-1	2050232	2029593	2026714	2035513	0.63	cps
Silver	109-1	156195	156759	156162	156372	0.21	cps
Silver	107-1	161824	161309	161241	161458	0.20	cps
Sodium	23-2	3246523	3256839	3266962	3256775	0.31	cps
Strontium	86-1	61223	61867	62344	61812	0.91	cps
Strontium	88-1	529582	531658	532975	531405	0.32	cps
Sulfur	34-1	607157	600987	602252	603465	0.54	cps
Terbium	159-1	19781243	19881408	19897459	19853370	0.32	cps
Terbium	159-2	9118432	9124890	9134288	9125870	0.09	cps
Thallium	203-1	140418	141008	140865	140763	0.22	cps
Thallium	205-1	337959	333670	334700	335443	0.67	cps
Thorium	232-1	261	311	261	278	10.39	cps
Tin	118-1	101910	99954	99937	100600	1.13	cps
Titanium	47-1	74782	76768	74924	75491	1.47	cps
Uranium	238-1	464725	465673	468364	466254	0.40	cps
Vanadium	51-2	24521	24243	24694	24486	0.93	cps
Yttrium	89-1	13437774	13449119	13499227	13462040	0.24	cps
Yttrium	89-2	1743257	1759935	1761798	1754997	0.58	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-13DLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	100
Date & Time Acquired ::	2019-01-18 17:33:05	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	19910	19700	19663	19758	0.67	cps
Zirconium	90-1	188188	184548	188643	187126	1.20	cps
Zirconium	91-1	42314	39789	41578	41227	3.15	cps

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : K1079-14DLX100 Instrumnet Name : P7
 Client Sample ID : EPA-MW-39-OB-010720 Dilution Factor : 100
 Date & Time Acquired :: 2019-01-18 17:36:42 DataFile Name : 050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26625	26942	27025	26864	0.79	cps
Antimony	121-1	105478	104656	105302	105145	0.41	cps
Arsenic	75-2	3384	3284	3456	3374	2.56	cps
Barium	135-1	149664	149614	147028	148769	1.01	cps
Barium	137-1	263377	260324	262141	261948	0.59	cps
Beryllium	9-1	27425	27281	27562	27423	0.51	cps
Bismuth	209-1	13569870	13646600	13664295	13626922	0.37	cps
Bismuth	209-2	7090345	6983323	7150461	7074709	1.20	cps
Boron	10-1	46564	47442	46138	46715	1.42	cps
Boron	11-1	213317	215742	219757	216272	1.50	cps
Cadmium	111-1	62634	61550	60688	61624	1.58	cps
Cadmium	106-1	12589	12748	11889	12409	3.68	cps
Cadmium	108-1	4030	4159	4059	4083	1.66	cps
Calcium	43-1	100138	97629	99962	99243	1.41	cps
Calcium	44-1	1648454	1640585	1624652	1637897	0.74	cps
Chromium	52-2	2785471	2782245	2790390	2786035	0.15	cps
Cobalt	59-2	57519	56873	57375	57256	0.59	cps
Copper	63-2	188729	187727	187752	188070	0.30	cps
Dysprosium	156-1	2534	2775	2634	2648	4.59	cps
Dysprosium	156-2	1213	1353	1353	1307	6.19	cps
Erbium	164-1	3034	2625	2667	2775	8.10	cps
Erbium	164-2	1187	1307	1243	1246	4.82	cps
Gadolinium	160-1	3067	2717	2784	2856	6.51	cps
Gadolinium	160-2	1670	1663	1783	1706	3.95	cps
Holmium	165-1	19764818	20048929	19822198	19878649	0.76	cps
Holmium	165-2	9464945	9382469	9505212	9450875	0.66	cps
Indium	115-1	13946029	14161620	14048217	14051955	0.77	cps
Indium	115-2	2470291	2445312	2478304	2464636	0.70	cps
Iron	56-2	1448455	1437325	1449542	1445107	0.47	cps
Iron	57-2	37248	36218	35911	36459	1.92	cps
Krypton	83-1	603	540	537	560	6.71	cps
Lead	206-1	118647	117135	115223	117002	1.47	cps
Lead	207-1	101788	102170	100060	101339	1.11	cps
Lead	208-1	461435	462330	455226	459664	0.84	cps
Lithium	6-1	3925521	3930533	3916069	3924041	0.19	cps
Magnesium	24-2	372769	369022	369711	370501	0.54	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-14DLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	100
Date & Time Acquired ::	2019-01-18 17:36:42	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	345239	342926	348910	345692	0.87	cps
Molybdenum	94-1	224649	221535	220889	222358	0.90	cps
Molybdenum	95-1	275023	268598	270436	271352	1.22	cps
Molybdenum	96-1	301457	297399	302650	300502	0.92	cps
Molybdenum	97-1	169783	167786	169691	169086	0.67	cps
Molybdenum	98-1	435720	437452	434919	436030	0.30	cps
Neodymium	150-1	2374	2520	2560	2485	3.96	cps
Neodymium	150-2	920	903	937	920	1.81	cps
Nickel	60-2	37461	37207	38130	37599	1.27	cps
Phosphorus	31-2	117	58	108	94	33.40	cps
Potassium	39-2	147199	145347	144463	145670	0.96	cps
Rhodium	103-1	12385710	12504605	12528901	12473072	0.61	cps
Rhodium	103-2	5825908	5787551	5847222	5820227	0.52	cps
Scandium	45-1	8161070	8235926	8174791	8190596	0.49	cps
Scandium	45-2	340485	334053	343174	339237	1.38	cps
Selenium	77-2	110	100	160	123	26.06	cps
Selenium	78-2	435	428	381	415	7.02	cps
Selenium	82-1	2543	2717	2776	2679	4.53	cps
Silicon	28-1	2053082	2061001	2035660	2049915	0.63	cps
Silver	109-1	158943	155059	155211	156404	1.41	cps
Silver	107-1	166624	163660	161882	164055	1.46	cps
Sodium	23-2	3265513	3219443	3291517	3258825	1.12	cps
Strontium	86-1	62746	59834	63181	61920	2.94	cps
Strontium	88-1	543204	538932	536014	539383	0.67	cps
Sulfur	34-1	605659	600017	595316	600331	0.86	cps
Terbium	159-1	19793778	20008646	19719004	19840476	0.76	cps
Terbium	159-2	9128222	9055906	9106087	9096738	0.41	cps
Thallium	203-1	142800	143427	143651	143293	0.31	cps
Thallium	205-1	344366	339334	340224	341308	0.79	cps
