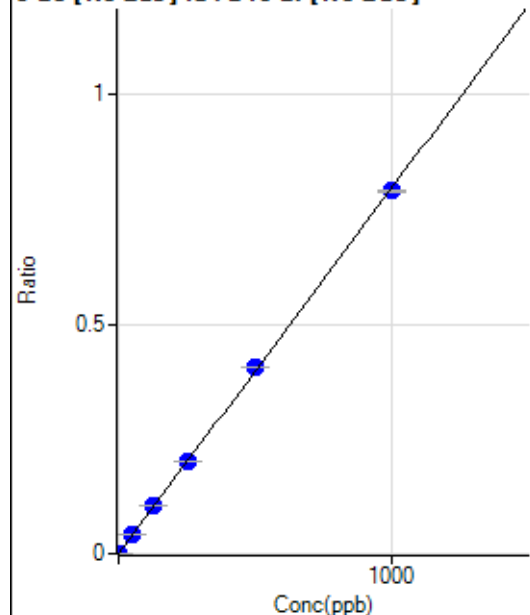


Calibration for 003CALB.d

Batch Folder: D:\ICP-MS Data\P7071919-MS.b\
 Analysis File: P7071919-MS.batch.bin
 DA Date-Time: 2019-07-20 02:13:46
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-07-19 12:54:31
2			
3	005CALS.d	S02	2019-07-19 13:02:22
4	006CALS.d	S03	2019-07-19 13:06:27
5	007CALS.d	S04	2019-07-19 13:10:31
6	008CALS.d	S05	2019-07-19 13:14:27
7	009CALS.d	S06	2019-07-19 13:18:21
8	010CALS.d	S07	2019-07-19 13:22:12
9	011CALS.d	S08	2019-07-19 13:26:02

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	30.8
2	☐	0.100					
3	☐	1.000	0.995	1120.06	0.0008	P	2.8
4	☐	50.000	53.058	58070.53	0.0422	P	1.4
5	☐	125.000	131.564	140696.66	0.1046	P	0.8
6	☐	250.000	253.245	261784.11	0.2013	P	1.0
7	☐	500.000	510.290	516688.35	0.4057	P	0.6
8	☐	1000.000	993.070	1008554.13	0.7895	P	0.9
9	☐			190.00	0.0002	P	10.0

$$y = 7.9495\text{E-}004 * x + 2.0081\text{E-}005$$

$$R = 0.9999$$

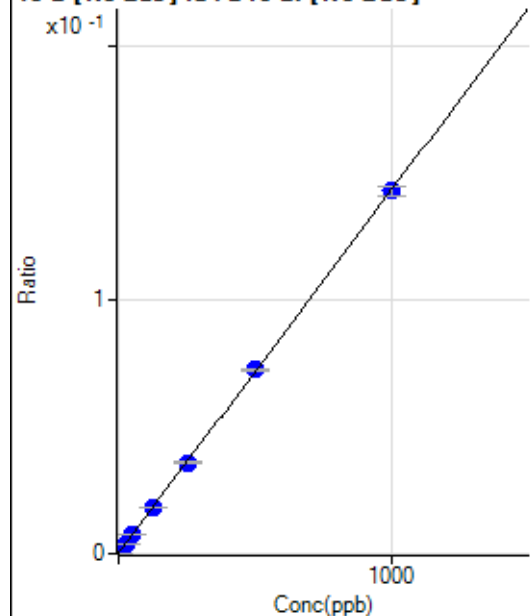
$$DL = 0.02337$$

$$BEC = 0.02526$$

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	338.91	0.0002	P	9.4
2	☐	2.500					
3	☐	25.000	23.666	5006.58	0.0036	P	4.1
4	☐	50.000	50.548	10276.07	0.0075	P	4.5
5	☐	125.000	125.583	24465.02	0.0182	P	0.6
6	☐	250.000	248.748	46533.56	0.0358	P	1.2
7	☐	500.000	505.381	92289.62	0.0725	P	0.9
8	☐	1000.000	997.556	182415.62	0.1428	P	2.8
9	☐			9481.11	0.0079	P	7.7

$$y = 1.4289\text{E-}004 * x + 2.4458\text{E-}004$$

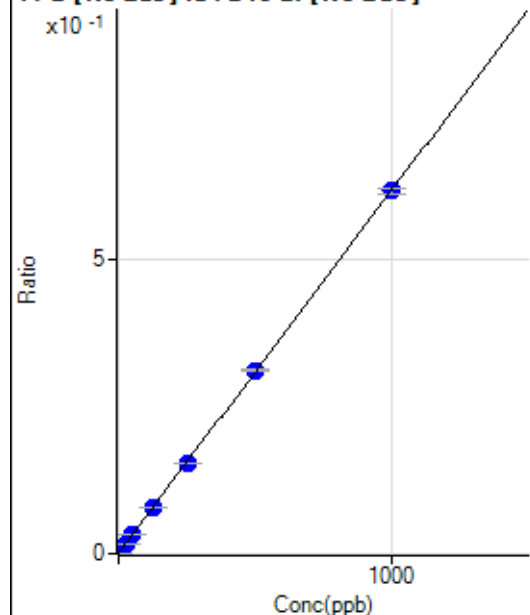
$$R = 1.0000$$

$$DL = 0.4845$$

$$BEC = 1.712$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1394.57	0.0010	P	3.8
2	☐	2.500					
3	☐	25.000	23.822	21630.01	0.0157	P	1.7
4	☐	50.000	50.931	44513.82	0.0323	P	0.5
5	☐	125.000	125.787	105463.13	0.0784	P	1.2
6	☐	250.000	248.546	200177.24	0.1540	P	0.6
7	☐	500.000	502.756	395321.75	0.3104	P	0.9
8	☐	1000.000	998.870	786531.40	0.6157	P	1.5
9	☐			41262.87	0.0344	P	5.8

$$y = 6.1536E-004 * x + 0.0010$$

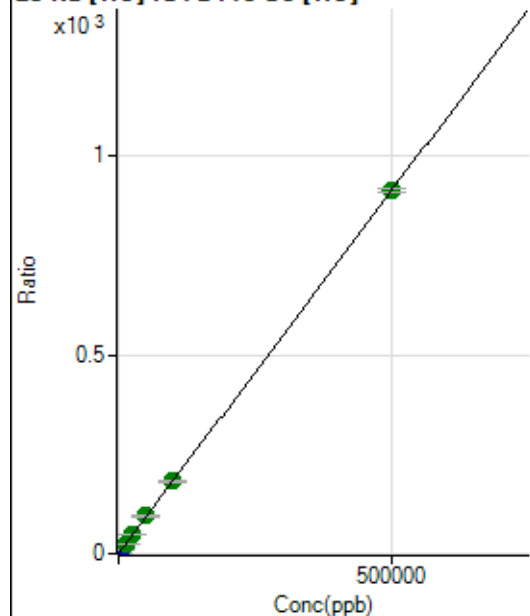
$$R = 1.0000$$

$$DL = 0.1869$$

$$BEC = 1.636$$

Weight: <None>

Min Conc: 0

23 Na [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5862.45	0.0527	P	2.6
2	☐	50.000					
3	☐	500.000	527.910	112203.28	1.0163	P	0.5
4	☐	5000.000	5378.931	1094005.24	9.8713	P	0.5
5	☐	12500.000	13339.160	2536080.94	24.4019	A	1.2
6	☐	25000.000	25726.160	4826349.67	47.0131	A	1.4
7	☐	50000.000	51948.619	9925633.12	94.8794	A	1.4
8	☐	100000.00	99378.730	20066178.23	181.4581	A	1.1
9	☐	500000.00	499868.28	99648553.62	912.5095	A	0.9

$$y = 0.0018 * x + 0.0527$$

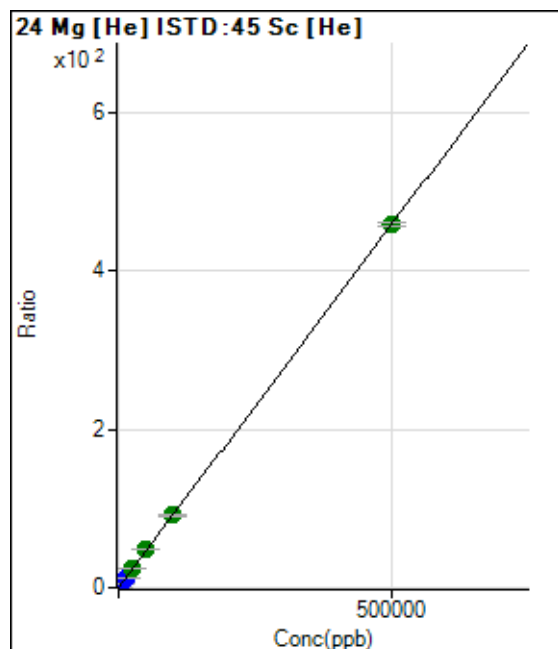
$$R = 1.0000$$

$$DL = 2.264$$

$$BEC = 28.85$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0003	P	24.7
2	☐	50.000					
3	☐	500.000	543.667	55049.08	0.4986	P	0.8
4	☐	5000.000	5392.286	547784.47	4.9427	P	1.3
5	☐	12500.000	13450.988	1281247.53	12.3292	P	2.0
6	☐	25000.000	25932.906	2440232.54	23.7698	A	0.8
7	☐	50000.000	52103.294	4996552.19	47.7570	A	0.8
8	☐	100000.00	99849.079	10120440.24	91.5197	A	1.2
9	☐	500000.00	499745.46	50019398.34	458.0557	A	1.2

$$y = 9.1658\text{E-}004 * x + 2.9925\text{E-}004$$

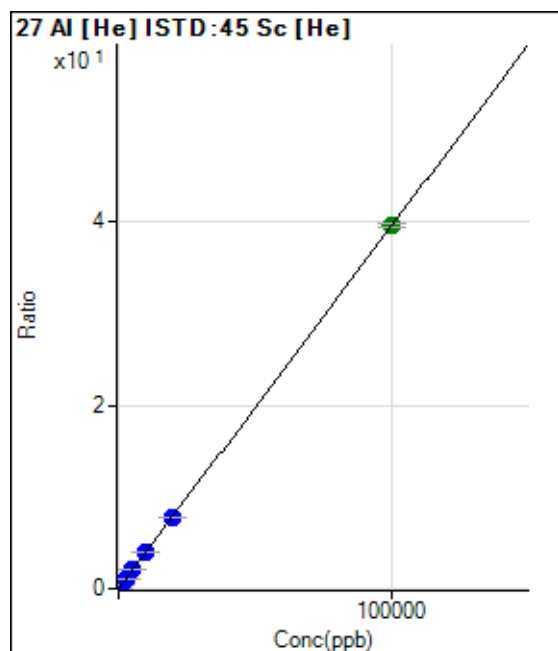
$$R = 1.0000$$

$$DL = 0.2414$$

$$BEC = 0.3265$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.44	0.0002	P	50.1
2	☐	2.000					
3	☐	20.000	18.968	847.28	0.0077	P	18.7
4	☐	1000.000	1060.841	46475.98	0.4193	P	0.8
5	☐	2500.000	2683.463	110209.96	1.0605	P	2.2
6	☐	5000.000	5091.326	206547.79	2.0119	P	0.9
7	☐	10000.000	10278.905	424946.37	4.0616	P	0.4
8	☐	20000.000	19667.222	859401.82	7.7712	P	1.0
9	☐	100000.00	100028.90	4316122.32	39.5243	A	1.1

$$y = 3.9513\text{E-}004 * x + 1.7534\text{E-}004$$

$$R = 1.0000$$

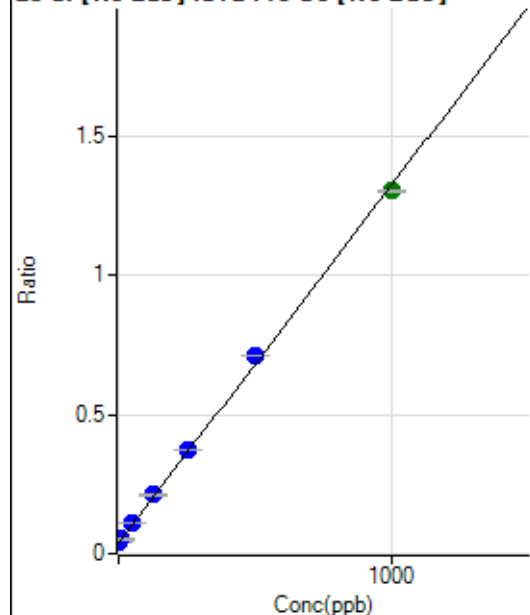
$$DL = 0.667$$

$$BEC = 0.4438$$

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	91473.42	0.0388	P	1.3
2	☐	1.000					
3	☐	10.000	10.294	119885.57	0.0520	P	0.8
4	☐	50.000	54.614	248022.49	0.1090	P	0.0
5	☐	125.000	133.873	465940.69	0.2109	P	1.0
6	☐	250.000	260.835	793319.30	0.3741	P	1.0
7	☐	500.000	524.152	1501312.11	0.7126	P	0.2
8	☐	1000.000	983.872	2899007.94	1.3036	A	0.9
9	☐			465181.34	0.2185	P	1.3

$$y = 0.0013 * x + 0.0388$$

$$R = 0.9995$$

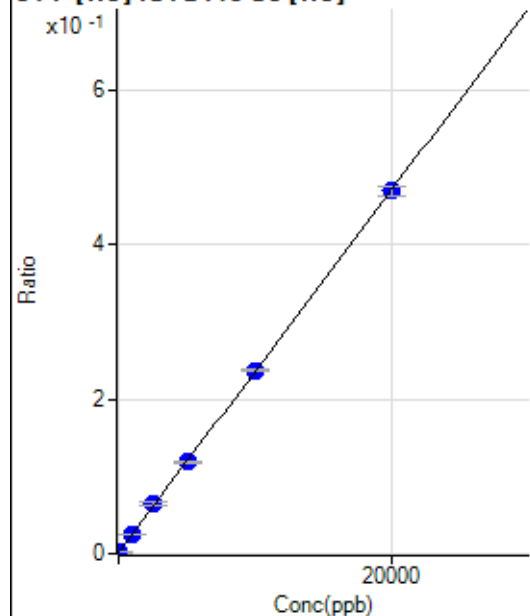
$$DL = 1.198$$

$$BEC = 30.16$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-32.932	108.34	0.0010	P	27.3
2	☐	0.000					
3	☐	0.000	32.932	277.79	0.0025	P	9.3
4	☐	1000.000	954.875	2672.57	0.0241	P	2.2
5	☐	2500.000	2698.464	6749.03	0.0650	P	5.9
6	☐	5000.000	4989.818	12180.42	0.1186	P	2.1
7	☐	10000.000	10043.011	24799.11	0.2370	P	0.5
8	☐	20000.000	19958.488	51893.77	0.4693	P	2.5
9	☐			122.23	0.0011	P	50.6

$$y = 2.3426E-005 * x + 0.0017$$

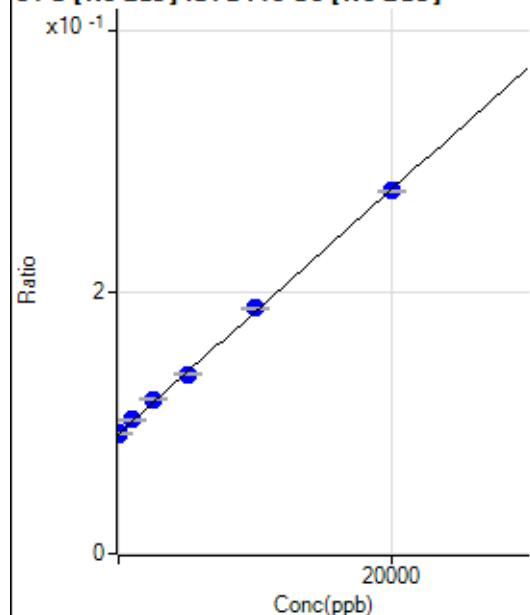
$$R = 0.9999$$

$$DL = 31.98$$

$$BEC = 74.46$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-11.488	216164.50	0.0916	P	0.7
2	☐	0.000					
3	☐	0.000	11.488	211695.77	0.0918	P	1.7
4	☐	1000.000	1135.314	232841.50	0.1023	P	1.6
5	☐	2500.000	2803.659	260443.22	0.1179	P	0.7
6	☐	5000.000	4847.489	290364.01	0.1369	P	1.2
7	☐	10000.000	10248.595	394541.02	0.1873	P	1.0
8	☐	20000.000	19869.107	615971.24	0.2770	P	0.6
9	☐			168797.08	0.0793	P	0.4

$$y = 9.3240\text{E-}006 * x + 0.0917$$

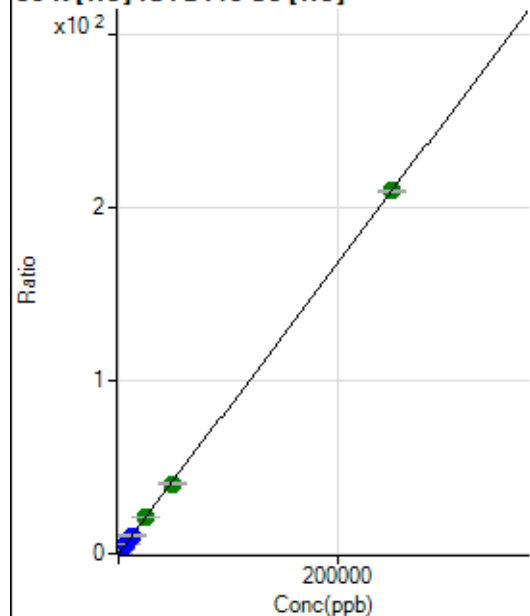
$$R = 0.9997$$

$$DL = 352.6$$

$$BEC = 9837$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	9111.47	0.0818	P	3.8
2	☐	50.000					
3	☐	500.000	510.605	56151.30	0.5086	P	0.5
4	☐	2500.000	2571.773	247291.57	2.2313	P	0.2
5	☐	6250.000	6534.339	576054.83	5.5432	P	2.5
6	☐	12500.000	12456.091	1077185.21	10.4926	P	1.4
7	☐	25000.000	24798.202	2176994.56	20.8080	A	0.5
8	☐	50000.000	48063.578	4451269.28	40.2531	A	1.3
9	☐	250000.00	250401.81	22864133.67	209.3663	A	0.5

$$y = 8.3579\text{E-}004 * x + 0.0818$$

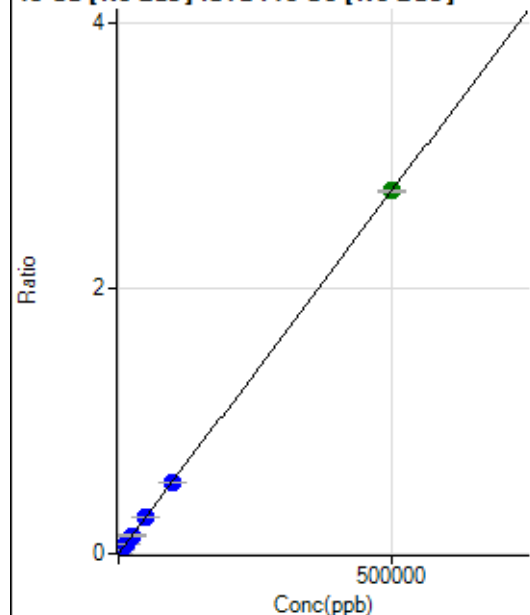
$$R = 1.0000$$

$$DL = 11.09$$

$$BEC = 97.93$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0000	P	22.1
2	☐	50.000					
3	☐	500.000	483.065	6162.60	0.0027	P	3.2
4	☐	5000.000	5099.701	63515.20	0.0279	P	1.4
5	☐	12500.000	12798.711	154652.53	0.0700	P	1.0
6	☐	25000.000	25086.245	290856.06	0.1372	P	1.2
7	☐	50000.000	51287.995	590680.82	0.2804	P	0.5
8	☐	100000.00	97835.133	1189306.71	0.5348	P	0.3
9	☐	500000.00	500291.41	5821472.27	2.7346	A	0.6

$$y = 5.4659\text{E-}006 * x + 3.2957\text{E-}005$$

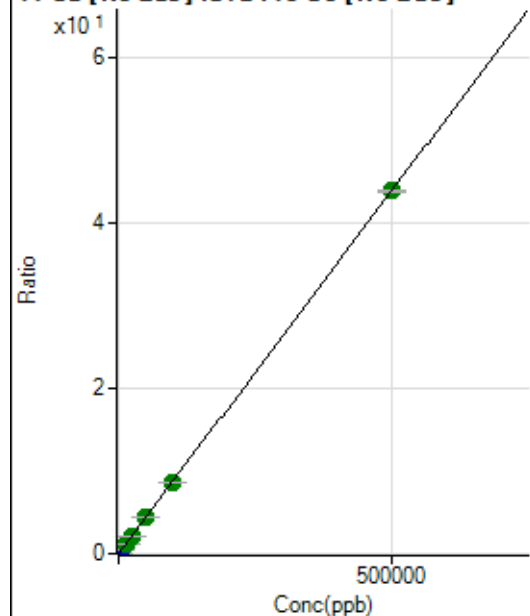
$$R = 1.0000$$

$$DL = 3.998$$

$$BEC = 6.03$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4175.77	0.0018	P	5.3
2	☐	50.000					
3	☐	500.000	479.775	100991.10	0.0438	P	1.7
4	☐	5000.000	5055.602	1012085.99	0.4447	P	0.5
5	☐	12500.000	12433.811	2411095.54	1.0911	A	0.1
6	☐	25000.000	24612.592	4576564.34	2.1581	A	1.3
7	☐	50000.000	50277.045	9283333.28	4.4065	A	0.9
8	☐	100000.00	98671.405	19228398.69	8.6463	A	0.3
9	☐	500000.00	500258.50	93306643.06	43.8291	A	0.4

$$y = 8.7609\text{E-}005 * x + 0.0018$$

$$R = 1.0000$$

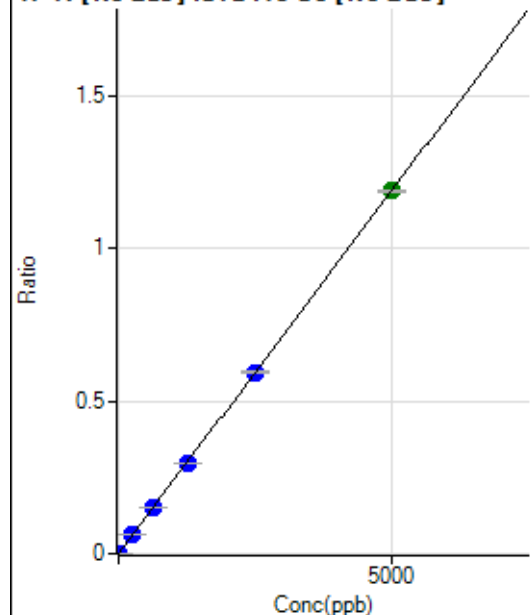
$$DL = 3.234$$

$$BEC = 20.2$$

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	44.45	0.0000	P	10.3
2	☐	0.500					
3	☐	5.000	5.135	2855.96	0.0012	P	5.4
4	☐	250.000	255.230	138026.58	0.0606	P	0.4
5	☐	625.000	633.494	332572.67	0.1505	P	0.1
6	☐	1250.000	1240.683	625031.47	0.2947	P	1.0
7	☐	2500.000	2500.480	1251276.56	0.5940	P	1.8
8	☐	5000.000	5000.766	2641737.02	1.1879	A	0.7
9	☐			722.27	0.0003	P	15.8

$$y = 2.3754E-004 * x + 1.8831E-005$$

$$R = 1.0000$$

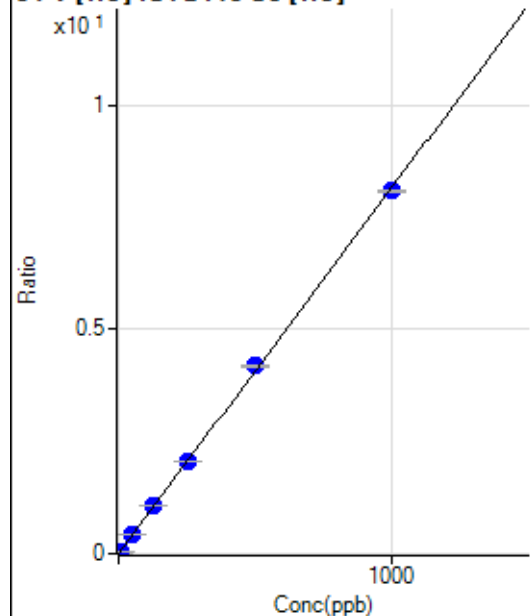
$$DL = 0.0246$$

$$BEC = 0.07928$$

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	3.33	0.0000	P	1.2
2	☐	0.500					
3	☐	5.000	5.368	4838.65	0.0438	P	3.6
4	☐	50.000	50.724	45871.20	0.4139	P	1.2
5	☐	125.000	130.787	110904.99	1.0672	P	1.4
6	☐	250.000	252.460	211479.92	2.0599	P	1.1
7	☐	500.000	512.813	437759.07	4.1842	P	0.7
8	☐	1000.000	992.217	895274.67	8.0958	P	0.7
9	☐			176.67	0.0016	P	13.6

$$y = 0.0082 * x + 2.9923E-005$$

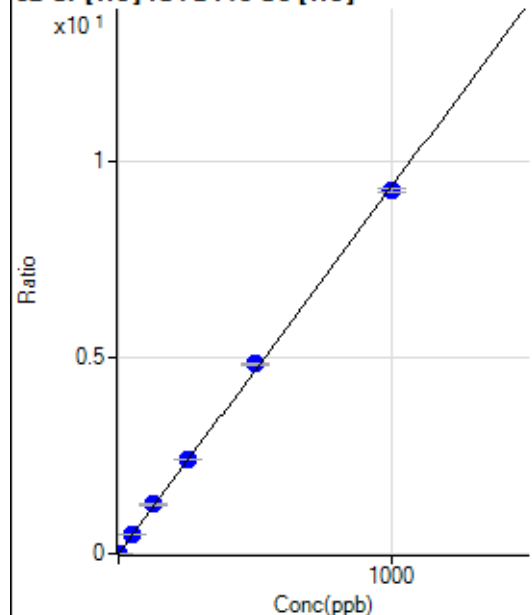
$$R = 0.9999$$

$$DL = 0.000134$$

$$BEC = 0.003667$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	313.34	0.0028	P	4.4
2	☐	0.200					
3	☐	2.000	1.988	2366.90	0.0214	P	4.9
4	☐	50.000	52.272	54572.93	0.4924	P	0.7
5	☐	125.000	134.363	131070.62	1.2613	P	2.1
6	☐	250.000	256.198	246637.62	2.4024	P	0.2
7	☐	500.000	516.558	506473.38	4.8410	P	0.6
8	☐	1000.000	988.888	1024557.35	9.2649	P	0.9
9	☐			18438.36	0.1688	P	2.4

$$y = 0.0094 * x + 0.0028$$

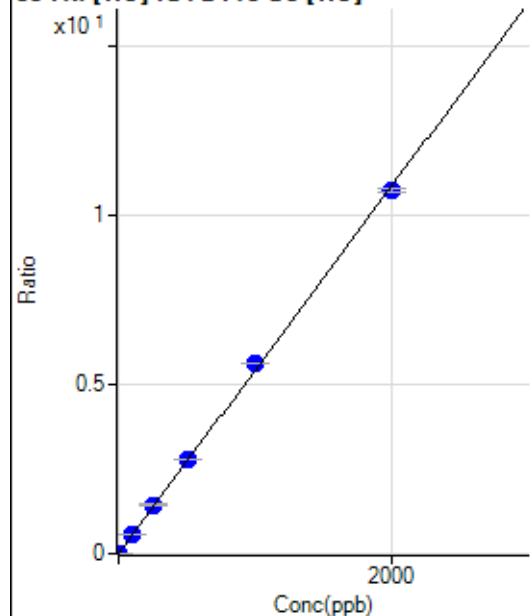
$$R = 0.9997$$

$$DL = 0.0394$$

$$BEC = 0.3006$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	15.55	0.0001	P	25.9
2	☐	0.100					
3	☐	1.000	1.040	637.80	0.0058	P	5.4
4	☐	100.000	104.434	62756.62	0.5662	P	0.8
5	☐	250.000	265.860	149773.08	1.4413	P	2.2
6	☐	500.000	512.099	284995.25	2.7760	P	0.8
7	☐	1000.000	1038.154	588771.87	5.6276	P	0.5
8	☐	2000.000	1975.694	1184352.02	10.7096	P	1.0
9	☐			3404.89	0.0312	P	3.6

$$y = 0.0054 * x + 1.4000E-004$$

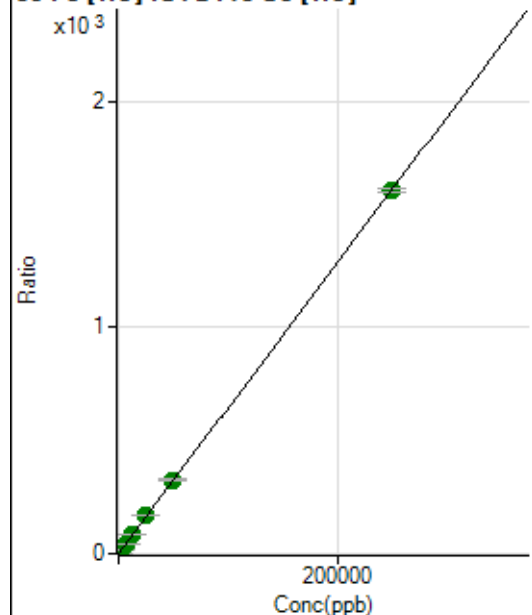
$$R = 0.9997$$

$$DL = 0.02006$$

$$BEC = 0.02583$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1557.53	0.0140	P	3.7
2	☐	5.000					
3	☐	50.000	59.501	43761.83	0.3964	P	1.0
4	☐	2500.000	2665.169	1899718.10	17.1415	A	0.7
5	☐	6250.000	6820.685	4556820.70	43.8465	A	1.2
6	☐	12500.000	13165.548	8687326.70	84.6212	A	0.9
7	☐	25000.000	26405.844	17754450.16	169.7089	A	1.2
8	☐	50000.000	50750.731	36067890.16	326.1592	A	0.9
9	☐	250000.00	249660.07	175202983.5	1,604.432	A	1.1

$$y = 0.0064 * x + 0.0140$$

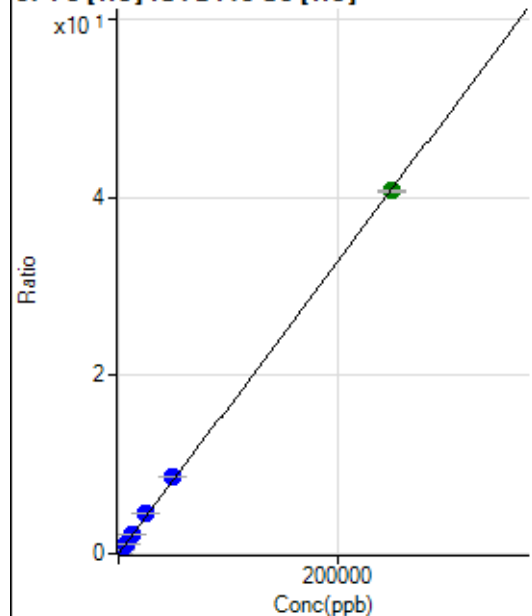
$$R = 1.0000$$

$$DL = 0.2385$$

$$BEC = 2.178$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	74.07	0.0007	P	33.6
2	☐	5.000					
3	☐	50.000	63.462	1218.60	0.0110	P	2.5
4	☐	2500.000	2752.046	49924.12	0.4505	P	0.5
5	☐	6250.000	7046.680	119758.36	1.1524	P	1.7
6	☐	12500.000	13670.196	229445.43	2.2349	P	1.1
7	☐	25000.000	27458.526	469609.38	4.4885	P	0.3
8	☐	50000.000	52582.328	950502.25	8.5948	P	0.5
9	☐	250000.00	249156.73	4447258.17	40.7231	A	0.3

$$y = 1.6344E-004 * x + 6.6488E-004$$

$$R = 0.9999$$

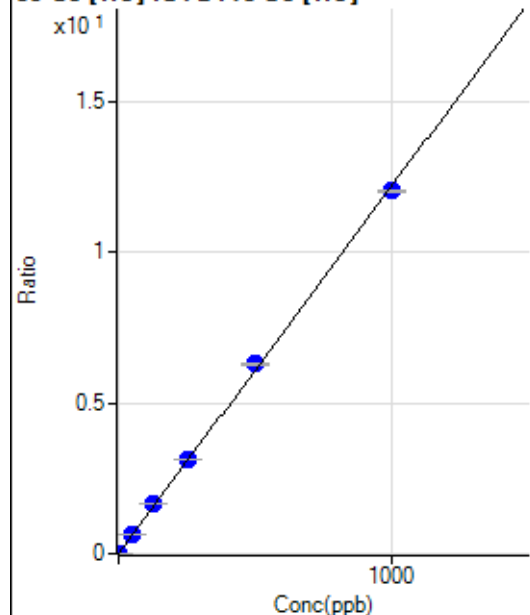
$$DL = 4.099$$

$$BEC = 4.068$$

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	18.89	0.0002	P	43.7
2	☐	0.100					
3	☐	1.000	1.066	1450.10	0.0131	P	3.3
4	☐	50.000	52.800	71227.42	0.6427	P	0.7
5	☐	125.000	135.308	171136.11	1.6467	P	1.5
6	☐	250.000	258.202	322581.34	3.1422	P	0.6
7	☐	500.000	517.295	658602.10	6.2950	P	0.8
8	☐	1000.000	987.873	1329471.83	12.0215	P	0.7
9	☐			16052.32	0.1470	P	2.2

$$y = 0.0122 * x + 1.6947E-004$$

$$R = 0.9997$$

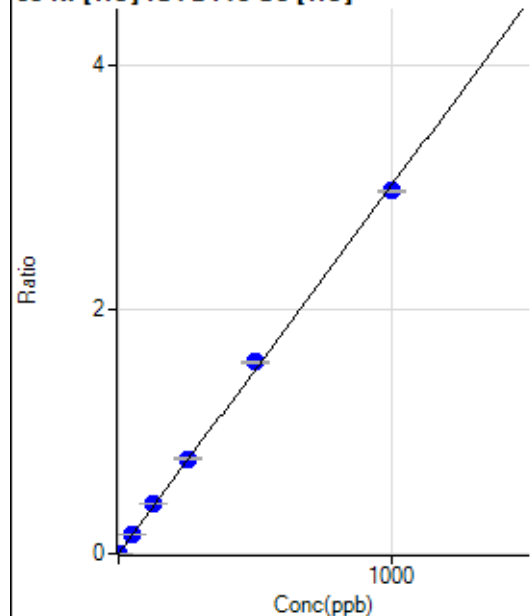
$$DL = 0.01828$$

$$BEC = 0.01393$$

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	13.33	0.0001	P	66.2
2	☐	0.100					
3	☐	1.000	1.073	370.01	0.0034	P	12.5
4	☐	50.000	52.397	17508.41	0.1580	P	1.2
5	☐	125.000	135.116	42314.41	0.4072	P	1.8
6	☐	250.000	258.238	79880.27	0.7781	P	0.4
7	☐	500.000	521.237	164284.92	1.5704	P	1.4
8	☐	1000.000	985.938	328491.09	2.9704	P	0.3
9	☐			6274.78	0.0575	P	1.8

$$y = 0.0030 * x + 1.1996E-004$$

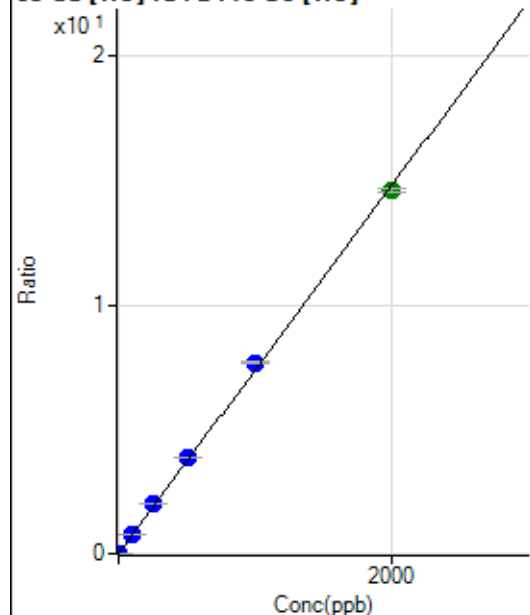
$$R = 0.9996$$

$$DL = 0.07906$$

$$BEC = 0.03982$$

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	127.78	0.0011	P	17.8
2	☐	0.200					
3	☐	2.000	2.163	1892.37	0.0171	P	2.9
4	☐	100.000	107.011	87795.75	0.7922	P	0.2
5	☐	250.000	272.314	209311.26	2.0141	P	1.6
6	☐	500.000	520.967	395473.70	3.8521	P	0.5
7	☐	1000.000	1038.644	803349.76	7.6788	P	0.9
8	☐	2000.000	1972.296	1612362.77	14.5804	A	0.9
9	☐			2169.09	0.0199	P	7.6

$$y = 0.0074 * x + 0.0011$$

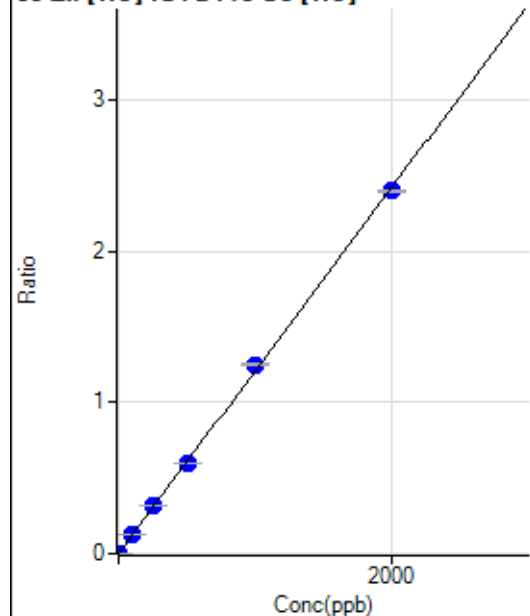
$$R = 0.9996$$

$$DL = 0.08292$$

$$BEC = 0.1554$$

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	53.33	0.0005	P	30.5
2	☐	0.200					
3	☐	2.000	2.092	332.23	0.0030	P	6.8
4	☐	100.000	100.874	13577.61	0.1225	P	2.3
5	☐	250.000	266.513	33556.45	0.3229	P	0.8
6	☐	500.000	491.538	61091.66	0.5951	P	1.1
7	☐	1000.000	1033.277	130818.60	1.2504	P	1.1
8	☐	2000.000	1983.369	265390.49	2.3997	P	0.3
9	☐			2114.63	0.0194	P	4.4

$$y = 0.0012 * x + 4.7858E-004$$

$$R = 0.9998$$

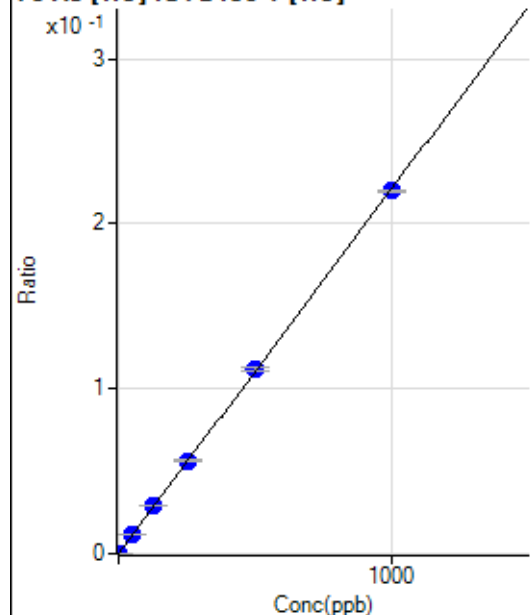
$$DL = 0.3616$$

$$BEC = 0.3956$$

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	1.85	0.0000	P	100.
2	☐	0.100					
3	☐	1.000	1.088	97.53	0.0002	P	8.0
4	☐	50.000	51.748	4547.05	0.0114	P	0.7
5	☐	125.000	131.121	10986.31	0.0290	P	2.8
6	☐	250.000	255.400	21313.82	0.0565	P	0.5
7	☐	500.000	506.005	43122.41	0.1119	P	1.4
8	☐	1000.000	994.795	88692.97	0.2200	P	0.3
9	☐			127.16	0.0003	P	21.0

$$y = 2.2116\text{E-}004 * x + 4.6114\text{E-}006$$

$$R = 0.9999$$

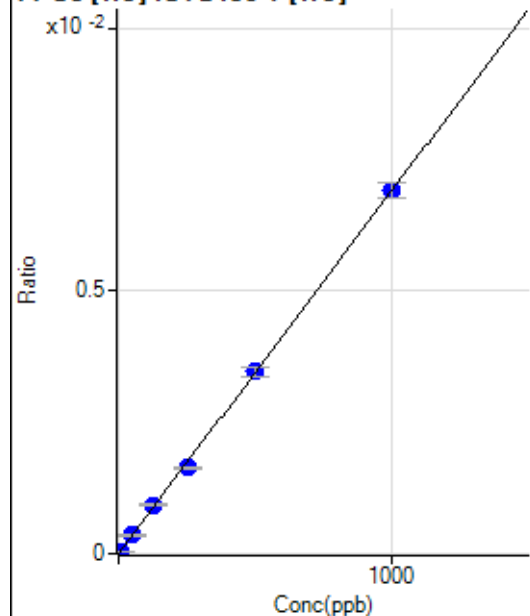
$$DL = 0.0626$$

$$BEC = 0.02085$$

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	4.036	11.11	0.0000	P	68.5
4	☐	50.000	51.824	142.23	0.0004	P	11.3
5	☐	125.000	134.245	351.12	0.0009	P	4.0
6	☐	250.000	237.504	618.91	0.0016	P	2.5
7	☐	500.000	502.836	1338.97	0.0035	P	5.2
8	☐	1000.000	1000.464	2784.75	0.0069	P	4.3
9	☐			3.33	0.0000	P	1.6