Thorium	232-1	189	228	239	219	12.01	cps
Tin	118-1	102531	99736	100533	100933	1.43	cps
Titanium	47-1	75869	76390	75016	75758	0.92	cps
Uranium	238-1	466171	461333	462096	463200	0.56	cps
Vanadium	51-2	25275	24657	25285	25073	1.43	cps
Yttrium	89-1	13488213	13621132	13537049	13548798	0.50	cps
Yttrium	89-2	1753757	1743059	1750516	1749111	0.31	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-14DLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	100
Date & Time Acquired ::	2019-01-18 17:36:42	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	19830	19854	19650	19778	0.56	cps
Zirconium	90-1	188913	188873	188052	188613	0.26	cps
Zirconium	91-1	42247	40667	41954	41622	2.02	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-12ADLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	100
Date & Time Acquired ::	2019-01-18 17:40:19	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27259	26925	27410	27198	0.91	cps
Antimony	121-1	103463	106023	102917	104135	1.59	cps
Arsenic	75-2	3450	3363	3306	3373	2.16	cps
Barium	135-1	147996	150396	147930	148774	0.94	cps
Barium	137-1	264544	259203	258134	260627	1.32	cps
Beryllium	9-1	27662	27358	27194	27405	0.87	cps
Bismuth	209-1	13471826	13431456	13586050	13496444	0.59	cps
Bismuth	209-2	7104142	7080097	7079986	7088075	0.20	cps
Boron	10-1	46130	44600	45871	45533	1.80	cps
Boron	11-1	209152	211528	211222	210634	0.61	cps
Cadmium	111-1	60255	59969	59759	59995	0.41	cps
Cadmium	106-1	12239	12247	11263	11917	4.75	cps
Cadmium	108-1	4263	4017	3942	4074	4.12	cps
Calcium	43-1	98964	99795	99072	99277	0.46	cps
Calcium	44-1	1615820	1615362	1590799	1607327	0.89	cps
Chromium	52-2	2777742	2808049	2806554	2797449	0.61	cps
Cobalt	59-2	58061	58740	57070	57957	1.45	cps
Copper	63-2	185250	190168	187424	187614	1.31	cps
Dysprosium	156-1	2909	2650	2750	2770	4.70	cps
Dysprosium	156-2	1337	1197	1187	1240	6.76	cps
Erbium	164-1	2725	2759	2784	2756	1.06	cps
Erbium	164-2	1347	1283	1373	1335	3.46	cps
Gadolinium	160-1	3050	2850	2875	2925	3.73	cps
Gadolinium	160-2	1757	1710	1737	1735	1.35	cps
Holmium	165-1	19526744	19562208	19641068	19576673	0.30	cps
Holmium	165-2	9464415	9528902	9504082	9499133	0.34	cps
Indium	115-1	14027330	13955011	13940517	13974286	0.33	cps
Indium	115-2	2461778	2486715	2479799	2476097	0.52	cps
Iron	56-2	1475490	1480445	1468698	1474878	0.40	cps
Iron	57-2	37153	36111	36947	36737	1.50	cps
Krypton	83-1	630	610	570	603	5.06	cps
Lead	206-1	117991	116529	117431	117317	0.63	cps
Lead	207-1	103070	99730	99727	100843	1.91	cps
Lead	208-1	465133	457809	459542	460828	0.83	cps
Lithium	6-1	3878401	3889328	3888344	3885358	0.16	cps
Magnesium	24-2	376226	381602	378845	378891	0.71	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-12ADLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	100
Date & Time Acquired ::	2019-01-18 17:40:19	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	347539	348216	345044	346933	0.48	cps
Molybdenum	94-1	225603	223836	222709	224050	0.65	cps
Molybdenum	95-1	269788	270289	272494	270857	0.53	cps
Molybdenum	96-1	305521	301787	303056	303454	0.63	cps
Molybdenum	97-1	171621	166200	168933	168918	1.60	cps
Molybdenum	98-1	442823	443028	435095	440316	1.03	cps
Neodymium	150-1	2587	2647	2807	2680	4.24	cps
Neodymium	150-2	970	997	1027	998	2.84	cps
Nickel	60-2	37986	37100	37401	37496	1.20	cps
Phosphorus	31-2	100	83	108	97	13.09	cps
Potassium	39-2	145103	146324	145466	145631	0.43	cps
Rhodium	103-1	12415629	12406392	12419877	12413966	0.06	cps
Rhodium	103-2	5784756	5834794	5820876	5813475	0.44	cps
Scandium	45-1	8100789	8046391	8068873	8072017	0.34	cps
Scandium	45-2	337097	337067	339074	337746	0.34	cps
Selenium	77-2	110	100	123	111	10.54	cps
Selenium	78-2	387	389	413	396	3.65	cps
Selenium	82-1	2610	2536	2572	2573	1.44	cps
Silicon	28-1	2033842	2024421	2027000	2028421	0.24	cps
Silver	109-1	158159	158209	157408	157925	0.28	cps
Silver	107-1	165852	163257	164235	164448	0.80	cps
Sodium	23-2	3277948	3310118	3270961	3286342	0.64	cps
Strontium	86-1	63525	62788	62713	63009	0.71	cps
Strontium	88-1	534479	536585	533855	534973	0.27	cps
Sulfur	34-1	593869	585986	580458	586771	1.15	cps
Terbium	159-1	19640051	19767793	19849156	19752333	0.53	cps
Terbium	159-2	9085460	9126691	9054394	9088848	0.40	cps
Thallium	203-1	144345	142650	139779	142258	1.62	cps
Thallium	205-1	339548	335669	338994	338070	0.62	cps
Thorium	232-1	244	261	250	252	3.37	cps
Tin	118-1	102170	100835	99627	100877	1.26	cps
Titanium	47-1	75066	76406	75744	75739	0.88	cps
Uranium	238-1	461235	455243	458085	458188	0.65	cps
Vanadium	51-2	24925	25285	25466	25225	1.09	cps
Yttrium	89-1	13371553	13404689	13555354	13443865	0.73	cps
Yttrium	89-2	1751079	1761756	1757691	1756842	0.31	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-12ADLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-39-OB-010720	Dilution Factor :	100
Date & Time Acquired ::	2019-01-18 17:40:19	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	19977	19827	20208	20004	0.96	cps
Zirconium	90-1	189351	188947	185907	188068	1.00	cps
Zirconium	91-1	43082	41720	40567	41790	3.01	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-16DLX20	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-40-OB-010720	Dilution Factor :	20
Date & Time Acquired ::	2019-01-18 17:43:55	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	133	200	158	22.94	cps
Antimony	121-1	542	525	633	567	10.30	cps
Arsenic	75-2	46	67	52	55	19.17	cps
Barium	135-1	26610	28004	27102	27239	2.60	cps
Barium	137-1	46487	48327	47691	47502	1.97	cps
Beryllium	9-1	123	170	150	148	15.84	cps
Bismuth	209-1	13070899	13091478	13066530	13076302	0.10	cps
Bismuth	209-2	6747757	6729816	6786546	6754706	0.43	cps
Boron	10-1	204295	210139	206944	207126	1.41	cps
Boron	11-1	963141	980350	980393	974628	1.02	cps
Cadmium	111-1	4647	4500	4815	4654	3.39	cps
Cadmium	106-1	6577	6393	6785	6585	2.98	cps
Cadmium	108-1	33	25	50	36	35.25	cps
Calcium	43-1	223843	223284	222761	223296	0.24	cps
Calcium	44-1	3646453	3637505	3578759	3620905	1.02	cps
Chromium	52-2	30933	30779	30769	30827	0.30	cps
Cobalt	59-2	1773	1913	1974	1887	5.44	cps
Copper	63-2	6982	6825	7025	6944	1.52	cps
Dysprosium	156-1	42	25	0	22	94.38	cps
Dysprosium	156-2	7	17	13	12	41.65	cps
Erbium	164-1	58	50	42	50	16.67	cps
Erbium	164-2	47	40	47	44	8.66	cps
Gadolinium	160-1	175	183	167	175	4.76	cps
Gadolinium	160-2	220	217	287	241	16.38	cps
Holmium	165-1	19483381	19678316	19326037	19495911	0.91	cps
Holmium	165-2	9335893	9325392	9289603	9316963	0.26	cps
Indium	115-1	13656386	13687028	13533019	13625478	0.60	cps
Indium	115-2	2377282	2376937	2388964	2381061	0.29	cps
Iron	56-2	3896694	3921620	3921082	3913132	0.36	cps
Iron	57-2	97836	96359	98003	97399	0.93	cps
Krypton	83-1	537	547	523	536	2.19	cps
Lead	206-1	1500	1333	1411	1415	5.89	cps
Lead	207-1	1211	1145	1250	1202	4.44	cps
Lead	208-1	5451	5284	5617	5451	3.06	cps
Lithium	6-1	3817061	3841669	3849759	3836163	0.44	cps
Magnesium	24-2	1394710	1376449	1377466	1382875	0.74	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-16DLX20	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-40-OB-010720	Dilution Factor :	20
Date & Time Acquired ::	2019-01-18 17:43:55	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1580838	1588802	1592490	1587377	0.38	cps
Molybdenum	94-1	1242	1358	1142	1247	8.70	cps
Molybdenum	95-1	1575	1467	1450	1497	4.53	cps
Molybdenum	96-1	1900	1759	1950	1870	5.32	cps
Molybdenum	97-1	1058	817	867	914	13.96	cps
Molybdenum	98-1	2342	2334	2575	2417	5.68	cps
Neodymium	150-1	40	27	7	24	68.62	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	1697	1507	1657	1620	6.18	cps
Phosphorus	31-2	775	642	567	661	15.96	cps
Potassium	39-2	196104	194779	198055	196313	0.84	cps
Rhodium	103-1	11959820	11997169	11874889	11943959	0.52	cps
Rhodium	103-2	5556593	5537690	5549795	5548026	0.17	cps
Scandium	45-1	7990517	7966762	7923420	7960233	0.43	cps
Scandium	45-2	331087	329167	331644	330633	0.39	cps
Selenium	77-2	10	10	0	7	86.60	cps
Selenium	78-2	61	59	54	58	6.65	cps
Selenium	82-1	326	267	240	278	15.96	cps
Silicon	28-1	13698537	13701593	13610173	13670101	0.38	cps
Silver	109-1	492	617	533	547	11.63	cps
Silver	107-1	608	692	650	650	6.41	cps
Sodium	23-2	42652604	42076038	42328054	42352232	0.68	cps
Strontium	86-1	293910	291623	289860	291798	0.70	cps
Strontium	88-1	2538054	2526319	2519569	2527981	0.37	cps
Sulfur	34-1	515059	514644	505727	511810	1.03	cps
Terbium	159-1	19541563	19626369	19697628	19621853	0.40	cps
Terbium	159-2	9041627	8960419	8931286	8977777	0.64	cps
Thallium	203-1	758	642	708	703	8.33	cps
Thallium	205-1	1625	1584	1509	1572	3.76	cps
Thorium	232-1	244	217	272	244	11.36	cps
Tin	118-1	1292	1200	1325	1272	5.09	cps
Titanium	47-1	733	633	767	711	9.76	cps
Uranium	238-1	2650	2209	2342	2400	9.44	cps
Vanadium	51-2	357	410	363	377	7.71	cps
Yttrium	89-1	13182561	13251560	13193323	13209148	0.28	cps
Yttrium	89-2	1693749	1698659	1703096	1698501	0.28	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-16DLX20	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-40-OB-010720	Dilution Factor :	20
Date & Time Acquired ::	2019-01-18 17:43:55	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	880	753	823	819	7.75	cps
Zirconium	90-1	1392	1425	1408	1408	1.18	cps
Zirconium	91-1	367	250	275	297	20.67	cps

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : CCV77 Instrumnet Name : P7
 Client Sample ID : CCV77 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 17:47:31 DataFile Name : 053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10157675	10190500	10232473	10193550	0.37	cps
Antimony	121-1	7582816	7635187	7664607	7627537	0.54	cps
Arsenic	75-2	247949	251603	253002	250851	1.04	cps
Barium	135-1	10817451	10894048	10828758	10846752	0.38	cps
Barium	137-1	19042088	19122594	19016785	19060489	0.29	cps
Beryllium	9-1	2047158	2062751	2071088	2060332	0.59	cps
Bismuth	209-1	11300456	11295401	11287799	11294552	0.06	cps
Bismuth	209-2	5754037	5825639	5793946	5791207	0.62	cps
Boron	10-1	454450	467029	475660	465713	2.29	cps