$$y = 6.9061\text{E-}006 * x + 0.0000\text{E+}000$$

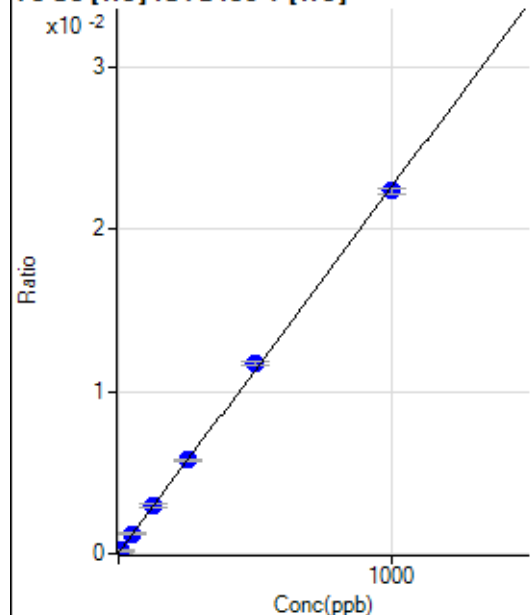
$$R = 0.9998$$

$$DL = 0$$

$$BEC = 0$$

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	16.66	0.0000	P	19.1
2	☐	0.500					
3	☐	5.000	6.077	70.99	0.0002	P	7.6
4	☐	50.000	53.212	492.61	0.0012	P	7.2
5	☐	125.000	129.590	1121.66	0.0030	P	5.7
6	☐	250.000	255.222	2185.37	0.0058	P	2.3
7	☐	500.000	516.929	4503.82	0.0117	P	1.7
8	☐	1000.000	989.490	9003.46	0.0223	P	1.5
9	☐			24.07	0.0001	P	8.6

$$y = 2.2531E-005 * x + 4.1650E-005$$

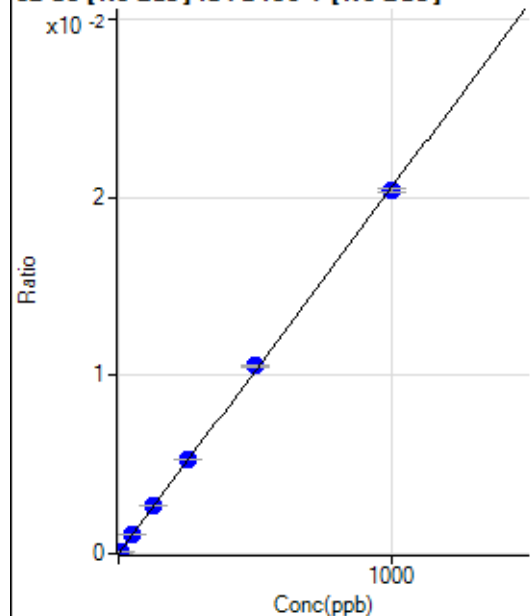
$$R = 0.9998$$

$$DL = 1.057$$

$$BEC = 1.849$$

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	12.39	0.0000	P	209.
2	☐	0.500					
3	☐	5.000	4.626	270.83	0.0001	P	11.9
4	☐	50.000	52.574	2939.01	0.0011	P	2.1
5	☐	125.000	130.327	7106.42	0.0027	P	0.8
6	☐	250.000	255.708	13680.21	0.0053	P	0.5
7	☐	500.000	512.965	27159.00	0.0105	P	1.1
8	☐	1000.000	991.298	54892.96	0.0204	P	0.9
9	☐			55.02	0.0000	P	31.8

$$y = 2.0532E-005 * x + 4.5166E-006$$

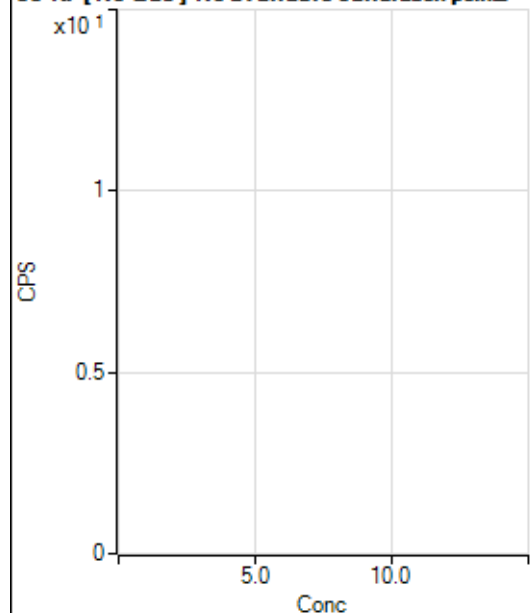
$$R = 0.9998$$

$$DL = 1.383$$

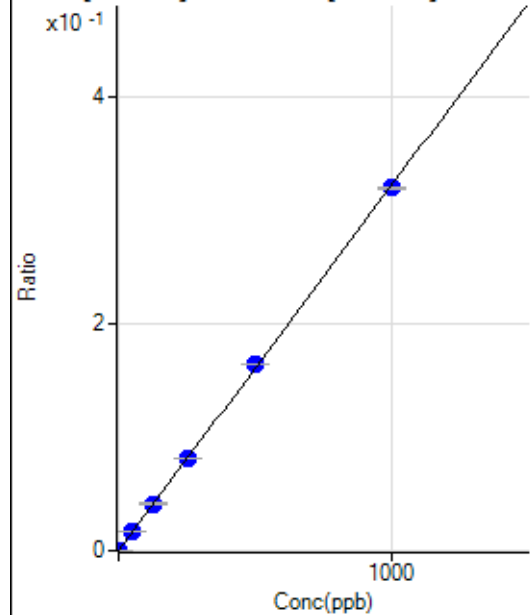
$$BEC = 0.22$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			96.67		P	17.2
2	☐						
3	☐			96.67		P	6.9
4	☐			77.78		P	13.1
5	☐			93.34		P	14.3
6	☐			92.22		P	7.5
7	☐			78.89		P	12.2
8	☐			102.22		P	32.7
9	☐			98.89		P	1.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	150.01	0.0001	P	40.5
2	☐	0.100					
3	☐	1.000	0.905	941.74	0.0003	P	11.3
4	☐	50.000	51.137	44826.49	0.0165	P	1.4
5	☐	125.000	128.073	109568.38	0.0413	P	1.6
6	☐	250.000	251.613	211227.34	0.0811	P	1.0
7	☐	500.000	511.375	424912.88	0.1648	P	0.7
8	☐	1000.000	993.468	863390.02	0.3202	P	0.3
9	☐			3456.11	0.0014	P	5.5

$$y = 3.2225E-004 * x + 5.4510E-005$$

$$R = 0.9999$$

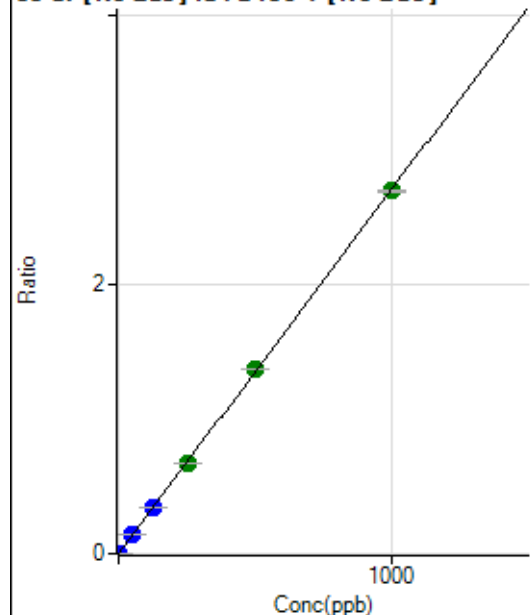
$$DL = 0.2058$$

$$BEC = 0.1692$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.34	0.0000	P	14.1
2	☐	0.100					
3	☐	1.000	0.987	7335.50	0.0027	P	4.8
4	☐	50.000	51.759	380034.73	0.1402	P	0.5
5	☐	125.000	128.841	924979.60	0.3489	P	0.8
6	☐	250.000	249.580	1759331.49	0.6758	A	0.7
7	☐	500.000	506.062	3532083.41	1.3703	A	0.4
8	☐	1000.000	996.506	7275569.43	2.6983	A	0.5
9	☐			29756.64	0.0119	P	1.8

$$y = 0.0027 * x + 2.1172E-005$$

$$R = 1.0000$$

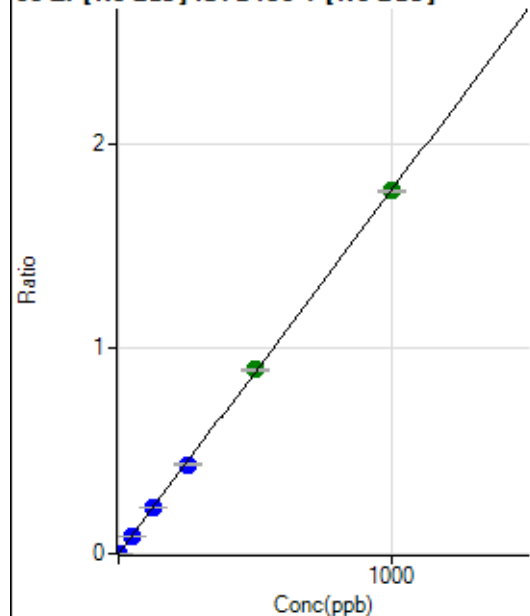
$$DL = 0.003316$$

$$BEC = 0.007819$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	230.57	0.0001	P	14.7
2	☐	0.100					
3	☐	1.000	0.869	4425.85	0.0016	P	7.2
4	☐	50.000	49.804	239748.55	0.0884	P	1.3
5	☐	125.000	125.585	590838.89	0.2229	P	0.7
6	☐	250.000	245.945	1135954.39	0.4364	P	0.8
7	☐	500.000	505.485	2311452.46	0.8967	A	0.4
8	☐	1000.000	998.208	4774626.24	1.7708	A	0.3
9	☐			1469.59	0.0006	P	4.3

$$y = 0.0018 * x + 8.3699E-005$$

$$R = 1.0000$$

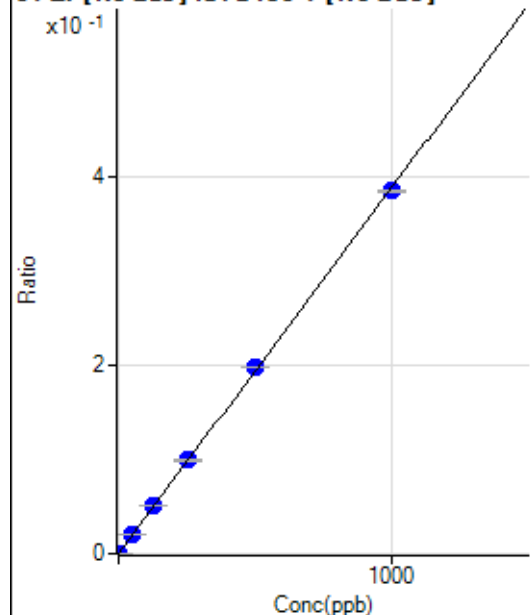
$$DL = 0.02086$$

$$BEC = 0.04718$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	69.45	0.0000	P	25.0
2	☐	0.100					
3	☐	1.000	0.796	908.40	0.0003	P	7.6
4	☐	50.000	52.469	55176.33	0.0204	P	1.1
5	☐	125.000	130.592	134193.68	0.0506	P	2.0
6	☐	250.000	256.563	258798.02	0.0994	P	1.3
7	☐	500.000	511.208	510510.85	0.1981	P	0.5
8	☐	1000.000	991.933	1036164.16	0.3843	P	0.5
9	☐			358.36	0.0001	P	18.2

$$y = 3.8738\text{E-}004 * x + 2.5207\text{E-}005$$

$$R = 0.9999$$

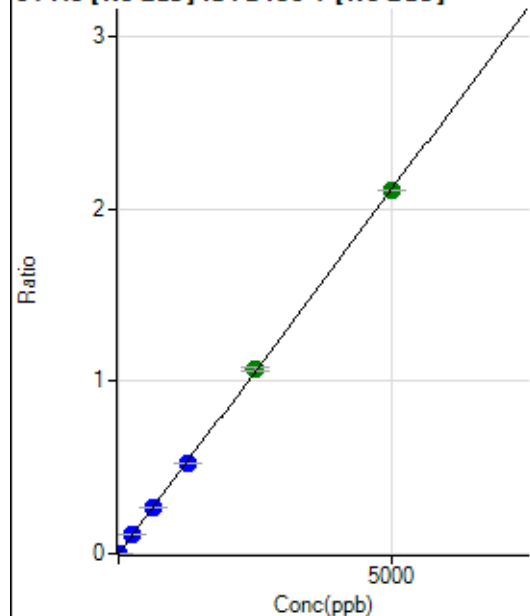
$$DL = 0.04872$$

$$BEC = 0.06507$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.00	0.0000	P	33.7
2	☐	0.500					
3	☐	5.000	4.374	5112.24	0.0019	P	1.1
4	☐	250.000	254.629	292140.68	0.1078	P	0.7
5	☐	625.000	638.521	716260.77	0.2702	P	1.3
6	☐	1250.000	1246.868	1373297.04	0.5275	P	1.1
7	☐	2500.000	2534.823	2764143.92	1.0724	A	1.2
8	☐	5000.000	4981.450	5682576.65	2.1075	A	0.2
9	☐			3347.75	0.0013	P	2.0

$$y = 4.2306\text{E-}004 * x + 2.7244\text{E-}005$$

$$R = 1.0000$$

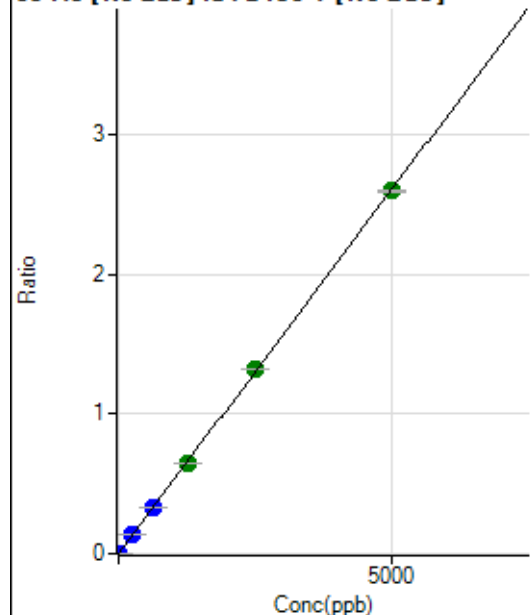
$$DL = 0.06516$$

$$BEC = 0.0644$$

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	33.33	0.0000	P	50.4
2	☐	0.500					
3	☐	5.000	4.788	6824.12	0.0025	P	1.8
4	☐	250.000	257.280	363423.38	0.1340	P	1.3
5	☐	625.000	643.180	888368.41	0.3351	P	1.0
6	☐	1250.000	1239.191	1680587.58	0.6456	A	1.3
7	☐	2500.000	2530.409	3397933.10	1.3182	A	0.4
8	☐	5000.000	4984.861	7002169.51	2.5969	A	0.6
9	☐			4664.84	0.0019	P	2.2

$$y = 5.2095E-004 * x + 1.2113E-005$$

$$R = 1.0000$$

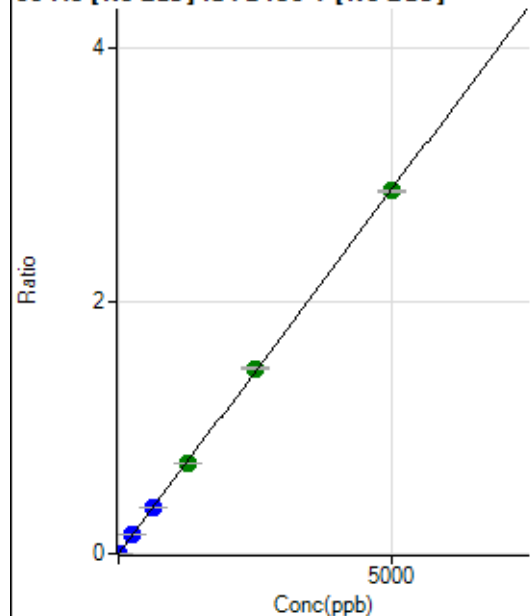
$$DL = 0.03515$$

$$BEC = 0.02325$$

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	55.56	0.0000	P	22.5
2	☐	0.500					
3	☐	5.000	4.748	7502.27	0.0028	P	4.5
4	☐	250.000	258.535	403947.33	0.1490	P	0.5
5	☐	625.000	641.433	979925.95	0.3696	P	0.8
6	☐	1250.000	1237.231	1855880.20	0.7129	A	1.4
7	☐	2500.000	2536.886	3767800.22	1.4618	A	0.9
8	☐	5000.000	4982.269	7740814.93	2.8708	A	0.6
9	☐			7430.02	0.0030	P	3.5

$$y = 5.7620E-004 * x + 2.0151E-005$$

$$R = 1.0000$$

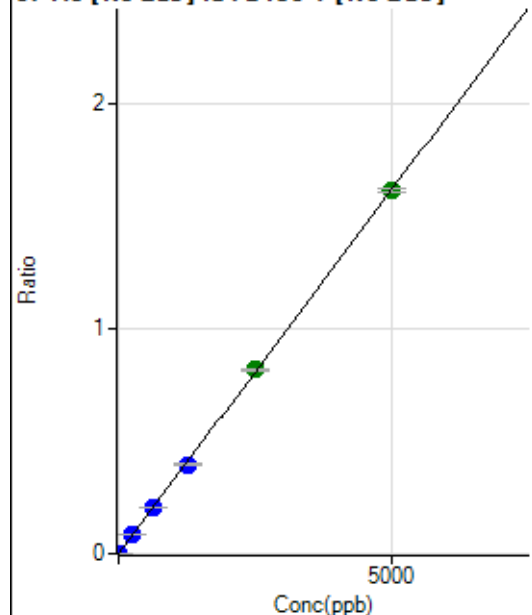
$$DL = 0.02358$$

$$BEC = 0.03497$$

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	13.89	0.0000	P	34.9
2	☐	0.500					
3	☐	5.000	4.621	4084.08	0.0015	P	3.3
4	☐	250.000	255.630	224268.73	0.0827	P	1.1
5	☐	625.000	642.638	551295.27	0.2079	P	0.9
6	☐	1250.000	1226.201	1032862.20	0.3968	P	1.4
7	☐	2500.000	2530.703	2110587.09	0.8189	A	1.2
8	☐	5000.000	4988.112	4351966.37	1.6140	A	1.2
9	☐			3056.01	0.0012	P	2.4

$$y = 3.2357\text{E-}004 * x + 5.0456\text{E-}006$$

$$R = 1.0000$$

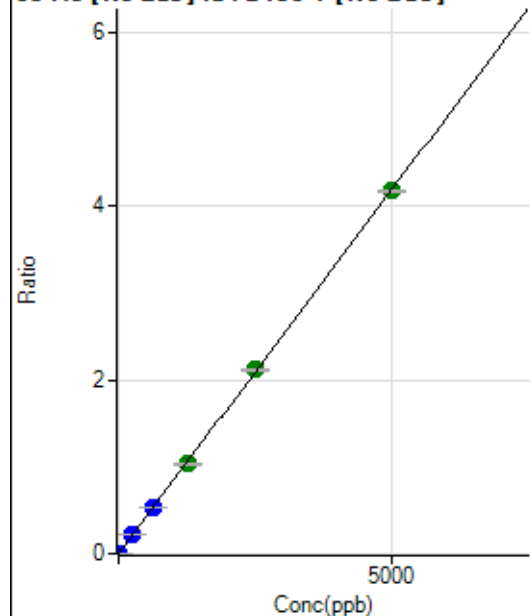
$$DL = 0.01633$$

$$BEC = 0.01559$$

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	44.45	0.0000	P	28.2
2	☐	0.500					
3	☐	5.000	4.827	11040.82	0.0041	P	0.8
4	☐	250.000	252.972	573974.00	0.2117	P	0.9
5	☐	625.000	632.097	1402389.06	0.5289	P	0.4
6	☐	1250.000	1237.993	2696821.96	1.0360	A	1.6
7	☐	2500.000	2526.295	5449013.97	2.1140	A	0.7
8	☐	5000.000	4988.819	11256399.30	4.1746	A	0.6
9	☐			7363.31	0.0029	P	4.4

$$y = 8.3679\text{E-}004 * x + 1.6119\text{E-}005$$

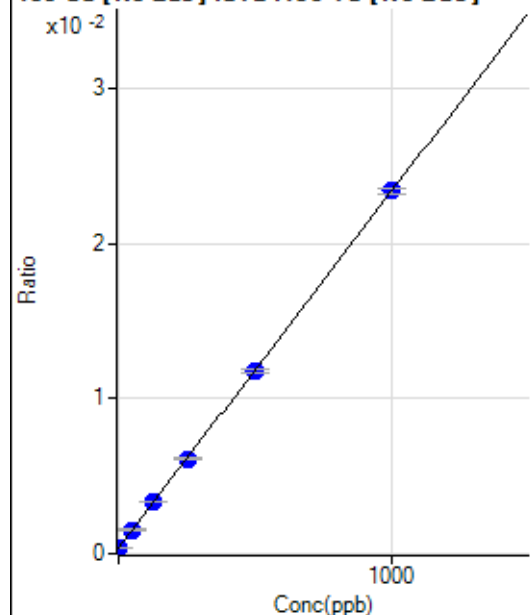
$$R = 1.0000$$

$$DL = 0.01631$$

$$BEC = 0.01926$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1016.75	0.0004	P	13.3
2	☐	0.100					
3	☐	1.000	0.425	1061.19	0.0004	P	11.2
4	☐	50.000	50.018	4281.39	0.0015	P	8.3
5	☐	125.000	129.250	9459.09	0.0033	P	2.2
6	☐	250.000	248.533	17247.16	0.0061	P	2.0
7	☐	500.000	497.226	33259.32	0.0118	P	2.6
8	☐	1000.000	1001.222	68072.65	0.0234	P	1.3
9	☐			972.30	0.0004	P	7.5

$$y = 2.2978\text{E-}005 * x + 3.6425\text{E-}004$$

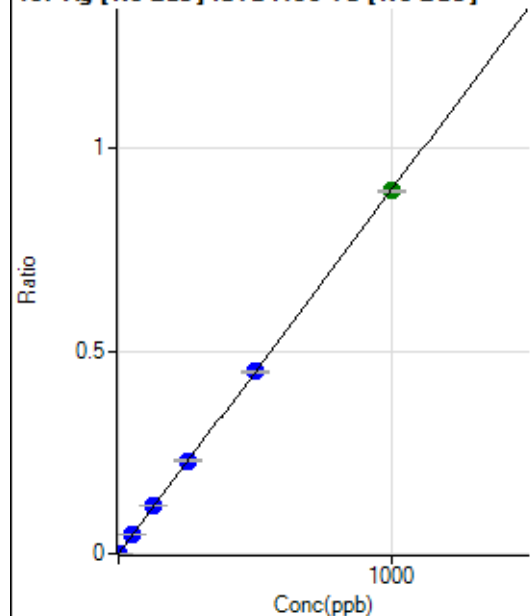
$$R = 1.0000$$

$$DL = 6.321$$

$$BEC = 15.85$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	58.34	0.0000	P	49.3
2	☐	0.100					
3	☐	1.000	1.043	2717.03	0.0010	P	2.2
4	☐	50.000	54.362	138128.91	0.0488	P	1.3
5	☐	125.000	132.896	338603.91	0.1194	P	0.4
6	☐	250.000	253.910	647309.13	0.2280	P	2.2
7	☐	500.000	500.667	1268430.69	0.4496	P	0.6
8	☐	1000.000	997.484	2608921.41	0.8957	A	0.6
9	☐			308.35	0.0001	P	10.1

$$y = 8.9793\text{E-}004 * x + 2.0887\text{E-}005$$

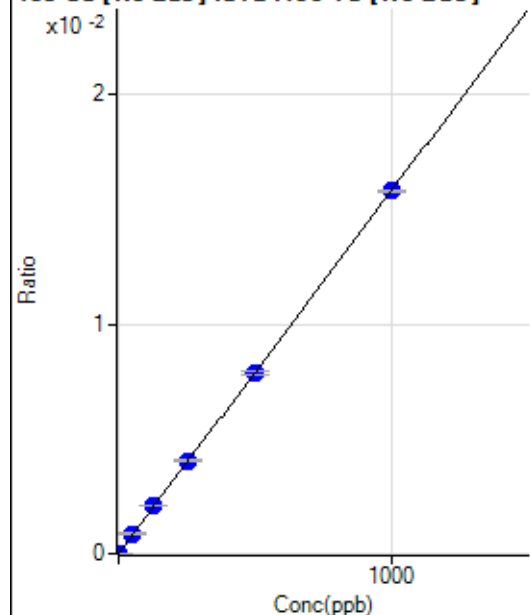
$$R = 1.0000$$

$$DL = 0.03441$$

$$BEC = 0.02326$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5.56	0.0000	P	114.
2	☐	0.100					
3	☐	1.000	0.772	40.28	0.0000	P	46.9
4	☐	50.000	55.424	2486.38	0.0009	P	3.6
5	☐	125.000	132.126	5937.48	0.0021	P	3.3
6	☐	250.000	255.696	11495.15	0.0040	P	2.2
7	☐	500.000	495.990	22150.94	0.0079	P	2.0
8	☐	1000.000	999.419	46073.52	0.0158	P	0.4
9	☐			18.06	0.0000	P	81.6

$$y = 1.5825\text{E-}005 * x + 1.9912\text{E-}006$$

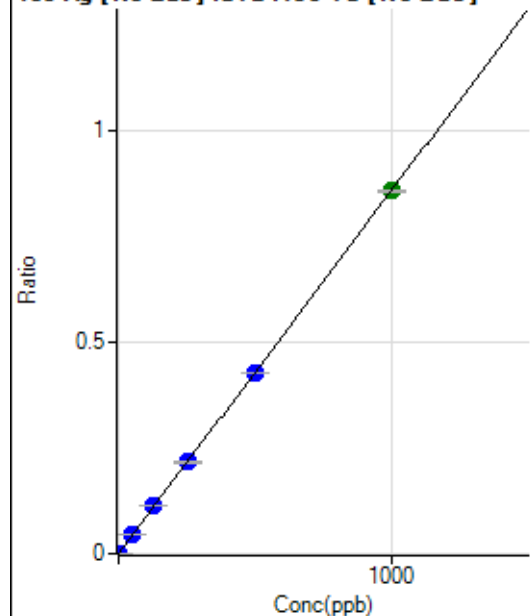
$$R = 0.9999$$

$$DL = 0.4321$$

$$BEC = 0.1258$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	50.00	0.0000	P	49.9
2	☐	0.100					
3	☐	1.000	1.084	2692.03	0.0009	P	2.3
4	☐	50.000	54.188	131646.38	0.0465	P	0.8
5	☐	125.000	132.160	321957.32	0.1135	P	0.7
6	☐	250.000	252.101	614522.27	0.2165	P	1.8
7	☐	500.000	498.528	1207640.17	0.4280	P	0.4
8	☐	1000.000	999.106	2498602.58	0.8578	A	0.3
9	☐			269.46	0.0001	P	19.6

$$y = 8.5856\text{E-}004 * x + 1.7907\text{E-}005$$

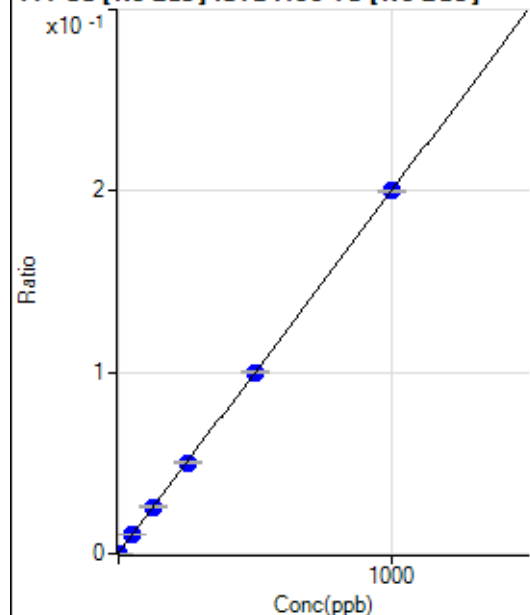
$$R = 1.0000$$

$$DL = 0.03121$$

$$BEC = 0.02086$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	714.77	0.0003	P	13.4
2	☐	0.100					
3	☐	1.000	0.882	1227.16	0.0004	P	3.5
4	☐	50.000	52.107	30182.18	0.0107	P	1.0
5	☐	125.000	128.515	73598.58	0.0259	P	0.6
6	☐	250.000	249.464	142278.98	0.0501	P	1.5
7	☐	500.000	499.435	282346.63	0.1001	P	0.4
8	☐	1000.000	999.872	582837.74	0.2001	P	0.5
9	☐			748.53	0.0003	P	10.3

$$y = 1.9987\text{E-}004 * x + 2.5607\text{E-}004$$

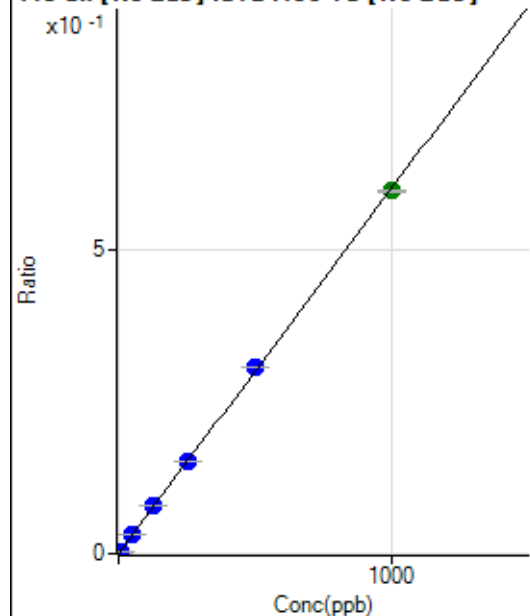
$$R = 1.0000$$

$$DL = 0.5161$$

$$BEC = 1.281$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	255.68	0.0001	P	49.5
2	☐	0.500					
3	☐	5.000	5.163	9048.03	0.0032	P	4.0
4	☐	50.000	52.596	89470.31	0.0316	P	0.3
5	☐	125.000	129.820	221106.44	0.0779	P	1.3
6	☐	250.000	252.020	429302.26	0.1512	P	1.2
7	☐	500.000	510.209	863414.13	0.3060	P	0.4
8	☐	1000.000	993.658	1735799.19	0.5959	A	0.9
9	☐			800.06	0.0003	P	8.8

$$y = 5.9964\text{E-}004 * x + 9.1566\text{E-}005$$

$$R = 0.9999$$

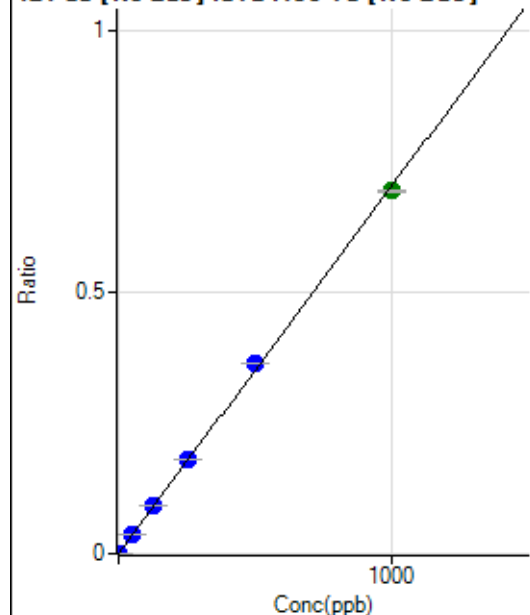
$$DL = 0.2268$$

$$BEC = 0.1527$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.33	0.0000	P	100.
2	☐	0.200					
3	☐	2.000	1.995	3981.29	0.0014	P	0.8
4	☐	50.000	52.949	105110.66	0.0372	P	1.1
5	☐	125.000	131.075	260958.02	0.0920	P	0.0
6	☐	250.000	256.841	511703.60	0.1802	P	1.3
7	☐	500.000	518.960	1027448.90	0.3642	P	0.4
8	☐	1000.000	987.903	2019262.98	0.6933	A	0.7
9	☐			2855.97	0.0011	P	5.0

$$y = 7.0174\text{E-}004 * x + 2.9889\text{E-}006$$

$$R = 0.9997$$

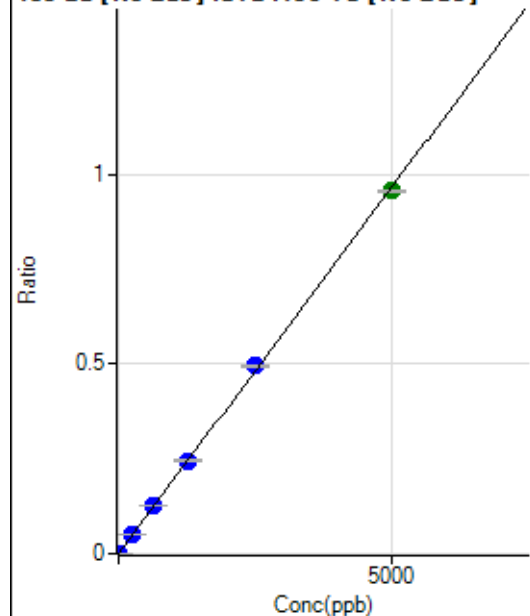
$$DL = 0.01279$$

$$BEC = 0.004259$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.33	0.0000	P	99.9
2	☐	1.000					
3	☐	10.000	9.989	5476.29	0.0019	P	4.6
4	☐	250.000	261.998	142914.82	0.0505	P	0.4
5	☐	625.000	656.688	359259.16	0.1266	P	1.6
6	☐	1250.000	1270.980	695849.38	0.2451	P	0.9
7	☐	2500.000	2566.743	1396442.57	0.4950	P	0.4
8	☐	5000.000	4956.823	2784160.65	0.9558	A	0.7
9	☐			491.70	0.0002	P	13.0

$$y = 1.9283\text{E-}004 * x + 2.9868\text{E-}006$$

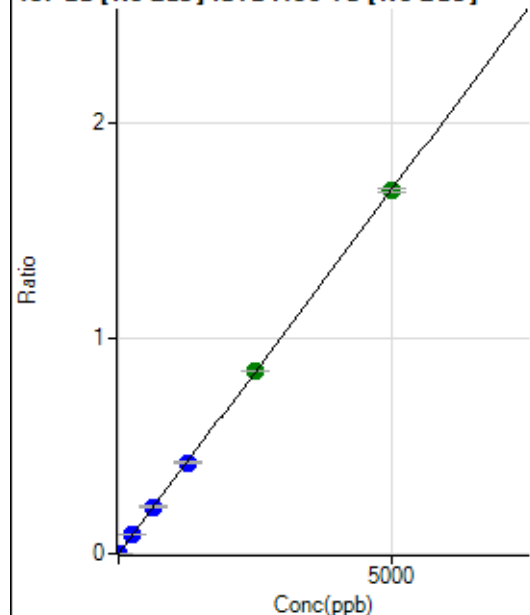
$$R = 0.9998$$

$$DL = 0.04644$$

$$BEC = 0.01549$$

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	19.44	0.0000	P	89.3
2	☐	1.000					
3	☐	10.000	10.276	9873.36	0.0035	P	0.6
4	☐	250.000	260.095	248556.28	0.0879	P	1.1
5	☐	625.000	645.887	619027.07	0.2182	P	1.0
6	☐	1250.000	1254.766	1203505.54	0.4239	P	0.4
7	☐	2500.000	2514.873	2396959.69	0.8496	A	0.5
8	☐	5000.000	4988.256	4908365.60	1.6851	A	1.1
9	☐			872.29	0.0003	P	13.8

$$y = 3.3782E-004 * x + 6.9676E-006$$

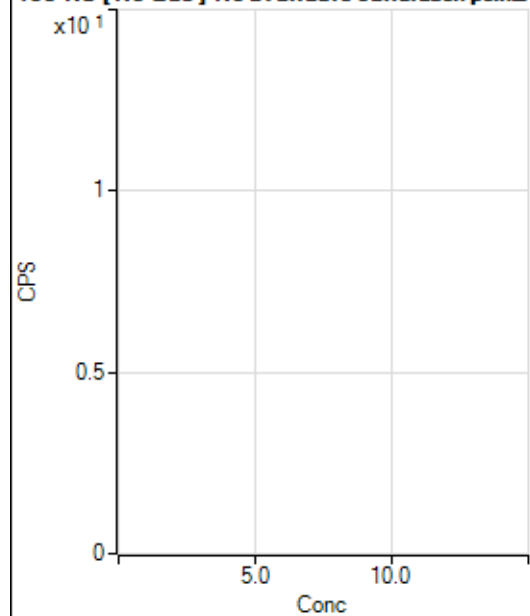
$$R = 1.0000$$

$$DL = 0.05524$$

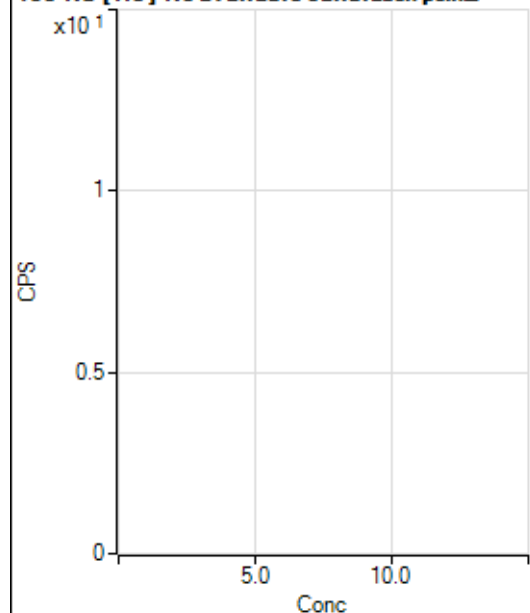
$$BEC = 0.02063$$

Weight: <None>

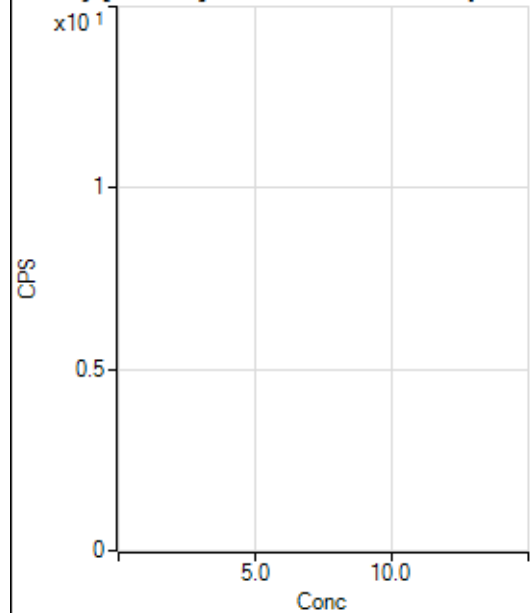
Min Conc: 0

150 Nd [No Gas] No available calibration points

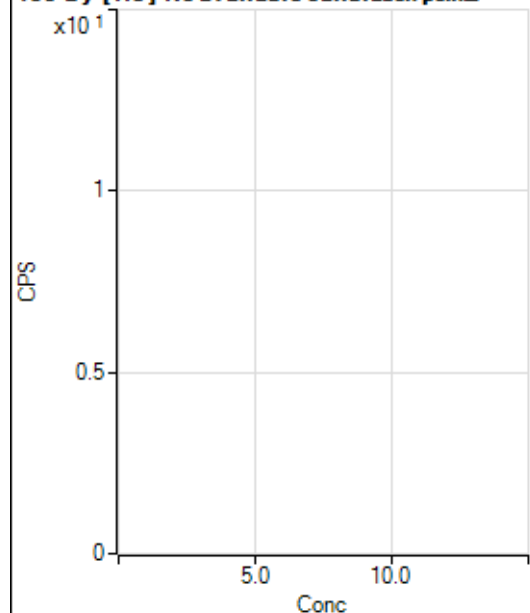
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			4.44		P	173.
4	☐			22.22		P	69.3
5	☐			17.78		P	21.7
6	☐			53.33		P	57.3
7	☐			142.23		P	24.1
8	☐			208.90		P	14.4
9	☐			24.45		P	68.6

150 Nd [He] No available calibration points

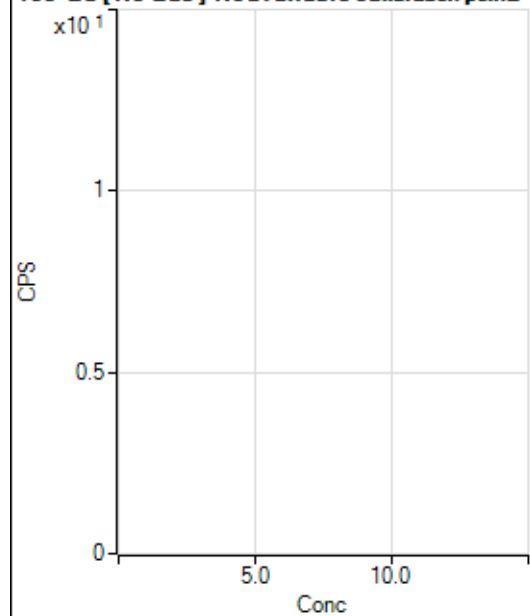
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			2.22		P	86.6
6	☐			4.44		P	43.4
7	☐			22.22		P	22.9
8	☐			30.00		P	19.2
9	☐			14.45		P	48.0

156 Dy [No Gas] No available calibration points

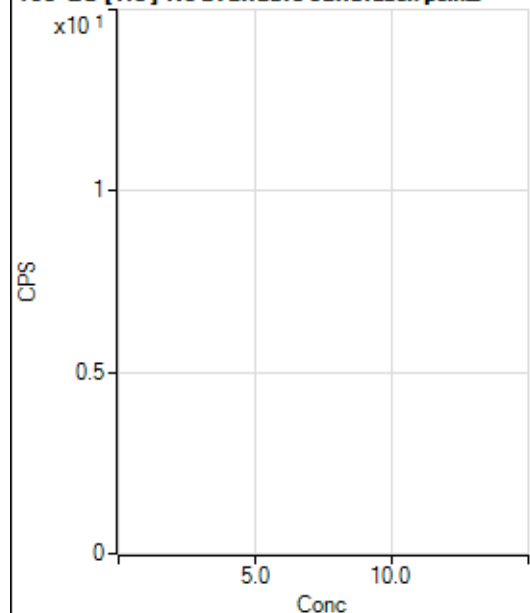
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			2.78		P	173.
4	☐			5.55		P	86.6
5	☐			11.11		P	114.
6	☐			16.67		P	86.6
7	☐			36.11		P	58.1
8	☐			55.56		P	37.8
9	☐			11.11		P	43.3

156 Dy [He] No available calibration points

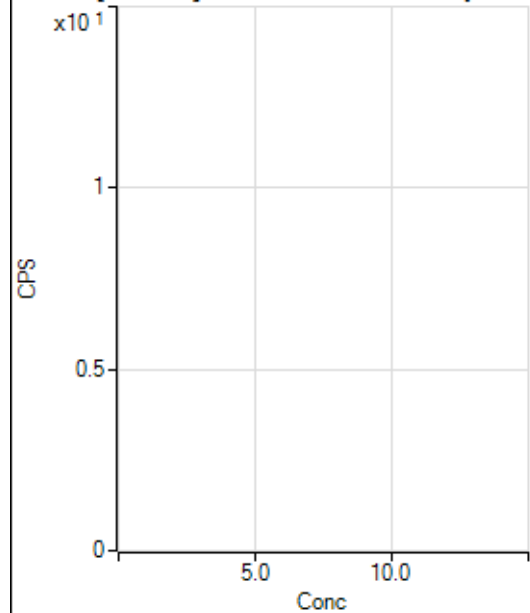
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐						
3	☐			2.22		P	173.
4	☐			2.22		P	86.6
5	☐			8.89		P	43.3
6	☐			21.11		P	39.7
7	☐			41.11		P	18.7
8	☐			67.78		P	18.6
9	☐			8.89		P	43.3

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

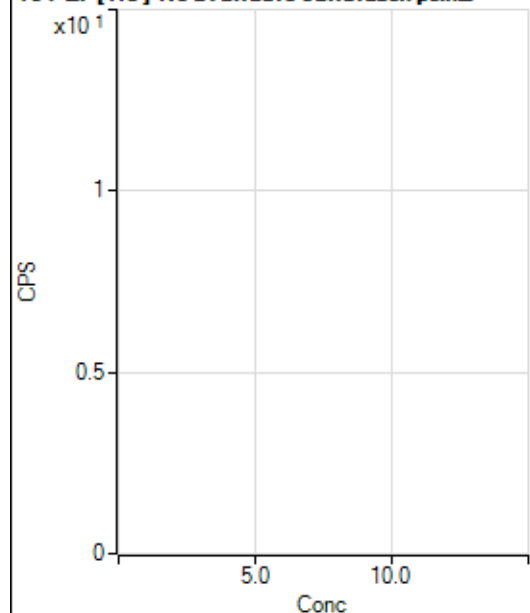
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	91.6
2	☐						
3	☐			16.67		P	50.0
4	☐			11.11		P	43.3
5	☐			8.33		P	100.
6	☐			19.44		P	49.5
7	☐			38.89		P	61.9
8	☐			22.22		P	78.1
9	☐			36.11		P	26.7

160 Gd [He] No available calibration points

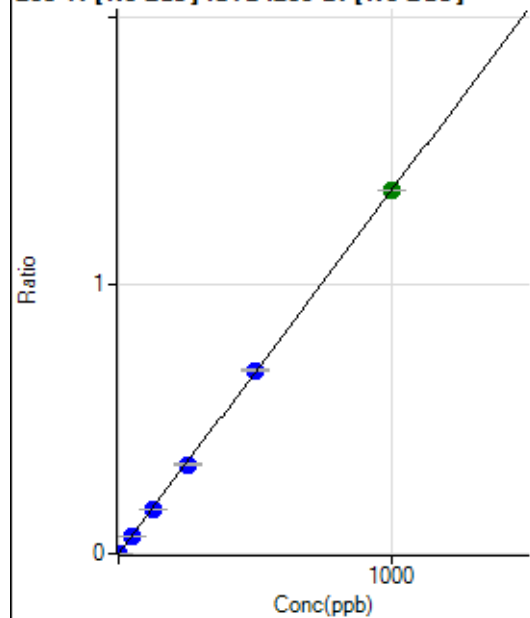
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			54.45		P	12.7
2	☐						
3	☐			42.22		P	4.6
4	☐			61.11		P	30.0
5	☐			47.78		P	39.7
6	☐			48.89		P	17.2
7	☐			63.33		P	19.0
8	☐			65.56		P	12.8
9	☐			44.45		P	43.9

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	100.
2	☐						
3	☐			8.33		P	0.0
4	☐			5.56		P	173.
5	☐			5.55		P	86.6
6	☐			8.33		P	100.
7	☐			16.66		P	86.6
8	☐			8.33		P	100.
9	☐			8.33		P	100.