Boron	11-1	2146029	2180344	2214901	2180425	1.58	cps
Cadmium	111-1	2351675	2362516	2359195	2357795	0.24	cps
Cadmium	106-1	275390	278809	274189	276130	0.87	cps
Cadmium	108-1	186375	186740	184968	186028	0.50	cps
Calcium	43-1	13174607	13180311	13319787	13224902	0.62	cps
Calcium	44-1	214998438	215780930	218032097	216270488	0.73	cps
Chromium	52-2	2580057	2614570	2608528	2601052	0.71	cps
Cobalt	59-2	4213208	4284120	4277125	4258151	0.92	cps
Copper	63-2	5604754	5648850	5679797	5644467	0.67	cps
Dysprosium	156-1	383	467	367	406	13.21	cps
Dysprosium	156-2	203	193	230	209	9.07	cps
Erbium	164-1	142	142	117	133	10.83	cps
Erbium	164-2	67	87	60	71	19.52	cps
Gadolinium	160-1	317	275	350	314	11.97	cps
Gadolinium	160-2	233	293	330	286	17.09	cps
Holmium	165-1	18945591	19230284	19176841	19117572	0.79	cps
Holmium	165-2	9184162	9236353	9175378	9198631	0.36	cps
Indium	115-1	12483942	12616270	12585293	12561835	0.55	cps
Indium	115-2	2240914	2286623	2273667	2267068	1.04	cps
Iron	56-2	550676212	559162713	555166212	555001712	0.76	cps
Iron	57-2	13629950	13884691	13699821	13738154	0.96	cps
Krypton	83-1	573	570	623	589	5.07	cps
Lead	206-1	8256716	8293882	8285520	8278706	0.24	cps
Lead	207-1	7391243	7389015	7457555	7412604	0.53	cps
Lead	208-1	33030593	33076081	33154223	33086966	0.19	cps
Lithium	6-1	3795803	3790593	3822089	3802828	0.44	cps
Magnesium	24-2	107220319	109056227	108588023	108288190	0.88	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CCV77	Instrumnet Name :	P7
Client Sample ID :	CCV77	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 17:47:31	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3107496	3140407	3127046	3124983	0.53	cps
Molybdenum	94-1	17327465	17456744	17350342	17378183	0.40	cps
Molybdenum	95-1	21092455	21229312	21442334	21254700	0.83	cps
Molybdenum	96-1	23422258	23711198	23630640	23588032	0.63	cps
Molybdenum	97-1	13121343	13296491	13388046	13268627	1.02	cps
Molybdenum	98-1	34178061	34300663	34577912	34352212	0.60	cps
Neodymium	150-1	1333	1427	1220	1327	7.80	cps
Neodymium	150-2	187	153	193	178	12.05	cps
Nickel	60-2	1077134	1097306	1096811	1090417	1.06	cps
Phosphorus	31-2	100781	103784	101813	102126	1.49	cps
Potassium	39-2	45001442	45526939	45667359	45398580	0.77	cps
Rhodium	103-1	10634044	10791241	10853575	10759620	1.05	cps
Rhodium	103-2	5033287	5099739	5096734	5076587	0.74	cps
Scandium	45-1	7879062	7987463	8033831	7966786	1.00	cps
Scandium	45-2	345080	348979	349844	347967	0.73	cps
Selenium	77-2	7205	7275	7569	7350	2.62	cps
Selenium	78-2	24665	25035	24673	24791	0.85	cps
Selenium	82-1	179649	180642	180216	180169	0.28	cps
Silicon	28-1	5707704	5782401	5875145	5788416	1.45	cps
Silver	109-1	10396152	10509310	10561652	10489038	0.81	cps
Silver	107-1	10751000	10975366	10993892	10906753	1.24	cps
Sodium	23-2	203150063	206015184	205925113	205030120	0.79	cps
Strontium	86-1	2890495	2893258	2905550	2896434	0.28	cps
Strontium	88-1	24652697	25060647	25033941	24915762	0.92	cps
Sulfur	34-1	1444697	1451757	1449919	1448791	0.25	cps
Terbium	159-1	19075428	19201955	19125438	19134274	0.33	cps
Terbium	159-2	8784653	8880519	8891267	8852147	0.66	cps
Thallium	203-1	10249256	10324154	10363195	10312202	0.56	cps
Thallium	205-1	24561086	24824015	24668473	24684525	0.54	cps
Thorium	232-1	36988298	36996033	36932531	36972287	0.09	cps
Tin	118-1	7630326	7618255	7644989	7631190	0.18	cps
Titanium	47-1	6025348	6103015	6139017	6089127	0.95	cps
Uranium	238-1	36484710	36727769	36555573	36589350	0.34	cps
Vanadium	51-2	2059361	2087684	2089336	2078793	0.81	cps
Yttrium	89-1	12854213	12928665	12931705	12904861	0.34	cps
Yttrium	89-2	1712250	1745917	1734718	1730962	0.99	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CCV77	Instrumnet Name :	P7
Client Sample ID :	CCV77	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 17:47:31	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	883205	896426	893642	891091	0.78	cps
Zirconium	90-1	14493798	14619995	14572063	14561952	0.44	cps
Zirconium	91-1	3276006	3280281	3263316	3273201	0.27	cps

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : CCB77 Instrumnet Name : P7
 Client Sample ID : CCB77 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 17:57:18 DataFile Name : 054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	83	50	56	45.83	cps
Antimony	121-1	600	667	592	619	6.64	cps
Arsenic	75-2	6	7	7	7	15.72	cps
Barium	135-1	58	58	50	56	8.67	cps
Barium	137-1	42	75	92	69	36.66	cps
Beryllium	9-1	183	177	130	163	17.79	cps
Bismuth	209-1	13809164	13820735	13888198	13839366	0.31	cps
Bismuth	209-2	7271145	7218082	7172390	7220539	0.68	cps
Boron	10-1	10654	11271	9904	10610	6.46	cps
Boron	11-1	52007	49331	49005	50115	3.29	cps
Cadmium	111-1	4708	4670	4572	4650	1.51	cps
Cadmium	106-1	6619	6552	6402	6524	1.70	cps
Cadmium	108-1	29	17	25	24	26.95	cps
Calcium	43-1	108	133	167	136	21.50	cps
Calcium	44-1	7452	7644	7427	7508	1.58	cps
Chromium	52-2	3524	3254	3397	3392	3.98	cps
Cobalt	59-2	43	50	63	52	19.50	cps
Copper	63-2	3967	4031	3854	3951	2.27	cps
Dysprosium	156-1	8	25	17	17	50.01	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	50	50	75	58	24.74	cps
Erbium	164-2	30	30	20	27	21.65	cps
Gadolinium	160-1	133	200	133	156	24.74	cps
Gadolinium	160-2	260	193	250	234	15.34	cps
Holmium	165-1	20076273	20151019	20282691	20169994	0.52	cps
Holmium	165-2	9764828	9685563	9506873	9652421	1.37	cps
Indium	115-1	14421498	14495596	14542985	14486693	0.42	cps
Indium	115-2	2545232	2493425	2509091	2515916	1.06	cps
Iron	56-2	7858	7663	7552	7691	2.01	cps
Iron	57-2	139	111	133	128	11.50	cps
Krypton	83-1	567	560	530	552	3.54	cps
Lead	206-1	1228	1433	1306	1322	7.85	cps
Lead	207-1	1295	1228	1128	1217	6.89	cps
Lead	208-1	5545	5456	5278	5427	2.50	cps
Lithium	6-1	4195601	4208728	4203917	4202749	0.16	cps
Magnesium	24-2	517	567	508	531	5.95	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CCB77	Instrumnet Name :	P7
Client Sample ID :	CCB77	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 17:57:18	DataFile Name :	054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	67	123	57	82	43.73	cps
Molybdenum	94-1	800	633	550	661	19.26	cps
Molybdenum	95-1	725	408	400	511	36.25	cps
Molybdenum	96-1	792	700	658	717	9.52	cps
Molybdenum	97-1	500	317	258	358	35.19	cps
Molybdenum	98-1	1083	700	667	817	28.35	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	80	93	83	86	8.12	cps
Phosphorus	31-2	133	208	75	139	48.13	cps
Potassium	39-2	19330	19188	19405	19308	0.57	cps
Rhodium	103-1	13016375	13193848	13060702	13090308	0.71	cps
Rhodium	103-2	6150798	6058730	6047572	6085700	0.93	cps
Scandium	45-1	8579661	8646268	8651448	8625792	0.46	cps
Scandium	45-2	357929	353994	348973	353632	1.27	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	83	80	74	79	5.89	cps
Selenium	82-1	-2	36	60	31	100.91	cps
Silicon	28-1	285550	282556	282816	283641	0.58	cps
Silver	109-1	375	392	483	417	14.00	cps
Silver	107-1	467	483	500	483	3.45	cps
Sodium	23-2	37531	37506	36729	37256	1.22	cps
Strontium	86-1	1017	908	983	970	5.72	cps
Strontium	88-1	175	233	175	194	17.32	cps
Sulfur	34-1	460946	465449	459127	461841	0.70	cps
Terbium	159-1	20174008	20296825	20102467	20191100	0.49	cps
Terbium	159-2	9417247	9278236	9256017	9317167	0.94	cps
Thallium	203-1	1050	842	942	945	11.03	cps
Thallium	205-1	2300	2284	2259	2281	0.92	cps
Thorium	232-1	1389	1267	1306	1320	4.73	cps
Tin	118-1	1250	1117	1183	1183	5.63	cps
Titanium	47-1	125	150	142	139	9.16	cps
Uranium	238-1	133	125	317	192	56.52	cps
Vanadium	51-2	40	13	13	22	69.30	cps
Yttrium	89-1	13943405	14071055	14130343	14048268	0.68	cps
Yttrium	89-2	1821321	1805793	1778881	1801998	1.19	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CCB77	Instrumnet Name :	P7
Client Sample ID :	CCB77	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 17:57:18	DataFile Name :	054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	193	143	190	176	15.92	cps
Zirconium	90-1	917	1075	1075	1022	8.94	cps
Zirconium	91-1	258	183	167	203	24.08	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-18DLX20	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-41-EF-01DD20	Dilution Factor :	20
Date & Time Acquired ::	2019-01-18 18:00:54	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	133	167	167	20.00	cps
Antimony	121-1	608	717	733	686	9.89	cps
Arsenic	75-2	56	56	69	60	12.50	cps
Barium	135-1	51179	51973	51296	51482	0.83	cps
Barium	137-1	90846	90838	90562	90749	0.18	cps
Beryllium	9-1	173	153	153	160	7.22	cps
Bismuth	209-1	13320471	13447895	13395457	13387941	0.48	cps
Bismuth	209-2	7058542	7002248	7023501	7028097	0.40	cps
Boron	10-1	507992	523447	519031	516824	1.54	cps
Boron	11-1	2422240	2471494	2463571	2452435	1.08	cps
Cadmium	111-1	4699	4986	4566	4750	4.51	cps
Cadmium	106-1	6485	7002	6285	6591	5.61	cps
Cadmium	108-1	17	17	42	25	57.73	cps
Calcium	43-1	1305509	1305322	1286810	1299214	0.83	cps
Calcium	44-1	21447108	21263214	21291746	21334023	0.46	cps
Chromium	52-2	176486	177254	179167	177635	0.78	cps
Cobalt	59-2	6301	6748	6458	6503	3.49	cps
Copper	63-2	6738	6878	6958	6858	1.62	cps
Dysprosium	156-1	50	58	17	42	52.91	cps
Dysprosium	156-2	17	13	40	23	62.27	cps
Erbium	164-1	158	150	75	128	35.92	cps
Erbium	164-2	50	50	43	48	8.06	cps
Gadolinium	160-1	158	175	158	164	5.87	cps
Gadolinium	160-2	243	267	253	254	4.60	cps
Holmium	165-1	20241505	20165083	20290165	20232251	0.31	cps
Holmium	165-2	9696809	9739179	9804946	9746978	0.56	cps
Indium	115-1	14406794	14322104	14352788	14360562	0.30	cps
Indium	115-2	2463848	2497259	2519514	2493541	1.12	cps
Iron	56-2	2037295	2046019	2095343	2059552	1.52	cps
Iron	57-2	55477	55940	57050	56156	1.44	cps
Krypton	83-1	580	540	557	559	3.59	cps
Lead	206-1	1867	1778	1645	1763	6.35	cps
Lead	207-1	1539	1583	1439	1521	4.87	cps
Lead	208-1	6962	7201	6568	6910	4.63	cps
Lithium	6-1	4228651	4182049	4198274	4202991	0.56	cps
Magnesium	24-2	4184723	4202735	4251980	4213146	0.83	cps

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : K1079-18DLX20 Instrumnet Name : P7
 Client Sample ID : EPA-MW-41-EF-01DD20 Dilution Factor : 20