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐						
3	☐			5.56		P	91.6
4	☐			5.56		P	91.6
5	☐			5.56		P	34.7
6	☐			3.33		P	100.
7	☐			13.33		P	75.0
8	☐			7.78		P	24.7
9	☐			8.89		P	57.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	69.44	0.0000	P	48.1
2	☐	0.100					
3	☐	1.000	0.894	1925.23	0.0013	P	5.1
4	☐	50.000	48.863	101706.65	0.0661	P	1.4
5	☐	125.000	124.121	255581.20	0.1677	P	0.5
6	☐	250.000	245.195	505849.09	0.3313	P	1.0
7	☐	500.000	503.784	1015541.61	0.6806	P	0.9
8	☐	1000.000	999.476	2001264.30	1.3503	A	0.1
9	☐			786.17	0.0006	P	12.3

$$y = 0.0014 * x + 4.4253E-005$$

$$R = 1.0000$$

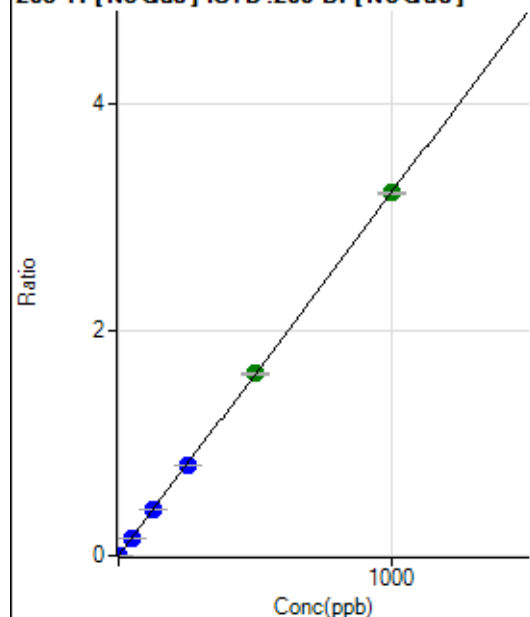
$$DL = 0.04728$$

$$BEC = 0.03276$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	202.79	0.0001	P	5.4
2	☐	0.100					
3	☐	1.000	0.912	4709.37	0.0031	P	3.7
4	☐	50.000	49.399	244714.08	0.1589	P	0.7
5	☐	125.000	125.438	614671.93	0.4034	P	0.5
6	☐	250.000	248.774	1221304.89	0.7998	P	0.9
7	☐	500.000	501.752	2406674.47	1.6130	A	1.4
8	☐	1000.000	999.406	4761834.09	3.2128	A	0.5
9	☐			1889.12	0.0015	P	9.8

$$y = 0.0032 * x + 1.2938E-004$$

$$R = 1.0000$$

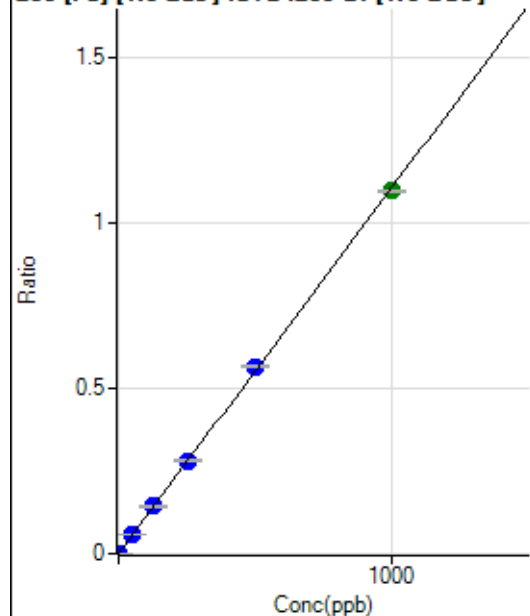
$$DL = 0.006524$$

$$BEC = 0.04025$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	59.26	0.0000	P	37.8
2	☐	0.100					
3	☐	1.000	0.951	1674.23	0.0011	P	6.3
4	☐	50.000	50.542	85993.71	0.0558	P	0.6
5	☐	125.000	129.119	217324.40	0.1426	P	0.5
6	☐	250.000	254.655	429439.02	0.2812	P	0.8
7	☐	500.000	511.415	842660.43	0.5648	P	0.7
8	☐	1000.000	992.587	1624548.03	1.0961	A	0.2
9	☐			1346.41	0.0011	P	6.8

$$y = 0.0011 * x + 3.7777E-005$$

$$R = 0.9999$$

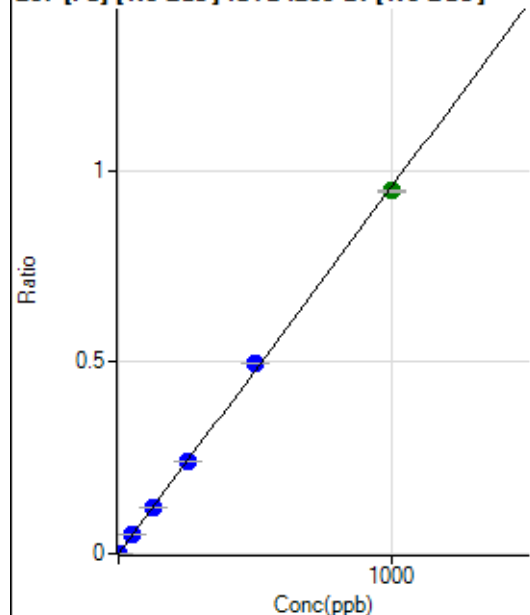
$$DL = 0.03877$$

$$BEC = 0.03421$$

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	53.70	0.0000	P	61.8
2	☐	0.100					
3	☐	1.000	0.888	1359.37	0.0009	P	3.4
4	☐	50.000	50.872	74983.47	0.0487	P	0.9
5	☐	125.000	126.857	184963.44	0.1214	P	0.7
6	☐	250.000	252.170	368385.47	0.2412	P	1.0
7	☐	500.000	519.537	741554.81	0.4970	P	0.7
8	☐	1000.000	989.414	1402780.47	0.9465	A	0.7
9	☐			1185.27	0.0009	P	3.6

$$y = 9.5656\text{E-}004 * x + 3.4191\text{E-}005$$

$$R = 0.9997$$

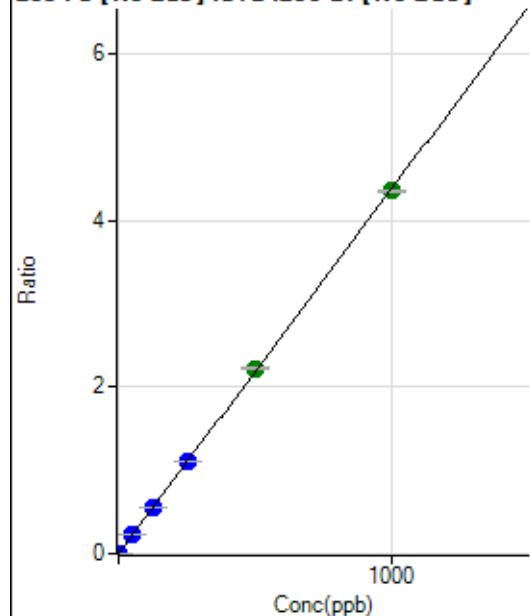
$$DL = 0.06623$$

$$BEC = 0.03574$$

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	253.71	0.0002	P	12.4
2	☐	0.100					
3	☐	1.000	0.901	6324.85	0.0041	P	0.9
4	☐	50.000	50.437	340585.71	0.2212	P	0.2
5	☐	125.000	127.287	850262.74	0.5580	P	0.4
6	☐	250.000	252.738	1691471.57	1.1077	P	0.6
7	☐	500.000	508.073	3322276.55	2.2267	A	0.7
8	☐	1000.000	994.972	6462562.95	4.3604	A	0.6
9	☐			5324.65	0.0042	P	2.8

$$y = 0.0044 * x + 1.6173\text{E-}004$$

$$R = 0.9999$$

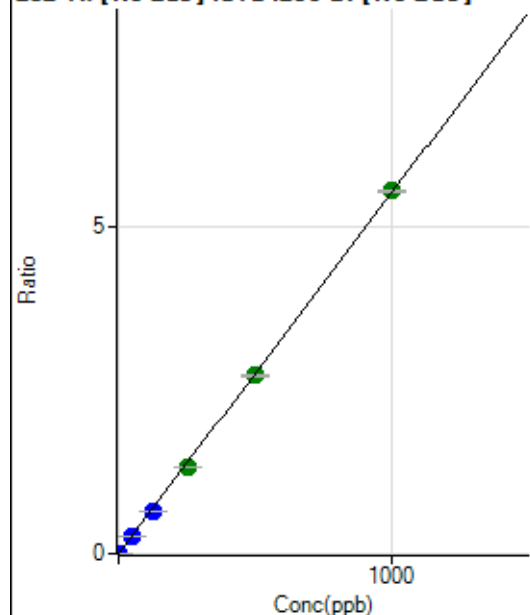
$$DL = 0.01377$$

$$BEC = 0.03691$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	18.52	0.0000	P	46.5
2	☐	0.100					
3	☐	1.000	0.811	6894.63	0.0045	P	1.5
4	☐	50.000	46.811	397336.61	0.2580	P	0.4
5	☐	125.000	119.437	1003279.93	0.6584	P	0.2
6	☐	250.000	239.351	2014518.53	1.3194	A	1.5
7	☐	500.000	494.233	4064949.05	2.7243	A	0.6
8	☐	1000.000	1006.401	8222138.38	5.5475	A	0.6
9	☐			1866.86	0.0015	P	16.1

$$y = 0.0055 * x + 1.1840E-005$$

$$R = 0.9999$$

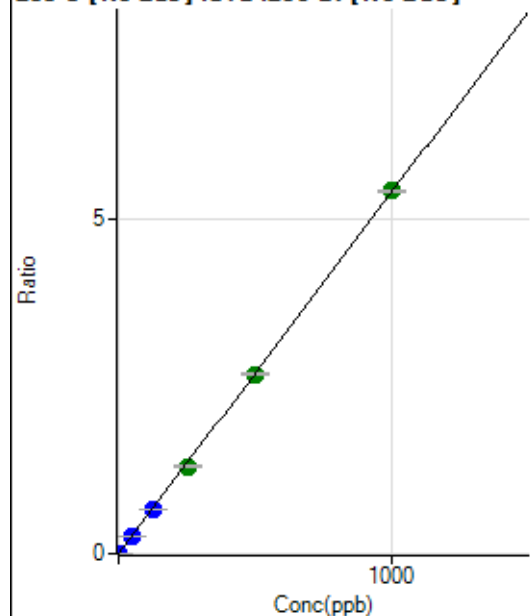
$$DL = 0.002999$$

$$BEC = 0.002148$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	38.89	0.0000	P	43.9
2	☐	0.100					
3	☐	1.000	0.882	7349.65	0.0048	P	1.4
4	☐	50.000	47.664	395726.60	0.2570	P	1.2
5	☐	125.000	122.037	1002631.42	0.6580	P	0.8
6	☐	250.000	240.392	1978900.89	1.2961	A	1.6
7	☐	500.000	497.362	4000879.95	2.6815	A	0.5
8	☐	1000.000	1004.208	8024168.58	5.4140	A	0.7
9	☐			819.51	0.0006	P	4.6

$$y = 0.0054 * x + 2.4755E-005$$

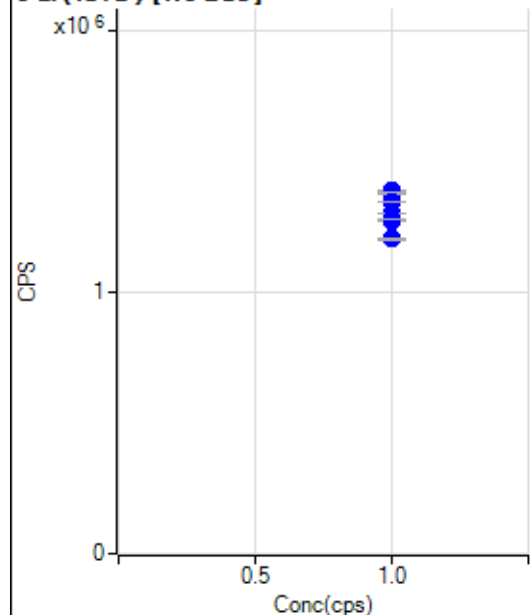
$$R = 0.9999$$

$$DL = 0.006042$$

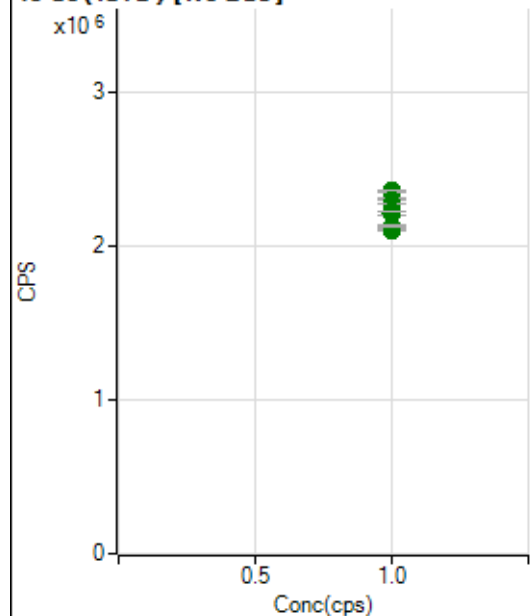
$$BEC = 0.004592$$

Weight: <None>

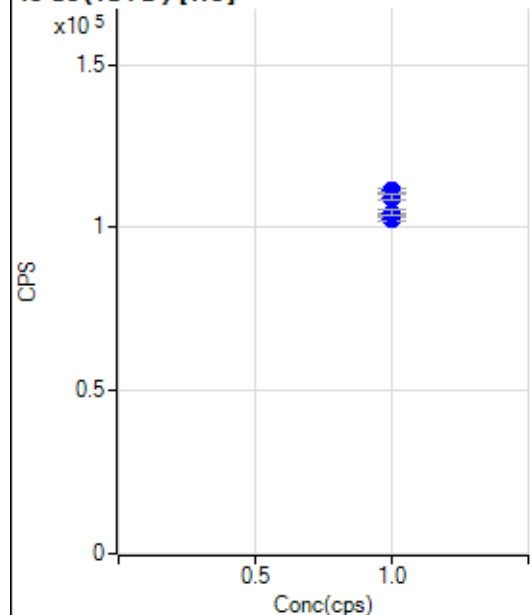
Min Conc: 0

6 Li (ISTD) [No Gas]

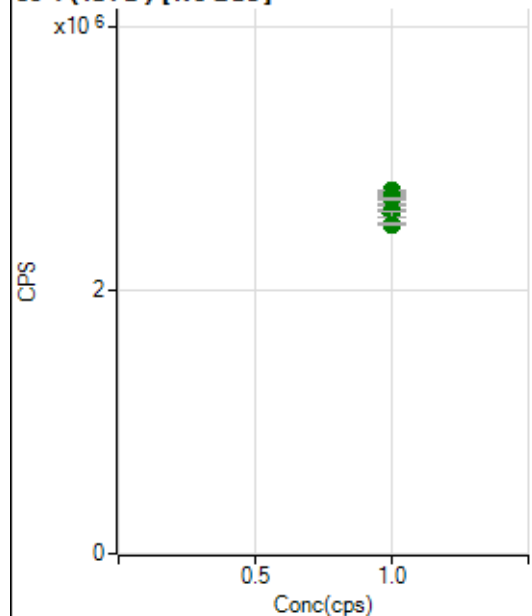
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1385272.66		P	0.7
2	☐	1.000					
3	☐	1.000		1380709.45		P	0.5
4	☐	1.000		1376124.29		P	0.1
5	☐	1.000		1344999.23		P	0.1
6	☐	1.000		1300251.73		P	0.4
7	☐	1.000		1273637.42		P	0.5
8	☐	1.000		1277510.67		P	0.1
9	☐	1.000		1200581.07		P	1.0

45 Sc (ISTD) [No Gas]

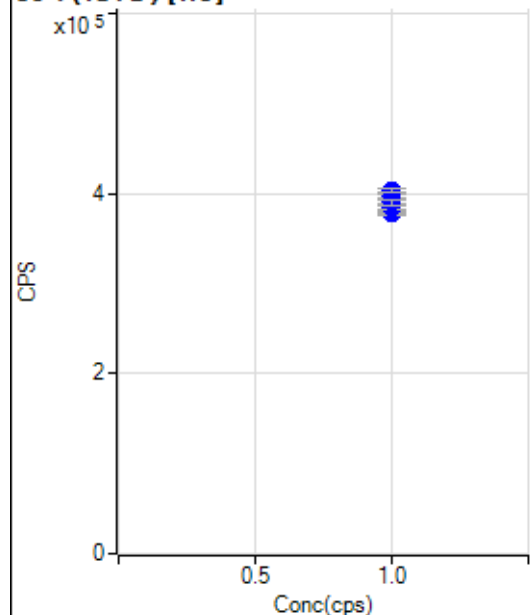
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2359510.60		A	0.5
2	☐	1.000					
3	☐	1.000		2305536.60		A	0.7
4	☐	1.000		2275949.70		A	0.1
5	☐	1.000		2209826.07		A	1.2
6	☐	1.000		2120780.28		A	0.6
7	☐	1.000		2106870.88		A	1.1
8	☐	1.000		2223881.58		A	0.1
9	☐	1.000		2128869.21		A	0.6

45 Sc (ISTD) [He]

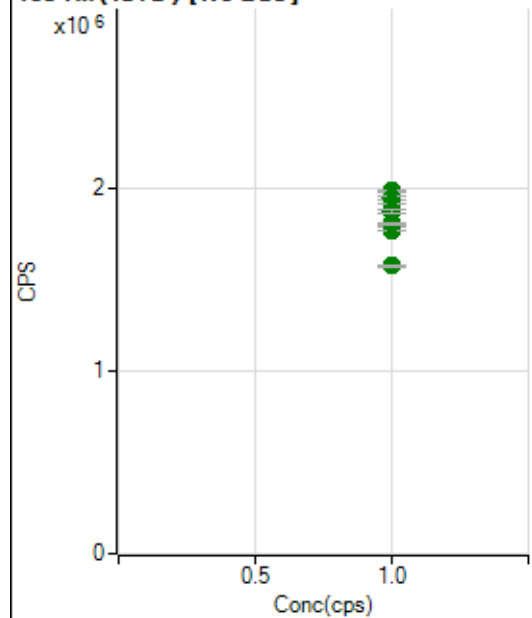
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		111297.54		P	1.2
2	☐	1.000					
3	☐	1.000		110401.73		P	0.5
4	☐	1.000		110828.10		P	0.5
5	☐	1.000		103936.45		P	1.3
6	☐	1.000		102663.59		P	0.7
7	☐	1.000		104628.54		P	1.6
8	☐	1.000		110589.90		P	0.9
9	☐	1.000		109211.16		P	1.6

89 Y (ISTD) [No Gas]

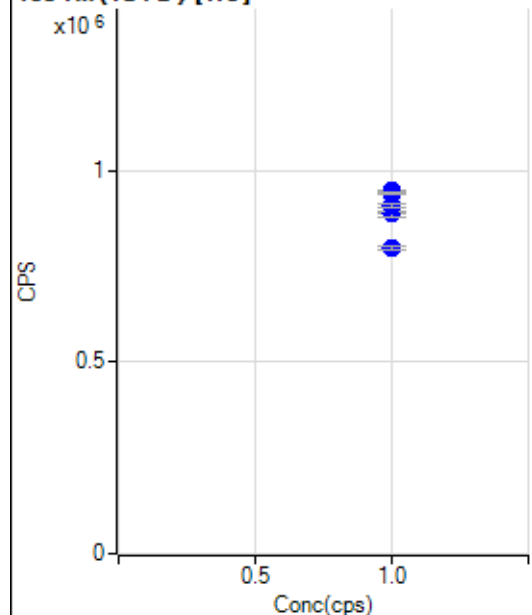
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2755123.68		A	0.5
2	☐	1.000					
3	☐	1.000		2722664.89		A	0.6
4	☐	1.000		2711271.77		A	0.2
5	☐	1.000		2651253.12		A	0.3
6	☐	1.000		2603351.42		A	0.5
7	☐	1.000		2577712.53		A	1.2
8	☐	1.000		2696376.97		A	0.3
9	☐	1.000		2500219.08		A	0.8

89 Y (ISTD) [He]

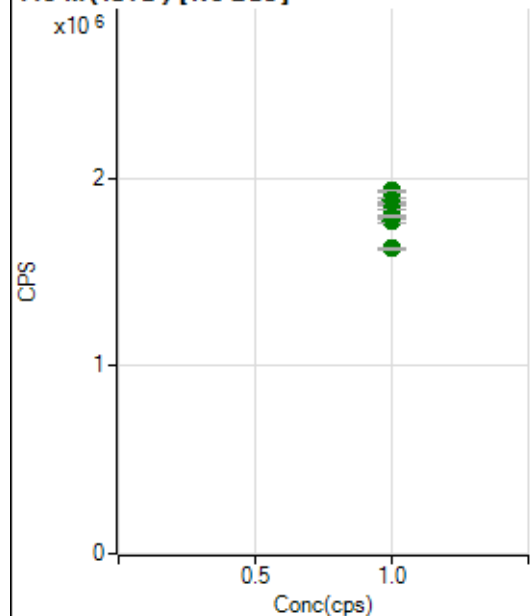
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		399992.67		P	0.6
2	☐	1.000					
3	☐	1.000		397429.02		P	0.7
4	☐	1.000		397163.62		P	0.8
5	☐	1.000		378822.64		P	1.0
6	☐	1.000		377313.46		P	0.9
7	☐	1.000		385382.03		P	1.7
8	☐	1.000		403134.40		P	1.1
9	☐	1.000		390445.65		P	1.6

103 Rh (ISTD) [No Gas]

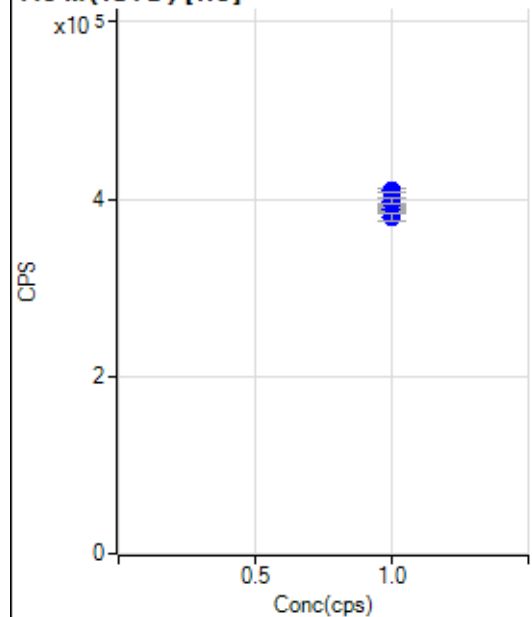
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1980967.53		A	0.2
2	☐	1.000					
3	☐	1.000		1942906.51		A	0.9
4	☐	1.000		1912321.20		A	0.2
5	☐	1.000		1870285.33		A	0.8
6	☐	1.000		1797613.00		A	1.0
7	☐	1.000		1764399.19		A	0.5
8	☐	1.000		1803300.47		A	0.7
9	☐	1.000		1573631.54		A	0.8

103 Rh (ISTD) [He]

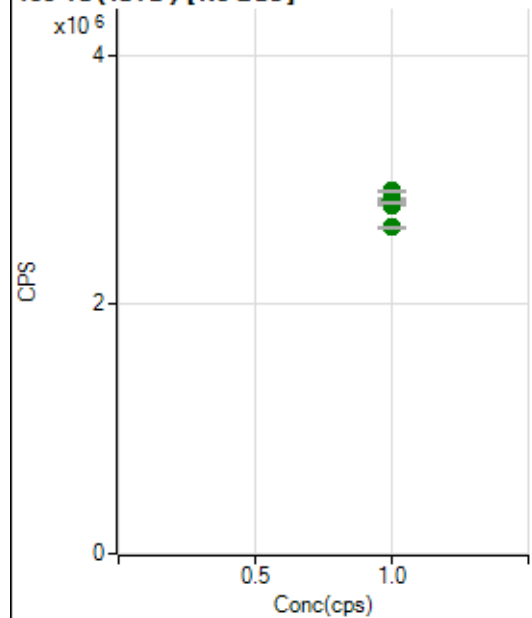
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		947146.17		P	0.3
2	☐	1.000					
3	☐	1.000		942260.16		P	1.1
4	☐	1.000		940550.15		P	0.6
5	☐	1.000		892262.39		P	0.9
6	☐	1.000		888825.20		P	0.5
7	☐	1.000		886897.15		P	1.5
8	☐	1.000		908539.96		P	0.8
9	☐	1.000		797721.36		P	1.3

115 In (ISTD) [No Gas]

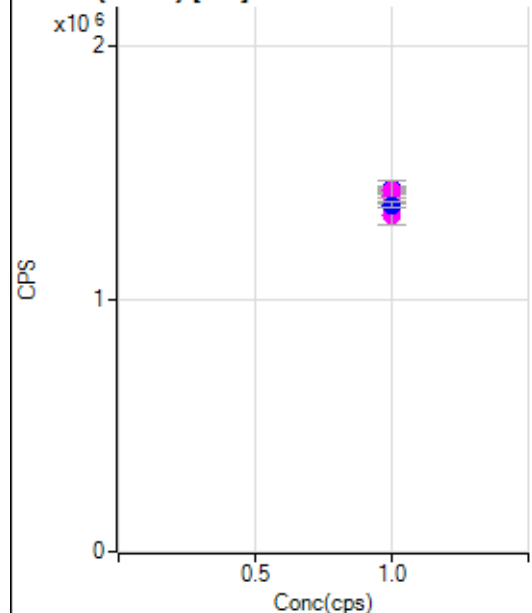
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1932743.99		A	0.3
2	☐	1.000					
3	☐	1.000		1882792.39		A	0.8
4	☐	1.000		1859334.54		A	0.2
5	☐	1.000		1829438.31		A	0.1
6	☐	1.000		1792526.79		A	1.0
7	☐	1.000		1768598.75		A	1.3
8	☐	1.000		1795873.29		A	0.6
9	☐	1.000		1624590.81		A	0.8

115 In (ISTD) [He]

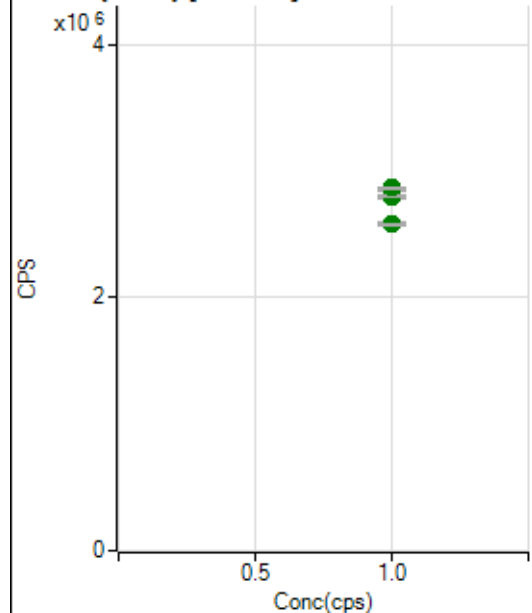
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		407816.39		P	0.2
2	☐	1.000					
3	☐	1.000		409100.03		P	1.1
4	☐	1.000		407579.73		P	0.4
5	☐	1.000		390704.50		P	1.0
6	☐	1.000		387647.63		P	0.8
7	☐	1.000		388292.35		P	1.4
8	☐	1.000		397715.16		P	1.3
9	☐	1.000		379503.62		P	1.8

159 Tb (ISTD) [No Gas]

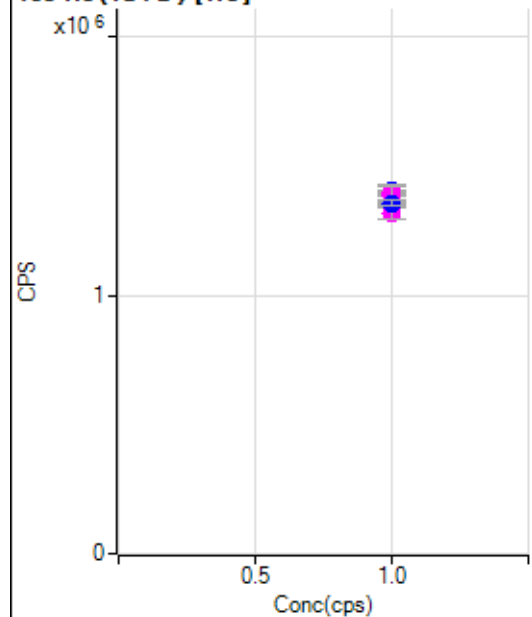
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2791537.91		A	0.2
2	☐	1.000					
3	☐	1.000		2838415.62		A	0.5
4	☐	1.000		2828629.64		A	0.3
5	☐	1.000		2837022.11		A	0.1
6	☐	1.000		2839301.97		A	1.0
7	☐	1.000		2821355.62		A	0.7
8	☐	1.000		2912754.30		A	0.3
9	☐	1.000		2619759.56		A	0.8

159 Tb (ISTD) [He]

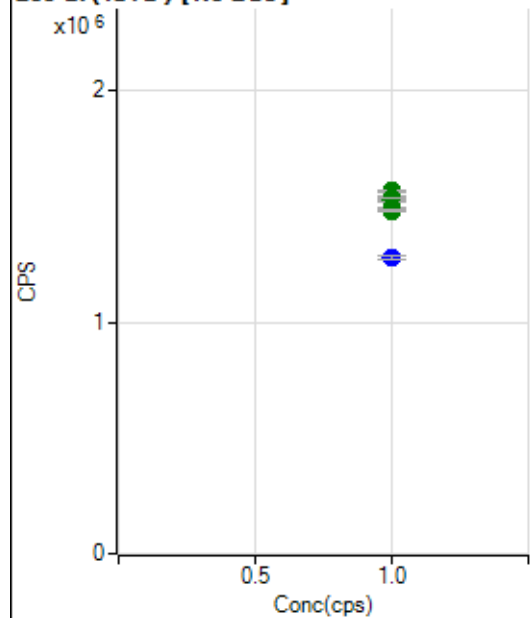
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1407009.87		M	3.9
2	☐	1.000					
3	☐	1.000		1424427.81		P	0.9
4	☐	1.000		1437410.48		P	1.2
5	☐	1.000		1330575.35		M	4.8
6	☐	1.000		1419773.10		P	0.4
7	☐	1.000		1402300.51		M	5.7
8	☐	1.000		1432478.90		M	4.8
9	☐	1.000		1372918.17		P	1.9

165 Ho (ISTD) [No Gas]

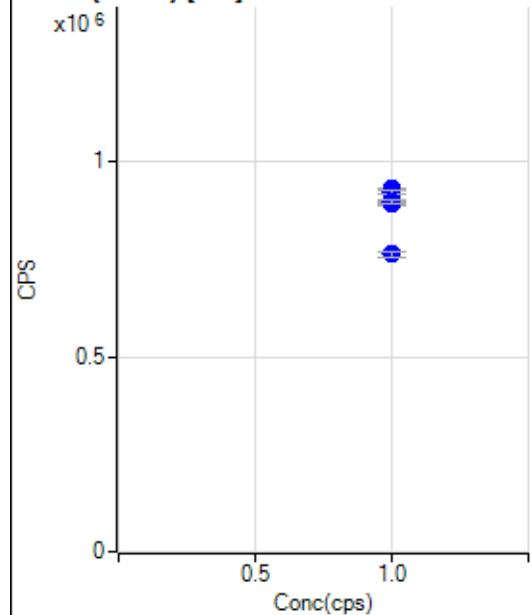
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2814705.86		A	1.5
2	☐	1.000					
3	☐	1.000		2581321.67		A	1.3
4	☐	1.000		2803209.52		A	0.5
5	☐	1.000		2789541.08		A	1.1
6	☐	1.000		2796837.00		A	1.1
7	☐	1.000		2808381.34		A	0.7
8	☐	1.000		2866246.24		A	0.6
9	☐	1.000		2580703.16		A	0.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1403091.49		P	0.7
2	☐	1.000					
3	☐	1.000		1389166.50		P	1.1
4	☐	1.000		1381849.39		M	3.8
5	☐	1.000		1315921.83		M	3.1
6	☐	1.000		1398590.78		P	1.1
7	☐	1.000		1395008.20		M	4.7
8	☐	1.000		1389223.28		M	5.0
9	☐	1.000		1355878.34		P	1.7

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1567784.56		A	0.8
2	☐	1.000					
3	☐	1.000		1538350.36		A	0.9
4	☐	1.000		1539789.86		A	0.3
5	☐	1.000		1523874.30		A	0.6
6	☐	1.000		1527052.83		A	1.2
7	☐	1.000		1492100.64		A	0.8
8	☐	1.000		1482141.37		A	0.5
9	☐	1.000		1277932.59		P	1.3

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		931009.26		P	0.8
2	☐	1.000					
3	☐	1.000		922125.77		P	1.3
4	☐	1.000		920553.58		P	1.1
5	☐	1.000		894108.40		P	0.2
6	☐	1.000		900124.22		P	0.6
7	☐	1.000		896793.67		P	1.4
8	☐	1.000		899345.05		P	1.1
9	☐	1.000		763613.12		P	1.6

US EPA Tune Check Sample Report

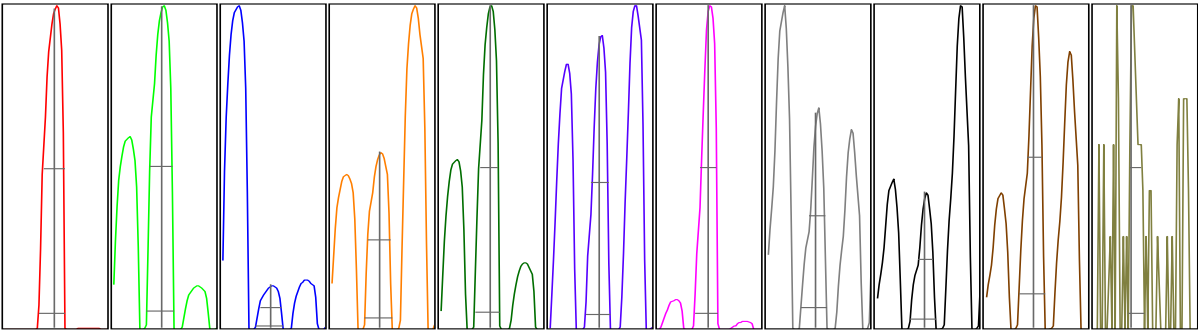
Batch Folder D:\ICP-MS Data\P7071919-MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	5472	0.40	5.00	
24	49412	0.24	5.00	
25	6616	0.41	5.00	
26	7501	0.54	5.00	
59	24523	0.25	5.00	
113	2333	0.40	5.00	
115	28247	0.85	5.00	
206	6382	0.42	5.00	
207	5991	1.05	5.00	
208	13998	0.67	5.00	
220	0	46.57		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	5466	5470	5456	5457	5509
24	49506	49553	49283	49313	49405
25	6592	6640	6615	6588	6647
26	7512	7533	7485	7439	7537
59	24482	24624	24489	24541	24476
113	2334	2343	2329	2321	2342
115	28561	28447	28063	28040	28126
206	6399	6338	6379	6385	6407
207	5930	5930	6019	5999	6079
208	13884	13939	14001	14041	14126
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	9402	9.00	8.9 - 9.1		0.763	0.900	
24	82131	23.95	23.9 - 24.1		0.784	0.900	
25	11043	24.95	24.9 - 25.1		0.785	0.900	
26	12659	25.95	25.9 - 26.1		0.782	0.900	
59	45449	59.00	58.9 - 59.1		0.733	0.900	
113	4971	113.00	112.9 - 113.1		0.715	0.900	
115	60484	115.00	114.9 - 115.1		0.677	0.900	
206	13666	205.95	205.9 - 206.1		0.739	0.900	
207	12665	206.95	206.9 - 207.1		0.727	0.900	
208	30087	207.95	207.9 - 208.1		0.735	0.900	
220	0	219.65	-		0.440		

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	8.4	V	Deflect	13.8	V
Extract 2	-140.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-65	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	5984	0.76	
89	8821	1.09	
205	5323	0.86	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	6053	5998	5975	5960	5933
89	8950	8890	8734	8799	8733
205	5361	5336	5280	5369	5270

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	8.1	V	Deflect	2.0	V
Extract 2	-145.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-70	V	Cell Exit	-60	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination		5.0 V
He Flow	4.1	mL/min	OctP RF	190	V			