 Date & Time Acquired :: 2019-01-18 18:00:54 DataFile Name : 055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2808933	2809489	2888171	2835531	1.61	cps
Molybdenum	94-1	1467	1500	1342	1436	5.82	cps
Molybdenum	95-1	767	842	900	836	7.99	cps
Molybdenum	96-1	975	1033	1000	1003	2.92	cps
Molybdenum	97-1	450	475	550	492	10.58	cps
Molybdenum	98-1	1233	1125	1100	1153	6.15	cps
Neodymium	150-1	40	47	47	44	8.66	cps
Neodymium	150-2	7	13	40	20	88.19	cps
Nickel	60-2	3771	3731	3971	3824	3.36	cps
Phosphorus	31-2	217	217	92	175	41.24	cps
Potassium	39-2	169408	168565	168008	168660	0.42	cps
Rhodium	103-1	12822868	12787626	12664209	12758234	0.65	cps
Rhodium	103-2	5924995	5943520	5988126	5952213	0.55	cps
Scandium	45-1	8739370	8737577	8647637	8708194	0.60	cps
Scandium	45-2	354004	357033	357124	356054	0.50	cps
Selenium	77-2	3	7	7	6	34.70	cps
Selenium	78-2	63	52	72	62	16.36	cps
Selenium	82-1	211	182	216	203	9.04	cps
Silicon	28-1	17174349	17147276	16900174	17073933	0.88	cps
Silver	109-1	942	842	833	872	6.91	cps
Silver	107-1	708	942	750	800	15.56	cps
Sodium	23-2	26789968	26833322	26822938	26815410	0.08	cps
Strontium	86-1	885018	885224	878050	882764	0.46	cps
Strontium	88-1	7840828	7800219	7726686	7789244	0.74	cps
Sulfur	34-1	479314	484781	488560	484218	0.96	cps
Terbium	159-1	20300014	20201438	20361180	20287544	0.40	cps
Terbium	159-2	9363308	9268653	9414397	9348786	0.79	cps
Thallium	203-1	1825	1558	1825	1736	8.87	cps
Thallium	205-1	3876	3851	4351	4026	7.00	cps
Thorium	232-1	950	989	867	935	6.68	cps
Tin	118-1	1250	1300	1342	1297	3.54	cps
Titanium	47-1	717	725	642	694	6.61	cps
Uranium	238-1	4659	4809	4526	4665	3.04	cps
Vanadium	51-2	427	430	433	430	0.78	cps
Yttrium	89-1	14207178	14062354	14005551	14091694	0.74	cps
Yttrium	89-2	1785270	1795902	1821087	1800753	1.02	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-18DLX20	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-41-EF-01DD20	Dilution Factor :	20
Date & Time Acquired ::	2019-01-18 18:00:54	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1080	993	990	1021	5.00	cps
Zirconium	90-1	2459	2492	2792	2581	7.11	cps
Zirconium	91-1	458	442	492	464	5.49	cps

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : K1079-20DLX200 Instrumnet Name : P7
 Client Sample ID : EPA-MW-41-OB-010720 Dilution Factor : 200
 Date & Time Acquired :: 2019-01-18 18:04:29 DataFile Name : 056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	400	467	442	436	7.72	cps
Antimony	121-1	267	242	300	269	10.86	cps
Arsenic	75-2	6	7	13	9	44.56	cps
Barium	135-1	250	267	175	231	21.18	cps
Barium	137-1	483	508	458	483	5.17	cps
Beryllium	9-1	133	183	213	177	22.88	cps
Bismuth	209-1	13973306	13959881	13852806	13928664	0.47	cps
Bismuth	209-2	7223688	7191728	7201271	7205563	0.23	cps
Boron	10-1	34866	34799	33755	34474	1.81	cps
Boron	11-1	165093	162185	159028	162102	1.87	cps
Cadmium	111-1	4674	4713	4655	4680	0.63	cps
Cadmium	106-1	6477	6518	6427	6474	0.71	cps
Cadmium	108-1	38	13	33	28	48.22	cps
Calcium	43-1	21082	20089	20473	20548	2.44	cps
Calcium	44-1	341388	340174	338344	339969	0.45	cps
Chromium	52-2	1540567	1540397	1540686	1540550	0.01	cps
Cobalt	59-2	560	493	583	546	8.56	cps
Copper	63-2	36586	36469	36175	36410	0.58	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	7	3	10	7	50.03	cps
Erbium	164-1	58	83	83	75	19.24	cps
Erbium	164-2	37	33	37	36	5.42	cps
Gadolinium	160-1	108	167	125	133	22.54	cps
Gadolinium	160-2	210	180	247	212	15.73	cps
Holmium	165-1	20010409	20180444	20206037	20132297	0.53	cps
Holmium	165-2	9674877	9663292	9652750	9663639	0.11	cps
Indium	115-1	14482840	14534938	14398349	14472042	0.48	cps
Indium	115-2	2498699	2500338	2480790	2493276	0.43	cps
Iron	56-2	8736	9070	9075	8960	2.17	cps
Iron	57-2	217	289	311	272	18.14	cps
Krypton	83-1	563	637	520	573	10.29	cps
Lead	206-1	1250	1345	1245	1280	4.39	cps
Lead	207-1	1106	1033	1106	1082	3.86	cps
Lead	208-1	5067	5084	4895	5015	2.09	cps
Lithium	6-1	4170058	4160840	4159292	4163397	0.14	cps
Magnesium	24-2	64423	63845	63494	63921	0.73	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-20DLX200	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-41-OB-010720	Dilution Factor :	200
Date & Time Acquired ::	2019-01-18 18:04:29	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	54477	55039	54778	54765	0.51	cps
Molybdenum	94-1	583	492	433	503	15.04	cps
Molybdenum	95-1	250	383	375	336	22.22	cps
Molybdenum	96-1	425	525	333	428	22.41	cps
Molybdenum	97-1	158	125	125	136	14.14	cps
Molybdenum	98-1	492	475	467	478	2.67	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	977	867	820	888	9.06	cps
Phosphorus	31-2	100	117	208	142	41.18	cps
Potassium	39-2	25882	24404	25548	25278	3.07	cps
Rhodium	103-1	12956551	12823578	12962404	12914178	0.61	cps
Rhodium	103-2	6056715	6044444	5995975	6032378	0.53	cps
Scandium	45-1	8635523	8545030	8501400	8560651	0.80	cps
Scandium	45-2	351181	349990	349647	350273	0.23	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	57	72	67	65	11.43	cps
Selenium	82-1	40	-56	85	23	314.81	cps
Silicon	28-1	1507442	1513365	1504466	1508424	0.30	cps
Silver	109-1	342	317	292	317	7.89	cps
Silver	107-1	450	492	408	450	9.26	cps
Sodium	23-2	1436829	1443563	1436440	1438944	0.28	cps
Strontium	86-1	13415	13540	13106	13354	1.67	cps
Strontium	88-1	109448	112345	108392	110062	1.86	cps
Sulfur	34-1	496992	497709	489858	494853	0.88	cps
Terbium	159-1	20199543	20265443	20150929	20205305	0.28	cps
Terbium	159-2	9305428	9248215	9273803	9275815	0.31	cps
Thallium	203-1	633	642	683	653	4.10	cps
Thallium	205-1	1467	1642	1508	1539	5.94	cps
Thorium	232-1	845	717	761	774	8.38	cps
Tin	118-1	1400	1559	1675	1545	8.94	cps
Titanium	47-1	150	200	308	219	36.88	cps
Uranium	238-1	383	358	375	372	3.42	cps
Vanadium	51-2	40	50	57	49	17.16	cps
Yttrium	89-1	13962085	13962064	13939866	13954672	0.09	cps
Yttrium	89-2	1780271	1779964	1773313	1777849	0.22	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	K1079-20DLX200	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-41-OB-010720	Dilution Factor :	200
Date & Time Acquired ::	2019-01-18 18:04:29	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	737	763	807	769	4.59	cps
Zirconium	90-1	1117	1017	1158	1097	6.64	cps
Zirconium	91-1	158	167	200	175	12.60	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CCV78	Instrumnet Name :	P7
Client Sample ID :	CCV78	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 18:08:59	DataFile Name :	057CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10662851	10612029	10767085	10680655	0.74	cps
Antimony	121-1	7815973	7802002	7863993	7827323	0.42	cps
Arsenic	75-2	259563	262534	263669	261922	0.81	cps
Barium	135-1	11136034	11126078	11198859	11153657	0.35	cps
Barium	137-1	19483367	19579859	19586657	19549961	0.30	cps
Beryllium	9-1	2147847	2161694	2161101	2156881	0.36	cps
Bismuth	209-1	11333192	11449190	11470457	11417613	0.65	cps
Bismuth	209-2	5817080	5811067	5901931	5843359	0.87	cps
Boron	10-1	482827	486129	494651	487869	1.25	cps
Boron	11-1	2239683	2253196	2306731	2266537	1.56	cps
Cadmium	111-1	2427825	2418227	2408838	2418297	0.39	cps
Cadmium	106-1	283541	285735	283992	284423	0.41	cps
Cadmium	108-1	191951	189443	190967	190787	0.66	cps
Calcium	43-1	13707529	13835225	13896499	13813085	0.70	cps
Calcium	44-1	223591063	226761605	224609555	224987408	0.72	cps
Chromium	52-2	2698675	2703944	2724641	2709086	0.51	cps
Cobalt	59-2	4385955	4418484	4472320	4425586	0.99	cps
Copper	63-2	5893589	5898763	5949531	5913961	0.52	cps
Dysprosium	156-1	342	358	367	356	3.58	cps
Dysprosium	156-2	197	240	213	217	10.09	cps
Erbium	164-1	192	142	133	156	20.28	cps
Erbium	164-2	80	50	57	62	25.32	cps
Gadolinium	160-1	317	383	267	322	18.17	cps
Gadolinium	160-2	263	263	313	280	10.31	cps
Holmium	165-1	19289369	19497766	19650329	19479155	0.93	cps
Holmium	165-2	9453420	9332600	9464508	9416843	0.78	cps
Indium	115-1	12865040	12970242	12985646	12940309	0.51	cps
Indium	115-2	2340905	2352890	2368388	2354061	0.59	cps
Iron	56-2	576508991	577486235	584746413	579580546	0.78	cps
Iron	57-2	14253696	14390778	14436958	14360478	0.66	cps
Krypton	83-1	553	647	600	600	7.78	cps
Lead	206-1	8369665	8376389	8446699	8397584	0.51	cps
Lead	207-1	7478551	7491665	7496611	7488942	0.12	cps
Lead	208-1	33359172	33570786	33456646	33462201	0.32	cps
Lithium	6-1	3918193	3938612	3958984	3938596	0.52	cps
Magnesium	24-2	112019873	112226448	113485494	112577272	0.70	cps

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : CCV78 Instrumnet Name : P7
 Client Sample ID : CCV78 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 18:08:59 DataFile Name : 057CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3257784	3246265	3295201	3266417	0.78	cps
Molybdenum	94-1	17917922	18098479	18220757	18079053	0.84	cps
Molybdenum	95-1	21908966	22102261	22272867	22094698	0.82	cps
Molybdenum	96-1	24161097	24437846	24617052	24405332	0.94	cps
Molybdenum	97-1	13649762	13719987	13813616	13727788	0.60	cps
Molybdenum	98-1	35394772	35512649	35557712	35488378	0.24	cps
Neodymium	150-1	1407	1300	1487	1398	6.70	cps
Neodymium	150-2	167	167	163	166	1.16	cps
Nickel	60-2	1127362	1132908	1152545	1137605	1.16	cps
Phosphorus	31-2	108140	106982	108602	107908	0.77	cps
Potassium	39-2	47724811	47545917	48304369	47858366	0.83	cps
Rhodium	103-1	11057867	11061080	11218241	11112396	0.83	cps
Rhodium	103-2	5215137	5226457	5281258	5240950	0.67	cps
Scandium	45-1	8259092	8340832	8389958	8329961	0.79	cps
Scandium	45-2	360058	363084	368654	363932	1.20	cps
Selenium	77-2	7692	7872	7902	7822	1.45	cps
Selenium	78-2	25949	25838	26133	25973	0.57	cps
Selenium	82-1	185598	186712	188750	187020	0.85	cps
Silicon	28-1	6008058	6100161	6174078	6094099	1.36	cps
Silver	109-1	10801331	10864784	10813483	10826532	0.31	cps
Silver	107-1	11216938	11222312	11346358	11261869	0.65	cps
Sodium	23-2	215127271	212222230	216212122	214520541	0.96	cps
Strontium	86-1	2980136	2977138	3001161	2986145	0.44	cps
Strontium	88-1	25557879	25545745	25922062	25675229	0.83	cps
Sulfur	34-1	1533218	1542477	1554186	1543294	0.68	cps