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 12:54:31 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.13	-0.26	0.13	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.02	0.02	0.00	0.00	N/A	ppb
Barium	135-1	-0.02	0.02	0.00	0.00	N/A	ppb
Barium	137-1	0.01	-0.02	0.01	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.00	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.17	-0.15	-0.02	0.00	N/A	ppb
Boron	11-1	0.04	0.03	-0.07	0.00	N/A	ppb
Cadmium	111-1	0.03	-0.18	0.16	0.00	N/A	ppb
Cadmium	106-1	0.23	-2.21	1.98	0.00	N/A	ppb
Cadmium	108-1	-0.13	0.16	-0.03	0.00	N/A	ppb
Calcium	43-1	1.04	0.46	-1.50	0.00	N/A	ppb
Calcium	44-1	0.34	-1.21	0.87	0.00	N/A	ppb
Chromium	52-2	0.00	-0.01	0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.01	-0.01	0.00	N/A	ppb
Copper	63-2	0.03	0.00	-0.03	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	0.09	-0.01	-0.07	0.00	N/A	ppb
Iron	57-2	-1.29	-0.15	1.43	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.01	-0.01	0.00	N/A	ppb
Lead	207-1	0.02	-0.02	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	-0.08	0.00	0.08	0.00	N/A	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 12:54:31	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.02	-0.02	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	96-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.02	0.03	0.00	N/A	ppb
Phosphorus	31-2	-29.18	-23.95	-45.67	-32.93		ppb
Potassium	39-2	-4.25	1.82	2.44	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	-0.19	0.41	-0.21	0.00	N/A	ppb
Selenium	82-1	0.03	0.44	-0.48	0.00	N/A	ppb
Silicon	28-1	0.07	-0.43	0.36	0.00	N/A	ppb
Silver	109-1	0.01	-0.01	0.00	0.00	N/A	ppb
Silver	107-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Sodium	23-2	0.12	0.68	-0.81	0.00	N/A	ppb
Strontium	86-1	-0.02	0.08	-0.06	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-19.06	-77.42	62.02	-11.49		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.01	-0.02	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	0.08	-0.07	0.00	N/A	ppb
Titanium	47-1	0.01	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 :	LB104111	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 12:54:31	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.01	0.12	-0.12	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00	N/A	ppb
Zirconium	91-1	0.01	0.01	-0.02	0.00	N/A	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 13:02:22 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.88	18.07	22.95	18.97	19.09	ppb
Antimony	121-1	2.01	1.99	1.98	1.99	0.77	ppb
Arsenic	75-2	1.10	0.99	1.17	1.09	8.13	ppb
Barium	135-1	10.31	10.19	9.46	9.99	4.58	ppb
Barium	137-1	10.24	10.24	10.35	10.28	0.62	ppb
Beryllium	9-1	0.99	0.97	1.03	1.00	2.88	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	22.63	23.68	24.69	23.67	4.36	ppb
Boron	11-1	24.29	23.74	23.43	23.82	1.83	ppb
Cadmium	111-1	0.83	0.85	0.97	0.88	8.65	ppb
Cadmium	106-1	1.04	-1.62	1.85	0.42	428.41	ppb
Cadmium	108-1	1.17	0.34	0.81	0.77	54.52	ppb
Calcium	43-1	490.44	465.16	493.59	483.06	3.23	ppb
Calcium	44-1	483.13	485.85	470.34	479.78	1.73	ppb
Chromium	52-2	1.94	2.12	1.91	1.99	5.58	ppb
Cobalt	59-2	1.11	1.04	1.05	1.07	3.32	ppb
Copper	63-2	2.09	2.20	2.20	2.16	3.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				100		%
Iron	56-2	58.77	59.83	59.90	59.50	1.07	ppb
Iron	57-2	61.54	64.85	63.99	63.46	2.71	ppb
Krypton	83-1						cps
Lead	206-1	0.95	1.01	0.89	0.95	6.48	ppb
Lead	207-1	0.90	0.85	0.91	0.89	3.55	ppb
Lead	208-1	0.89	0.90	0.91	0.90	0.98	ppb
Lithium	6-1				100		%
Magnesium	24-2	538.34	546.13	546.53	543.67	0.85	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:02:22	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.98	1.05	1.09	1.04	5.54	ppb
Molybdenum	94-1	4.32	4.42	4.38	4.37	1.15	ppb
Molybdenum	95-1	4.69	4.85	4.83	4.79	1.77	ppb
Molybdenum	96-1	4.67	4.58	4.99	4.75	4.57	ppb
Molybdenum	97-1	4.79	4.49	4.59	4.62	3.30	ppb
Molybdenum	98-1	4.82	4.79	4.87	4.83	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	1.23	0.98	1.07	12.95	ppb
Phosphorus	31-2	29.18	25.36	44.25	32.93	30.33	ppb
Potassium	39-2	511.32	506.97	513.53	510.60	0.65	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	77-2	2.44	2.44	7.23	4.04	68.47	ppb
Selenium	78-2	5.63	5.83	6.77	6.08	9.96	ppb
Selenium	82-1	5.29	4.24	4.35	4.63	12.43	ppb
Silicon	28-1	10.67	10.05	10.16	10.29	3.22	ppb
Silver	109-1	1.06	1.08	1.11	1.08	2.34	ppb
Silver	107-1	1.05	1.02	1.06	1.04	2.26	ppb
Sodium	23-2	528.19	524.79	530.74	527.91	0.57	ppb
Strontium	86-1	0.97	0.77	0.98	0.90	13.38	ppb
Strontium	88-1	0.98	1.04	0.94	0.99	4.82	ppb
Sulfur	34-1	176.69	-153.44	11.21	11.49	1436.80	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.84	0.92	0.92	0.89	5.26	ppb
Thallium	205-1	0.90	0.88	0.95	0.91	3.88	ppb
Thorium	232-1	0.82	0.80	0.81	0.81	1.54	ppb
Tin	118-1	4.95	5.17	5.38	5.16	4.12	ppb
Titanium	47-1	4.88	5.08	5.44	5.14	5.50	ppb
Uranium	238-1	0.87	0.89	0.89	0.88	1.36	ppb
Vanadium	51-2	5.46	5.50	5.15	5.37	3.57	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:02:22	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.26	1.92	2.09	2.09	8.12	ppb
Zirconium	90-1	0.89	0.79	0.92	0.87	7.62	ppb
Zirconium	91-1	0.86	0.79	0.73	0.80	8.19	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 13:06:27 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1070.23	1052.24	1060.05	1060.84	0.85	ppb
Antimony	121-1	52.28	53.19	53.38	52.95	1.11	ppb
Arsenic	75-2	52.15	51.52	51.57	51.75	0.68	ppb
Barium	135-1	262.07	263.13	260.80	262.00	0.44	ppb
Barium	137-1	263.28	258.34	258.67	260.10	1.06	ppb
Beryllium	9-1	53.83	52.40	52.94	53.06	1.37	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	49.08	49.29	53.26	50.55	4.66	ppb
Boron	11-1	50.80	50.74	51.25	50.93	0.54	ppb
Cadmium	111-1	52.27	52.54	51.51	52.11	1.03	ppb
Cadmium	106-1	43.75	52.49	53.81	50.02	10.93	ppb
Cadmium	108-1	56.54	56.59	53.14	55.42	3.57	ppb
Calcium	43-1	5072.96	5179.80	5046.34	5099.70	1.39	ppb
Calcium	44-1	5083.76	5047.13	5035.91	5055.60	0.49	ppb
Chromium	52-2	52.09	52.03	52.69	52.27	0.69	ppb
Cobalt	59-2	53.04	52.99	52.37	52.80	0.71	ppb
Copper	63-2	107.21	106.74	107.08	107.01	0.23	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				100		%
Iron	56-2	2661.34	2684.57	2649.59	2665.17	0.67	ppb
Iron	57-2	2741.15	2747.60	2767.39	2752.05	0.50	ppb
Krypton	83-1						cps
Lead	206-1	50.25	50.83	50.55	50.54	0.57	ppb
Lead	207-1	50.93	51.29	50.39	50.87	0.89	ppb
Lead	208-1	50.54	50.40	50.37	50.44	0.19	ppb
Lithium	6-1				99		%
Magnesium	24-2	5309.73	5427.97	5439.17	5392.29	1.33	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:06:27	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	104.65	103.50	105.15	104.43	0.81	ppb
Molybdenum	94-1	255.82	255.54	252.53	254.63	0.72	ppb
Molybdenum	95-1	259.18	259.16	253.50	257.28	1.27	ppb
Molybdenum	96-1	259.74	256.98	258.89	258.53	0.55	ppb
Molybdenum	97-1	255.61	258.34	252.94	255.63	1.06	ppb
Molybdenum	98-1	254.82	253.84	250.26	252.97	0.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.94	51.72	52.53	52.40	1.19	ppb
Phosphorus	31-2	962.58	929.58	972.46	954.88	2.35	ppb
Potassium	39-2	2566.17	2576.93	2572.22	2571.77	0.21	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				100		%
Selenium	77-2	45.38	56.84	53.25	51.82	11.32	ppb
Selenium	78-2	55.79	55.20	48.65	53.21	7.45	ppb
Selenium	82-1	51.34	52.96	53.43	52.57	2.08	ppb
Silicon	28-1	54.62	54.65	54.57	54.61	0.08	ppb
Silver	109-1	53.91	54.71	53.95	54.19	0.84	ppb
Silver	107-1	53.98	55.18	53.93	54.36	1.31	ppb
Sodium	23-2	5350.47	5407.48	5378.84	5378.93	0.53	ppb
Strontium	86-1	51.93	50.86	50.62	51.14	1.36	ppb
Strontium	88-1	51.71	52.05	51.52	51.76	0.52	ppb
Sulfur	34-1	1228.79	1238.20	938.95	1135.31	14.98	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	48.26	48.70	49.63	48.86	1.43	ppb
Thallium	205-1	49.40	49.73	49.06	49.40	0.68	ppb
Thorium	232-1	46.94	46.91	46.59	46.81	0.41	ppb
Tin	118-1	52.62	52.74	52.43	52.60	0.30	ppb
Titanium	47-1	254.13	255.67	255.89	255.23	0.38	ppb
Uranium	238-1	48.29	47.23	47.47	47.66	1.16	ppb
Vanadium	51-2	50.05	51.14	50.98	50.72	1.16	ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:06:27	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	99.83	99.22	103.58	100.87	2.34	ppb
Zirconium	90-1	49.95	50.35	49.12	49.80	1.26	ppb
Zirconium	91-1	53.05	51.86	52.50	52.47	1.13	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 13:10:31 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2628.45	2747.86	2674.09	2683.46	2.25	ppb
Antimony	121-1	131.07	131.13	131.02	131.08	0.04	ppb
Arsenic	75-2	127.97	135.17	130.23	131.12	2.81	ppb
Barium	135-1	669.04	651.09	649.94	656.69	1.63	ppb
Barium	137-1	653.01	645.10	639.54	645.89	1.05	ppb
Beryllium	9-1	132.15	132.14	130.40	131.56	0.77	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	126.08	125.98	124.68	125.58	0.62	ppb
Boron	11-1	126.48	124.02	126.86	125.79	1.22	ppb
Cadmium	111-1	127.58	128.76	129.20	128.51	0.65	ppb
Cadmium	106-1	132.06	125.69	130.00	129.25	2.52	ppb
Cadmium	108-1	132.91	127.47	136.00	132.13	3.27	ppb
Calcium	43-1	12671.60	12921.34	12803.20	12798.71	0.98	ppb
Calcium	44-1	12420.03	12449.97	12431.44	12433.81	0.12	ppb
Chromium	52-2	131.09	136.34	135.66	134.36	2.12	ppb
Cobalt	59-2	133.14	137.13	135.66	135.31	1.49	ppb
Copper	63-2	267.41	274.90	274.63	272.31	1.56	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				99		%
Holmium	165-2				94		%
Indium	115-1				95		%
Indium	115-2				96		%
Iron	56-2	6730.07	6869.26	6862.73	6820.69	1.15	ppb
Iron	57-2	6910.41	7129.02	7100.61	7046.68	1.69	ppb
Krypton	83-1						cps
Lead	206-1	129.80	128.56	129.00	129.12	0.49	ppb
Lead	207-1	127.83	126.09	126.65	126.86	0.70	ppb
Lead	208-1	127.22	126.81	127.83	127.29	0.40	ppb
Lithium	6-1				97		%
Magnesium	24-2	13145.15	13641.14	13566.67	13450.99	1.99	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:10:31	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	259.05	269.88	268.65	265.86	2.23	ppb
Molybdenum	94-1	645.45	640.85	629.26	638.52	1.31	ppb
Molybdenum	95-1	647.39	635.90	646.25	643.18	0.98	ppb
Molybdenum	96-1	647.20	637.67	639.43	641.43	0.79	ppb
Molybdenum	97-1	649.49	639.24	639.19	642.64	0.92	ppb
Molybdenum	98-1	629.63	634.39	632.28	632.10	0.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.47	137.11	135.77	135.12	1.77	ppb
Phosphorus	31-2	2534.22	2864.09	2697.09	2698.46	6.11	ppb
Potassium	39-2	6368.96	6704.39	6529.67	6534.34	2.57	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	77-2	129.89	132.66	140.18	134.24	3.96	ppb
Selenium	78-2	122.93	137.61	128.24	129.59	5.74	ppb
Selenium	82-1	130.93	129.09	130.96	130.33	0.82	ppb
Silicon	28-1	132.04	135.19	134.39	133.87	1.22	ppb
Silver	109-1	133.19	131.69	131.61	132.16	0.67	ppb
Silver	107-1	133.29	133.12	132.27	132.90	0.41	ppb
Sodium	23-2	13188.36	13511.64	13317.49	13339.16	1.22	ppb
Strontium	86-1	126.08	128.00	130.14	128.07	1.59	ppb
Strontium	88-1	129.58	129.34	127.60	128.84	0.84	ppb
Sulfur	34-1	2741.15	2899.72	2770.10	2803.66	3.01	ppb
Terbium	159-1				102		%
Terbium	159-2				95		%
Thallium	203-1	124.86	123.58	123.92	124.12	0.54	ppb
Thallium	205-1	125.52	126.03	124.77	125.44	0.51	ppb
Thorium	232-1	119.56	119.12	119.63	119.44	0.23	ppb
Tin	118-1	131.76	128.98	128.72	129.82	1.30	ppb
Titanium	47-1	633.30	634.44	632.74	633.49	0.14	ppb
Uranium	238-1	122.39	120.88	122.84	122.04	0.84	ppb
Vanadium	51-2	128.74	132.14	131.49	130.79	1.38	ppb
Yttrium	89-1				96		%
Yttrium	89-2				95		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:10:31	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	264.20	266.83	268.51	266.51	0.81	ppb
Zirconium	90-1	125.93	126.19	124.63	125.59	0.66	ppb
Zirconium	91-1	127.69	131.40	132.68	130.59	1.99	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:14:27	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5117.33	5038.30	5118.35	5091.33	0.90	ppb
Antimony	121-1	258.20	259.26	253.06	256.84	1.29	ppb
Arsenic	75-2	256.58	255.44	254.19	255.40	0.47	ppb
Barium	135-1	1270.05	1283.10	1259.80	1270.98	0.92	ppb
Barium	137-1	1258.39	1257.51	1248.40	1254.77	0.44	ppb
Beryllium	9-1	254.34	254.98	250.42	253.24	0.98	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Boron	10-1	250.80	250.06	245.38	248.75	1.18	ppb
Boron	11-1	246.93	248.73	249.98	248.55	0.62	ppb
Cadmium	111-1	251.66	251.66	245.07	249.46	1.52	ppb
Cadmium	106-1	248.69	253.75	243.15	248.53	2.13	ppb
Cadmium	108-1	249.24	260.12	257.73	255.70	2.24	ppb
Calcium	43-1	25288.49	25226.81	24743.43	25086.25	1.19	ppb
Calcium	44-1	24703.56	24871.62	24262.60	24612.59	1.28	ppb
Chromium	52-2	256.88	256.05	255.66	256.20	0.24	ppb
Cobalt	59-2	260.02	257.29	257.30	258.20	0.61	ppb
Copper	63-2	522.72	518.14	522.04	520.97	0.47	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				100		%
Indium	115-1				93		%
Indium	115-2				95		%
Iron	56-2	13283.64	13046.36	13166.64	13165.55	0.90	ppb
Iron	57-2	13763.39	13493.86	13753.34	13670.20	1.12	ppb
Krypton	83-1						cps
Lead	206-1	255.72	255.83	252.41	254.65	0.76	ppb
Lead	207-1	251.16	254.92	250.43	252.17	0.96	ppb
Lead	208-1	252.71	254.39	251.12	252.74	0.65	ppb
Lithium	6-1				94		%
Magnesium	24-2	26164.62	25743.43	25890.66	25932.91	0.82	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 13:14:27 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	514.99	507.51	513.80	512.10	0.79	ppb
Molybdenum	94-1	1258.99	1249.44	1232.17	1246.87	1.09	ppb
Molybdenum	95-1	1248.15	1248.73	1220.69	1239.19	1.29	ppb
Molybdenum	96-1	1245.41	1248.42	1217.87	1237.23	1.36	ppb
Molybdenum	97-1	1239.17	1232.13	1207.31	1226.20	1.37	ppb
Molybdenum	98-1	1253.62	1244.57	1215.79	1237.99	1.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	259.43	257.93	257.35	258.24	0.42	ppb
Phosphorus	31-2	4913.55	4945.41	5110.49	4989.82	2.12	ppb
Potassium	39-2	12595.50	12258.32	12514.45	12456.09	1.41	ppb
Rhodium	103-1				91		%
Rhodium	103-2				94		%
Scandium	45-1				90		%
Scandium	45-2				92		%
Selenium	77-2	232.20	236.40	243.90	237.50	2.50	ppb
Selenium	78-2	248.67	257.30	259.70	255.22	2.27	ppb
Selenium	82-1	254.22	256.37	256.53	255.71	0.50	ppb
Silicon	28-1	260.21	263.88	258.41	260.84	1.07	ppb
Silver	109-1	253.84	255.61	246.85	252.10	1.84	ppb
Silver	107-1	255.81	258.17	247.75	253.91	2.15	ppb
Sodium	23-2	26091.56	25384.41	25702.51	25726.16	1.38	ppb
Strontium	86-1	254.00	249.18	251.65	251.61	0.96	ppb
Strontium	88-1	250.67	250.38	247.69	249.58	0.66	ppb
Sulfur	34-1	5025.73	4852.97	4663.76	4847.49	3.73	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	247.38	245.57	242.63	245.20	0.98	ppb
Thallium	205-1	250.93	249.07	246.32	248.77	0.93	ppb
Thorium	232-1	241.17	241.72	235.16	239.35	1.52	ppb
Tin	118-1	253.60	254.06	248.40	252.02	1.25	ppb
Titanium	47-1	1246.02	1249.36	1226.67	1240.68	0.99	ppb
Uranium	238-1	241.87	243.25	236.06	240.39	1.59	ppb
Vanadium	51-2	253.60	249.25	254.53	252.46	1.12	ppb
Yttrium	89-1				94		%
Yttrium	89-2				94		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:14:27	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	494.62	494.51	485.49	491.54	1.07	ppb
Zirconium	90-1	246.46	247.63	243.75	245.95	0.81	ppb
Zirconium	91-1	256.28	260.04	253.37	256.56	1.30	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:18:21	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10319.97	10282.32	10234.42	10278.90	0.42	ppb
Antimony	121-1	520.32	516.37	520.19	518.96	0.43	ppb
Arsenic	75-2	508.31	511.53	498.17	506.00	1.38	ppb
Barium	135-1	2559.58	2561.10	2579.55	2566.74	0.43	ppb
Barium	137-1	2520.64	2523.51	2500.47	2514.87	0.50	ppb
Beryllium	9-1	510.91	512.82	507.15	510.29	0.56	ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Boron	10-1	500.79	505.58	509.78	505.38	0.89	ppb
Boron	11-1	498.50	502.56	507.21	502.76	0.87	ppb
Cadmium	111-1	501.31	497.10	499.89	499.43	0.43	ppb
Cadmium	106-1	501.81	482.11	507.75	497.23	2.70	ppb
Cadmium	108-1	486.46	494.95	506.56	495.99	2.03	ppb
Calcium	43-1	51567.30	51255.71	51040.97	51287.99	0.52	ppb
Calcium	44-1	50770.27	49894.13	50166.74	50277.05	0.89	ppb
Chromium	52-2	518.26	518.33	513.09	516.56	0.58	ppb
Cobalt	59-2	522.00	515.73	514.15	517.29	0.80	ppb
Copper	63-2	1042.30	1045.41	1028.22	1038.64	0.88	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				92		%
Indium	115-2				95		%
Iron	56-2	26722.70	26384.57	26110.27	26405.84	1.16	ppb
Iron	57-2	27521.99	27504.10	27349.49	27458.53	0.35	ppb
Krypton	83-1						cps
Lead	206-1	510.89	508.20	515.16	511.41	0.69	ppb
Lead	207-1	520.29	515.69	522.63	519.54	0.68	ppb
Lead	208-1	509.18	503.89	511.15	508.07	0.74	ppb
Lithium	6-1				92		%
Magnesium	24-2	52574.34	51827.43	51908.12	52103.29	0.79	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:18:21	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1041.54	1040.95	1031.97	1038.15	0.52	ppb
Molybdenum	94-1	2569.22	2519.45	2515.80	2534.82	1.18	ppb
Molybdenum	95-1	2540.86	2518.41	2531.97	2530.41	0.45	ppb
Molybdenum	96-1	2562.84	2529.94	2517.87	2536.89	0.92	ppb
Molybdenum	97-1	2565.49	2515.97	2510.65	2530.70	1.20	ppb
Molybdenum	98-1	2545.83	2516.53	2516.53	2526.29	0.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	524.35	526.29	513.07	521.24	1.37	ppb
Phosphorus	31-2	9998.27	10036.76	10094.00	10043.01	0.48	ppb
Potassium	39-2	24917.55	24822.53	24654.53	24798.20	0.54	ppb
Rhodium	103-1				89		%
Rhodium	103-2				94		%
Scandium	45-1				89		%
Scandium	45-2				94		%
Selenium	77-2	479.60	497.96	530.95	502.84	5.18	ppb
Selenium	78-2	514.66	526.41	509.72	516.93	1.66	ppb
Selenium	82-1	517.16	506.57	515.17	512.97	1.10	ppb
Silicon	28-1	525.06	523.98	523.41	524.15	0.16	ppb
Silver	109-1	499.76	499.56	496.27	498.53	0.39	ppb
Silver	107-1	499.15	498.92	503.93	500.67	0.56	ppb
Sodium	23-2	52661.73	52023.99	51160.14	51948.62	1.45	ppb
Strontium	86-1	512.78	507.29	514.06	511.38	0.70	ppb
Strontium	88-1	508.61	504.56	505.02	506.06	0.44	ppb
Sulfur	34-1	10484.06	10104.12	10157.61	10248.59	2.01	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	500.29	502.40	508.66	503.78	0.86	ppb
Thallium	205-1	503.57	494.25	507.43	501.75	1.35	ppb
Thorium	232-1	492.74	492.42	497.54	494.23	0.58	ppb
Tin	118-1	512.03	508.21	510.38	510.21	0.38	ppb
Titanium	47-1	2550.98	2471.97	2478.49	2500.48	1.75	ppb
Uranium	238-1	498.77	494.28	499.04	497.36	0.54	ppb
Vanadium	51-2	516.58	512.51	509.35	512.81	0.71	ppb
Yttrium	89-1				94		%
Yttrium	89-2				96		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:18:21	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1045.20	1030.82	1023.82	1033.28	1.05	ppb
Zirconium	90-1	507.93	503.85	504.67	505.48	0.43	ppb
Zirconium	91-1	514.32	509.14	510.16	511.21	0.54	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 13:22:12 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19644.13	19484.63	19872.90	19667.22	0.99	ppb
Antimony	121-1	979.61	992.31	991.80	987.90	0.73	ppb
Arsenic	75-2	997.16	995.56	991.66	994.79	0.28	ppb
Barium	135-1	4925.02	4948.59	4996.85	4956.82	0.74	ppb
Barium	137-1	4931.23	4997.84	5035.70	4988.26	1.06	ppb
Beryllium	9-1	985.12	991.82	1002.27	993.07	0.87	ppb
Bismuth	209-1				95		%
Bismuth	209-2				97		%
Boron	10-1	972.99	991.70	1027.98	997.56	2.80	ppb
Boron	11-1	987.00	993.90	1015.71	998.87	1.50	ppb
Cadmium	111-1	994.04	1001.74	1003.84	999.87	0.52	ppb
Cadmium	106-1	986.10	1011.74	1005.83	1001.22	1.34	ppb
Cadmium	108-1	999.73	995.25	1003.27	999.42	0.40	ppb
Calcium	43-1	97680.73	97694.99	98129.68	97835.13	0.26	ppb
Calcium	44-1	98444.31	98628.22	98941.68	98671.41	0.25	ppb
Chromium	52-2	994.28	978.20	994.18	988.89	0.94	ppb
Cobalt	59-2	981.96	985.84	995.82	987.87	0.72	ppb
Copper	63-2	1988.20	1953.58	1975.12	1972.30	0.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				93		%
Indium	115-2				98		%
Iron	56-2	51267.60	50351.01	50633.58	50750.73	0.92	ppb
Iron	57-2	52396.76	52460.41	52889.82	52582.33	0.51	ppb
Krypton	83-1						cps
Lead	206-1	990.99	995.35	991.42	992.59	0.24	ppb
Lead	207-1	981.61	993.63	993.00	989.41	0.68	ppb
Lead	208-1	989.32	1000.35	995.24	994.97	0.55	ppb
Lithium	6-1				92		%
Magnesium	24-2	101063.75	98759.84	99723.65	99849.08	1.16	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:22:12	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1973.51	1957.14	1996.43	1975.69	1.00	ppb
Molybdenum	94-1	4982.10	4972.41	4989.84	4981.45	0.18	ppb
Molybdenum	95-1	4979.82	4959.74	5015.02	4984.86	0.56	ppb
Molybdenum	96-1	4946.63	5005.85	4994.32	4982.27	0.63	ppb
Molybdenum	97-1	4918.48	5022.71	5023.15	4988.11	1.21	ppb
Molybdenum	98-1	4954.00	4999.62	5012.83	4988.82	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	985.91	983.46	988.45	985.94	0.25	ppb
Phosphorus	31-2	20061.26	19419.12	20395.08	19958.49	2.49	ppb
Potassium	39-2	48759.00	47666.01	47765.72	48063.58	1.26	ppb
Rhodium	103-1				91		%
Rhodium	103-2				96		%
Scandium	45-1				94		%
Scandium	45-2				99		%
Selenium	77-2	1017.07	1032.65	951.67	1000.46	4.30	ppb
Selenium	78-2	995.88	1000.27	972.31	989.49	1.52	ppb
Selenium	82-1	984.17	988.53	1001.19	991.30	0.89	ppb
Silicon	28-1	974.39	985.05	992.17	983.87	0.91	ppb
Silver	109-1	998.48	996.76	1002.08	999.11	0.27	ppb
Silver	107-1	991.14	1002.45	998.86	997.48	0.58	ppb
Sodium	23-2	100245.03	98151.73	99739.43	99378.73	1.10	ppb
Strontium	86-1	990.75	996.34	993.32	993.47	0.28	ppb
Strontium	88-1	990.42	1000.76	998.33	996.51	0.54	ppb
Sulfur	34-1	19664.48	19903.97	20038.87	19869.11	0.95	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	998.53	999.41	1000.49	999.48	0.10	ppb
Thallium	205-1	996.01	997.62	1004.59	999.41	0.46	ppb
Thorium	232-1	1007.47	1011.36	1000.36	1006.40	0.55	ppb
Tin	118-1	983.72	996.94	1000.31	993.66	0.88	ppb
Titanium	47-1	4968.00	4993.30	5041.00	5000.77	0.74	ppb
Uranium	238-1	1003.51	1011.64	997.48	1004.21	0.71	ppb
Vanadium	51-2	999.92	985.83	990.90	992.22	0.72	ppb
Yttrium	89-1				98		%
Yttrium	89-2				101		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:22:12	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1977.20	1982.73	1990.18	1983.37	0.33	ppb
Zirconium	90-1	994.51	999.44	1000.68	998.21	0.33	ppb
Zirconium	91-1	994.18	995.03	986.59	991.93	0.47	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:26:02	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100178.10	101084.44	98824.18	100028.90	1.14	ppb
Antimony	121-1	1.51	1.50	1.64	1.55	4.97	ppb
Arsenic	75-2	1.61	1.66	1.10	1.45	21.34	ppb
Barium	135-1	1.10	0.85	0.93	0.96	13.23	ppb
Barium	137-1	1.05	1.03	0.81	0.97	14.06	ppb
Beryllium	9-1	0.19	0.18	0.15	0.17	11.51	ppb
Bismuth	209-1				82		%
Bismuth	209-2				82		%
Boron	10-1	58.45	51.68	50.54	53.55	7.98	ppb
Boron	11-1	57.28	54.51	50.83	54.21	5.97	ppb
Cadmium	111-1	0.00	0.15	0.29	0.15	99.47	ppb
Cadmium	106-1	-0.78	0.07	1.60	0.30	406.18	ppb
Cadmium	108-1	0.68	0.27	-0.03	0.31	114.68	ppb
Calcium	43-1	503495.05	498783.77	498595.41	500291.41	0.55	ppb
Calcium	44-1	502145.60	500498.18	498131.73	500258.50	0.40	ppb
Chromium	52-2	17.60	18.20	17.37	17.73	2.41	ppb
Cobalt	59-2	11.75	12.23	12.21	12.06	2.24	ppb
Copper	63-2	2.30	2.69	2.60	2.53	8.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				97		%
Indium	115-1				84		%
Indium	115-2				93		%
Iron	56-2	251117.95	251434.22	246428.05	249660.07	1.12	ppb
Iron	57-2	249849.63	249441.10	248179.47	249156.73	0.35	ppb
Krypton	83-1						cps
Lead	206-1	0.90	0.87	0.99	0.92	7.09	ppb
Lead	207-1	0.97	0.92	0.91	0.93	3.73	ppb
Lead	208-1	0.93	0.92	0.88	0.91	2.93	ppb
Lithium	6-1				87		%
Magnesium	24-2	501978.27	504341.67	492916.47	499745.47	1.21	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:26:02	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5.70	5.95	5.53	5.73	3.66	ppb
Molybdenum	94-1	3.16	3.10	3.03	3.10	2.07	ppb
Molybdenum	95-1	3.56	3.64	3.48	3.56	2.19	ppb
Molybdenum	96-1	5.26	5.18	4.92	5.12	3.53	ppb
Molybdenum	97-1	3.85	3.76	3.67	3.76	2.41	ppb
Molybdenum	98-1	3.65	3.51	3.34	3.50	4.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.42	18.87	18.81	19.03	1.76	ppb
Phosphorus	31-2	-34.81	0.68	-45.64	-26.59		ppb
Potassium	39-2	250744.86	251519.28	248941.30	250401.81	0.53	ppb
Rhodium	103-1				79		%
Rhodium	103-2				84		%
Scandium	45-1				90		%
Scandium	45-2				98		%
Selenium	77-2	1.25	1.24	1.21	1.24	1.57	ppb
Selenium	78-2	0.93	1.10	0.64	0.89	26.62	ppb
Selenium	82-1	1.25	0.64	0.67	0.85	40.06	ppb
Silicon	28-1	138.40	138.74	142.33	139.82	1.56	ppb
Silver	109-1	0.11	0.11	0.07	0.10	23.75	ppb
Silver	107-1	0.12	0.10	0.10	0.11	12.25	ppb
Sodium	23-2	501051.82	503787.74	494765.31	499868.29	0.93	ppb
Strontium	86-1	4.38	4.06	3.92	4.12	5.68	ppb
Strontium	88-1	4.38	4.31	4.47	4.39	1.79	ppb
Sulfur	34-1	-1365.10	-1331.91	-1302.76	-1333.25		ppb
Terbium	159-1				94		%
Terbium	159-2				98		%
Thallium	203-1	0.43	0.48	0.36	0.42	13.27	ppb
Thallium	205-1	0.46	0.43	0.37	0.42	10.71	ppb
Thorium	232-1	0.31	0.24	0.23	0.26	16.25	ppb
Tin	118-1	0.36	0.31	0.40	0.36	12.54	ppb
Titanium	47-1	1.10	1.43	1.53	1.35	16.68	ppb
Uranium	238-1	0.12	0.12	0.11	0.11	4.83	ppb
Vanadium	51-2	0.16	0.21	0.21	0.19	13.84	ppb
Yttrium	89-1				91		%
Yttrium	89-2				98		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:26:02	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	15.68	16.28	14.89	15.62	4.48	ppb
Zirconium	90-1	0.29	0.30	0.27	0.28	5.06	ppb
Zirconium	91-1	0.23	0.35	0.34	0.30	22.11	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 13:33:13 DataFile Name : 012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	457.94	477.36	505.41	480.23	4.97	ppb
Antimony	121-1	203.47	201.35	201.27	202.03	0.62	ppb
Arsenic	75-2	194.72	197.09	198.23	196.68	0.91	ppb
Barium	135-1	101.66	100.26	103.98	101.97	1.84	ppb
Barium	137-1	102.40	100.27	102.64	101.77	1.28	ppb
Beryllium	9-1	102.50	100.29	101.92	101.57	1.13	ppb
Bismuth	209-1				96		%
Bismuth	209-2				100		%
Boron	10-1	16.58	13.75	15.46	15.26	9.32	ppb
Boron	11-1	14.82	14.13	14.53	14.49	2.37	ppb
Cadmium	111-1	101.30	97.93	98.11	99.11	1.92	ppb
Cadmium	106-1	78.99	69.33	69.95	72.76	7.44	ppb
Cadmium	108-1	112.94	111.88	104.91	109.91	3.97	ppb
Calcium	43-1	1973.31	1989.75	1985.45	1982.84	0.43	ppb
Calcium	44-1	1977.03	1978.63	1970.96	1975.54	0.20	ppb
Chromium	52-2	96.29	99.66	99.44	98.46	1.91	ppb
Cobalt	59-2	98.42	101.87	103.08	101.12	2.39	ppb
Copper	63-2	99.61	103.01	104.10	102.24	2.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				104		%
Iron	56-2	1069.09	1116.76	1116.26	1100.70	2.49	ppb
Iron	57-2	1055.64	1136.41	1071.49	1087.85	3.93	ppb
Krypton	83-1						cps
Lead	206-1	205.75	195.27	191.60	197.54	3.72	ppb
Lead	207-1	196.59	193.06	193.42	194.36	1.00	ppb
Lead	208-1	198.65	192.64	190.75	194.01	2.13	ppb
Lithium	6-1				96		%
Magnesium	24-2	1228.92	1274.41	1273.11	1258.81	2.06	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:33:13	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	93.78	97.01	99.21	96.66	2.82	ppb
Molybdenum	94-1	1636.22	1632.73	1626.93	1631.96	0.29	ppb
Molybdenum	95-1	2319.48	2334.41	2326.90	2326.93	0.32	ppb
Molybdenum	96-1	2239.26	2232.01	2235.68	2235.65	0.16	ppb
Molybdenum	97-1	2328.94	2319.13	2305.13	2317.74	0.52	ppb
Molybdenum	98-1	2320.16	2318.88	2310.26	2316.43	0.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	99.91	104.05	102.96	102.31	2.10	ppb
Phosphorus	31-2	-46.92	-55.55	-36.20	-46.22		ppb
Potassium	39-2	1964.87	2008.11	2019.51	1997.49	1.44	ppb
Rhodium	103-1				97		%
Rhodium	103-2				102		%
Scandium	45-1				97		%
Scandium	45-2				102		%
Selenium	77-2	190.77	193.09	216.25	200.04	7.05	ppb
Selenium	78-2	185.64	197.05	207.64	196.77	5.59	ppb
Selenium	82-1	203.34	201.56	201.84	202.25	0.47	ppb
Silicon	28-1	9.37	9.01	9.76	9.38	4.00	ppb
Silver	109-1	95.45	94.91	94.89	95.08	0.33	ppb
Silver	107-1	95.75	93.97	95.67	95.13	1.06	ppb
Sodium	23-2	2042.93	2109.50	2114.80	2089.07	1.92	ppb
Strontium	86-1	2.38	2.10	2.20	2.23	6.38	ppb
Strontium	88-1	2.41	2.29	2.37	2.36	2.56	ppb
Sulfur	34-1	-728.98	-1166.00	-1395.33	-1096.77		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	196.28	191.00	187.52	191.60	2.30	ppb
Thallium	205-1	200.77	194.40	193.77	196.31	1.97	ppb
Thorium	232-1	0.13	0.11	0.11	0.12	7.82	ppb
Tin	118-1	0.00	0.02	-0.05	-0.01		ppb
Titanium	47-1	2420.11	2380.14	2391.38	2397.21	0.86	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	1818.91	ppb
Vanadium	51-2	93.50	97.82	97.52	96.28	2.50	ppb
Yttrium	89-1				98		%
Yttrium	89-2				103		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:33:13	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	186.63	195.15	196.74	192.84	2.82	ppb
Zirconium	90-1	0.18	0.20	0.16	0.18	11.05	ppb
Zirconium	91-1	0.21	0.19	0.18	0.19	6.75	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 13:37:35 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.26	-0.26	0.28	-0.08		ppb
Antimony	121-1	0.13	0.15	0.17	0.15	15.73	ppb
Arsenic	75-2	0.04	0.02	0.00	0.02	102.79	ppb
Barium	135-1	-0.02	0.00	0.00	-0.01		ppb
Barium	137-1	-0.01	0.00	0.00	-0.01		ppb
Beryllium	9-1	0.02	0.04	0.02	0.02	45.56	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	8.46	10.50	7.96	8.97	15.04	ppb
Boron	11-1	8.69	9.06	8.80	8.85	2.15	ppb
Cadmium	111-1	-0.13	0.07	0.01	-0.01		ppb
Cadmium	106-1	-2.07	0.88	0.04	-0.39		ppb
Cadmium	108-1	-0.03	0.06	-0.13	-0.03		ppb
Calcium	43-1	-1.47	4.29	-0.88	0.65	490.03	ppb
Calcium	44-1	6.34	6.46	4.45	5.75	19.53	ppb
Chromium	52-2	0.01	-0.03	-0.02	-0.01		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	343.81	ppb
Copper	63-2	0.05	0.07	0.05	0.05	21.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				104		%
Iron	56-2	1.15	0.97	1.30	1.14	14.54	ppb
Iron	57-2	5.25	2.60	2.37	3.41	46.98	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.03	0.03	6.02	ppb
Lead	207-1	0.04	0.01	0.01	0.02	118.91	ppb
Lead	208-1	0.03	0.01	0.02	0.02	34.42	ppb
Lithium	6-1				97		%
Magnesium	24-2	1.39	1.07	1.16	1.21	13.54	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 13:37:35 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.02	0.02	0.01	54.88	ppb
Molybdenum	94-1	0.21	0.28	0.33	0.27	22.94	ppb
Molybdenum	95-1	0.29	0.35	0.36	0.33	11.15	ppb
Molybdenum	96-1	0.29	0.35	0.27	0.30	13.88	ppb
Molybdenum	97-1	0.33	0.39	0.45	0.39	14.96	ppb
Molybdenum	98-1	0.39	0.28	0.31	0.33	18.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.00	0.02	0.01	103.27	ppb
Phosphorus	31-2	-34.85	-38.04	-40.79	-37.89		ppb
Potassium	39-2	7.49	17.56	10.64	11.90	43.26	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				105		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.90	0.73	2.33	1.32	66.87	ppb
Selenium	82-1	0.19	-0.10	0.27	0.12	165.87	ppb
Silicon	28-1	4.51	3.29	3.29	3.70	19.10	ppb
Silver	109-1	0.00	-0.01	0.01	0.00	1379.30	ppb
Silver	107-1	0.00	0.00	-0.01	0.00		ppb
Sodium	23-2	26.97	24.84	26.95	26.25	4.66	ppb
Strontium	86-1	-0.01	-0.06	0.08	0.00	1452.04	ppb
Strontium	88-1	0.00	0.00	-0.01	0.00		ppb
Sulfur	34-1	-1228.98	-1290.14	-1436.18	-1318.43		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.08	0.06	0.12	0.08	39.10	ppb
Thallium	205-1	0.08	0.07	0.06	0.07	16.78	ppb
Thorium	232-1	0.03	0.02	0.02	0.02	23.56	ppb
Tin	118-1	-0.05	-0.05	-0.02	-0.04		ppb
Titanium	47-1	0.25	0.23	0.14	0.21	27.64	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.01	0.00	181.89	ppb
Yttrium	89-1				101		%
Yttrium	89-2				104		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:37:35	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.12	0.10	-0.02	0.07	108.81	ppb
Zirconium	90-1	0.00	0.02	0.01	0.01	99.83	ppb
Zirconium	91-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:41:13	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89862.07	90330.15	88749.52	89647.25	0.91	ppb
Antimony	121-1	1.24	1.28	1.19	1.23	3.65	ppb
Arsenic	75-2	0.31	0.26	0.26	0.28	9.89	ppb
Barium	135-1	1.79	1.55	1.52	1.62	9.06	ppb
Barium	137-1	1.26	1.69	1.31	1.42	16.61	ppb
Beryllium	9-1	0.36	0.29	0.29	0.31	12.82	ppb
Bismuth	209-1				91		%
Bismuth	209-2				92		%
Boron	10-1	5.91	7.56	7.37	6.95	12.93	ppb
Boron	11-1	8.04	7.70	7.32	7.69	4.69	ppb
Cadmium	111-1	0.75	0.72	0.55	0.67	16.23	ppb
Cadmium	106-1	-0.59	-1.09	0.23	-0.48		ppb
Cadmium	108-1	14.56	14.75	15.96	15.09	5.03	ppb
Calcium	43-1	95680.10	94200.48	93726.84	94535.81	1.08	ppb
Calcium	44-1	97374.20	96889.78	96714.09	96992.69	0.35	ppb
Chromium	52-2	20.34	20.46	20.42	20.41	0.31	ppb
Cobalt	59-2	1.24	1.13	1.16	1.18	4.54	ppb
Copper	63-2	7.87	8.02	7.61	7.84	2.64	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				100		%
Holmium	165-2				102		%
Indium	115-1				95		%
Indium	115-2				100		%
Iron	56-2	102890.41	104144.72	102306.95	103114.03	0.91	ppb
Iron	57-2	102218.58	104404.60	101542.51	102721.90	1.46	ppb
Krypton	83-1						cps
Lead	206-1	5.11	5.14	4.93	5.06	2.22	ppb
Lead	207-1	4.61	4.44	4.24	4.43	4.19	ppb
Lead	208-1	4.79	4.78	4.58	4.72	2.48	ppb
Lithium	6-1				94		%
Magnesium	24-2	102105.48	102952.21	100247.94	101768.54	1.36	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 13:41:13 DataFile Name : 014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.19	8.08	8.53	8.27	2.79	ppb
Molybdenum	94-1	1290.35	1265.71	1267.41	1274.49	1.08	ppb
Molybdenum	95-1	1847.57	1843.40	1841.85	1844.27	0.16	ppb
Molybdenum	96-1	1772.44	1763.12	1772.08	1769.22	0.30	ppb
Molybdenum	97-1	1777.22	1779.10	1760.94	1772.42	0.56	ppb
Molybdenum	98-1	1821.70	1843.36	1835.77	1833.61	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.47	5.56	5.27	5.43	2.75	ppb
Phosphorus	31-2	96818.72	97211.41	97069.24	97033.12	0.20	ppb
Potassium	39-2	99531.27	99791.64	98848.67	99390.53	0.49	ppb
Rhodium	103-1				92		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.18	0.34	0.89	0.80	52.79	ppb
Selenium	82-1	0.40	0.67	0.38	0.48	33.28	ppb
Silicon	28-1	28.08	26.97	27.91	27.65	2.16	ppb
Silver	109-1	0.01	0.00	0.04	0.01	161.06	ppb
Silver	107-1	0.01	0.00	0.01	0.01	95.28	ppb
Sodium	23-2	102313.23	103526.58	100789.70	102209.84	1.34	ppb
Strontium	86-1	34.97	33.58	34.42	34.32	2.04	ppb
Strontium	88-1	35.91	34.30	34.93	35.04	2.31	ppb
Sulfur	34-1	110248.38	109792.41	110484.84	110175.21	0.32	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	0.22	0.15	0.22	0.20	22.36	ppb
Thallium	205-1	0.21	0.20	0.22	0.21	5.90	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	1.19	ppb
Tin	118-1	0.20	0.08	0.13	0.14	46.73	ppb
Titanium	47-1	1979.42	1965.35	1962.93	1969.24	0.45	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	18.66	ppb
Vanadium	51-2	0.16	0.22	0.15	0.17	21.69	ppb
Yttrium	89-1				99		%
Yttrium	89-2				103		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:41:13	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	13.55	12.71	13.87	13.38	4.46	ppb
Zirconium	90-1	0.02	0.04	0.02	0.03	46.43	ppb
Zirconium	91-1	0.01	0.02	0.00	0.01	108.85	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:44:50	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89199.61	89440.49	107123.10	95254.40	10.79	ppb
Antimony	121-1	22.17	20.82	18.50	20.49	9.06	ppb
Arsenic	75-2	18.81	20.42	23.88	21.04	12.32	ppb
Barium	135-1	22.97	22.00	19.73	21.57	7.73	ppb
Barium	137-1	22.79	21.76	18.73	21.09	10.01	ppb
Beryllium	9-1	20.85	20.15	18.20	19.73	6.96	ppb
Bismuth	209-1				98		%
Bismuth	209-2				88		%
Boron	10-1	63.28	62.30	52.00	59.19	10.56	ppb
Boron	11-1	61.92	59.99	54.58	58.83	6.47	ppb
Cadmium	111-1	20.35	19.61	17.33	19.10	8.23	ppb
Cadmium	106-1	25.33	25.75	22.98	24.69	6.05	ppb
Cadmium	108-1	36.55	39.29	35.23	37.02	5.60	ppb
Calcium	43-1	94855.55	92966.85	79793.58	89205.33	9.20	ppb
Calcium	44-1	96774.79	95023.89	82026.00	91274.89	8.83	ppb
Chromium	52-2	40.06	40.35	48.74	43.05	11.45	ppb
Cobalt	59-2	21.25	21.20	25.52	22.66	10.96	ppb
Copper	63-2	28.20	27.63	33.83	29.89	11.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				94		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	56-2	102994.87	102352.97	123784.61	109710.82	11.11	ppb
Iron	57-2	101782.80	101606.03	123020.65	108803.16	11.32	ppb
Krypton	83-1						cps
Lead	206-1	26.30	25.45	22.30	24.68	8.53	ppb
Lead	207-1	24.96	24.46	20.98	23.47	9.23	ppb
Lead	208-1	25.28	24.39	21.14	23.60	9.24	ppb
Lithium	6-1				100		%
Magnesium	24-2	101820.37	101450.66	122466.39	108579.14	11.08	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:44:50	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	27.93	27.98	33.63	29.85	10.97	ppb
Molybdenum	94-1	1384.14	1355.43	1170.60	1303.39	8.89	ppb
Molybdenum	95-1	1871.71	1845.34	1608.18	1775.08	8.18	ppb
Molybdenum	96-1	1809.26	1786.51	1546.98	1714.25	8.48	ppb
Molybdenum	97-1	1864.32	1850.68	1604.34	1773.12	8.25	ppb
Molybdenum	98-1	1866.76	1852.19	1597.22	1772.06	8.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.60	25.01	29.72	26.78	9.58	ppb
Phosphorus	31-2	96486.46	97612.52	115845.84	103314.94	10.52	ppb
Potassium	39-2	99289.54	98691.54	119823.95	105935.01	11.36	ppb
Rhodium	103-1				100		%
Rhodium	103-2				92		%
Scandium	45-1				107		%
Scandium	45-2				99		%
Selenium	77-2	16.29	18.43	24.60	19.77	21.83	ppb
Selenium	78-2	20.73	21.49	23.52	21.91	6.58	ppb
Selenium	82-1	19.03	18.80	15.98	17.94	9.46	ppb
Silicon	28-1	77.32	74.65	61.56	71.18	11.84	ppb
Silver	109-1	18.98	18.64	16.33	17.98	8.02	ppb
Silver	107-1	18.80	18.74	16.43	17.99	7.50	ppb
Sodium	23-2	102046.71	101785.51	122802.71	108878.31	11.08	ppb
Strontium	86-1	94.56	94.80	80.44	89.93	9.14	ppb
Strontium	88-1	97.59	96.02	82.38	92.00	9.09	ppb
Sulfur	34-1	109892.32	107769.32	91115.21	102925.62	9.99	ppb
Terbium	159-1				111		%
Terbium	159-2				95		%
Thallium	203-1	20.86	19.77	16.93	19.19	10.57	ppb
Thallium	205-1	21.49	20.34	17.52	19.78	10.32	ppb
Thorium	232-1	0.09	0.09	0.07	0.08	14.73	ppb
Tin	118-1	52.93	53.02	44.60	50.19	9.63	ppb
Titanium	47-1	2032.75	1987.78	1701.44	1907.32	9.42	ppb
Uranium	238-1	53.24	51.42	45.40	50.02	8.21	ppb
Vanadium	51-2	20.04	19.97	24.21	21.40	11.34	ppb
Yttrium	89-1				108		%
Yttrium	89-2				99		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:44:50	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	29.66	30.84	37.65	32.72	13.18	ppb
Zirconium	90-1	52.65	50.65	44.00	49.10	9.22	ppb
Zirconium	91-1	53.91	53.54	47.13	51.52	7.39	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P7
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:48:28	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51482.52	50977.64	50894.16	51118.11	0.62	ppb
Antimony	121-1	507.67	504.54	502.14	504.78	0.55	ppb
Arsenic	75-2	521.02	536.41	527.65	528.36	1.46	ppb
Barium	135-1	2578.25	2533.75	2543.27	2551.75	0.92	ppb
Barium	137-1	2526.43	2507.26	2531.30	2521.66	0.50	ppb
Beryllium	9-1	517.00	511.97	518.17	515.71	0.64	ppb
Bismuth	209-1				91		%
Bismuth	209-2				91		%
Boron	10-1	487.44	505.33	501.95	498.24	1.91	ppb
Boron	11-1	482.63	500.74	503.56	495.64	2.29	ppb
Cadmium	111-1	527.35	522.89	526.19	525.48	0.44	ppb
Cadmium	106-1	529.63	532.94	522.41	528.33	1.02	ppb
Cadmium	108-1	530.87	555.68	531.15	539.23	2.64	ppb
Calcium	43-1	239649.96	235810.75	234784.89	236748.53	1.08	ppb
Calcium	44-1	239129.06	235795.31	236996.33	237306.90	0.71	ppb
Chromium	52-2	493.56	494.23	497.41	495.07	0.42	ppb
Cobalt	59-2	477.76	482.71	478.16	479.55	0.57	ppb
Copper	63-2	1013.98	1018.60	1020.23	1017.60	0.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				95		%
Indium	115-2				101		%
Iron	56-2	123710.56	122264.88	122283.54	122752.99	0.68	ppb
Iron	57-2	123764.96	122680.06	122351.97	122932.33	0.60	ppb
Krypton	83-1						cps
Lead	206-1	516.89	512.06	513.17	514.04	0.49	ppb
Lead	207-1	518.28	520.05	517.71	518.68	0.23	ppb
Lead	208-1	511.16	511.53	510.36	511.01	0.12	ppb
Lithium	6-1				95		%
Magnesium	24-2	244641.18	242949.16	243117.13	243569.16	0.38	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P7
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:48:28	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	972.90	975.63	975.30	974.61	0.15	ppb
Molybdenum	94-1	2496.03	2525.94	2470.32	2497.43	1.11	ppb
Molybdenum	95-1	2494.84	2508.13	2481.92	2494.96	0.53	ppb
Molybdenum	96-1	2510.06	2514.52	2485.20	2503.26	0.63	ppb
Molybdenum	97-1	2518.37	2495.03	2496.62	2503.34	0.52	ppb
Molybdenum	98-1	2501.41	2490.15	2515.72	2502.43	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	477.68	480.07	481.94	479.90	0.44	ppb
Phosphorus	31-2	9909.82	10244.19	9847.59	10000.53	2.13	ppb
Potassium	39-2	123413.88	123117.40	122072.74	122868.01	0.57	ppb
Rhodium	103-1				92		%
Rhodium	103-2				95		%
Scandium	45-1				101		%
Scandium	45-2				107		%
Selenium	77-2	501.84	471.55	467.18	480.19	3.93	ppb
Selenium	78-2	507.83	516.84	506.39	510.35	1.11	ppb
Selenium	82-1	494.70	501.70	491.60	496.00	1.04	ppb
Silicon	28-1	479.04	479.85	479.78	479.56	0.09	ppb
Silver	109-1	529.87	524.74	529.05	527.89	0.52	ppb
Silver	107-1	530.19	527.37	524.42	527.33	0.55	ppb
Sodium	23-2	243296.28	240551.94	240473.54	241440.59	0.67	ppb
Strontium	86-1	579.95	588.25	574.10	580.77	1.22	ppb
Strontium	88-1	577.99	580.45	579.67	579.37	0.22	ppb
Sulfur	34-1	9427.32	9280.67	9505.71	9404.57	1.21	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	520.31	512.34	506.15	512.94	1.38	ppb
Thallium	205-1	508.47	504.54	507.43	506.82	0.40	ppb
Thorium	232-1	516.15	516.40	508.85	513.80	0.84	ppb
Tin	118-1	506.05	495.41	499.09	500.18	1.08	ppb
Titanium	47-1	2492.78	2452.09	2453.91	2466.26	0.93	ppb
Uranium	238-1	512.30	510.56	509.21	510.69	0.30	ppb
Vanadium	51-2	496.94	497.31	499.51	497.92	0.28	ppb
Yttrium	89-1				102		%
Yttrium	89-2				105		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P7
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:48:28	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	958.64	963.48	968.88	963.67	0.53	ppb
Zirconium	90-1	503.19	502.67	499.17	501.68	0.44	ppb
Zirconium	91-1	506.03	502.12	502.89	503.68	0.41	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:57:07	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.85	24.14	22.57	23.52	3.56	ppb
Antimony	121-1	2.20	2.05	2.02	2.09	4.47	ppb
Arsenic	75-2	1.04	0.89	1.35	1.09	21.22	ppb
Barium	135-1	10.06	9.92	9.48	9.82	3.09	ppb
Barium	137-1	10.01	9.60	9.54	9.72	2.65	ppb
Beryllium	9-1	1.12	1.04	0.96	1.04	7.67	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	30.83	32.29	31.89	31.67	2.38	ppb
Boron	11-1	32.66	33.40	32.96	33.01	1.12	ppb
Cadmium	111-1	0.83	1.04	0.87	0.91	12.22	ppb
Cadmium	106-1	-1.41	2.55	-1.85	-0.24		ppb
Cadmium	108-1	0.60	0.96	1.14	0.90	30.49	ppb
Calcium	43-1	457.29	463.92	465.82	462.34	0.97	ppb
Calcium	44-1	485.59	477.42	472.57	478.53	1.37	ppb
Chromium	52-2	1.91	2.03	2.20	2.05	7.15	ppb
Cobalt	59-2	0.98	0.95	0.90	0.94	4.15	ppb
Copper	63-2	2.26	2.15	2.20	2.20	2.56	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				101		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				103		%
Iron	56-2	59.07	59.11	60.00	59.39	0.89	ppb
Iron	57-2	57.41	57.41	61.34	58.72	3.87	ppb
Krypton	83-1						cps
Lead	206-1	1.11	1.05	0.98	1.04	6.18	ppb
Lead	207-1	1.00	0.97	0.98	0.98	1.47	ppb
Lead	208-1	1.05	0.99	0.95	1.00	4.76	ppb
Lithium	6-1				98		%
Magnesium	24-2	541.61	532.93	534.92	536.49	0.85	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:57:07	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.93	1.13	1.09	1.05	10.33	ppb
Molybdenum	94-1	4.57	4.49	4.66	4.57	1.88	ppb
Molybdenum	95-1	5.01	4.48	4.81	4.77	5.53	ppb
Molybdenum	96-1	4.66	4.85	4.74	4.75	2.03	ppb
Molybdenum	97-1	5.03	4.69	4.66	4.79	4.29	ppb
Molybdenum	98-1	4.70	4.72	4.39	4.60	4.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.17	1.00	0.98	1.05	9.87	ppb
Phosphorus	31-2	10.51	13.97	32.50	19.00	62.25	ppb
Potassium	39-2	507.75	524.47	527.25	519.82	2.03	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				105		%
Selenium	77-2	4.68	8.02	5.80	6.17	27.54	ppb
Selenium	78-2	4.93	7.90	6.44	6.43	23.14	ppb
Selenium	82-1	5.14	5.49	5.27	5.30	3.35	ppb
Silicon	28-1	11.06	10.60	10.48	10.71	2.85	ppb
Silver	109-1	1.10	0.94	1.09	1.04	8.24	ppb
Silver	107-1	0.98	1.05	1.07	1.03	4.58	ppb
Sodium	23-2	544.61	548.65	560.75	551.34	1.52	ppb
Strontium	86-1	1.07	0.76	0.81	0.88	18.79	ppb
Strontium	88-1	0.88	0.92	0.98	0.93	5.39	ppb
Sulfur	34-1	-1182.93	-1188.38	-988.32	-1119.88		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.85	0.86	0.95	0.89	6.07	ppb
Thallium	205-1	0.85	0.88	0.91	0.88	3.85	ppb
Thorium	232-1	0.88	0.81	0.83	0.84	4.04	ppb
Tin	118-1	5.27	5.04	5.09	5.14	2.35	ppb
Titanium	47-1	5.29	5.12	5.17	5.19	1.62	ppb
Uranium	238-1	0.90	0.83	0.88	0.87	3.98	ppb
Vanadium	51-2	5.10	5.06	5.23	5.13	1.68	ppb
Yttrium	89-1				102		%
Yttrium	89-2				104		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:57:07	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.88	2.18	2.33	2.13	10.57	ppb
Zirconium	90-1	0.96	0.92	0.90	0.93	3.19	ppb
Zirconium	91-1	0.92	0.82	0.90	0.88	5.82	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : CCB17 Instrumnet Name : P7
 Client Sample ID : CCB17 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 14:01:08 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.10	-0.44	-0.09	-0.14		ppb
Antimony	121-1	0.06	0.08	0.06	0.07	14.11	ppb
Arsenic	75-2	0.02	0.00	0.02	0.01	91.04	ppb
Barium	135-1	-0.02	0.00	0.00	-0.01		ppb
Barium	137-1	-0.01	0.00	-0.01	-0.01		ppb
Beryllium	9-1	0.03	0.03	0.00	0.02	77.55	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	5.95	6.92	6.39	6.42	7.56	ppb
Boron	11-1	7.23	6.42	6.26	6.63	7.86	ppb
Cadmium	111-1	0.23	-0.06	-0.27	-0.03		ppb
Cadmium	106-1	3.00	-0.62	-3.37	-0.33		ppb
Cadmium	108-1	0.06	0.15	-0.04	0.06	159.82	ppb
Calcium	43-1	-0.30	-2.25	-0.33	-0.96		ppb
Calcium	44-1	5.35	4.85	2.06	4.09	43.35	ppb
Chromium	52-2	0.01	-0.05	0.01	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.09	0.06	0.09	0.08	19.52	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				96		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	56-2	0.46	0.42	0.46	0.45	4.32	ppb
Iron	57-2	1.48	1.12	-0.33	0.76	126.32	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.07	0.07	0.08	15.95	ppb
Lead	207-1	0.06	0.06	0.07	0.06	13.64	ppb
Lead	208-1	0.08	0.06	0.07	0.07	13.08	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.85	0.52	0.98	0.78	30.19	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P7
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 14:01:08	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.01	-0.02	0.00		ppb
Molybdenum	94-1	0.05	0.08	0.10	0.08	36.43	ppb
Molybdenum	95-1	0.07	0.04	0.06	0.05	26.64	ppb
Molybdenum	96-1	0.06	0.04	0.04	0.05	24.19	ppb
Molybdenum	97-1	0.06	0.06	0.04	0.05	20.84	ppb
Molybdenum	98-1	0.06	0.03	0.02	0.04	56.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	0.01	0.00	124.45	ppb
Phosphorus	31-2	-50.00	-38.26	-35.31	-41.19		ppb
Potassium	39-2	10.68	15.51	9.13	11.77	28.26	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				106		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	2.38	0.34	0.11	0.94	132.62	ppb
Selenium	82-1	0.44	0.05	0.53	0.34	75.63	ppb
Silicon	28-1	2.75	1.88	1.98	2.21	21.60	ppb
Silver	109-1	0.00	-0.01	0.01	0.00		ppb
Silver	107-1	0.00	-0.01	-0.01	-0.01		ppb
Sodium	23-2	24.09	23.94	23.53	23.85	1.22	ppb
Strontium	86-1	0.06	0.02	-0.01	0.02	157.37	ppb
Strontium	88-1	0.00	0.00	-0.01	0.00		ppb
Sulfur	34-1	-888.27	-1014.15	-1328.53	-1076.98		ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.03	0.01	0.02	69.97	ppb
Thallium	205-1	0.01	0.02	0.03	0.02	54.24	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	21.91	ppb
Tin	118-1	-0.04	-0.09	-0.07	-0.07		ppb
Titanium	47-1	0.04	-0.04	0.01	0.00	1070.75	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P7
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 14:01:08	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.08	-0.16	0.05	-0.01		ppb
Zirconium	90-1	0.00	0.01	0.02	0.01	115.79	ppb
Zirconium	91-1	-0.03	0.01	0.00	0.00		ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 14:04:44	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.75	18.42	15.42	16.86	8.90	ppb
Antimony	121-1	2.00	1.95	1.89	1.95	2.91	ppb
Arsenic	75-2	0.98	0.75	1.13	0.95	19.87	ppb
Barium	135-1	10.23	10.11	8.86	9.73	7.79	ppb
Barium	137-1	9.98	10.12	9.84	9.98	1.42	ppb
Beryllium	9-1	1.06	1.16	1.08	1.10	4.67	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	28.86	28.53	26.30	27.90	4.99	ppb
Boron	11-1	26.94	27.97	28.85	27.92	3.42	ppb
Cadmium	111-1	1.00	0.73	0.94	0.89	16.11	ppb
Cadmium	106-1	-0.67	-0.80	0.23	-0.41		ppb
Cadmium	108-1	0.88	0.69	1.13	0.90	24.84	ppb
Calcium	43-1	471.41	457.93	473.61	467.65	1.82	ppb
Calcium	44-1	477.29	488.19	480.03	481.84	1.18	ppb
Chromium	52-2	1.89	1.79	1.98	1.89	4.93	ppb
Cobalt	59-2	0.92	1.05	1.04	1.00	7.11	ppb
Copper	63-2	2.14	2.10	2.09	2.11	1.40	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				101		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				105		%
Iron	56-2	58.21	58.13	59.11	58.48	0.93	ppb
Iron	57-2	62.68	58.42	62.13	61.08	3.79	ppb
Krypton	83-1						cps
Lead	206-1	0.92	1.03	1.01	0.98	5.98	ppb
Lead	207-1	1.01	0.98	1.00	1.00	1.41	ppb
Lead	208-1	0.98	0.99	0.98	0.99	0.70	ppb
Lithium	6-1				102		%
Magnesium	24-2	530.58	522.70	544.93	532.74	2.12	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 14:04:44	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.04	1.00	1.02	1.02	2.01	ppb
Molybdenum	94-1	4.88	4.59	4.38	4.61	5.39	ppb
Molybdenum	95-1	5.05	4.67	4.67	4.80	4.54	ppb
Molybdenum	96-1	4.95	4.83	4.83	4.87	1.47	ppb
Molybdenum	97-1	4.50	4.79	4.73	4.67	3.19	ppb
Molybdenum	98-1	4.90	4.68	4.69	4.76	2.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.04	1.00	1.06	1.03	2.72	ppb
Phosphorus	31-2	23.21	-0.82	32.59	18.33	94.00	ppb
Potassium	39-2	526.71	511.47	512.84	517.01	1.63	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				108		%
Selenium	77-2	5.80	4.56	2.28	4.21	42.34	ppb
Selenium	78-2	5.65	6.12	5.14	5.64	8.66	ppb
Selenium	82-1	5.05	4.94	5.29	5.09	3.52	ppb
Silicon	28-1	11.69	11.17	10.70	11.19	4.42	ppb
Silver	109-1	1.01	1.00	1.03	1.01	1.69	ppb
Silver	107-1	1.09	1.03	1.04	1.06	3.01	ppb
Sodium	23-2	543.25	540.61	545.26	543.04	0.43	ppb
Strontium	86-1	1.00	1.05	0.90	0.99	7.57	ppb
Strontium	88-1	0.97	0.95	1.06	0.99	5.86	ppb
Sulfur	34-1	-477.02	-691.33	-926.89	-698.42		ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	1.02	0.97	0.83	0.94	10.61	ppb
Thallium	205-1	0.94	0.91	0.93	0.93	1.62	ppb
Thorium	232-1	0.86	0.84	0.82	0.84	1.93	ppb
Tin	118-1	5.22	5.18	5.04	5.15	1.90	ppb
Titanium	47-1	5.58	4.67	5.35	5.20	9.02	ppb
Uranium	238-1	0.85	0.85	0.83	0.84	1.13	ppb
Vanadium	51-2	4.99	5.10	5.06	5.05	1.08	ppb
Yttrium	89-1				104		%
Yttrium	89-2				105		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 14:04:44	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.08	1.66	1.91	1.88	11.28	ppb
Zirconium	90-1	0.94	0.88	0.85	0.89	5.49	ppb
Zirconium	91-1	1.15	0.91	0.91	0.99	14.10	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : PB121429BL Instrumnet Name : P7
 Client Sample ID : PB121429BL Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 14:08:20 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.27	-0.09	-0.27	-0.21		ppb
Antimony	121-1	0.03	0.03	0.04	0.04	24.68	ppb
Arsenic	75-2	0.04	0.04	0.02	0.03	36.90	ppb
Barium	135-1	0.00	-0.02	-0.02	-0.01		ppb
Barium	137-1	0.00	-0.01	-0.02	-0.01		ppb
Beryllium	9-1	0.02	0.00	0.01	0.01	132.97	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	4.31	4.45	3.46	4.08	13.15	ppb
Boron	11-1	4.67	4.31	4.22	4.40	5.36	ppb
Cadmium	111-1	-0.25	-0.08	-0.03	-0.12		ppb
Cadmium	106-1	-3.10	-0.99	-0.38	-1.49		ppb
Cadmium	108-1	-0.04	-0.04	-0.13	-0.07		ppb
Calcium	43-1	-3.58	-2.96	-1.77	-2.77		ppb
Calcium	44-1	2.65	2.54	2.22	2.47	8.95	ppb
Chromium	52-2	-0.01	-0.08	0.05	-0.01		ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	0.05	0.08	0.06	0.07	26.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				98		%
Indium	115-1				102		%
Indium	115-2				105		%
Iron	56-2	0.03	0.22	0.31	0.19	77.23	ppb
Iron	57-2	1.57	1.85	0.18	1.20	74.80	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.04	0.04	0.03	49.86	ppb
Lead	207-1	0.04	0.01	0.05	0.03	54.29	ppb
Lead	208-1	0.03	0.04	0.04	0.03	7.76	ppb
Lithium	6-1				103		%
Magnesium	24-2	0.65	0.13	0.20	0.33	86.93	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : PB121429BL Instrumnet Name : P7
 Client Sample ID : PB121429BL Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 14:08:20 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	94-1	0.04	0.00	0.05	0.03	76.80	ppb
Molybdenum	95-1	0.00	0.00	0.02	0.00	220.35	ppb
Molybdenum	96-1	0.00	0.02	0.02	0.01	91.51	ppb
Molybdenum	97-1	0.02	0.02	-0.01	0.01	139.00	ppb
Molybdenum	98-1	0.02	0.02	0.04	0.03	36.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	-0.01	-0.02	0.00		ppb
Phosphorus	31-2	-47.92	-44.95	-47.81	-46.89		ppb
Potassium	39-2	13.62	8.32	13.26	11.73	25.24	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.88	1.25	1.99	1.37	41.18	ppb
Selenium	82-1	0.15	-0.70	1.03	0.16	538.71	ppb
Silicon	28-1	2.37	1.84	1.97	2.06	13.43	ppb
Silver	109-1	-0.01	-0.01	0.00	-0.01		ppb
Silver	107-1	0.00	-0.01	0.00	-0.01		ppb
Sodium	23-2	19.42	18.20	20.23	19.28	5.29	ppb
Strontium	86-1	-0.01	0.00	0.04	0.01	256.48	ppb
Strontium	88-1	-0.01	0.00	-0.01	0.00		ppb
Sulfur	34-1	-772.76	-675.74	-625.09	-691.20		ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	0.05	0.02	0.02	0.03	54.34	ppb
Thallium	205-1	0.01	0.03	0.02	0.02	50.85	ppb
Thorium	232-1	0.02	0.01	0.02	0.02	17.80	ppb
Tin	118-1	-0.08	-0.06	-0.05	-0.06		ppb
Titanium	47-1	0.02	0.02	-0.01	0.01	166.65	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	455.97	ppb
Yttrium	89-1				105		%
Yttrium	89-2				106		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	PB121429BL	Instrumnet Name :	P7
Client Sample ID :	PB121429BL	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 14:08:20	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.03	-0.01	-0.03	-0.02		ppb
Zirconium	90-1	0.00	0.00	0.02	0.01	108.47	ppb
Zirconium	91-1	0.02	-0.02	0.02	0.00	507.44	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	PB121429BS	Instrumnet Name :	P7
Client Sample ID :	PB121429BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 14:11:56	DataFile Name :	021LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10110.43	10128.14	10277.41	10171.99	0.90	ppb
Antimony	121-1	517.10	515.26	510.56	514.30	0.66	ppb
Arsenic	75-2	508.48	507.37	518.96	511.60	1.25	ppb
Barium	135-1	2548.14	2555.97	2532.31	2545.47	0.47	ppb
Barium	137-1	2516.89	2539.19	2538.35	2531.48	0.50	ppb
Beryllium	9-1	508.48	513.71	510.83	511.01	0.51	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Boron	10-1	466.94	488.55	491.72	482.40	2.79	ppb
Boron	11-1	481.24	493.08	496.37	490.23	1.62	ppb
Cadmium	111-1	503.80	507.15	502.37	504.44	0.49	ppb
Cadmium	106-1	497.89	515.80	497.32	503.67	2.09	ppb
Cadmium	108-1	503.51	513.55	492.47	503.18	2.10	ppb
Calcium	43-1	49304.84	48885.28	49550.14	49246.76	0.68	ppb
Calcium	44-1	48737.53	48661.13	49222.77	48873.81	0.62	ppb
Chromium	52-2	501.21	505.44	511.16	505.93	0.99	ppb
Cobalt	59-2	505.86	503.56	511.43	506.95	0.80	ppb
Copper	63-2	1007.33	1011.86	1021.10	1013.43	0.69	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				103		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				102		%
Iron	56-2	26056.35	25948.33	25973.09	25992.59	0.22	ppb
Iron	57-2	26818.07	26933.24	27007.90	26919.74	0.36	ppb
Krypton	83-1						cps
Lead	206-1	499.90	496.61	498.74	498.42	0.34	ppb
Lead	207-1	505.67	502.62	502.52	503.61	0.36	ppb
Lead	208-1	497.24	494.11	499.01	496.79	0.50	ppb
Lithium	6-1				100		%
Magnesium	24-2	51250.02	51368.10	51672.48	51430.20	0.42	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	PB121429BS	Instrumnet Name :	P7
Client Sample ID :	PB121429BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 14:11:56	DataFile Name :	021LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	997.72	1008.25	1015.50	1007.16	0.89	ppb
Molybdenum	94-1	2449.73	2467.77	2465.16	2460.89	0.40	ppb
Molybdenum	95-1	2464.84	2460.21	2466.10	2463.72	0.13	ppb
Molybdenum	96-1	2470.19	2488.18	2438.39	2465.59	1.02	ppb
Molybdenum	97-1	2452.31	2474.74	2476.23	2467.76	0.54	ppb
Molybdenum	98-1	2452.11	2464.09	2457.05	2457.75	0.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	502.63	505.19	512.19	506.67	0.98	ppb
Phosphorus	31-2	10265.03	10280.56	9872.62	10139.40	2.28	ppb
Potassium	39-2	24565.16	24601.84	24528.18	24565.06	0.15	ppb
Rhodium	103-1				97		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	77-2	537.88	508.11	473.46	506.48	6.37	ppb
Selenium	78-2	512.93	519.31	540.03	524.09	2.70	ppb
Selenium	82-1	509.94	501.62	501.08	504.21	0.98	ppb
Silicon	28-1	506.32	505.91	513.81	508.68	0.87	ppb
Silver	109-1	509.00	509.26	506.88	508.38	0.26	ppb
Silver	107-1	510.89	509.36	505.55	508.60	0.54	ppb
Sodium	23-2	51476.78	51106.09	51266.04	51282.97	0.36	ppb
Strontium	86-1	496.39	498.73	497.31	497.47	0.24	ppb
Strontium	88-1	495.37	499.17	497.27	497.27	0.38	ppb
Sulfur	34-1	9985.37	9756.33	9831.83	9857.84	1.18	ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	492.23	495.73	496.14	494.70	0.43	ppb
Thallium	205-1	491.18	487.93	491.30	490.14	0.39	ppb
Thorium	232-1	479.07	479.48	486.72	481.76	0.89	ppb
Tin	118-1	506.53	511.09	504.42	507.34	0.67	ppb
Titanium	47-1	2455.22	2440.62	2433.91	2443.25	0.45	ppb
Uranium	238-1	479.16	478.73	478.67	478.85	0.06	ppb
Vanadium	51-2	500.97	502.34	504.34	502.55	0.34	ppb
Yttrium	89-1				103		%
Yttrium	89-2				105		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	PB121429BS	Instrumnet Name :	P7
Client Sample ID :	PB121429BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 14:11:56	DataFile Name :	021LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	958.75	953.72	979.66	964.04	1.43	ppb
Zirconium	90-1	491.31	493.75	496.37	493.81	0.51	ppb
Zirconium	91-1	497.36	491.73	495.15	494.74	0.57	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-01 Instrumnet Name : P7
 Client Sample ID : LA119SW005-SD-190712 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 14:15:33 DataFile Name : 022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	59014.96	58825.46	59086.58	58975.67	0.23	ppb
Antimony	121-1	0.47	0.47	0.57	0.50	11.35	ppb
Arsenic	75-2	27.05	25.81	26.60	26.49	2.37	ppb
Barium	135-1	627.20	640.04	635.32	634.19	1.02	ppb
Barium	137-1	635.23	629.29	627.50	630.67	0.64	ppb
Beryllium	9-1	4.77	4.93	5.07	4.92	3.09	ppb
Bismuth	209-1				90		%
Bismuth	209-2				90		%
Boron	10-1	57.84	60.13	57.68	58.55	2.35	ppb
Boron	11-1	63.34	62.71	60.12	62.06	2.75	ppb
Cadmium	111-1	3.59	3.68	3.45	3.58	3.27	ppb
Cadmium	106-1	29.16	28.85	24.77	27.59	8.89	ppb
Cadmium	108-1	13.20	12.82	11.47	12.50	7.27	ppb
Calcium	43-1	858927.11	863606.37	871817.09	864783.52	0.75	ppb
Calcium	44-1	855533.36	864462.27	874198.97	864731.53	1.08	ppb
Chromium	52-2	115.06	116.40	116.96	116.14	0.84	ppb
Cobalt	59-2	33.13	32.34	32.96	32.81	1.27	ppb
Copper	63-2	117.98	119.59	121.24	119.60	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				102		%
Holmium	165-2				100		%
Indium	115-1				95		%
Indium	115-2				101		%
Iron	56-2	82763.11	83172.79	82695.31	82877.07	0.31	ppb
Iron	57-2	85538.92	85588.04	85370.81	85499.25	0.13	ppb
Krypton	83-1						cps
Lead	206-1	149.63	148.98	151.45	150.02	0.85	ppb
Lead	207-1	141.84	139.96	142.50	141.43	0.93	ppb
Lead	208-1	145.24	143.02	145.30	144.52	0.90	ppb
Lithium	6-1				99		%
Magnesium	24-2	19925.07	19790.36	19813.03	19842.82	0.36	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-01 Instrumnet Name : P7
 Client Sample ID : LA119SW005-SD-190714 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 14:15:33 DataFile Name : 022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2072.83	2084.61	2081.23	2079.56	0.29	ppb
Molybdenum	94-1	70.12	67.52	68.56	68.73	1.91	ppb
Molybdenum	95-1	1.28	1.40	1.34	1.34	4.37	ppb
Molybdenum	96-1	9.71	9.95	9.79	9.81	1.21	ppb
Molybdenum	97-1	1.31	1.44	1.22	1.32	8.53	ppb
Molybdenum	98-1	1.37	1.17	1.25	1.26	7.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	75.71	77.68	76.65	76.68	1.29	ppb
Phosphorus	31-2	10675.89	10617.24	10808.75	10700.63	0.92	ppb
Potassium	39-2	14492.89	14640.45	14742.05	14625.13	0.86	ppb
Rhodium	103-1				91		%
Rhodium	103-2				94		%
Scandium	45-1				107		%
Scandium	45-2				115		%
Selenium	77-2	90.52	91.12	99.34	93.66	5.26	ppb
Selenium	78-2	21.54	22.03	22.32	21.97	1.78	ppb
Selenium	82-1	4.33	4.67	4.69	4.56	4.51	ppb
Silicon	28-1	7512.37	7539.38	7602.25	7551.33	0.61	ppb
Silver	109-1	0.95	0.80	0.73	0.83	13.89	ppb
Silver	107-1	1.05	0.90	0.97	0.97	7.50	ppb
Sodium	23-2	1608.86	1606.72	1615.50	1610.36	0.28	ppb
Strontium	86-1	596.73	580.79	579.50	585.67	1.64	ppb
Strontium	88-1	599.44	599.36	593.79	597.53	0.54	ppb
Sulfur	34-1	7490.89	7318.21	7363.86	7390.99	1.21	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	1.23	1.19	1.07	1.16	6.93	ppb
Thallium	205-1	1.18	1.14	1.11	1.14	3.23	ppb
Thorium	232-1	28.08	27.76	28.19	28.01	0.79	ppb
Tin	118-1	1.35	1.31	1.29	1.31	2.32	ppb
Titanium	47-1	41.83	40.90	42.61	41.78	2.05	ppb
Uranium	238-1	7.84	7.76	7.93	7.84	1.09	ppb
Vanadium	51-2	151.79	153.34	153.60	152.91	0.64	ppb
Yttrium	89-1				146		%
Yttrium	89-2				152		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-01	Instrumnet Name :	P7
Client Sample ID :	LA119SW005-SD-190714	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 14:15:33	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	409.08	418.51	421.60	416.40	1.57	ppb
Zirconium	90-1	44.74	43.99	43.84	44.19	1.10	ppb
Zirconium	91-1	47.32	45.66	45.84	46.28	1.97	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-02 Instrumnet Name : P7
 Client Sample ID : KY030LC026-SD-190712 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 14:19:13 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49415.97	49548.14	49304.10	49422.73	0.25	ppb
Antimony	121-1	0.23	0.26	0.25	0.24	6.50	ppb
Arsenic	75-2	27.25	26.65	27.65	27.18	1.85	ppb
Barium	135-1	480.15	474.46	474.47	476.36	0.69	ppb
Barium	137-1	471.52	468.56	461.90	467.33	1.05	ppb
Beryllium	9-1	4.81	4.76	5.09	4.88	3.60	ppb
Bismuth	209-1				82		%
Bismuth	209-2				82		%
Boron	10-1	91.04	95.41	94.90	93.78	2.55	ppb
Boron	11-1	97.61	98.23	95.74	97.19	1.34	ppb
Cadmium	111-1	5.40	5.59	4.82	5.27	7.62	ppb
Cadmium	106-1	42.24	43.07	40.31	41.87	3.38	ppb
Cadmium	108-1	13.53	13.58	14.80	13.97	5.14	ppb
Calcium	43-1	2146305.10	2178024.48	2181222.63	2168517.41	0.89	ppb
Calcium	44-1	2144739.57	2152017.80	2185504.02	2160753.80	1.01	ppb
Chromium	52-2	181.62	179.89	181.30	180.94	0.51	ppb
Cobalt	59-2	32.13	32.90	32.79	32.61	1.28	ppb
Copper	63-2	52.46	54.27	54.06	53.59	1.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				91		%
Indium	115-2				98		%
Iron	56-2	89859.78	90796.01	89485.67	90047.16	0.75	ppb
Iron	57-2	98810.62	99195.56	98214.96	98740.38	0.50	ppb
Krypton	83-1						cps
Lead	206-1	180.71	184.79	186.21	183.90	1.55	ppb
Lead	207-1	165.61	171.39	171.73	169.58	2.03	ppb
Lead	208-1	171.46	175.56	177.16	174.72	1.68	ppb
Lithium	6-1				98		%
Magnesium	24-2	23597.86	23698.96	23290.20	23529.01	0.90	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-02 Instrumnet Name : P7
 Client Sample ID : KY030LC026-SD-190712 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 14:19:13 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2304.32	2332.14	2308.63	2315.03	0.65	ppb
Molybdenum	94-1	52.11	52.26	51.94	52.11	0.31	ppb
Molybdenum	95-1	0.78	0.70	0.77	0.75	5.86	ppb
Molybdenum	96-1	7.30	7.23	7.12	7.21	1.24	ppb
Molybdenum	97-1	0.80	0.61	0.72	0.71	13.33	ppb
Molybdenum	98-1	0.66	0.68	0.69	0.67	2.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	58.52	59.60	57.60	58.57	1.71	ppb
Phosphorus	31-2	39130.42	39134.28	39063.87	39109.52	0.10	ppb
Potassium	39-2	18328.32	18285.10	18259.36	18290.93	0.19	ppb
Rhodium	103-1				85		%
Rhodium	103-2				88		%
Scandium	45-1				107		%
Scandium	45-2				116		%
Selenium	77-2	137.03	134.80	137.12	136.32	0.96	ppb
Selenium	78-2	34.17	32.24	33.26	33.22	2.91	ppb
Selenium	82-1	5.34	5.23	6.70	5.75	14.21	ppb
Silicon	28-1	2323.48	2376.40	2364.43	2354.77	1.18	ppb
Silver	109-1	0.48	0.50	0.47	0.48	3.37	ppb
Silver	107-1	0.63	0.64	0.66	0.64	2.38	ppb
Sodium	23-2	3570.13	3639.38	3619.59	3609.70	0.99	ppb
Strontium	86-1	885.01	897.60	896.34	892.98	0.78	ppb
Strontium	88-1	908.38	906.37	907.96	907.57	0.12	ppb
Sulfur	34-1	5595.55	5725.02	5705.13	5675.23	1.23	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	1.07	1.09	1.16	1.11	4.11	ppb
Thallium	205-1	0.93	1.07	1.00	1.00	6.96	ppb
Thorium	232-1	34.55	34.78	34.71	34.68	0.34	ppb
Tin	118-1	1.82	1.72	1.50	1.68	9.62	ppb
Titanium	47-1	91.87	91.19	94.09	92.38	1.64	ppb
Uranium	238-1	24.07	24.44	24.58	24.36	1.09	ppb
Vanadium	51-2	154.32	154.91	155.42	154.88	0.36	ppb
Yttrium	89-1				225		%
Yttrium	89-2				236		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-02	Instrumnet Name :	P7
Client Sample ID :	KY030LC026-SD-190712	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 14:19:13	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	269.43	273.13	270.10	270.89	0.73	ppb
Zirconium	90-1	34.53	34.05	33.89	34.16	0.99	ppb
Zirconium	91-1	35.77	36.03	36.05	35.95	0.44	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-03 Instrumnet Name : P7
 Client Sample ID : KY030LC058-SD-190712 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 14:22:54 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	69186.64	66421.63	67151.35	67586.54	2.12	ppb
Antimony	121-1	0.20	0.20	0.19	0.20	2.77	ppb
Arsenic	75-2	30.88	31.64	31.26	31.26	1.20	ppb
Barium	135-1	686.30	689.84	663.41	679.85	2.11	ppb
Barium	137-1	675.38	685.85	664.52	675.25	1.58	ppb
Beryllium	9-1	7.03	6.95	7.07	7.02	0.84	ppb
Bismuth	209-1				86		%
Bismuth	209-2				85		%
Boron	10-1	79.59	80.09	82.57	80.75	1.97	ppb
Boron	11-1	83.77	87.86	83.49	85.04	2.87	ppb
Cadmium	111-1	5.26	5.07	4.83	5.05	4.32	ppb
Cadmium	106-1	56.24	55.06	50.87	54.05	5.22	ppb
Cadmium	108-1	16.55	18.23	15.99	16.92	6.90	ppb
Calcium	43-1	1299356.64	1297846.81	1282032.54	1293078.66	0.74	ppb
Calcium	44-1	1294846.35	1292562.47	1280108.06	1289172.29	0.62	ppb
Chromium	52-2	255.20	251.35	250.06	252.20	1.06	ppb
Cobalt	59-2	43.50	42.50	42.75	42.92	1.21	ppb
Copper	63-2	184.82	183.77	181.78	183.46	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				103		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				102		%
Iron	56-2	132566.13	130133.80	130026.64	130908.86	1.10	ppb
Iron	57-2	137460.65	134619.03	133645.41	135241.70	1.47	ppb
Krypton	83-1						cps
Lead	206-1	171.80	168.17	165.85	168.61	1.78	ppb
Lead	207-1	159.54	155.97	153.79	156.43	1.86	ppb
Lead	208-1	163.79	159.87	158.38	160.68	1.74	ppb
Lithium	6-1				100		%
Magnesium	24-2	29077.76	28763.39	28514.90	28785.35	0.98	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-03	Instrumnet Name :	P7
Client Sample ID :	KY030LC058-SD-190712	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 14:22:54	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3436.52	3375.38	3361.86	3391.25	1.17	ppb
Molybdenum	94-1	63.60	62.61	62.47	62.89	0.97	ppb
Molybdenum	95-1	0.57	0.60	0.62	0.60	3.91	ppb
Molybdenum	96-1	8.45	8.47	8.46	8.46	0.13	ppb
Molybdenum	97-1	0.54	0.57	0.53	0.55	3.26	ppb
Molybdenum	98-1	0.57	0.57	0.56	0.57	1.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	87.75	84.70	84.82	85.75	2.01	ppb
Phosphorus	31-2	40245.43	38154.66	38857.18	39085.76	2.72	ppb
Potassium	39-2	27718.14	27211.51	27054.20	27327.95	1.27	ppb
Rhodium	103-1				89		%
Rhodium	103-2				92		%
Scandium	45-1				111		%
Scandium	45-2				118		%
Selenium	77-2	160.22	139.94	159.76	153.31	7.55	ppb
Selenium	78-2	36.33	33.86	38.21	36.13	6.04	ppb
Selenium	82-1	6.21	5.80	5.54	5.85	5.72	ppb
Silicon	28-1	3078.04	3071.92	3025.91	3058.62	0.93	ppb
Silver	109-1	0.49	0.35	0.41	0.41	17.09	ppb
Silver	107-1	0.61	0.58	0.62	0.60	3.32	ppb
Sodium	23-2	2282.22	2245.00	2242.60	2256.61	0.98	ppb
Strontium	86-1	601.83	603.26	601.16	602.08	0.18	ppb
Strontium	88-1	604.21	622.03	611.35	612.53	1.46	ppb
Sulfur	34-1	5125.13	4842.88	4646.55	4871.52	4.94	ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	1.10	1.07	1.04	1.07	2.74	ppb
Thallium	205-1	1.09	1.10	1.16	1.12	3.16	ppb
Thorium	232-1	50.76	50.56	48.95	50.09	1.98	ppb
Tin	118-1	1.38	1.48	1.48	1.44	4.04	ppb
Titanium	47-1	67.91	65.74	64.60	66.08	2.54	ppb
Uranium	238-1	21.95	21.78	21.22	21.65	1.77	ppb
Vanadium	51-2	160.54	160.81	159.00	160.11	0.61	ppb
Yttrium	89-1				247		%
Yttrium	89-2				260		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-03	Instrumnet Name :	P7
Client Sample ID :	KY030LC058-SD-190712	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 14:22:54	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	405.97	398.76	406.97	403.90	1.11	ppb
Zirconium	90-1	41.46	40.61	40.56	40.87	1.24	ppb
Zirconium	91-1	43.03	42.37	43.05	42.81	0.91	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 14:26:35 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27184.16	27573.81	27330.11	27362.70	0.72	ppb
Antimony	121-1	0.65	0.66	0.75	0.69	7.97	ppb
Arsenic	75-2	68.20	69.51	67.27	68.33	1.64	ppb
Barium	135-1	395.85	391.35	385.40	390.86	1.34	ppb
Barium	137-1	386.23	387.97	382.35	385.52	0.75	ppb
Beryllium	9-1	5.34	5.22	5.29	5.28	1.17	ppb
Bismuth	209-1				82		%
Bismuth	209-2				80		%
Boron	10-1	21.57	23.29	22.12	22.33	3.94	ppb
Boron	11-1	23.90	23.95	23.14	23.66	1.92	ppb
Cadmium	111-1	3.82	3.87	3.79	3.83	1.00	ppb
Cadmium	106-1	28.11	31.96	29.92	30.00	6.42	ppb
Cadmium	108-1	14.49	15.71	15.40	15.20	4.16	ppb
Calcium	43-1	2621149.65	2632628.76	2649383.15	2634387.19	0.54	ppb
Calcium	44-1	2625628.32	2644608.18	2645163.45	2638466.65	0.42	ppb
Chromium	52-2	72.43	73.48	72.18	72.70	0.95	ppb
Cobalt	59-2	28.96	29.24	29.29	29.16	0.62	ppb
Copper	63-2	60.90	62.78	61.48	61.72	1.56	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				97		%
Holmium	165-2				98		%
Indium	115-1				92		%
Indium	115-2				100		%
Iron	56-2	179034.48	180245.99	176516.13	178598.87	1.07	ppb
Iron	57-2	188395.49	189920.44	186062.25	188126.06	1.03	ppb
Krypton	83-1						cps
Lead	206-1	122.25	121.37	123.75	122.46	0.98	ppb
Lead	207-1	111.63	111.67	113.35	112.22	0.87	ppb
Lead	208-1	115.96	114.70	117.37	116.01	1.15	ppb
Lithium	6-1				97		%
Magnesium	24-2	18605.12	18779.64	18429.45	18604.74	0.94	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 14:26:35 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1826.89	1856.27	1825.97	1836.38	0.94	ppb
Molybdenum	94-1	97.31	96.68	97.81	97.27	0.58	ppb
Molybdenum	95-1	1.95	1.87	1.72	1.85	6.29	ppb
Molybdenum	96-1	14.67	14.65	14.54	14.62	0.50	ppb
Molybdenum	97-1	1.91	1.93	1.89	1.91	0.95	ppb
Molybdenum	98-1	1.83	1.78	1.85	1.82	1.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	154.41	159.38	155.82	156.54	1.64	ppb
Phosphorus	31-2	3254.51	3490.64	3376.12	3373.76	3.50	ppb
Potassium	39-2	6592.35	6645.52	6587.61	6608.49	0.49	ppb
Rhodium	103-1				85		%
Rhodium	103-2				89		%
Scandium	45-1				106		%
Scandium	45-2				117		%
Selenium	77-2	44.41	57.25	54.32	52.00	12.95	ppb
Selenium	78-2	17.06	12.63	17.55	15.74	17.21	ppb
Selenium	82-1	6.31	7.53	5.46	6.43	16.20	ppb
Silicon	28-1	9085.87	9099.46	9117.57	9100.96	0.17	ppb
Silver	109-1	0.12	0.13	0.13	0.13	4.25	ppb
Silver	107-1	0.32	0.25	0.28	0.28	11.68	ppb
Sodium	23-2	1109.15	1118.50	1106.97	1111.54	0.55	ppb
Strontium	86-1	1391.48	1365.77	1385.03	1380.76	0.97	ppb
Strontium	88-1	1403.62	1394.09	1407.40	1401.70	0.49	ppb
Sulfur	34-1	23681.33	23939.53	23893.71	23838.19	0.58	ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	1.40	1.42	1.36	1.39	2.02	ppb
Thallium	205-1	1.43	1.39	1.41	1.41	1.46	ppb
Thorium	232-1	23.55	23.82	23.85	23.74	0.69	ppb
Tin	118-1	0.16	0.26	0.13	0.18	36.01	ppb
Titanium	47-1	29.44	28.51	29.13	29.03	1.64	ppb
Uranium	238-1	11.43	11.62	11.53	11.53	0.83	ppb
Vanadium	51-2	454.64	460.43	454.20	456.42	0.76	ppb
Yttrium	89-1				128		%
Yttrium	89-2				138		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-04	Instrumnet Name :	P7
Client Sample ID :	KY030LC066-SD-190712	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 14:26:35	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	321.57	334.48	330.68	328.91	2.02	ppb
Zirconium	90-1	62.68	61.83	61.96	62.16	0.74	ppb
Zirconium	91-1	65.03	64.28	63.60	64.31	1.11	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04DUP Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 14:30:16 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29212.93	29006.74	29440.52	29220.06	0.74	ppb
Antimony	121-1	0.60	0.60	0.61	0.60	1.24	ppb
Arsenic	75-2	64.84	65.25	64.63	64.91	0.48	ppb
Barium	135-1	406.02	405.86	403.16	405.01	0.40	ppb
Barium	137-1	402.37	398.49	393.37	398.07	1.13	ppb
Beryllium	9-1	5.22	5.16	5.13	5.17	0.87	ppb
Bismuth	209-1				80		%
Bismuth	209-2				80		%
Boron	10-1	20.98	20.54	19.71	20.41	3.15	ppb
Boron	11-1	21.51	22.05	21.23	21.60	1.92	ppb
Cadmium	111-1	3.79	3.94	3.42	3.72	7.26	ppb
Cadmium	106-1	29.71	32.29	28.27	30.09	6.77	ppb
Cadmium	108-1	15.36	14.66	14.26	14.76	3.78	ppb
Calcium	43-1	2542905.79	2538777.64	2547766.83	2543150.09	0.18	ppb
Calcium	44-1	2520675.66	2545609.36	2549114.85	2538466.62	0.61	ppb
Chromium	52-2	72.49	72.58	73.23	72.77	0.56	ppb
Cobalt	59-2	29.16	29.18	29.35	29.23	0.35	ppb
Copper	63-2	59.93	59.51	60.26	59.90	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				96		%
Holmium	165-2				97		%
Indium	115-1				90		%
Indium	115-2				99		%
Iron	56-2	165826.40	162384.53	164315.55	164175.49	1.05	ppb
Iron	57-2	174804.00	172671.24	173269.74	173581.66	0.63	ppb
Krypton	83-1						cps
Lead	206-1	123.26	121.28	117.80	120.78	2.29	ppb
Lead	207-1	112.92	111.40	108.33	110.88	2.11	ppb
Lead	208-1	116.41	114.65	111.45	114.17	2.20	ppb
Lithium	6-1				97		%
Magnesium	24-2	18778.28	18442.17	18642.74	18621.06	0.91	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04DUP Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 14:30:16 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1804.89	1783.74	1811.80	1800.14	0.81	ppb
Molybdenum	94-1	94.86	94.38	94.40	94.54	0.28	ppb
Molybdenum	95-1	1.71	1.85	1.85	1.80	4.39	ppb
Molybdenum	96-1	14.20	14.43	14.33	14.32	0.80	ppb
Molybdenum	97-1	1.61	1.66	1.81	1.69	6.34	ppb
Molybdenum	98-1	1.86	1.82	1.89	1.86	1.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	147.94	147.14	146.54	147.21	0.48	ppb
Phosphorus	31-2	3471.95	3492.71	3447.89	3470.85	0.65	ppb
Potassium	39-2	7119.00	6941.25	7082.94	7047.73	1.33	ppb
Rhodium	103-1				85		%
Rhodium	103-2				88		%
Scandium	45-1				106		%
Scandium	45-2				115		%
Selenium	77-2	46.14	50.97	51.60	49.57	6.02	ppb
Selenium	78-2	19.16	15.96	15.13	16.75	12.69	ppb
Selenium	82-1	5.27	6.88	5.96	6.04	13.41	ppb
Silicon	28-1	10356.95	10364.24	10363.39	10361.53	0.04	ppb
Silver	109-1	0.16	0.12	0.14	0.14	15.05	ppb
Silver	107-1	0.35	0.35	0.30	0.33	7.84	ppb
Sodium	23-2	1107.39	1085.42	1113.02	1101.94	1.32	ppb
Strontium	86-1	1359.42	1353.48	1349.02	1353.97	0.39	ppb
Strontium	88-1	1365.36	1381.08	1380.38	1375.61	0.65	ppb
Sulfur	34-1	25271.22	25271.30	25025.67	25189.40	0.56	ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	1.38	1.35	1.23	1.32	5.82	ppb
Thallium	205-1	1.32	1.35	1.30	1.32	2.02	ppb
Thorium	232-1	25.18	25.15	24.35	24.89	1.88	ppb
Tin	118-1	0.05	0.10	0.03	0.06	58.43	ppb
Titanium	47-1	34.55	33.51	32.74	33.60	2.70	ppb
Uranium	238-1	11.88	11.84	11.62	11.78	1.20	ppb
Vanadium	51-2	427.38	423.22	426.01	425.54	0.50	ppb
Yttrium	89-1				128		%
Yttrium	89-2				137		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-04DUP	Instrumnet Name :	P7
Client Sample ID :	KY030LC066-SD-190712	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 14:30:16	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	296.28	296.09	291.29	294.55	0.96	ppb
Zirconium	90-1	61.48	61.45	61.55	61.49	0.09	ppb
Zirconium	91-1	64.55	62.76	64.76	64.02	1.71	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04LX5 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 14:33:57 DataFile Name : 027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5809.53	5871.77	5824.93	5835.41	0.56	ppb
Antimony	121-1	0.13	0.17	0.14	0.14	13.44	ppb
Arsenic	75-2	16.16	17.88	16.51	16.85	5.40	ppb
Barium	135-1	75.42	73.94	74.44	74.60	1.01	ppb
Barium	137-1	74.84	74.13	73.73	74.23	0.76	ppb
Beryllium	9-1	1.12	1.15	1.11	1.13	1.68	ppb
Bismuth	209-1				90		%
Bismuth	209-2				90		%
Boron	10-1	7.61	5.94	7.59	7.04	13.57	ppb
Boron	11-1	7.03	7.06	6.80	6.96	2.07	ppb
Cadmium	111-1	0.80	0.76	0.84	0.80	4.84	ppb
Cadmium	106-1	6.85	6.36	7.74	6.98	10.02	ppb
Cadmium	108-1	2.08	2.53	3.26	2.63	22.66	ppb
Calcium	43-1	530438.68	535096.38	534516.68	533350.58	0.48	ppb
Calcium	44-1	531760.85	534420.76	532659.89	532947.17	0.25	ppb
Chromium	52-2	15.61	15.70	15.69	15.67	0.32	ppb
Cobalt	59-2	6.24	6.44	6.55	6.41	2.46	ppb
Copper	63-2	14.26	14.31	14.20	14.26	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				100		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				105		%
Iron	56-2	40198.70	39468.66	39119.56	39595.64	1.39	ppb
Iron	57-2	42490.94	42263.72	41995.76	42250.14	0.59	ppb
Krypton	83-1						cps
Lead	206-1	23.23	23.09	23.21	23.18	0.34	ppb
Lead	207-1	21.25	20.73	21.49	21.16	1.82	ppb
Lead	208-1	21.98	21.72	22.16	21.95	0.99	ppb
Lithium	6-1				100		%
Magnesium	24-2	4027.49	4032.20	4022.52	4027.40	0.12	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04LX5 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 14:33:57 DataFile Name : 027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	402.56	404.39	400.58	402.51	0.47	ppb
Molybdenum	94-1	22.82	22.17	22.42	22.47	1.46	ppb
Molybdenum	95-1	0.46	0.47	0.43	0.45	4.88	ppb
Molybdenum	96-1	3.35	3.55	3.57	3.49	3.51	ppb
Molybdenum	97-1	0.44	0.46	0.57	0.49	13.69	ppb
Molybdenum	98-1	0.47	0.46	0.48	0.47	2.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	35.70	35.32	35.80	35.61	0.71	ppb
Phosphorus	31-2	703.11	712.73	648.68	688.17	5.02	ppb
Potassium	39-2	1342.07	1368.68	1348.92	1353.22	1.02	ppb
Rhodium	103-1				95		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				107		%
Selenium	77-2	14.99	6.38	12.87	11.41	39.33	ppb
Selenium	78-2	5.08	4.30	2.90	4.09	26.96	ppb
Selenium	82-1	1.84	1.24	1.24	1.44	24.07	ppb
Silicon	28-1	1771.05	1781.03	1769.94	1774.01	0.34	ppb
Silver	109-1	0.03	0.02	0.00	0.02	76.06	ppb
Silver	107-1	0.07	0.03	0.07	0.06	42.32	ppb
Sodium	23-2	232.02	229.76	221.53	227.77	2.42	ppb
Strontium	86-1	333.12	334.34	322.85	330.10	1.91	ppb
Strontium	88-1	332.44	331.54	332.60	332.19	0.17	ppb
Sulfur	34-1	4536.24	4218.32	4267.01	4340.52	3.95	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.22	0.23	0.26	0.24	7.90	ppb
Thallium	205-1	0.27	0.24	0.25	0.25	5.72	ppb
Thorium	232-1	4.22	4.12	4.17	4.17	1.18	ppb
Tin	118-1	-0.02	-0.01	-0.04	-0.02		ppb
Titanium	47-1	5.67	5.66	5.68	5.67	0.15	ppb
Uranium	238-1	2.19	1.98	2.06	2.08	5.04	ppb
Vanadium	51-2	95.47	96.82	95.15	95.82	0.93	ppb
Yttrium	89-1				109		%
Yttrium	89-2				113		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-04LX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC066-SD-190712	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 14:33:57	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	85.95	87.14	85.04	86.04	1.23	ppb
Zirconium	90-1	14.91	14.69	14.30	14.63	2.13	ppb
Zirconium	91-1	14.85	14.86	14.64	14.78	0.84	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04MS Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 14:37:35 DataFile Name : 028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89705.61	88970.65	89417.78	89364.68	0.41	ppb
Antimony	121-1	53.14	54.04	53.75	53.64	0.85	ppb
Arsenic	75-2	362.84	360.51	359.20	360.85	0.51	ppb
Barium	135-1	2804.63	2788.91	2810.35	2801.30	0.40	ppb
Barium	137-1	2777.57	2769.52	2766.91	2771.33	0.20	ppb
Beryllium	9-1	440.11	439.44	439.89	439.81	0.08	ppb
Bismuth	209-1				80		%
Bismuth	209-2				80		%
Boron	10-1	397.63	404.98	405.18	402.60	1.07	ppb
Boron	11-1	406.37	418.65	412.71	412.57	1.49	ppb
Cadmium	111-1	402.21	402.89	400.92	402.00	0.25	ppb
Cadmium	106-1	440.79	438.91	434.60	438.10	0.72	ppb
Cadmium	108-1	419.85	425.91	416.90	420.89	1.09	ppb
Calcium	43-1	1781133.56	1754868.28	1779991.08	1771997.64	0.84	ppb
Calcium	44-1	1778996.48	1748281.60	1771636.05	1766304.71	0.91	ppb
Chromium	52-2	499.16	497.47	498.00	498.21	0.17	ppb
Cobalt	59-2	417.51	414.61	419.89	417.34	0.63	ppb
Copper	63-2	765.89	759.04	769.56	764.83	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				96		%
Indium	115-1				88		%
Indium	115-2				96		%
Iron	56-2	96273.32	94094.51	95944.95	95437.59	1.23	ppb
Iron	57-2	102265.58	101052.46	101634.84	101650.96	0.60	ppb
Krypton	83-1						cps
Lead	206-1	548.70	535.13	550.63	544.82	1.55	ppb
Lead	207-1	561.68	552.36	560.98	558.34	0.93	ppb
Lead	208-1	544.18	537.64	544.60	542.14	0.72	ppb
Lithium	6-1				93		%
Magnesium	24-2	65094.09	64040.14	64600.46	64578.23	0.82	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04MS Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 14:37:35 DataFile Name : 028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2397.81	2381.07	2397.64	2392.17	0.40	ppb
Molybdenum	94-1	1471.46	1456.77	1460.64	1462.96	0.52	ppb
Molybdenum	95-1	1348.50	1323.04	1323.65	1331.73	1.09	ppb
Molybdenum	96-1	1362.23	1348.09	1338.31	1349.54	0.89	ppb
Molybdenum	97-1	1316.31	1293.24	1298.44	1302.66	0.93	ppb
Molybdenum	98-1	1339.11	1326.38	1328.31	1331.27	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	455.88	452.02	456.39	454.76	0.53	ppb
Phosphorus	31-2	3792.50	3681.04	3788.81	3754.12	1.69	ppb
Potassium	39-2	35950.48	35833.15	35941.43	35908.35	0.18	ppb
Rhodium	103-1				82		%
Rhodium	103-2				86		%
Scandium	45-1				102		%
Scandium	45-2				110		%
Selenium	77-2	320.64	355.37	359.15	345.05	6.15	ppb
Selenium	78-2	309.75	294.50	297.24	300.49	2.71	ppb
Selenium	82-1	291.07	289.14	289.75	289.99	0.34	ppb
Silicon	28-1	17464.29	18382.50	17564.96	17803.92	2.83	ppb
Silver	109-1	376.59	375.61	377.98	376.73	0.32	ppb
Silver	107-1	375.33	379.21	376.72	377.09	0.52	ppb
Sodium	23-2	41962.25	41370.68	41582.37	41638.43	0.72	ppb
Strontium	86-1	1444.96	1444.61	1434.81	1441.46	0.40	ppb
Strontium	88-1	1469.69	1467.52	1471.42	1469.54	0.13	ppb
Sulfur	34-1	32306.99	31705.59	31792.37	31934.98	1.02	ppb
Terbium	159-1				95		%
Terbium	159-2				97		%
Thallium	203-1	449.66	443.31	449.22	447.40	0.79	ppb
Thallium	205-1	439.80	442.14	447.07	443.00	0.84	ppb
Thorium	232-1	31.95	31.66	31.80	31.80	0.46	ppb
Tin	118-1	53.01	54.24	54.46	53.90	1.44	ppb
Titanium	47-1	797.79	789.10	778.28	788.39	1.24	ppb
Uranium	238-1	463.01	460.33	467.12	463.49	0.74	ppb
Vanadium	51-2	600.15	590.82	597.09	596.02	0.80	ppb
Yttrium	89-1				126		%
Yttrium	89-2				134		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-04MS	Instrumnet Name :	P7
Client Sample ID :	KY030LC066-SD-190712	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 14:37:35	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	769.09	749.43	770.62	763.05	1.55	ppb
Zirconium	90-1	355.52	352.36	352.12	353.33	0.54	ppb
Zirconium	91-1	357.05	355.20	358.16	356.80	0.42	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P7
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 14:51:15	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52099.44	51873.37	51477.54	51816.78	0.61	ppb
Antimony	121-1	524.66	511.44	536.34	524.15	2.38	ppb
Arsenic	75-2	527.90	514.53	513.70	518.71	1.54	ppb
Barium	135-1	2481.62	2435.77	2561.03	2492.81	2.54	ppb
Barium	137-1	2530.66	2466.49	2613.29	2536.81	2.90	ppb
Beryllium	9-1	512.17	502.73	521.50	512.13	1.83	ppb
Bismuth	209-1				85		%
Bismuth	209-2				85		%
Boron	10-1	479.57	488.85	512.78	493.73	3.47	ppb
Boron	11-1	475.36	479.04	501.05	485.15	2.86	ppb
Cadmium	111-1	506.56	500.10	520.77	509.14	2.08	ppb
Cadmium	106-1	501.29	503.60	543.67	516.19	4.62	ppb
Cadmium	108-1	531.76	499.84	527.78	519.79	3.35	ppb
Calcium	43-1	235534.48	230010.18	237961.53	234502.06	1.74	ppb
Calcium	44-1	235861.47	230456.85	238752.09	235023.47	1.79	ppb
Chromium	52-2	494.34	501.85	498.94	498.38	0.76	ppb
Cobalt	59-2	476.46	483.71	483.61	481.26	0.86	ppb
Copper	63-2	1005.66	1015.08	1006.77	1009.17	0.51	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				98		%
Indium	115-1				91		%
Indium	115-2				97		%
Iron	56-2	126120.64	125904.93	125039.47	125688.34	0.46	ppb
Iron	57-2	125422.58	125325.22	124160.12	124969.31	0.56	ppb
Krypton	83-1						cps
Lead	206-1	499.11	487.20	502.86	496.39	1.65	ppb
Lead	207-1	507.77	492.12	505.21	501.70	1.67	ppb
Lead	208-1	503.46	496.11	509.26	502.94	1.31	ppb
Lithium	6-1				93		%
Magnesium	24-2	245514.79	246204.36	245337.46	245685.54	0.19	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P7
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 14:51:15	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	979.82	989.07	987.26	985.38	0.50	ppb
Molybdenum	94-1	2504.26	2460.63	2544.72	2503.21	1.68	ppb
Molybdenum	95-1	2493.44	2464.59	2534.69	2497.57	1.41	ppb
Molybdenum	96-1	2487.79	2443.18	2548.44	2493.14	2.12	ppb
Molybdenum	97-1	2493.67	2457.49	2543.58	2498.25	1.73	ppb
Molybdenum	98-1	2502.87	2452.55	2533.33	2496.25	1.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	471.55	484.70	480.41	478.89	1.40	ppb
Phosphorus	31-2	9926.40	10013.58	9846.45	9928.81	0.84	ppb
Potassium	39-2	123841.41	124252.72	123018.63	123704.25	0.51	ppb
Rhodium	103-1				88		%
Rhodium	103-2				91		%
Scandium	45-1				97		%
Scandium	45-2				101		%
Selenium	77-2	481.81	508.79	457.67	482.76	5.30	ppb
Selenium	78-2	500.59	502.81	502.99	502.13	0.27	ppb
Selenium	82-1	476.31	467.06	483.68	475.68	1.75	ppb
Silicon	28-1	465.28	461.30	479.92	468.83	2.09	ppb
Silver	109-1	530.38	521.89	544.09	532.12	2.11	ppb
Silver	107-1	531.64	521.26	542.55	531.82	2.00	ppb
Sodium	23-2	244431.97	242494.91	242923.00	243283.29	0.42	ppb
Strontium	86-1	563.98	551.83	572.19	562.67	1.82	ppb
Strontium	88-1	580.56	568.76	589.46	579.59	1.79	ppb
Sulfur	34-1	10031.98	9585.18	10320.29	9979.15	3.71	ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	490.55	480.96	498.58	490.03	1.80	ppb
Thallium	205-1	507.81	496.74	516.40	506.98	1.94	ppb
Thorium	232-1	512.17	509.72	521.40	514.43	1.20	ppb
Tin	118-1	491.07	475.65	499.85	488.86	2.51	ppb
Titanium	47-1	2411.71	2345.27	2445.65	2400.88	2.13	ppb
Uranium	238-1	512.65	495.80	524.20	510.89	2.80	ppb
Vanadium	51-2	497.73	503.51	499.85	500.37	0.58	ppb
Yttrium	89-1				97		%
Yttrium	89-2				102		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P7
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 14:51:15	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	949.66	956.83	966.11	957.53	0.86	ppb
Zirconium	90-1	498.29	489.01	511.02	499.44	2.21	ppb
Zirconium	91-1	489.86	474.91	500.88	488.55	2.67	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P7
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 14:57:18	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.14	0.71	1.10	0.65	74.55	ppb
Antimony	121-1	0.21	0.21	0.24	0.22	7.91	ppb
Arsenic	75-2	0.04	0.04	0.00	0.03	87.16	ppb
Barium	135-1	0.08	0.06	0.00	0.05	87.94	ppb
Barium	137-1	0.09	0.10	0.08	0.09	11.05	ppb
Beryllium	9-1	0.06	0.04	0.04	0.05	24.82	ppb
Bismuth	209-1				94		%
Bismuth	209-2				93		%
Boron	10-1	13.43	11.77	11.25	12.15	9.34	ppb
Boron	11-1	13.56	12.70	12.42	12.90	4.61	ppb
Cadmium	111-1	-0.05	-0.04	-0.10	-0.07		ppb
Cadmium	106-1	-1.05	-0.75	-1.98	-1.26		ppb
Cadmium	108-1	-0.13	-0.13	-0.13	-0.13		ppb
Calcium	43-1	9.85	4.95	6.31	7.04	35.95	ppb
Calcium	44-1	6.94	5.23	4.92	5.70	19.13	ppb
Chromium	52-2	0.01	-0.07	-0.06	-0.04		ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	74.71	ppb
Copper	63-2	0.08	0.00	0.02	0.03	118.86	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				96		%
Holmium	165-2				96		%
Indium	115-1				95		%
Indium	115-2				100		%
Iron	56-2	2.71	2.51	2.44	2.55	5.50	ppb
Iron	57-2	3.74	5.21	4.32	4.43	16.73	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.04	0.03	0.03	36.95	ppb
Lead	207-1	0.03	0.01	0.01	0.01	79.61	ppb
Lead	208-1	0.01	0.02	0.01	0.01	35.65	ppb
Lithium	6-1				94		%
Magnesium	24-2	4.44	4.14	3.00	3.86	19.69	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P7
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 14:57:18	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.02	0.00	0.01	73.12	ppb
Molybdenum	94-1	0.24	0.16	0.26	0.22	24.82	ppb
Molybdenum	95-1	0.23	0.10	0.12	0.15	46.72	ppb
Molybdenum	96-1	0.16	0.17	0.08	0.14	34.25	ppb
Molybdenum	97-1	0.21	0.28	0.21	0.24	16.86	ppb
Molybdenum	98-1	0.19	0.16	0.19	0.18	9.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	0.06	0.03	86.16	ppb
Phosphorus	31-2	-54.84	-51.79	-41.93	-49.52		ppb
Potassium	39-2	9.44	11.37	11.04	10.61	9.75	ppb
Rhodium	103-1				95		%
Rhodium	103-2				98		%
Scandium	45-1				94		%
Scandium	45-2				98		%
Selenium	77-2	0.00	0.00	1.19	0.40	173.21	ppb
Selenium	78-2	0.26	1.64	0.59	0.83	87.19	ppb
Selenium	82-1	-0.63	0.72	-0.31	-0.07		ppb
Silicon	28-1	1.91	1.65	1.89	1.82	7.84	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	-0.01	-0.01	-0.01	-0.01		ppb
Sodium	23-2	6.66	7.39	4.67	6.24	22.56	ppb
Strontium	86-1	0.05	-0.05	-0.01	0.00		ppb
Strontium	88-1	0.01	0.02	0.01	0.01	38.93	ppb
Sulfur	34-1	-473.16	-538.18	-688.99	-566.78		ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	0.05	0.03	0.05	0.04	32.25	ppb
Thallium	205-1	0.02	0.05	0.02	0.03	45.90	ppb
Thorium	232-1	0.04	0.04	0.03	0.04	13.94	ppb
Tin	118-1	-0.03	0.03	0.00	0.00		ppb
Titanium	47-1	0.03	0.14	0.11	0.09	59.76	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	33.25	ppb
Vanadium	51-2	0.01	0.00	0.00	0.01	43.47	ppb
Yttrium	89-1				97		%
Yttrium	89-2				100		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P7
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 14:57:18	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.02	-0.09	0.03	-0.03		ppb
Zirconium	90-1	0.01	0.02	0.03	0.02	52.06	ppb
Zirconium	91-1	0.01	0.02	-0.03	0.00		ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04MSD Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 15:00:54 DataFile Name : 031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96770.18	94381.86	99317.35	96823.13	2.55	ppb
Antimony	121-1	34.64	34.28	34.07	34.33	0.84	ppb
Arsenic	75-2	385.73	381.09	400.58	389.13	2.62	ppb
Barium	135-1	3001.33	3017.25	3011.93	3010.17	0.27	ppb
Barium	137-1	2988.11	3006.42	3008.03	3000.85	0.37	ppb
Beryllium	9-1	471.50	474.40	473.40	473.10	0.31	ppb
Bismuth	209-1				78		%
Bismuth	209-2				76		%
Boron	10-1	408.39	416.64	424.51	416.51	1.94	ppb
Boron	11-1	410.31	419.33	417.67	415.77	1.15	ppb
Cadmium	111-1	427.88	435.44	429.09	430.80	0.94	ppb
Cadmium	106-1	462.06	475.36	478.58	472.00	1.85	ppb
Cadmium	108-1	438.59	462.10	450.22	450.30	2.61	ppb
Calcium	43-1	1876230.18	1886873.23	1893993.06	1885698.82	0.47	ppb
Calcium	44-1	1862471.66	1875799.04	1883275.33	1873848.67	0.56	ppb
Chromium	52-2	536.11	531.34	562.50	543.32	3.09	ppb
Cobalt	59-2	450.01	449.80	476.41	458.74	3.34	ppb
Copper	63-2	826.52	812.36	863.92	834.27	3.19	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				92		%
Holmium	165-2				91		%
Indium	115-1				85		%
Indium	115-2				91		%
Iron	56-2	98183.74	96538.87	101302.35	98674.99	2.45	ppb
Iron	57-2	104973.21	103537.23	108877.82	105796.09	2.61	ppb
Krypton	83-1						cps
Lead	206-1	583.02	599.70	588.13	590.28	1.45	ppb
Lead	207-1	599.94	612.72	610.40	607.69	1.12	ppb
Lead	208-1	584.95	599.91	590.46	591.77	1.28	ppb
Lithium	6-1				92		%
Magnesium	24-2	69951.07	68789.58	71380.91	70040.52	1.85	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04MSD Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 15:00:54 DataFile Name : 031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2542.66	2506.50	2647.38	2565.51	2.85	ppb
Molybdenum	94-1	1496.99	1497.88	1508.66	1501.18	0.43	ppb
Molybdenum	95-1	1360.92	1360.86	1362.03	1361.27	0.05	ppb
Molybdenum	96-1	1377.12	1378.98	1375.64	1377.24	0.12	ppb
Molybdenum	97-1	1310.89	1309.59	1308.26	1309.58	0.10	ppb
Molybdenum	98-1	1361.80	1363.97	1350.21	1358.66	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	490.52	487.12	511.67	496.44	2.68	ppb
Phosphorus	31-2	3431.31	3561.98	3981.27	3658.19	7.85	ppb
Potassium	39-2	39136.58	38479.23	40458.07	39357.96	2.56	ppb
Rhodium	103-1				79		%
Rhodium	103-2				82		%
Scandium	45-1				98		%
Scandium	45-2				105		%
Selenium	77-2	373.81	399.24	407.63	393.56	4.47	ppb
Selenium	78-2	324.14	333.32	340.74	332.73	2.50	ppb
Selenium	82-1	307.81	304.41	305.28	305.83	0.58	ppb
Silicon	28-1	9669.62	9766.98	9695.99	9710.87	0.52	ppb
Silver	109-1	403.89	406.23	403.30	404.47	0.38	ppb
Silver	107-1	403.74	410.19	405.82	406.58	0.81	ppb
Sodium	23-2	45737.83	45125.88	47053.32	45972.34	2.14	ppb
Strontium	86-1	1466.64	1466.25	1469.97	1467.62	0.14	ppb
Strontium	88-1	1488.23	1504.57	1502.16	1498.32	0.59	ppb
Sulfur	34-1	31472.59	31647.14	32224.49	31781.41	1.24	ppb
Terbium	159-1				93		%
Terbium	159-2				93		%
Thallium	203-1	486.02	496.84	486.49	489.78	1.25	ppb
Thallium	205-1	482.35	493.24	489.23	488.27	1.13	ppb
Thorium	232-1	34.93	34.88	35.00	34.94	0.17	ppb
Tin	118-1	49.51	50.08	50.60	50.06	1.09	ppb
Titanium	47-1	559.62	549.96	556.99	555.52	0.90	ppb
Uranium	238-1	512.55	517.27	516.53	515.45	0.49	ppb
Vanadium	51-2	626.98	618.92	655.79	633.89	3.06	ppb
Yttrium	89-1				124		%
Yttrium	89-2				130		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-04MSD	Instrumnet Name :	P7
Client Sample ID :	KY030LC066-SD-190712	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 15:00:54	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	803.14	792.50	850.41	815.35	3.78	ppb
Zirconium	90-1	369.66	374.60	375.11	373.12	0.81	ppb
Zirconium	91-1	371.01	378.09	371.96	373.69	1.03	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04A Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 15:04:35 DataFile Name : 032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97615.19	95374.44	95822.14	96270.59	1.23	ppb
Antimony	121-1	302.77	303.78	297.25	301.27	1.17	ppb
Arsenic	75-2	391.70	392.95	391.20	391.95	0.23	ppb
Barium	135-1	3035.73	3073.29	3040.82	3049.95	0.67	ppb
Barium	137-1	3040.35	3058.40	3033.05	3043.93	0.43	ppb
Beryllium	9-1	481.74	478.85	478.59	479.73	0.36	ppb
Bismuth	209-1				77		%
Bismuth	209-2				77		%
Boron	10-1	420.81	450.74	436.94	436.17	3.43	ppb
Boron	11-1	441.01	443.85	443.97	442.94	0.38	ppb
Cadmium	111-1	441.73	437.30	434.76	437.93	0.81	ppb
Cadmium	106-1	493.49	476.90	468.15	479.51	2.68	ppb
Cadmium	108-1	484.28	459.56	460.16	468.00	3.01	ppb
Calcium	43-1	1834646.68	1858194.67	1811128.34	1834656.56	1.28	ppb
Calcium	44-1	1856368.55	1866505.35	1826914.35	1849929.41	1.11	ppb
Chromium	52-2	543.49	538.00	536.40	539.29	0.69	ppb
Cobalt	59-2	456.26	454.78	452.53	454.52	0.41	ppb
Copper	63-2	831.31	834.51	832.71	832.84	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				90		%
Holmium	165-2				92		%
Indium	115-1				84		%
Indium	115-2				92		%
Iron	56-2	99061.73	97024.31	96717.73	97601.26	1.31	ppb
Iron	57-2	106291.68	104554.93	104389.75	105078.79	1.00	ppb
Krypton	83-1						cps
Lead	206-1	596.77	599.53	604.04	600.11	0.61	ppb
Lead	207-1	614.56	609.84	616.63	613.68	0.57	ppb
Lead	208-1	594.53	596.35	598.42	596.43	0.33	ppb
Lithium	6-1				91		%
Magnesium	24-2	70842.15	69069.14	69183.82	69698.37	1.42	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04A Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 15:04:35 DataFile Name : 032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2545.16	2533.59	2506.19	2528.31	0.79	ppb
Molybdenum	94-1	1540.29	1567.78	1572.68	1560.25	1.12	ppb
Molybdenum	95-1	1410.30	1425.93	1421.44	1419.22	0.57	ppb
Molybdenum	96-1	1433.50	1438.77	1440.29	1437.52	0.25	ppb
Molybdenum	97-1	1371.18	1388.92	1378.08	1379.39	0.65	ppb
Molybdenum	98-1	1406.49	1426.39	1422.99	1418.62	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	494.77	489.66	487.06	490.49	0.80	ppb
Phosphorus	31-2	3568.88	3513.09	3700.17	3594.04	2.67	ppb
Potassium	39-2	39700.29	38927.43	38614.28	39080.67	1.43	ppb
Rhodium	103-1				79		%
Rhodium	103-2				83		%
Scandium	45-1				97		%
Scandium	45-2				106		%
Selenium	77-2	387.38	386.33	372.34	382.02	2.20	ppb
Selenium	78-2	325.81	326.96	321.64	324.80	0.86	ppb
Selenium	82-1	310.66	315.82	308.38	311.62	1.22	ppb
Silicon	28-1	13320.02	13255.94	13303.70	13293.22	0.25	ppb
Silver	109-1	495.42	495.79	495.12	495.44	0.07	ppb
Silver	107-1	497.27	497.32	494.43	496.34	0.33	ppb
Sodium	23-2	46338.24	45472.65	45634.47	45815.12	1.00	ppb
Strontium	86-1	1467.75	1491.42	1485.28	1481.48	0.83	ppb
Strontium	88-1	1500.29	1510.06	1515.42	1508.59	0.51	ppb
Sulfur	34-1	31982.96	31561.41	30802.18	31448.85	1.90	ppb
Terbium	159-1				92		%
Terbium	159-2				93		%
Thallium	203-1	494.47	493.54	494.19	494.07	0.10	ppb
Thallium	205-1	489.74	485.85	492.12	489.24	0.65	ppb
Thorium	232-1	34.37	34.00	34.38	34.25	0.63	ppb
Tin	118-1	54.65	55.28	54.42	54.78	0.81	ppb
Titanium	47-1	698.51	687.35	692.91	692.92	0.81	ppb
Uranium	238-1	515.34	516.67	522.61	518.21	0.75	ppb
Vanadium	51-2	640.97	630.93	631.95	634.61	0.87	ppb
Yttrium	89-1				122		%
Yttrium	89-2				131		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-04A	Instrumnet Name :	P7
Client Sample ID :	KY030LC066-SD-190712	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 15:04:35	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	818.20	807.29	815.32	813.60	0.69	ppb
Zirconium	90-1	378.57	381.15	410.79	390.17	4.59	ppb
Zirconium	91-1	383.97	385.75	381.09	383.60	0.61	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-01DLX5 Instrumnet Name : P7
 Client Sample ID : LA119SW005-SD-190714 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 15:08:16 DataFile Name : 033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13564.28	13547.58	13458.46	13523.44	0.42	ppb
Antimony	121-1	0.29	0.23	0.32	0.28	15.42	ppb
Arsenic	75-2	6.66	6.59	7.20	6.82	4.87	ppb
Barium	135-1	132.37	130.12	129.48	130.66	1.16	ppb
Barium	137-1	130.31	130.97	128.40	129.90	1.03	ppb
Beryllium	9-1	1.03	1.10	0.91	1.01	9.70	ppb
Bismuth	209-1				92		%
Bismuth	209-2				91		%
Boron	10-1	31.81	30.15	29.64	30.53	3.72	ppb
Boron	11-1	32.43	30.57	29.22	30.74	5.24	ppb
Cadmium	111-1	0.98	0.79	0.86	0.88	10.98	ppb
Cadmium	106-1	5.80	5.13	6.60	5.84	12.56	ppb
Cadmium	108-1	2.83	1.12	2.04	2.00	42.82	ppb
Calcium	43-1	184130.40	183030.42	183612.25	183591.02	0.30	ppb
Calcium	44-1	182724.00	182519.87	182941.61	182728.49	0.12	ppb
Chromium	52-2	25.93	25.39	25.29	25.53	1.34	ppb
Cobalt	59-2	7.48	7.52	7.19	7.40	2.41	ppb
Copper	63-2	27.96	27.34	27.49	27.60	1.17	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				98		%
Indium	115-1				95		%
Indium	115-2				101		%
Iron	56-2	18721.34	18574.08	18125.17	18473.53	1.68	ppb
Iron	57-2	19820.58	19819.06	19573.58	19737.74	0.72	ppb
Krypton	83-1						cps
Lead	206-1	29.49	29.45	29.11	29.35	0.71	ppb
Lead	207-1	27.94	27.69	26.92	27.52	1.93	ppb
Lead	208-1	28.56	28.21	27.80	28.19	1.35	ppb
Lithium	6-1				95		%
Magnesium	24-2	4419.36	4436.14	4356.17	4403.89	0.96	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-01DLX5 Instrumnet Name : P7
 Client Sample ID : LA119SW005-SD-190712 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 15:08:16 DataFile Name : 033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	468.94	470.81	465.16	468.31	0.61	ppb
Molybdenum	94-1	18.74	18.52	17.56	18.27	3.42	ppb
Molybdenum	95-1	0.53	0.65	0.58	0.59	10.44	ppb
Molybdenum	96-1	2.84	2.85	2.87	2.85	0.49	ppb
Molybdenum	97-1	0.64	0.43	0.40	0.49	26.35	ppb
Molybdenum	98-1	0.61	0.50	0.51	0.54	10.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.77	17.19	16.43	16.80	2.27	ppb
Phosphorus	31-2	2365.06	2482.79	2211.19	2353.01	5.79	ppb
Potassium	39-2	3163.39	3204.95	3174.30	3180.88	0.68	ppb
Rhodium	103-1				93		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				101		%
Selenium	77-2	25.16	18.40	23.89	22.49	15.99	ppb
Selenium	78-2	6.53	5.71	9.99	7.41	30.64	ppb
Selenium	82-1	1.25	1.36	1.92	1.51	23.62	ppb
Silicon	28-1	1580.59	1577.50	1566.98	1575.02	0.45	ppb
Silver	109-1	0.21	0.18	0.18	0.19	7.04	ppb
Silver	107-1	0.27	0.21	0.21	0.23	14.48	ppb
Sodium	23-2	340.54	344.98	336.44	340.66	1.25	ppb
Strontium	86-1	158.83	158.43	153.01	156.76	2.07	ppb
Strontium	88-1	159.47	157.17	157.69	158.11	0.76	ppb
Sulfur	34-1	1250.74	1270.74	960.12	1160.53	14.98	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.36	0.26	0.20	0.27	28.14	ppb
Thallium	205-1	0.27	0.30	0.30	0.29	5.36	ppb
Thorium	232-1	5.41	5.30	5.30	5.34	1.23	ppb
Tin	118-1	0.14	0.18	0.23	0.18	22.52	ppb
Titanium	47-1	9.18	9.00	8.58	8.92	3.41	ppb
Uranium	238-1	1.47	1.48	1.53	1.49	2.27	ppb
Vanadium	51-2	33.41	32.69	32.93	33.01	1.10	ppb
Yttrium	89-1				107		%
Yttrium	89-2				111		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-01DLX5	Instrumnet Name :	P7
Client Sample ID :	LA119SW005-SD-190714	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 15:08:16	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	105.19	105.14	103.14	104.49	1.12	ppb
Zirconium	90-1	11.79	11.93	11.83	11.85	0.60	ppb
Zirconium	91-1	12.33	11.80	12.32	12.15	2.48	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-02DLX5 Instrumnet Name : P7
 Client Sample ID : KY030LC026-SD-190712 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 15:11:52 DataFile Name : 034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11291.44	11154.23	11202.05	11215.91	0.62	ppb
Antimony	121-1	0.10	0.09	0.10	0.10	10.55	ppb
Arsenic	75-2	10.08	9.88	10.14	10.04	1.33	ppb
Barium	135-1	97.25	95.16	98.16	96.86	1.59	ppb
Barium	137-1	95.22	92.73	94.80	94.25	1.42	ppb
Beryllium	9-1	1.10	1.13	1.17	1.13	3.02	ppb
Bismuth	209-1				87		%
Bismuth	209-2				86		%
Boron	10-1	30.15	28.89	27.98	29.01	3.75	ppb
Boron	11-1	29.84	30.30	29.87	30.00	0.86	ppb
Cadmium	111-1	1.08	1.09	1.10	1.09	1.14	ppb
Cadmium	106-1	8.80	8.23	8.64	8.55	3.46	ppb
Cadmium	108-1	3.45	2.76	3.45	3.22	12.48	ppb
Calcium	43-1	452596.56	450899.37	453415.54	452303.83	0.28	ppb
Calcium	44-1	455707.52	453691.00	452893.90	454097.48	0.32	ppb
Chromium	52-2	39.68	39.25	40.83	39.92	2.05	ppb
Cobalt	59-2	7.45	7.44	7.59	7.49	1.16	ppb
Copper	63-2	12.53	12.53	12.93	12.66	1.83	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				95		%
Holmium	165-2				97		%
Indium	115-1				93		%
Indium	115-2				99		%
Iron	56-2	20682.42	20319.56	20476.50	20492.83	0.89	ppb
Iron	57-2	23126.54	22923.71	23162.82	23071.02	0.56	ppb
Krypton	83-1						cps
Lead	206-1	35.21	33.39	34.44	34.35	2.65	ppb
Lead	207-1	32.95	31.37	31.91	32.08	2.50	ppb
Lead	208-1	33.87	32.34	32.88	33.03	2.35	ppb
Lithium	6-1				95		%
Magnesium	24-2	5258.75	5168.48	5260.98	5229.40	1.01	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-02DLX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC026-SD-190712	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 15:11:52	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	528.80	521.45	525.40	525.22	0.70	ppb
Molybdenum	94-1	18.41	18.23	18.55	18.40	0.87	ppb
Molybdenum	95-1	0.28	0.28	0.41	0.32	24.41	ppb
Molybdenum	96-1	2.57	2.60	2.81	2.66	5.02	ppb
Molybdenum	97-1	0.28	0.41	0.19	0.29	37.86	ppb
Molybdenum	98-1	0.34	0.33	0.29	0.32	7.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.06	13.99	12.99	13.35	4.18	ppb
Phosphorus	31-2	8495.98	8366.27	8700.06	8520.77	1.97	ppb
Potassium	39-2	3982.19	3928.43	3976.74	3962.45	0.75	ppb
Rhodium	103-1				90		%
Rhodium	103-2				93		%
Scandium	45-1				96		%
Scandium	45-2				100		%
Selenium	77-2	44.28	49.90	48.80	47.66	6.25	ppb
Selenium	78-2	13.07	12.70	14.45	13.40	6.88	ppb
Selenium	82-1	2.10	1.75	2.61	2.15	20.10	ppb
Silicon	28-1	453.76	448.03	456.52	452.77	0.96	ppb
Silver	109-1	0.15	0.09	0.11	0.12	24.53	ppb
Silver	107-1	0.15	0.15	0.14	0.14	2.59	ppb
Sodium	23-2	767.15	754.73	757.96	759.95	0.85	ppb
Strontium	86-1	323.43	320.76	320.45	321.55	0.51	ppb
Strontium	88-1	335.31	331.74	330.60	332.55	0.74	ppb
Sulfur	34-1	1080.18	1109.39	1169.12	1119.57	4.05	ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	0.24	0.28	0.20	0.24	16.00	ppb
Thallium	205-1	0.23	0.27	0.18	0.23	18.35	ppb
Thorium	232-1	6.33	6.14	6.22	6.23	1.58	ppb
Tin	118-1	0.37	0.24	0.28	0.30	21.63	ppb
Titanium	47-1	18.97	19.48	19.75	19.40	2.05	ppb
Uranium	238-1	4.68	4.28	4.48	4.48	4.39	ppb
Vanadium	51-2	33.97	32.77	33.16	33.30	1.84	ppb
Yttrium	89-1				122		%
Yttrium	89-2				126		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-02DLX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC026-SD-190712	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 15:11:52	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	72.86	70.90	71.44	71.73	1.41	ppb
Zirconium	90-1	12.12	11.70	12.09	11.97	1.96	ppb
Zirconium	91-1	11.98	12.27	12.33	12.19	1.51	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-03DLX5 Instrumnet Name : P7
 Client Sample ID : KY030LC058-SD-190712 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 15:15:31 DataFile Name : 035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15253.27	15365.49	15319.31	15312.69	0.37	ppb
Antimony	121-1	0.06	0.07	0.05	0.06	19.16	ppb
Arsenic	75-2	11.39	11.82	12.71	11.97	5.62	ppb
Barium	135-1	141.21	142.05	138.39	140.55	1.37	ppb
Barium	137-1	138.89	140.96	138.93	139.59	0.85	ppb
Beryllium	9-1	1.58	1.57	1.59	1.58	0.65	ppb
Bismuth	209-1				89		%
Bismuth	209-2				89		%
Boron	10-1	24.81	23.50	21.10	23.14	8.14	ppb
Boron	11-1	23.95	23.30	23.51	23.58	1.41	ppb
Cadmium	111-1	1.06	1.18	1.06	1.10	6.40	ppb
Cadmium	106-1	10.98	11.65	10.11	10.91	7.07	ppb
Cadmium	108-1	3.31	2.16	3.28	2.92	22.61	ppb
Calcium	43-1	282706.60	279086.39	277523.03	279772.01	0.95	ppb
Calcium	44-1	278702.57	279556.06	278063.04	278773.89	0.27	ppb
Chromium	52-2	55.54	55.52	56.56	55.87	1.07	ppb
Cobalt	59-2	9.68	9.61	9.82	9.70	1.09	ppb
Copper	63-2	42.82	43.74	43.40	43.32	1.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				98		%
Indium	115-1				94		%
Indium	115-2				100		%
Iron	56-2	29688.47	29553.46	29638.06	29626.66	0.23	ppb
Iron	57-2	31304.41	30870.08	31661.79	31278.76	1.27	ppb
Krypton	83-1						cps
Lead	206-1	32.38	32.34	31.33	32.02	1.86	ppb
Lead	207-1	31.00	29.68	29.36	30.01	2.90	ppb
Lead	208-1	31.23	30.82	29.95	30.66	2.13	ppb
Lithium	6-1				94		%
Magnesium	24-2	6420.48	6358.94	6452.63	6410.68	0.74	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-03DLX5 Instrumnet Name : P7
 Client Sample ID : KY030LC058-SD-190712 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 15:15:31 DataFile Name : 035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	786.91	780.78	794.48	787.39	0.87	ppb
Molybdenum	94-1	24.06	23.02	22.43	23.17	3.55	ppb
Molybdenum	95-1	0.28	0.26	0.21	0.25	12.89	ppb
Molybdenum	96-1	3.24	3.38	3.09	3.24	4.47	ppb
Molybdenum	97-1	0.25	0.23	0.31	0.26	14.77	ppb
Molybdenum	98-1	0.20	0.21	0.19	0.20	4.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	20.13	20.07	19.70	19.97	1.16	ppb
Phosphorus	31-2	8677.83	8417.70	8663.08	8586.21	1.70	ppb
Potassium	39-2	6062.17	6024.35	6011.12	6032.55	0.44	ppb
Rhodium	103-1				91		%
Rhodium	103-2				94		%
Scandium	45-1				97		%
Scandium	45-2				101		%
Selenium	77-2	61.24	84.60	38.82	61.55	37.20	ppb
Selenium	78-2	14.27	12.71	14.52	13.83	7.07	ppb
Selenium	82-1	1.84	1.81	1.58	1.74	8.31	ppb
Silicon	28-1	613.37	603.16	604.82	607.12	0.90	ppb
Silver	109-1	0.08	0.10	0.09	0.09	12.13	ppb
Silver	107-1	0.15	0.14	0.13	0.14	4.17	ppb
Sodium	23-2	479.97	483.27	485.86	483.03	0.61	ppb
Strontium	86-1	231.51	231.19	227.17	229.96	1.05	ppb
Strontium	88-1	236.94	236.64	235.89	236.49	0.23	ppb
Sulfur	34-1	1077.75	868.81	694.81	880.46	21.78	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.23	0.21	0.19	0.21	8.43	ppb
Thallium	205-1	0.17	0.25	0.22	0.21	19.59	ppb
Thorium	232-1	9.44	9.10	9.18	9.24	1.90	ppb
Tin	118-1	0.26	0.24	0.17	0.23	20.80	ppb
Titanium	47-1	14.07	14.45	14.30	14.27	1.34	ppb
Uranium	238-1	4.10	3.92	4.04	4.02	2.26	ppb
Vanadium	51-2	35.13	34.82	34.66	34.87	0.69	ppb
Yttrium	89-1				127		%
Yttrium	89-2				131		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-03DLX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC058-SD-190712	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 15:15:31	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	103.11	103.35	107.97	104.81	2.61	ppb
Zirconium	90-1	15.38	15.24	15.05	15.22	1.10	ppb
Zirconium	91-1	15.78	15.61	15.81	15.73	0.70	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-04DLX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC066-SD-190712	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 15:19:10	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6031.42	6048.04	6133.37	6070.94	0.90	ppb
Antimony	121-1	0.12	0.20	0.12	0.15	30.19	ppb
Arsenic	75-2	17.86	16.57	18.37	17.60	5.27	ppb
Barium	135-1	78.43	78.45	78.36	78.41	0.06	ppb
Barium	137-1	76.88	76.66	76.15	76.56	0.49	ppb
Beryllium	9-1	1.23	1.23	1.18	1.21	2.41	ppb
Bismuth	209-1				85		%
Bismuth	209-2				86		%
Boron	10-1	10.28	11.62	9.21	10.37	11.61	ppb
Boron	11-1	9.67	9.75	9.32	9.58	2.37	ppb
Cadmium	111-1	0.53	0.79	0.62	0.64	20.40	ppb
Cadmium	106-1	3.53	6.83	4.50	4.96	34.15	ppb
Cadmium	108-1	2.90	3.47	3.30	3.22	8.96	ppb
Calcium	43-1	558342.84	568442.32	563300.88	563362.01	0.90	ppb
Calcium	44-1	558684.61	569460.41	566369.09	564838.04	0.98	ppb
Chromium	52-2	15.87	16.49	16.31	16.22	1.97	ppb
Cobalt	59-2	6.81	6.70	6.53	6.68	2.10	ppb
Copper	63-2	15.18	15.37	15.46	15.34	0.95	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				94		%
Holmium	165-2				95		%
Indium	115-1				91		%
Indium	115-2				98		%
Iron	56-2	41931.67	41584.14	41565.83	41693.88	0.49	ppb
Iron	57-2	44419.93	44697.09	44363.54	44493.52	0.40	ppb
Krypton	83-1						cps
Lead	206-1	24.11	24.33	23.23	23.89	2.43	ppb
Lead	207-1	22.29	22.59	21.14	22.01	3.46	ppb
Lead	208-1	23.12	23.08	22.20	22.80	2.29	ppb
Lithium	6-1				93		%
Magnesium	24-2	4174.16	4177.01	4222.89	4191.35	0.65	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04DLX5 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 15:19:10 DataFile Name : 036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	421.66	418.28	419.04	419.66	0.42	ppb
Molybdenum	94-1	23.43	22.37	22.75	22.85	2.35	ppb
Molybdenum	95-1	0.44	0.47	0.45	0.45	3.31	ppb
Molybdenum	96-1	3.69	3.58	3.70	3.66	1.88	ppb
Molybdenum	97-1	0.60	0.62	0.37	0.53	25.84	ppb
Molybdenum	98-1	0.40	0.48	0.46	0.45	10.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.91	35.80	36.47	36.39	1.55	ppb
Phosphorus	31-2	708.09	683.18	699.90	697.05	1.82	ppb
Potassium	39-2	1399.08	1421.89	1409.10	1410.02	0.81	ppb
Rhodium	103-1				88		%
Rhodium	103-2				92		%
Scandium	45-1				95		%
Scandium	45-2				99		%
Selenium	77-2	18.24	10.14	6.88	11.75	49.77	ppb
Selenium	78-2	4.37	3.71	5.77	4.62	22.77	ppb
Selenium	82-1	1.30	1.25	1.23	1.26	3.19	ppb
Silicon	28-1	1864.63	1892.57	1872.04	1876.41	0.77	ppb
Silver	109-1	0.03	0.03	0.02	0.03	27.35	ppb
Silver	107-1	0.02	0.03	0.06	0.04	49.56	ppb
Sodium	23-2	228.32	230.24	236.90	231.82	1.94	ppb
Strontium	86-1	343.12	341.81	335.55	340.16	1.19	ppb
Strontium	88-1	348.38	351.82	351.06	350.42	0.52	ppb
Sulfur	34-1	5079.57	5023.19	4951.94	5018.23	1.27	ppb
Terbium	159-1				96		%
Terbium	159-2				96		%
Thallium	203-1	0.28	0.35	0.22	0.28	23.44	ppb
Thallium	205-1	0.23	0.29	0.27	0.26	11.03	ppb
Thorium	232-1	4.38	4.44	4.27	4.36	2.02	ppb
Tin	118-1	-0.02	-0.04	-0.06	-0.04		ppb
Titanium	47-1	6.07	5.42	5.47	5.65	6.45	ppb
Uranium	238-1	2.27	2.13	2.06	2.16	4.91	ppb
Vanadium	51-2	99.91	99.54	100.11	99.85	0.29	ppb
Yttrium	89-1				102		%
Yttrium	89-2				106		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-04DLX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC066-SD-190712	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 15:19:10	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	87.93	88.31	89.11	88.45	0.68	ppb
Zirconium	90-1	15.48	15.30	14.70	15.16	2.69	ppb
Zirconium	91-1	16.10	15.55	15.98	15.88	1.80	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04DUPDLX5 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 15:22:49 DataFile Name : 037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6373.86	6382.40	6395.17	6383.81	0.17	ppb
Antimony	121-1	0.10	0.13	0.14	0.13	15.34	ppb
Arsenic	75-2	16.14	16.64	15.85	16.21	2.46	ppb
Barium	135-1	77.75	79.46	78.85	78.68	1.10	ppb
Barium	137-1	79.85	76.97	76.83	77.88	2.19	ppb
Beryllium	9-1	1.09	1.14	1.16	1.13	2.91	ppb
Bismuth	209-1				87		%
Bismuth	209-2				86		%
Boron	10-1	7.29	8.43	7.95	7.89	7.30	ppb
Boron	11-1	7.48	8.02	8.08	7.86	4.17	ppb
Cadmium	111-1	0.71	0.63	0.99	0.78	24.35	ppb
Cadmium	106-1	4.75	3.26	8.37	5.46	48.16	ppb
Cadmium	108-1	3.42	3.15	2.80	3.12	9.89	ppb
Calcium	43-1	523148.98	533905.90	531819.97	529624.95	1.08	ppb
Calcium	44-1	522322.35	532330.14	538844.50	531165.66	1.57	ppb
Chromium	52-2	16.15	15.41	15.43	15.66	2.70	ppb
Cobalt	59-2	6.73	6.58	6.62	6.64	1.17	ppb
Copper	63-2	14.07	14.14	14.42	14.21	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				95		%
Holmium	165-2				95		%
Indium	115-1				93		%
Indium	115-2				99		%
Iron	56-2	38149.97	37786.41	37191.91	37709.43	1.28	ppb
Iron	57-2	40629.22	40568.13	40012.69	40403.35	0.84	ppb
Krypton	83-1						cps
Lead	206-1	22.80	22.61	22.41	22.61	0.87	ppb
Lead	207-1	20.35	20.89	21.03	20.76	1.72	ppb
Lead	208-1	21.27	21.51	21.52	21.44	0.67	ppb
Lithium	6-1				93		%
Magnesium	24-2	4188.68	4149.51	4085.64	4141.28	1.26	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04DUPDLX5 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 15:22:49 DataFile Name : 037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	409.01	407.79	402.86	406.56	0.80	ppb
Molybdenum	94-1	21.73	22.01	22.27	22.01	1.23	ppb
Molybdenum	95-1	0.38	0.42	0.52	0.44	15.69	ppb
Molybdenum	96-1	3.23	3.30	3.29	3.27	1.22	ppb
Molybdenum	97-1	0.45	0.37	0.26	0.36	26.53	ppb
Molybdenum	98-1	0.45	0.42	0.36	0.41	11.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.16	34.32	33.42	33.63	1.80	ppb
Phosphorus	31-2	661.27	796.14	702.32	719.91	9.60	ppb
Potassium	39-2	1486.86	1493.12	1469.50	1483.16	0.83	ppb
Rhodium	103-1				90		%
Rhodium	103-2				93		%
Scandium	45-1				96		%
Scandium	45-2				101		%
Selenium	77-2	13.65	16.87	12.30	14.27	16.43	ppb
Selenium	78-2	5.12	5.81	7.10	6.01	16.70	ppb
Selenium	82-1	1.19	0.74	2.08	1.34	51.12	ppb
Silicon	28-1	2071.68	2122.76	2115.39	2103.28	1.31	ppb
Silver	109-1	0.01	0.04	0.02	0.02	85.72	ppb
Silver	107-1	0.10	0.05	0.05	0.06	46.55	ppb
Sodium	23-2	228.43	219.98	221.73	223.38	2.00	ppb
Strontium	86-1	329.63	323.49	332.00	328.37	1.34	ppb
Strontium	88-1	335.94	339.06	343.14	339.38	1.06	ppb
Sulfur	34-1	4676.52	4874.80	5293.12	4948.15	6.36	ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	0.30	0.21	0.29	0.27	19.64	ppb
Thallium	205-1	0.24	0.23	0.24	0.23	2.50	ppb
Thorium	232-1	4.40	4.48	4.42	4.43	1.02	ppb
Tin	118-1	-0.03	-0.08	-0.07	-0.06		ppb
Titanium	47-1	6.49	7.00	6.76	6.75	3.79	ppb
Uranium	238-1	2.21	2.18	2.17	2.18	0.96	ppb
Vanadium	51-2	92.25	90.77	90.48	91.16	1.04	ppb
Yttrium	89-1				104		%
Yttrium	89-2				107		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-04DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC066-SD-190712	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 15:22:49	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	78.12	76.75	78.52	77.80	1.20	ppb
Zirconium	90-1	14.29	14.37	14.38	14.35	0.34	ppb
Zirconium	91-1	14.88	14.64	15.23	14.92	1.96	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04LDLX25 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 15:26:28 DataFile Name : 1