Terbium	159-1	19345492	19374422	19500498	19406804	0.42	cps
Terbium	159-2	9080210	9003965	9115736	9066637	0.63	cps
Thallium	203-1	10413813	10403562	10494740	10437372	0.48	cps
Thallium	205-1	24822175	24943737	25112143	24959351	0.58	cps
Thorium	232-1	37144034	37088161	37454959	37229052	0.53	cps
Tin	118-1	7813204	7773969	7842089	7809754	0.44	cps
Titanium	47-1	6314506	6349188	6401969	6355221	0.69	cps
Uranium	238-1	36978173	37051179	37427122	37152158	0.65	cps
Vanadium	51-2	2142433	2164525	2175673	2160877	0.78	cps
Yttrium	89-1	13234464	13368956	13425461	13342960	0.74	cps
Yttrium	89-2	1790177	1795388	1809569	1798378	0.56	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CCV78	Instrumnet Name :	P7
Client Sample ID :	CCV78	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 18:08:59	DataFile Name :	057CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	875344	889503	896320	887055	1.21	cps
Zirconium	90-1	14974152	15064250	15204753	15081052	0.77	cps
Zirconium	91-1	3371956	3374337	3396998	3381097	0.41	cps

LB Number : LB100403 Operator : Jaswal
 Lab Sample ID : CCB78 Instrumnet Name : P7
 Client Sample ID : CCB78 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-18 18:16:31 DataFile Name : 058CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	150	133	122	28.39	cps
Antimony	121-1	1042	892	1117	1017	11.27	cps
Arsenic	75-2	11	9	6	9	32.69	cps
Barium	135-1	150	142	108	133	16.54	cps
Barium	137-1	133	183	233	183	27.27	cps
Beryllium	9-1	197	193	200	197	1.69	cps
Bismuth	209-1	13808978	13744701	13716744	13756808	0.34	cps
Bismuth	209-2	7311916	7262183	7285190	7286429	0.34	cps
Boron	10-1	10312	10654	10271	10412	2.02	cps
Boron	11-1	49540	48203	47041	48261	2.59	cps
Cadmium	111-1	4673	4512	4744	4643	2.55	cps
Cadmium	106-1	6468	6318	6669	6485	2.71	cps
Cadmium	108-1	13	21	17	17	24.99	cps
Calcium	43-1	208	233	300	247	19.17	cps
Calcium	44-1	8861	9020	8778	8886	1.38	cps
Chromium	52-2	3187	3120	3110	3139	1.33	cps
Cobalt	59-2	77	107	80	88	18.73	cps
Copper	63-2	3741	3787	4054	3861	4.38	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	10	10	7	9	21.63	cps
Erbium	164-1	58	58	75	64	15.05	cps
Erbium	164-2	30	40	17	29	40.51	cps
Gadolinium	160-1	192	167	108	156	27.49	cps
Gadolinium	160-2	210	257	263	243	11.94	cps
Holmium	165-1	20131322	20374787	20291757	20265955	0.61	cps
Holmium	165-2	9782471	9833544	9794371	9803462	0.27	cps
Indium	115-1	14691085	14737947	14771370	14733467	0.27	cps
Indium	115-2	2545952	2580523	2561904	2562793	0.68	cps
Iron	56-2	12350	12495	12139	12328	1.45	cps
Iron	57-2	194	306	289	263	22.79	cps
Krypton	83-1	610	673	547	610	10.38	cps
Lead	206-1	1433	1506	1356	1432	5.24	cps
Lead	207-1	1211	1328	1339	1293	5.48	cps
Lead	208-1	5562	5651	5762	5658	1.77	cps
Lithium	6-1	4234741	4253105	4250775	4246207	0.24	cps
Magnesium	24-2	1275	1300	1283	1286	0.99	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CCB78	Instrumnet Name :	P7
Client Sample ID :	CCB78	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 18:16:31	DataFile Name :	058CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	100	127	100	109	14.14	cps
Molybdenum	94-1	1100	975	767	947	17.78	cps
Molybdenum	95-1	1000	892	692	861	18.17	cps
Molybdenum	96-1	1225	1033	883	1047	16.35	cps
Molybdenum	97-1	767	542	558	622	20.15	cps
Molybdenum	98-1	1467	1542	1192	1400	13.16	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	147	113	113	124	15.46	cps
Phosphorus	31-2	142	158	175	158	10.52	cps
Potassium	39-2	20790	21550	20874	21071	1.98	cps
Rhodium	103-1	13240069	13340973	13363794	13314945	0.49	cps
Rhodium	103-2	6261837	6266488	6253112	6260479	0.11	cps
Scandium	45-1	8865834	8931936	8924170	8907313	0.41	cps
Scandium	45-2	364856	366436	365068	365453	0.23	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	54	54	52	53	2.01	cps
Selenium	82-1	-8	-84	101	3	2953.53	cps
Silicon	28-1	297061	294572	301863	297832	1.24	cps
Silver	109-1	433	408	442	428	4.05	cps
Silver	107-1	442	500	533	492	9.44	cps
Sodium	23-2	40731	40247	41099	40692	1.05	cps
Strontium	86-1	1050	975	975	1000	4.33	cps
Strontium	88-1	417	325	408	383	13.22	cps
Sulfur	34-1	476309	471406	472797	473504	0.53	cps
Terbium	159-1	20246188	20440655	20367998	20351614	0.48	cps
Terbium	159-2	9492383	9518594	9446251	9485743	0.39	cps
Thallium	203-1	1267	1308	1342	1306	2.88	cps
Thallium	205-1	3076	2984	2934	2998	2.40	cps
Thorium	232-1	5001	4301	3640	4314	15.78	cps
Tin	118-1	1583	1408	1467	1486	6.00	cps
Titanium	47-1	233	183	192	203	13.21	cps
Uranium	238-1	433	442	433	436	1.10	cps
Vanadium	51-2	40	50	50	47	12.37	cps
Yttrium	89-1	14420186	14408084	14364255	14397508	0.20	cps
Yttrium	89-2	1823901	1859002	1848925	1843943	0.98	cps

LB Number :	LB100403	Operator :	Jaswal
Lab Sample ID :	CCB78	Instrumnet Name :	P7
Client Sample ID :	CCB78	Dilution Factor :	1
Date & Time Acquired ::	2019-01-18 18:16:31	DataFile Name :	058CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	197	187	177	187	5.36	cps
Zirconium	90-1	1400	1383	1283	1356	4.66	cps
Zirconium	91-1	283	300	142	242	36.00	cps