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
[Pb]	lead-	156	-0.02	-0.01	209	-0.01	cps
[Pb]	lead-	72	-0.01	-0.02	209	-0.02	cps
[Pb]	lead-	67	-0.02	-0.02	209	-0.02	cps
[Pb]	lead-	111	-0.02	-0.02	209	-0.02	cps
[Pb]	lead-	94	-0.02	-0.02	209	-0.02	cps
[Pb]	lead-	78	-0.02	-0.02	209	-0.02	cps
Ag	silver-	42	-0.01	-0.01	159	-0.02	cps
Ag	silver-	42	-0.02	-0.02	159	-0.02	cps
Ag	silver-	58	-0.02	-0.02	159	-0.02	cps
Ag	silver-	17	-0.02	-0.01	159	-0.02	cps
Ag	silver-	75	-0.02	-0.02	159	-0.02	cps
Ag	silver-	58	-0.01	-0.02	159	-0.01	cps
Al	aluminium-	92	0.21	0.03	45	0.10	cps
Al	aluminium-	25	-0.30	-0.44	45	-0.35	cps
Al	aluminium-	67	-0.16	-0.09	45	-0.09	cps
As	arsenic-	2	-0.01	-0.02	89	-0.02	cps
As	arsenic-	4	-0.01	-0.02	89	-0.01	cps
As	arsenic-	2	-0.02	-0.02	89	-0.02	cps
B	boron-	3542	-0.61	-0.60	6	-0.59	cps
B	boron-	842	-0.64	-0.49	6	-0.58	cps
B	boron-	983	-0.61	-0.65	6	-0.53	cps
B	boron-	4151	-0.45	-0.50	6	-0.41	cps
B	boron-	3784	-0.73	-0.62	6	-0.62	cps
B	boron-	833	-0.81	-0.61	6	-0.69	cps
Ba	barium-	42	0.00	0.01	159	0.00	cps
Ba	barium-	8	-0.01	-0.02	159	-0.02	cps
Ba	barium-	8	-0.02	-0.02	159	-0.01	cps
Ba	barium-	17	-0.02	-0.02	159	-0.02	cps
Ba	barium-	8	-0.01	-0.01	159	-0.01	cps
Ba	barium-	17	-0.01	-0.02	159	-0.01	cps
Be	beryllium-	53	-0.02	-0.02	6	-0.02	cps
Be	beryllium-	43	-0.01	-0.02	6	-0.02	cps
Be	beryllium-	60	-0.02	-0.01	6	-0.01	cps
Bi	bismuth-	5493873					cps
Bi	bismuth-	3637740					cps
Bi	bismuth-	5823036					cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04LDLX25 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 15:26:28 DataFile Name : 1

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Bi	bismuth-	3060779					cps
Bi	bismuth-	5857303					cps
Bi	bismuth-	3357319					cps
Ca	calcium-	9178	-11.06	-9.10	45	-9.60	cps
Ca	calcium-	417	-1.56	1.22	45	0.68	cps
Ca	calcium-	2442	60.33	40.71	45	49.45	cps
Ca	calcium-	44795	51.48	34.19	45	42.18	cps
Ca	calcium-	108	-2.87	-3.03	45	-3.26	cps
Ca	calcium-	5701	-12.74	-12.86	45	-12.89	cps
Cd	cadmium-	8	-0.02	-0.06	159	-0.05	cps
Cd	cadmium-	3584	-3.97	-4.15	159	-3.29	cps
Cd	cadmium-	2515	-0.33	-0.34	159	-0.27	cps
Cd	cadmium-	21	-0.05	-0.10	159	-0.05	cps
Cd	cadmium-	2967	-2.74	-3.02	159	-3.17	cps
Cd	cadmium-	2062	-0.22	-0.25	159	-0.26	cps
Cd	cadmium-	3117	-2.97	-3.95	159	-3.51	cps
Cd	cadmium-	2186	-0.24	-0.32	159	-0.29	cps
Cd	cadmium-	13	-0.08	-0.10	159	-0.08	cps
Co	cobalt-	50	-0.01	0.00	45	-0.01	cps
Co	cobalt-	40	-0.01	-0.01	45	-0.01	cps
Co	cobalt-	33	-0.01	-0.01	45	-0.01	cps
Cr	chromium-	77	-0.28	-0.28	45	-0.28	cps
Cr	chromium-	87	-0.28	-0.28	45	-0.28	cps
Cr	chromium-	130	-0.28	-0.28	45	-0.28	cps
Cu	copper-	287	-0.07	-0.07	45	-0.07	cps
Cu	copper-	290	-0.06	-0.08	45	-0.06	cps
Cu	copper-	307	-0.06	-0.05	45	-0.06	cps
Dy	dysprosium-	0					cps
Dy	dysprosium-	3					cps
Dy	dysprosium-	17					cps
Dy	dysprosium-	7					cps
Dy	dysprosium-	17					cps
Dy	dysprosium-	0					cps
Er	erbium-	8					cps
Er	erbium-	23					cps
Er	erbium-	42					cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04LDLX25 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 15:26:28 DataFile Name : 1

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Er	erbium-	10					cps
Er	erbium-	25					cps
Er	erbium-	13					cps
Fe	iron-	122	-2.02	-2.27	45	-2.16	cps
Fe	iron-	2823	-1.18	-1.21	45	-1.15	cps
Fe	iron-	8169	1.52	1.57	45	1.21	cps
Fe	iron-	328	0.79	1.04	45	0.69	cps
Fe	iron-	150	-2.27	-2.43	45	-2.22	cps
Fe	iron-	2778	-1.33	-1.25	45	-1.26	cps
Gd	gadolinium-	92					cps
Gd	gadolinium-	203					cps
Gd	gadolinium-	25					cps
Gd	gadolinium-	167					cps
Gd	gadolinium-	58					cps
Gd	gadolinium-	220					cps
Ho	holmium-	10703292					cps
Ho	holmium-	5305631					cps
Ho	holmium-	10790091					cps
Ho	holmium-	4844135					cps
Ho	holmium-	10393451					cps
Ho	holmium-	5873505					cps
In	indium-	7072496					cps
In	indium-	1861057					cps
In	indium-	7473532					cps
In	indium-	1564740					cps
In	indium-	7549351					cps
In	indium-	1748784					cps
K	potassium-	7677	-76.94	-78.19	45	-76.64	cps
K	potassium-	7194	-77.77	-75.51	45	-77.57	cps
K	potassium-	7852	-77.26	-77.92	45	-77.19	cps
Kr	krypton-	410					cps
Kr	krypton-	510					cps
Kr	krypton-	533					cps
Li	lithium-	5381721					cps
Li	lithium-	4943286					cps
Li	lithium-	5515409					cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04LDLX25 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 15:26:28 DataFile Name : 1

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Mg	magnesium-	117	-0.07	0.03	45	-0.02	cps
Mg	magnesium-	225	0.33	0.43	45	0.32	cps
Mg	magnesium-	167	0.06	0.08	45	0.09	cps
Mn	manganese-	83	0.01	0.01	45	0.01	cps
Mn	manganese-	57	0.01	0.00	45	0.00	cps
Mn	manganese-	37	-0.01	0.00	45	-0.01	cps
Mo	molybdenun	250	0.01	0.01	89	0.00	cps
Mo	molybdenun	117	-0.02	-0.02	89	-0.02	cps
Mo	molybdenun	33	-0.01	-0.01	89	-0.01	cps
Mo	molybdenun	33	-0.01	-0.02	89	-0.02	cps
Mo	molybdenun	8	0.00	-0.01	89	-0.01	cps
Mo	molybdenun	158	-0.01	0.00	89	-0.01	cps
Mo	molybdenun	83	0.00	0.00	89	0.00	cps
Mo	molybdenun	42	0.00	0.01	89	0.00	cps
Mo	molybdenun	92	0.00	0.01	89	0.00	cps
Mo	molybdenun	317	0.00	0.00	89	0.00	cps
Mo	molybdenun	92	-0.01	-0.02	89	-0.02	cps
Mo	molybdenun	117	-0.01	-0.01	89	-0.01	cps
Mo	molybdenun	400	-0.01	0.01	89	0.01	cps
Mo	molybdenun	75	-0.02	-0.01	89	-0.01	cps
Mo	molybdenun	8	0.00	-0.01	89	-0.01	cps
Na	sodium-	4451	-23.30	-23.87	45	-23.29	cps
Na	sodium-	4117	-23.70	-23.16	45	-23.62	cps
Na	sodium-	4142	-23.87	-23.75	45	-23.75	cps
Nd	neodymium-	13					cps
Nd	neodymium-	0					cps
Nd	neodymium-	0					cps
Nd	neodymium-	0					cps
Nd	neodymium-	0					cps
Nd	neodymium-	3					cps
Ni	nickel-	20	-0.01	-0.03	45	-0.02	cps
Ni	nickel-	30	-0.03	-0.04	45	-0.03	cps
Ni	nickel-	20	-0.02	-0.02	45	-0.02	cps
P	phosphorus-	108	-67.39	-67.44	45	-66.23	cps
P	phosphorus-	133	-61.95	-63.76	45	-62.65	cps
P	phosphorus-	108	-68.90	-61.69	45	-64.47	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04LDLX25 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 15:26:28 DataFile Name : 1

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Pb	lead-	339	-0.02	-0.02	209	-0.02	cps
Pb	lead-	472	-0.01	-0.02	209	-0.02	cps
Pb	lead-	372	-0.02	-0.02	209	-0.02	cps
Rh	rhodium-	7726382					cps
Rh	rhodium-	3692775					cps
Rh	rhodium-	7278612					cps
Rh	rhodium-	3998993					cps
Rh	rhodium-	7672072					cps
Rh	rhodium-	3346068					cps
S	sulfur-	141153	-8184.19	-8204.07	45	-8185.12	cps
S	sulfur-	139001	-7983.81	-8193.76	45	-8078.21	cps
S	sulfur-	146363	-8247.98	-8203.55	45	-8190.25	cps
Sb	antimony-	42	0.01	0.00	159	0.00	cps
Sb	antimony-	33	0.01	0.00	159	0.00	cps
Sb	antimony-	25	0.00	0.00	159	0.00	cps
Sc	scandium-	9065151					cps
Sc	scandium-	397073					cps
Sc	scandium-	8375067					cps
Sc	scandium-	465765					cps
Sc	scandium-	9137749					cps
Sc	scandium-	436015					cps
Se	selenium-	23	-0.29	0.10	89	-0.10	cps
Se	selenium-	0	0.00	0.00	89	0.00	cps
Se	selenium-	33	-1.31	-1.22	89	-1.15	cps
Se	selenium-	81	0.43	-0.08	89	0.17	cps
Se	selenium-	0	0.00	0.00	89	0.00	cps
Se	selenium-	28	-1.51	-1.02	89	-1.23	cps
Se	selenium-	-27	-0.18	-0.20	89	-0.24	cps
Se	selenium-	0	0.00	0.00	89	0.00	cps
Se	selenium-	33	-0.92	-1.30	89	-1.02	cps
Si	silicon-	304544	5.87	-9.19	45	-2.45	cps
Si	silicon-	362828	-11.41	-5.73	45	-4.53	cps
Si	silicon-	298735	-10.28	-5.62	45	-6.87	cps
Sn	tin-	167	-0.14	-0.14	159	-0.14	cps
Sn	tin-	33	-0.14	-0.14	159	-0.14	cps
Sn	tin-	92	-0.14	-0.14	159	-0.14	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04LDLX25 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 15:26:28 DataFile Name : 1

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Sr	strontium-	192	0.00	0.00	89	0.00	cps
Sr	strontium-	867	0.12	-0.01	89	0.06	cps
Sr	strontium-	1058	0.00	0.06	89	0.07	cps
Sr	strontium-	1183	0.04	0.03	89	0.03	cps
Sr	strontium-	692	0.00	0.07	89	0.03	cps
Sr	strontium-	75	0.00	0.00	89	0.00	cps
Tb	terbium-	11073132					cps
Tb	terbium-	5429612					cps
Tb	terbium-	10664807					cps
Tb	terbium-	6047312					cps
Tb	terbium-	11068531					cps
Tb	terbium-	4931443					cps
Th	thorium-	250	0.01	0.01	209	0.01	cps
Th	thorium-	167	0.00	0.00	209	0.00	cps
Th	thorium-	183	0.00	0.00	209	0.00	cps
Ti	titanium-	58	-0.04	-0.02	45	-0.04	cps
Ti	titanium-	92	-0.02	-0.03	45	-0.03	cps
Ti	titanium-	67	-0.06	-0.06	45	-0.05	cps
Tl	thallium-	100	-0.01	-0.02	209	-0.02	cps
Tl	thallium-	158	-0.03	-0.03	209	-0.03	cps
Tl	thallium-	183	-0.03	-0.03	209	-0.03	cps
Tl	thallium-	125	-0.02	-0.02	209	-0.02	cps
Tl	thallium-	225	-0.03	-0.03	209	-0.03	cps
Tl	thallium-	133	-0.03	-0.02	209	-0.02	cps
U	uranium-	17	0.00	0.00	209	0.00	cps
U	uranium-	33	0.00	0.00	209	0.00	cps
U	uranium-	8	0.00	0.00	209	0.00	cps
V	vanadium-	13	0.01	0.00	45	0.00	cps
V	vanadium-	0	0.00	0.00	45	0.00	cps
V	vanadium-	0	0.00	0.00	45	0.00	cps
Y	yttrium-	11066017					cps
Y	yttrium-	1623940					cps
Y	yttrium-	10966554					cps
Y	yttrium-	1460247					cps
Y	yttrium-	10262280					cps
Y	yttrium-	1743356					cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-04LDLX25	Instrumnet Name :	P7
Client Sample ID :	KY030LC066-SD-190712	Dilution Factor :	25
Date & Time Acquired ::	2019-07-19 15:26:28	DataFile Name :	1

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zn	zinc-	143	-0.21	-0.02	45	-0.12	cps
Zn	zinc-	560	0.31	0.45	45	0.51	cps
Zn	zinc-	367	0.28	0.39	45	0.32	cps
Zr	zirconium-	175	-0.02	-0.02	89	-0.02	cps
Zr	zirconium-	908	-0.01	-0.01	89	-0.01	cps
Zr	zirconium-	900	0.00	0.00	89	0.00	cps
Zr	zirconium-	150	-0.03	-0.03	89	-0.03	cps
Zr	zirconium-	833	0.00	0.00	89	0.00	cps
Zr	zirconium-	192	-0.02	-0.01	89	-0.02	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04LDLX25 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 15:26:28 DataFile Name : 1

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
[Pb]	lead-	156	-0.02	-0.01	209	-0.01	cps
[Pb]	lead-	72	-0.01	-0.02	209	-0.02	cps
[Pb]	lead-	67	-0.02	-0.02	209	-0.02	cps
[Pb]	lead-	111	-0.02	-0.02	209	-0.02	cps
[Pb]	lead-	94	-0.02	-0.02	209	-0.02	cps
[Pb]	lead-	78	-0.02	-0.02	209	-0.02	cps
Ag	silver-	42	-0.01	-0.01	159	-0.02	cps
Ag	silver-	42	-0.02	-0.02	159	-0.02	cps
Ag	silver-	58	-0.02	-0.02	159	-0.02	cps
Ag	silver-	17	-0.02	-0.01	159	-0.02	cps
Ag	silver-	75	-0.02	-0.02	159	-0.02	cps
Ag	silver-	58	-0.01	-0.02	159	-0.01	cps
Al	aluminium-	92	0.21	0.03	45	0.10	cps
Al	aluminium-	25	-0.30	-0.44	45	-0.35	cps
Al	aluminium-	67	-0.16	-0.09	45	-0.09	cps
As	arsenic-	2	-0.01	-0.02	89	-0.02	cps
As	arsenic-	4	-0.01	-0.02	89	-0.01	cps
As	arsenic-	2	-0.02	-0.02	89	-0.02	cps
B	boron-	3542	-0.61	-0.60	6	-0.59	cps
B	boron-	842	-0.64	-0.49	6	-0.58	cps
B	boron-	983	-0.61	-0.65	6	-0.53	cps
B	boron-	4151	-0.45	-0.50	6	-0.41	cps
B	boron-	3784	-0.73	-0.62	6	-0.62	cps
B	boron-	833	-0.81	-0.61	6	-0.69	cps
Ba	barium-	42	0.00	0.01	159	0.00	cps
Ba	barium-	8	-0.01	-0.02	159	-0.02	cps
Ba	barium-	8	-0.02	-0.02	159	-0.01	cps
Ba	barium-	17	-0.02	-0.02	159	-0.02	cps
Ba	barium-	8	-0.01	-0.01	159	-0.01	cps
Ba	barium-	17	-0.01	-0.02	159	-0.01	cps
Be	beryllium-	53	-0.02	-0.02	6	-0.02	cps
Be	beryllium-	43	-0.01	-0.02	6	-0.02	cps
Be	beryllium-	60	-0.02	-0.01	6	-0.01	cps
Bi	bismuth-	5493873					cps
Bi	bismuth-	3637740					cps
Bi	bismuth-	5823036					cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04LDLX25 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 15:26:28 DataFile Name : 1

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Bi	bismuth-	3060779					cps
Bi	bismuth-	5857303					cps
Bi	bismuth-	3357319					cps
Ca	calcium-	9178	-11.06	-9.10	45	-9.60	cps
Ca	calcium-	417	-1.56	1.22	45	0.68	cps
Ca	calcium-	2442	60.33	40.71	45	49.45	cps
Ca	calcium-	44795	51.48	34.19	45	42.18	cps
Ca	calcium-	108	-2.87	-3.03	45	-3.26	cps
Ca	calcium-	5701	-12.74	-12.86	45	-12.89	cps
Cd	cadmium-	8	-0.02	-0.06	159	-0.05	cps
Cd	cadmium-	3584	-3.97	-4.15	159	-3.29	cps
Cd	cadmium-	2515	-0.33	-0.34	159	-0.27	cps
Cd	cadmium-	21	-0.05	-0.10	159	-0.05	cps
Cd	cadmium-	2967	-2.74	-3.02	159	-3.17	cps
Cd	cadmium-	2062	-0.22	-0.25	159	-0.26	cps
Cd	cadmium-	3117	-2.97	-3.95	159	-3.51	cps
Cd	cadmium-	2186	-0.24	-0.32	159	-0.29	cps
Cd	cadmium-	13	-0.08	-0.10	159	-0.08	cps
Co	cobalt-	50	-0.01	0.00	45	-0.01	cps
Co	cobalt-	40	-0.01	-0.01	45	-0.01	cps
Co	cobalt-	33	-0.01	-0.01	45	-0.01	cps
Cr	chromium-	77	-0.28	-0.28	45	-0.28	cps
Cr	chromium-	87	-0.28	-0.28	45	-0.28	cps
Cr	chromium-	130	-0.28	-0.28	45	-0.28	cps
Cu	copper-	287	-0.07	-0.07	45	-0.07	cps
Cu	copper-	290	-0.06	-0.08	45	-0.06	cps
Cu	copper-	307	-0.06	-0.05	45	-0.06	cps
Dy	dysprosium-	0					cps
Dy	dysprosium-	3					cps
Dy	dysprosium-	17					cps
Dy	dysprosium-	7					cps
Dy	dysprosium-	17					cps
Dy	dysprosium-	0					cps
Er	erbium-	8					cps
Er	erbium-	23					cps
Er	erbium-	42					cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04LDLX25 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 15:26:28 DataFile Name : 1

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Er	erbium-	10					cps
Er	erbium-	25					cps
Er	erbium-	13					cps
Fe	iron-	122	-2.02	-2.27	45	-2.16	cps
Fe	iron-	2823	-1.18	-1.21	45	-1.15	cps
Fe	iron-	8169	1.52	1.57	45	1.21	cps
Fe	iron-	328	0.79	1.04	45	0.69	cps
Fe	iron-	150	-2.27	-2.43	45	-2.22	cps
Fe	iron-	2778	-1.33	-1.25	45	-1.26	cps
Gd	gadolinium-	92					cps
Gd	gadolinium-	203					cps
Gd	gadolinium-	25					cps
Gd	gadolinium-	167					cps
Gd	gadolinium-	58					cps
Gd	gadolinium-	220					cps
Ho	holmium-	10703292					cps
Ho	holmium-	5305631					cps
Ho	holmium-	10790091					cps
Ho	holmium-	4844135					cps
Ho	holmium-	10393451					cps
Ho	holmium-	5873505					cps
In	indium-	7072496					cps
In	indium-	1861057					cps
In	indium-	7473532					cps
In	indium-	1564740					cps
In	indium-	7549351					cps
In	indium-	1748784					cps
K	potassium-	7677	-76.94	-78.19	45	-76.64	cps
K	potassium-	7194	-77.77	-75.51	45	-77.57	cps
K	potassium-	7852	-77.26	-77.92	45	-77.19	cps
Kr	krypton-	410					cps
Kr	krypton-	510					cps
Kr	krypton-	533					cps
Li	lithium-	5381721					cps
Li	lithium-	4943286					cps
Li	lithium-	5515409					cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04LDLX25 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 15:26:28 DataFile Name : 1

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Mg	magnesium-	117	-0.07	0.03	45	-0.02	cps
Mg	magnesium-	225	0.33	0.43	45	0.32	cps
Mg	magnesium-	167	0.06	0.08	45	0.09	cps
Mn	manganese-	83	0.01	0.01	45	0.01	cps
Mn	manganese-	57	0.01	0.00	45	0.00	cps
Mn	manganese-	37	-0.01	0.00	45	-0.01	cps
Mo	molybdenun	250	0.01	0.01	89	0.00	cps
Mo	molybdenun	117	-0.02	-0.02	89	-0.02	cps
Mo	molybdenun	33	-0.01	-0.01	89	-0.01	cps
Mo	molybdenun	33	-0.01	-0.02	89	-0.02	cps
Mo	molybdenun	8	0.00	-0.01	89	-0.01	cps
Mo	molybdenun	158	-0.01	0.00	89	-0.01	cps
Mo	molybdenun	83	0.00	0.00	89	0.00	cps
Mo	molybdenun	42	0.00	0.01	89	0.00	cps
Mo	molybdenun	92	0.00	0.01	89	0.00	cps
Mo	molybdenun	317	0.00	0.00	89	0.00	cps
Mo	molybdenun	92	-0.01	-0.02	89	-0.02	cps
Mo	molybdenun	117	-0.01	-0.01	89	-0.01	cps
Mo	molybdenun	400	-0.01	0.01	89	0.01	cps
Mo	molybdenun	75	-0.02	-0.01	89	-0.01	cps
Mo	molybdenun	8	0.00	-0.01	89	-0.01	cps
Na	sodium-	4451	-23.30	-23.87	45	-23.29	cps
Na	sodium-	4117	-23.70	-23.16	45	-23.62	cps
Na	sodium-	4142	-23.87	-23.75	45	-23.75	cps
Nd	neodymium-	13					cps
Nd	neodymium-	0					cps
Nd	neodymium-	0					cps
Nd	neodymium-	0					cps
Nd	neodymium-	0					cps
Nd	neodymium-	3					cps
Ni	nickel-	20	-0.01	-0.03	45	-0.02	cps
Ni	nickel-	30	-0.03	-0.04	45	-0.03	cps
Ni	nickel-	20	-0.02	-0.02	45	-0.02	cps
P	phosphorus-	108	-67.39	-67.44	45	-66.23	cps
P	phosphorus-	133	-61.95	-63.76	45	-62.65	cps
P	phosphorus-	108	-68.90	-61.69	45	-64.47	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04LDLX25 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 15:26:28 DataFile Name : 1

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Pb	lead-	339	-0.02	-0.02	209	-0.02	cps
Pb	lead-	472	-0.01	-0.02	209	-0.02	cps
Pb	lead-	372	-0.02	-0.02	209	-0.02	cps
Rh	rhodium-	7726382					cps
Rh	rhodium-	3692775					cps
Rh	rhodium-	7278612					cps
Rh	rhodium-	3998993					cps
Rh	rhodium-	7672072					cps
Rh	rhodium-	3346068					cps
S	sulfur-	141153	-8184.19	-8204.07	45	-8185.12	cps
S	sulfur-	139001	-7983.81	-8193.76	45	-8078.21	cps
S	sulfur-	146363	-8247.98	-8203.55	45	-8190.25	cps
Sb	antimony-	42	0.01	0.00	159	0.00	cps
Sb	antimony-	33	0.01	0.00	159	0.00	cps
Sb	antimony-	25	0.00	0.00	159	0.00	cps
Sc	scandium-	9065151					cps
Sc	scandium-	397073					cps
Sc	scandium-	8375067					cps
Sc	scandium-	465765					cps
Sc	scandium-	9137749					cps
Sc	scandium-	436015					cps
Se	selenium-	23	-0.29	0.10	89	-0.10	cps
Se	selenium-	0	0.00	0.00	89	0.00	cps
Se	selenium-	33	-1.31	-1.22	89	-1.15	cps
Se	selenium-	81	0.43	-0.08	89	0.17	cps
Se	selenium-	0	0.00	0.00	89	0.00	cps
Se	selenium-	28	-1.51	-1.02	89	-1.23	cps
Se	selenium-	-27	-0.18	-0.20	89	-0.24	cps
Se	selenium-	0	0.00	0.00	89	0.00	cps
Se	selenium-	33	-0.92	-1.30	89	-1.02	cps
Si	silicon-	304544	5.87	-9.19	45	-2.45	cps
Si	silicon-	362828	-11.41	-5.73	45	-4.53	cps
Si	silicon-	298735	-10.28	-5.62	45	-6.87	cps
Sn	tin-	167	-0.14	-0.14	159	-0.14	cps
Sn	tin-	33	-0.14	-0.14	159	-0.14	cps
Sn	tin-	92	-0.14	-0.14	159	-0.14	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04LDLX25 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 15:26:28 DataFile Name : 1

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Sr	strontium-	192	0.00	0.00	89	0.00	cps
Sr	strontium-	867	0.12	-0.01	89	0.06	cps
Sr	strontium-	1058	0.00	0.06	89	0.07	cps
Sr	strontium-	1183	0.04	0.03	89	0.03	cps
Sr	strontium-	692	0.00	0.07	89	0.03	cps
Sr	strontium-	75	0.00	0.00	89	0.00	cps
Tb	terbium-	11073132					cps
Tb	terbium-	5429612					cps
Tb	terbium-	10664807					cps
Tb	terbium-	6047312					cps
Tb	terbium-	11068531					cps
Tb	terbium-	4931443					cps
Th	thorium-	250	0.01	0.01	209	0.01	cps
Th	thorium-	167	0.00	0.00	209	0.00	cps
Th	thorium-	183	0.00	0.00	209	0.00	cps
Ti	titanium-	58	-0.04	-0.02	45	-0.04	cps
Ti	titanium-	92	-0.02	-0.03	45	-0.03	cps
Ti	titanium-	67	-0.06	-0.06	45	-0.05	cps
Tl	thallium-	100	-0.01	-0.02	209	-0.02	cps
Tl	thallium-	158	-0.03	-0.03	209	-0.03	cps
Tl	thallium-	183	-0.03	-0.03	209	-0.03	cps
Tl	thallium-	125	-0.02	-0.02	209	-0.02	cps
Tl	thallium-	225	-0.03	-0.03	209	-0.03	cps
Tl	thallium-	133	-0.03	-0.02	209	-0.02	cps
U	uranium-	17	0.00	0.00	209	0.00	cps
U	uranium-	33	0.00	0.00	209	0.00	cps
U	uranium-	8	0.00	0.00	209	0.00	cps
V	vanadium-	13	0.01	0.00	45	0.00	cps
V	vanadium-	0	0.00	0.00	45	0.00	cps
V	vanadium-	0	0.00	0.00	45	0.00	cps
Y	yttrium-	11066017					cps
Y	yttrium-	1623940					cps
Y	yttrium-	10966554					cps
Y	yttrium-	1460247					cps
Y	yttrium-	10262280					cps
Y	yttrium-	1743356					cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-04LDLX25	Instrumnet Name :	P7
Client Sample ID :	KY030LC066-SD-190712	Dilution Factor :	25
Date & Time Acquired ::	2019-07-19 15:26:28	DataFile Name :	1

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zn	zinc-	143	-0.21	-0.02	45	-0.12	cps
Zn	zinc-	560	0.31	0.45	45	0.51	cps
Zn	zinc-	367	0.28	0.39	45	0.32	cps
Zr	zirconium-	175	-0.02	-0.02	89	-0.02	cps
Zr	zirconium-	908	-0.01	-0.01	89	-0.01	cps
Zr	zirconium-	900	0.00	0.00	89	0.00	cps
Zr	zirconium-	150	-0.03	-0.03	89	-0.03	cps
Zr	zirconium-	833	0.00	0.00	89	0.00	cps
Zr	zirconium-	192	-0.02	-0.01	89	-0.02	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04LDLX25 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 15:26:28 DataFile Name : 1

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
[Pb]	lead-	156	-0.02	-0.01	209	-0.01	cps
[Pb]	lead-	72	-0.01	-0.02	209	-0.02	cps
[Pb]	lead-	67	-0.02	-0.02	209	-0.02	cps
[Pb]	lead-	111	-0.02	-0.02	209	-0.02	cps
[Pb]	lead-	94	-0.02	-0.02	209	-0.02	cps
[Pb]	lead-	78	-0.02	-0.02	209	-0.02	cps
Ag	silver-	42	-0.01	-0.01	159	-0.02	cps
Ag	silver-	42	-0.02	-0.02	159	-0.02	cps
Ag	silver-	58	-0.02	-0.02	159	-0.02	cps
Ag	silver-	17	-0.02	-0.01	159	-0.02	cps
Ag	silver-	75	-0.02	-0.02	159	-0.02	cps
Ag	silver-	58	-0.01	-0.02	159	-0.01	cps
Al	aluminium-	92	0.21	0.03	45	0.10	cps
Al	aluminium-	25	-0.30	-0.44	45	-0.35	cps
Al	aluminium-	67	-0.16	-0.09	45	-0.09	cps
As	arsenic-	2	-0.01	-0.02	89	-0.02	cps
As	arsenic-	4	-0.01	-0.02	89	-0.01	cps
As	arsenic-	2	-0.02	-0.02	89	-0.02	cps
B	boron-	3542	-0.61	-0.60	6	-0.59	cps
B	boron-	842	-0.64	-0.49	6	-0.58	cps
B	boron-	983	-0.61	-0.65	6	-0.53	cps
B	boron-	4151	-0.45	-0.50	6	-0.41	cps
B	boron-	3784	-0.73	-0.62	6	-0.62	cps
B	boron-	833	-0.81	-0.61	6	-0.69	cps
Ba	barium-	42	0.00	0.01	159	0.00	cps
Ba	barium-	8	-0.01	-0.02	159	-0.02	cps
Ba	barium-	8	-0.02	-0.02	159	-0.01	cps
Ba	barium-	17	-0.02	-0.02	159	-0.02	cps
Ba	barium-	8	-0.01	-0.01	159	-0.01	cps
Ba	barium-	17	-0.01	-0.02	159	-0.01	cps
Be	beryllium-	53	-0.02	-0.02	6	-0.02	cps
Be	beryllium-	43	-0.01	-0.02	6	-0.02	cps
Be	beryllium-	60	-0.02	-0.01	6	-0.01	cps
Bi	bismuth-	5493873					cps
Bi	bismuth-	3637740					cps
Bi	bismuth-	5823036					cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04LDLX25 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 15:26:28 DataFile Name : 1

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Bi	bismuth-	3060779					cps
Bi	bismuth-	5857303					cps
Bi	bismuth-	3357319					cps
Ca	calcium-	9178	-11.06	-9.10	45	-9.60	cps
Ca	calcium-	417	-1.56	1.22	45	0.68	cps
Ca	calcium-	2442	60.33	40.71	45	49.45	cps
Ca	calcium-	44795	51.48	34.19	45	42.18	cps
Ca	calcium-	108	-2.87	-3.03	45	-3.26	cps
Ca	calcium-	5701	-12.74	-12.86	45	-12.89	cps
Cd	cadmium-	8	-0.02	-0.06	159	-0.05	cps
Cd	cadmium-	3584	-3.97	-4.15	159	-3.29	cps
Cd	cadmium-	2515	-0.33	-0.34	159	-0.27	cps
Cd	cadmium-	21	-0.05	-0.10	159	-0.05	cps
Cd	cadmium-	2967	-2.74	-3.02	159	-3.17	cps
Cd	cadmium-	2062	-0.22	-0.25	159	-0.26	cps
Cd	cadmium-	3117	-2.97	-3.95	159	-3.51	cps
Cd	cadmium-	2186	-0.24	-0.32	159	-0.29	cps
Cd	cadmium-	13	-0.08	-0.10	159	-0.08	cps
Co	cobalt-	50	-0.01	0.00	45	-0.01	cps
Co	cobalt-	40	-0.01	-0.01	45	-0.01	cps
Co	cobalt-	33	-0.01	-0.01	45	-0.01	cps
Cr	chromium-	77	-0.28	-0.28	45	-0.28	cps
Cr	chromium-	87	-0.28	-0.28	45	-0.28	cps
Cr	chromium-	130	-0.28	-0.28	45	-0.28	cps
Cu	copper-	287	-0.07	-0.07	45	-0.07	cps
Cu	copper-	290	-0.06	-0.08	45	-0.06	cps
Cu	copper-	307	-0.06	-0.05	45	-0.06	cps
Dy	dysprosium-	0					cps
Dy	dysprosium-	3					cps
Dy	dysprosium-	17					cps
Dy	dysprosium-	7					cps
Dy	dysprosium-	17					cps
Dy	dysprosium-	0					cps
Er	erbium-	8					cps
Er	erbium-	23					cps
Er	erbium-	42					cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04LDLX25 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 15:26:28 DataFile Name : 1

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Er	erbium-	10					cps
Er	erbium-	25					cps
Er	erbium-	13					cps
Fe	iron-	122	-2.02	-2.27	45	-2.16	cps
Fe	iron-	2823	-1.18	-1.21	45	-1.15	cps
Fe	iron-	8169	1.52	1.57	45	1.21	cps
Fe	iron-	328	0.79	1.04	45	0.69	cps
Fe	iron-	150	-2.27	-2.43	45	-2.22	cps
Fe	iron-	2778	-1.33	-1.25	45	-1.26	cps
Gd	gadolinium-	92					cps
Gd	gadolinium-	203					cps
Gd	gadolinium-	25					cps
Gd	gadolinium-	167					cps
Gd	gadolinium-	58					cps
Gd	gadolinium-	220					cps
Ho	holmium-	10703292					cps
Ho	holmium-	5305631					cps
Ho	holmium-	10790091					cps
Ho	holmium-	4844135					cps
Ho	holmium-	10393451					cps
Ho	holmium-	5873505					cps
In	indium-	7072496					cps
In	indium-	1861057					cps
In	indium-	7473532					cps
In	indium-	1564740					cps
In	indium-	7549351					cps
In	indium-	1748784					cps
K	potassium-	7677	-76.94	-78.19	45	-76.64	cps
K	potassium-	7194	-77.77	-75.51	45	-77.57	cps
K	potassium-	7852	-77.26	-77.92	45	-77.19	cps
Kr	krypton-	410					cps
Kr	krypton-	510					cps
Kr	krypton-	533					cps
Li	lithium-	5381721					cps
Li	lithium-	4943286					cps
Li	lithium-	5515409					cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04LDLX25 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 15:26:28 DataFile Name : 1

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Mg	magnesium-	117	-0.07	0.03	45	-0.02	cps
Mg	magnesium-	225	0.33	0.43	45	0.32	cps
Mg	magnesium-	167	0.06	0.08	45	0.09	cps
Mn	manganese-	83	0.01	0.01	45	0.01	cps
Mn	manganese-	57	0.01	0.00	45	0.00	cps
Mn	manganese-	37	-0.01	0.00	45	-0.01	cps
Mo	molybdenun	250	0.01	0.01	89	0.00	cps
Mo	molybdenun	117	-0.02	-0.02	89	-0.02	cps
Mo	molybdenun	33	-0.01	-0.01	89	-0.01	cps
Mo	molybdenun	33	-0.01	-0.02	89	-0.02	cps
Mo	molybdenun	8	0.00	-0.01	89	-0.01	cps
Mo	molybdenun	158	-0.01	0.00	89	-0.01	cps
Mo	molybdenun	83	0.00	0.00	89	0.00	cps
Mo	molybdenun	42	0.00	0.01	89	0.00	cps
Mo	molybdenun	92	0.00	0.01	89	0.00	cps
Mo	molybdenun	317	0.00	0.00	89	0.00	cps
Mo	molybdenun	92	-0.01	-0.02	89	-0.02	cps
Mo	molybdenun	117	-0.01	-0.01	89	-0.01	cps
Mo	molybdenun	400	-0.01	0.01	89	0.01	cps
Mo	molybdenun	75	-0.02	-0.01	89	-0.01	cps
Mo	molybdenun	8	0.00	-0.01	89	-0.01	cps
Na	sodium-	4451	-23.30	-23.87	45	-23.29	cps
Na	sodium-	4117	-23.70	-23.16	45	-23.62	cps
Na	sodium-	4142	-23.87	-23.75	45	-23.75	cps
Nd	neodymium-	13					cps
Nd	neodymium-	0					cps
Nd	neodymium-	0					cps
Nd	neodymium-	0					cps
Nd	neodymium-	0					cps
Nd	neodymium-	3					cps
Ni	nickel-	20	-0.01	-0.03	45	-0.02	cps
Ni	nickel-	30	-0.03	-0.04	45	-0.03	cps
Ni	nickel-	20	-0.02	-0.02	45	-0.02	cps
P	phosphorus-	108	-67.39	-67.44	45	-66.23	cps
P	phosphorus-	133	-61.95	-63.76	45	-62.65	cps
P	phosphorus-	108	-68.90	-61.69	45	-64.47	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04LDLX25 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 15:26:28 DataFile Name : 1

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Pb	lead-	339	-0.02	-0.02	209	-0.02	cps
Pb	lead-	472	-0.01	-0.02	209	-0.02	cps
Pb	lead-	372	-0.02	-0.02	209	-0.02	cps
Rh	rhodium-	7726382					cps
Rh	rhodium-	3692775					cps
Rh	rhodium-	7278612					cps
Rh	rhodium-	3998993					cps
Rh	rhodium-	7672072					cps
Rh	rhodium-	3346068					cps
S	sulfur-	141153	-8184.19	-8204.07	45	-8185.12	cps
S	sulfur-	139001	-7983.81	-8193.76	45	-8078.21	cps
S	sulfur-	146363	-8247.98	-8203.55	45	-8190.25	cps
Sb	antimony-	42	0.01	0.00	159	0.00	cps
Sb	antimony-	33	0.01	0.00	159	0.00	cps
Sb	antimony-	25	0.00	0.00	159	0.00	cps
Sc	scandium-	9065151					cps
Sc	scandium-	397073					cps
Sc	scandium-	8375067					cps
Sc	scandium-	465765					cps
Sc	scandium-	9137749					cps
Sc	scandium-	436015					cps
Se	selenium-	23	-0.29	0.10	89	-0.10	cps
Se	selenium-	0	0.00	0.00	89	0.00	cps
Se	selenium-	33	-1.31	-1.22	89	-1.15	cps
Se	selenium-	81	0.43	-0.08	89	0.17	cps
Se	selenium-	0	0.00	0.00	89	0.00	cps
Se	selenium-	28	-1.51	-1.02	89	-1.23	cps
Se	selenium-	-27	-0.18	-0.20	89	-0.24	cps
Se	selenium-	0	0.00	0.00	89	0.00	cps
Se	selenium-	33	-0.92	-1.30	89	-1.02	cps
Si	silicon-	304544	5.87	-9.19	45	-2.45	cps
Si	silicon-	362828	-11.41	-5.73	45	-4.53	cps
Si	silicon-	298735	-10.28	-5.62	45	-6.87	cps
Sn	tin-	167	-0.14	-0.14	159	-0.14	cps
Sn	tin-	33	-0.14	-0.14	159	-0.14	cps
Sn	tin-	92	-0.14	-0.14	159	-0.14	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04LDLX25 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 15:26:28 DataFile Name : 1

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Sr	strontium-	192	0.00	0.00	89	0.00	cps
Sr	strontium-	867	0.12	-0.01	89	0.06	cps
Sr	strontium-	1058	0.00	0.06	89	0.07	cps
Sr	strontium-	1183	0.04	0.03	89	0.03	cps
Sr	strontium-	692	0.00	0.07	89	0.03	cps
Sr	strontium-	75	0.00	0.00	89	0.00	cps
Tb	terbium-	11073132					cps
Tb	terbium-	5429612					cps
Tb	terbium-	10664807					cps
Tb	terbium-	6047312					cps
Tb	terbium-	11068531					cps
Tb	terbium-	4931443					cps
Th	thorium-	250	0.01	0.01	209	0.01	cps
Th	thorium-	167	0.00	0.00	209	0.00	cps
Th	thorium-	183	0.00	0.00	209	0.00	cps
Ti	titanium-	58	-0.04	-0.02	45	-0.04	cps
Ti	titanium-	92	-0.02	-0.03	45	-0.03	cps
Ti	titanium-	67	-0.06	-0.06	45	-0.05	cps
Tl	thallium-	100	-0.01	-0.02	209	-0.02	cps
Tl	thallium-	158	-0.03	-0.03	209	-0.03	cps
Tl	thallium-	183	-0.03	-0.03	209	-0.03	cps
Tl	thallium-	125	-0.02	-0.02	209	-0.02	cps
Tl	thallium-	225	-0.03	-0.03	209	-0.03	cps
Tl	thallium-	133	-0.03	-0.02	209	-0.02	cps
U	uranium-	17	0.00	0.00	209	0.00	cps
U	uranium-	33	0.00	0.00	209	0.00	cps
U	uranium-	8	0.00	0.00	209	0.00	cps
V	vanadium-	13	0.01	0.00	45	0.00	cps
V	vanadium-	0	0.00	0.00	45	0.00	cps
V	vanadium-	0	0.00	0.00	45	0.00	cps
Y	yttrium-	11066017					cps
Y	yttrium-	1623940					cps
Y	yttrium-	10966554					cps
Y	yttrium-	1460247					cps
Y	yttrium-	10262280					cps
Y	yttrium-	1743356					cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-04LDLX25	Instrumnet Name :	P7
Client Sample ID :	KY030LC066-SD-190712	Dilution Factor :	25
Date & Time Acquired ::	2019-07-19 15:26:28	DataFile Name :	1

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zn	zinc-	143	-0.21	-0.02	45	-0.12	cps
Zn	zinc-	560	0.31	0.45	45	0.51	cps
Zn	zinc-	367	0.28	0.39	45	0.32	cps
Zr	zirconium-	175	-0.02	-0.02	89	-0.02	cps
Zr	zirconium-	908	-0.01	-0.01	89	-0.01	cps
Zr	zirconium-	900	0.00	0.00	89	0.00	cps
Zr	zirconium-	150	-0.03	-0.03	89	-0.03	cps
Zr	zirconium-	833	0.00	0.00	89	0.00	cps
Zr	zirconium-	192	-0.02	-0.01	89	-0.02	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P7
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 15:48:14	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52010.35	52240.60	51683.81	51978.25	0.54	ppb
Antimony	121-1	517.90	517.97	512.59	516.15	0.60	ppb
Arsenic	75-2	507.94	509.91	517.42	511.76	0.98	ppb
Barium	135-1	2492.35	2493.27	2500.78	2495.46	0.19	ppb
Barium	137-1	2538.03	2555.02	2556.77	2549.94	0.41	ppb
Beryllium	9-1	519.29	520.42	518.30	519.34	0.20	ppb
Bismuth	209-1				82		%
Bismuth	209-2				82		%
Boron	10-1	497.23	506.36	494.76	499.45	1.22	ppb
Boron	11-1	483.91	493.80	488.37	488.69	1.01	ppb
Cadmium	111-1	523.01	520.60	521.96	521.86	0.23	ppb
Cadmium	106-1	525.00	542.98	543.17	537.05	1.94	ppb
Cadmium	108-1	540.29	530.95	524.75	532.00	1.47	ppb
Calcium	43-1	236605.49	236288.84	235991.10	236295.14	0.13	ppb
Calcium	44-1	237061.84	235662.04	236633.09	236452.32	0.30	ppb
Chromium	52-2	497.36	502.35	498.61	499.44	0.52	ppb
Cobalt	59-2	484.43	489.73	488.23	487.46	0.56	ppb
Copper	63-2	986.64	991.96	1001.39	993.33	0.75	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				93		%
Indium	115-1				87		%
Indium	115-2				94		%
Iron	56-2	126832.10	125221.13	125593.05	125882.09	0.67	ppb
Iron	57-2	126797.67	126664.38	126344.65	126602.23	0.18	ppb
Krypton	83-1						cps
Lead	206-1	504.09	497.89	501.89	501.29	0.63	ppb
Lead	207-1	506.80	508.99	503.13	506.30	0.58	ppb
Lead	208-1	506.59	507.11	507.28	506.99	0.07	ppb
Lithium	6-1				89		%
Magnesium	24-2	245929.08	247057.10	243756.50	245580.89	0.68	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P7
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 15:48:14	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	991.09	998.82	999.50	996.47	0.47	ppb
Molybdenum	94-1	2519.93	2536.61	2519.81	2525.45	0.38	ppb
Molybdenum	95-1	2530.74	2534.90	2522.48	2529.37	0.25	ppb
Molybdenum	96-1	2508.79	2542.60	2525.14	2525.51	0.67	ppb
Molybdenum	97-1	2520.99	2536.58	2521.46	2526.34	0.35	ppb
Molybdenum	98-1	2514.91	2524.91	2527.00	2522.27	0.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	494.68	492.25	492.17	493.03	0.29	ppb
Phosphorus	31-2	9456.40	9650.70	9636.05	9581.05	1.13	ppb
Potassium	39-2	122312.17	123747.37	122434.54	122831.36	0.65	ppb
Rhodium	103-1				83		%
Rhodium	103-2				88		%
Scandium	45-1				90		%
Scandium	45-2				97		%
Selenium	77-2	436.68	477.00	497.22	470.30	6.55	ppb
Selenium	78-2	490.12	496.13	503.93	496.73	1.39	ppb
Selenium	82-1	482.82	483.96	474.56	480.45	1.07	ppb
Silicon	28-1	483.84	477.69	481.48	481.00	0.65	ppb
Silver	109-1	516.07	514.79	519.16	516.67	0.44	ppb
Silver	107-1	522.41	514.14	511.88	516.14	1.07	ppb
Sodium	23-2	241858.22	245972.78	242796.45	243542.48	0.89	ppb
Strontium	86-1	570.96	565.86	566.13	567.65	0.51	ppb
Strontium	88-1	581.17	581.69	581.91	581.59	0.07	ppb
Sulfur	34-1	10371.69	9963.14	10067.17	10134.00	2.10	ppb
Terbium	159-1				94		%
Terbium	159-2				95		%
Thallium	203-1	502.17	497.75	497.06	498.99	0.56	ppb
Thallium	205-1	508.41	513.37	509.11	510.30	0.53	ppb
Thorium	232-1	521.65	522.65	515.19	519.83	0.78	ppb
Tin	118-1	500.15	497.95	494.31	497.47	0.59	ppb
Titanium	47-1	2448.79	2410.84	2433.24	2430.96	0.78	ppb
Uranium	238-1	522.66	518.56	513.19	518.14	0.92	ppb
Vanadium	51-2	499.01	502.99	502.34	501.45	0.43	ppb
Yttrium	89-1				92		%
Yttrium	89-2				99		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P7
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 15:48:14	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	973.59	976.01	983.56	977.72	0.53	ppb
Zirconium	90-1	507.58	506.88	505.08	506.51	0.25	ppb
Zirconium	91-1	496.03	495.60	497.26	496.30	0.17	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : CCB19 Instrumnet Name : P7
 Client Sample ID : CCB19 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 15:54:40 DataFile Name : 043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.94	0.73	0.15	0.60	67.44	ppb
Antimony	121-1	0.20	0.23	0.20	0.21	8.68	ppb
Arsenic	75-2	0.09	0.02	0.00	0.04	124.24	ppb
Barium	135-1	0.02	0.07	0.08	0.05	61.01	ppb
Barium	137-1	0.08	0.06	0.03	0.06	40.23	ppb
Beryllium	9-1	0.08	0.02	0.02	0.04	77.44	ppb
Bismuth	209-1				93		%
Bismuth	209-2				90		%
Boron	10-1	13.99	13.57	14.01	13.86	1.81	ppb
Boron	11-1	15.12	13.48	11.88	13.49	11.99	ppb
Cadmium	111-1	-0.24	-0.09	0.00	-0.11		ppb
Cadmium	106-1	-3.04	-1.64	-0.18	-1.62		ppb
Cadmium	108-1	0.07	0.07	-0.03	0.04	151.59	ppb
Calcium	43-1	6.00	5.13	0.90	4.01	68.05	ppb
Calcium	44-1	5.86	4.69	4.27	4.94	16.66	ppb
Chromium	52-2	0.02	-0.01	0.06	0.02	157.92	ppb
Cobalt	59-2	0.01	0.00	-0.01	0.00	550.33	ppb
Copper	63-2	0.06	0.03	0.05	0.05	29.61	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				93		%
Indium	115-1				94		%
Indium	115-2				100		%
Iron	56-2	3.27	3.07	2.40	2.91	15.63	ppb
Iron	57-2	6.43	2.53	4.54	4.50	43.29	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.01	0.02	28.27	ppb
Lead	207-1	0.00	0.02	0.02	0.01	61.22	ppb
Lead	208-1	0.02	0.03	0.01	0.02	34.02	ppb
Lithium	6-1				93		%
Magnesium	24-2	5.63	2.62	3.51	3.92	39.47	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P7
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 15:54:40	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.03	0.00	0.03	0.02	76.83	ppb
Molybdenum	94-1	0.27	0.17	0.20	0.21	25.64	ppb
Molybdenum	95-1	0.18	0.12	0.08	0.12	40.32	ppb
Molybdenum	96-1	0.19	0.20	0.11	0.17	28.37	ppb
Molybdenum	97-1	0.18	0.14	0.21	0.18	19.36	ppb
Molybdenum	98-1	0.21	0.15	0.17	0.18	17.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.02	0.01	0.00	1957.65	ppb
Phosphorus	31-2	-37.85	-54.73	-51.09	-47.89		ppb
Potassium	39-2	15.53	16.59	11.56	14.56	18.23	ppb
Rhodium	103-1				94		%
Rhodium	103-2				97		%
Scandium	45-1				92		%
Scandium	45-2				96		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.39	0.64	0.23	0.16	322.19	ppb
Selenium	82-1	0.60	0.16	0.16	0.30	83.73	ppb
Silicon	28-1	1.35	0.98	0.27	0.87	63.57	ppb
Silver	109-1	0.00	0.01	0.00	0.01	98.69	ppb
Silver	107-1	-0.01	-0.01	-0.01	-0.01		ppb
Sodium	23-2	7.41	6.39	5.42	6.41	15.56	ppb
Strontium	86-1	0.02	0.01	-0.04	-0.01		ppb
Strontium	88-1	0.01	0.01	0.00	0.01	65.43	ppb
Sulfur	34-1	-770.62	-1076.65	-1083.54	-976.94		ppb
Terbium	159-1				96		%
Terbium	159-2				95		%
Thallium	203-1	0.09	0.04	0.07	0.06	43.23	ppb
Thallium	205-1	0.05	0.04	0.03	0.04	22.77	ppb
Thorium	232-1	0.03	0.04	0.03	0.04	14.07	ppb
Tin	118-1	-0.06	-0.03	0.00	-0.03		ppb
Titanium	47-1	0.23	0.10	0.14	0.16	42.94	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	48.08	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	95.32	ppb
Yttrium	89-1				96		%
Yttrium	89-2				99		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P7
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 15:54:40	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.19	-0.04	0.17	-0.02		ppb
Zirconium	90-1	0.04	0.01	0.03	0.03	49.40	ppb
Zirconium	91-1	0.08	0.01	-0.03	0.02	302.56	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-04ADLX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC066-SD-190712	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 15:58:16	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22073.67	21872.73	21509.16	21818.52	1.31	ppb
Antimony	121-1	62.97	62.74	62.48	62.73	0.39	ppb
Arsenic	75-2	102.78	104.53	102.44	103.25	1.09	ppb
Barium	135-1	615.69	612.76	608.82	612.42	0.56	ppb
Barium	137-1	602.12	602.76	600.83	601.90	0.16	ppb
Beryllium	9-1	103.69	104.01	103.84	103.85	0.15	ppb
Bismuth	209-1				87		%
Bismuth	209-2				86		%
Boron	10-1	89.62	94.38	95.92	93.31	3.52	ppb
Boron	11-1	93.07	94.30	93.45	93.61	0.67	ppb
Cadmium	111-1	94.25	95.53	96.29	95.36	1.08	ppb
Cadmium	106-1	96.77	93.09	99.33	96.40	3.25	ppb
Cadmium	108-1	98.72	101.46	97.83	99.34	1.90	ppb
Calcium	43-1	385480.22	392148.47	389350.64	388993.11	0.86	ppb
Calcium	44-1	390741.33	390443.67	388896.02	390027.01	0.25	ppb
Chromium	52-2	122.48	120.11	119.18	120.59	1.41	ppb
Cobalt	59-2	105.52	105.00	105.06	105.19	0.27	ppb
Copper	63-2	200.59	200.69	197.16	199.48	1.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				95		%
Indium	115-1				91		%
Indium	115-2				98		%
Iron	56-2	22761.57	22356.01	22093.11	22403.56	1.50	ppb
Iron	57-2	24951.25	24636.21	24656.35	24747.94	0.71	ppb
Krypton	83-1						cps
Lead	206-1	116.48	115.70	115.00	115.73	0.64	ppb
Lead	207-1	117.28	117.41	117.30	117.33	0.06	ppb
Lead	208-1	115.33	115.94	115.43	115.57	0.29	ppb
Lithium	6-1				93		%
Magnesium	24-2	15470.94	15355.13	15216.91	15347.66	0.83	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04ADLX5 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 15:58:16 DataFile Name : 044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	583.40	579.15	575.39	579.31	0.69	ppb
Molybdenum	94-1	386.10	388.98	385.63	386.91	0.47	ppb
Molybdenum	95-1	355.36	354.32	351.09	353.59	0.63	ppb
Molybdenum	96-1	358.63	360.53	358.02	359.06	0.36	ppb
Molybdenum	97-1	351.98	355.09	351.01	352.69	0.61	ppb
Molybdenum	98-1	342.76	348.68	352.71	348.05	1.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	114.75	116.40	113.34	114.83	1.34	ppb
Phosphorus	31-2	770.00	756.70	813.19	779.96	3.79	ppb
Potassium	39-2	8670.92	8649.62	8528.51	8616.35	0.89	ppb
Rhodium	103-1				89		%
Rhodium	103-2				92		%
Scandium	45-1				95		%
Scandium	45-2				100		%
Selenium	77-2	91.78	96.99	101.10	96.62	4.84	ppb
Selenium	78-2	90.19	87.65	97.24	91.69	5.42	ppb
Selenium	82-1	88.44	88.85	88.34	88.55	0.31	ppb
Silicon	28-1	2749.95	2819.33	2800.46	2789.91	1.29	ppb
Silver	109-1	109.06	109.19	107.26	108.50	0.99	ppb
Silver	107-1	109.21	109.59	108.24	109.02	0.64	ppb
Sodium	23-2	10024.06	9916.59	9871.77	9937.47	0.79	ppb
Strontium	86-1	368.64	370.64	369.69	369.66	0.27	ppb
Strontium	88-1	378.94	381.53	380.67	380.38	0.35	ppb
Sulfur	34-1	5842.75	5847.69	5797.46	5829.30	0.47	ppb
Terbium	159-1				96		%
Terbium	159-2				96		%
Thallium	203-1	91.01	92.65	92.24	91.97	0.93	ppb
Thallium	205-1	93.30	93.41	94.12	93.61	0.48	ppb
Thorium	232-1	6.27	6.24	6.05	6.19	1.91	ppb
Tin	118-1	11.72	10.77	11.22	11.23	4.22	ppb
Titanium	47-1	146.97	143.43	142.03	144.14	1.77	ppb
Uranium	238-1	96.80	97.10	96.08	96.66	0.54	ppb
Vanadium	51-2	139.40	136.98	137.59	137.99	0.91	ppb
Yttrium	89-1				102		%
Yttrium	89-2				107		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-04ADLX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC066-SD-190712	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 15:58:16	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	216.51	214.19	215.58	215.43	0.54	ppb
Zirconium	90-1	91.22	92.07	91.79	91.69	0.47	ppb
Zirconium	91-1	95.50	96.74	94.74	95.66	1.05	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-02DL2X25	Instrumnet Name :	P7
Client Sample ID :	KY030LC026-SD-190712	Dilution Factor :	25
Date & Time Acquired ::	2019-07-19 16:01:55	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2267.54	2295.16	2249.65	2270.79	1.01	ppb
Antimony	121-1	0.10	0.12	0.14	0.12	15.72	ppb
Arsenic	75-2	2.42	2.49	2.28	2.40	4.55	ppb
Barium	135-1	18.88	19.31	19.32	19.17	1.31	ppb
Barium	137-1	18.93	19.15	18.65	18.91	1.34	ppb
Beryllium	9-1	0.26	0.26	0.27	0.26	2.32	ppb
Bismuth	209-1				92		%
Bismuth	209-2				90		%
Boron	10-1	12.08	11.47	11.35	11.63	3.36	ppb
Boron	11-1	11.97	12.02	12.22	12.07	1.09	ppb
Cadmium	111-1	0.29	0.27	0.18	0.25	23.64	ppb
Cadmium	106-1	1.65	1.64	1.35	1.55	11.14	ppb
Cadmium	108-1	0.45	0.16	0.83	0.48	69.45	ppb
Calcium	43-1	88744.78	87234.31	86202.38	87393.82	1.46	ppb
Calcium	44-1	90939.05	89566.13	90453.50	90319.56	0.77	ppb
Chromium	52-2	7.93	8.07	8.34	8.11	2.57	ppb
Cobalt	59-2	1.53	1.49	1.56	1.53	2.26	ppb
Copper	63-2	2.64	2.32	2.64	2.53	7.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				95		%
Indium	115-1				95		%
Indium	115-2				101		%
Iron	56-2	4247.67	4229.01	4185.33	4220.67	0.76	ppb
Iron	57-2	4834.25	4811.65	4798.76	4814.89	0.37	ppb
Krypton	83-1						cps
Lead	206-1	6.86	6.64	6.71	6.74	1.68	ppb
Lead	207-1	6.23	6.28	6.58	6.36	2.97	ppb
Lead	208-1	6.38	6.36	6.38	6.38	0.16	ppb
Lithium	6-1				95		%
Magnesium	24-2	1083.76	1079.09	1067.21	1076.69	0.79	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-02DL2X25 Instrumnet Name : P7
 Client Sample ID : KY030LC026-SD-190712 Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 16:01:55 DataFile Name : 045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	107.46	107.22	106.23	106.97	0.61	ppb
Molybdenum	94-1	4.55	4.34	4.68	4.52	3.77	ppb
Molybdenum	95-1	0.20	0.23	0.12	0.19	32.18	ppb
Molybdenum	96-1	0.83	0.75	0.73	0.77	6.91	ppb
Molybdenum	97-1	0.15	0.19	0.18	0.18	13.33	ppb
Molybdenum	98-1	0.15	0.17	0.15	0.16	7.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.69	2.87	2.79	2.78	3.42	ppb
Phosphorus	31-2	1814.40	1674.05	1690.33	1726.26	4.45	ppb
Potassium	39-2	827.09	820.33	810.00	819.14	1.05	ppb
Rhodium	103-1				94		%
Rhodium	103-2				97		%
Scandium	45-1				95		%
Scandium	45-2				99		%
Selenium	77-2	14.76	12.46	17.00	14.74	15.40	ppb
Selenium	78-2	3.95	5.29	2.98	4.07	28.49	ppb
Selenium	82-1	0.36	0.49	0.72	0.52	34.41	ppb
Silicon	28-1	91.46	93.40	90.83	91.90	1.46	ppb
Silver	109-1	0.03	0.02	0.03	0.03	13.21	ppb
Silver	107-1	0.05	0.02	0.01	0.03	64.72	ppb
Sodium	23-2	156.35	153.84	152.73	154.30	1.20	ppb
Strontium	86-1	77.30	74.84	76.16	76.10	1.62	ppb
Strontium	88-1	77.76	77.47	76.38	77.20	0.95	ppb
Sulfur	34-1	143.70	45.56	54.15	81.14	66.99	ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	0.11	0.05	0.07	0.08	41.64	ppb
Thallium	205-1	0.05	0.05	0.07	0.06	19.16	ppb
Thorium	232-1	1.18	1.17	1.19	1.18	0.72	ppb
Tin	118-1	-0.01	-0.02	0.05	0.00	799.91	ppb
Titanium	47-1	3.77	3.67	4.05	3.83	5.10	ppb
Uranium	238-1	0.84	0.79	0.86	0.83	4.21	ppb
Vanadium	51-2	6.46	6.44	6.54	6.48	0.78	ppb
Yttrium	89-1				102		%
Yttrium	89-2				106		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-02DL2X25	Instrumnet Name :	P7
Client Sample ID :	KY030LC026-SD-190712	Dilution Factor :	25
Date & Time Acquired ::	2019-07-19 16:01:55	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	15.44	16.10	16.48	16.01	3.29	ppb
Zirconium	90-1	2.98	2.73	2.82	2.85	4.34	ppb
Zirconium	91-1	3.10	2.78	2.89	2.92	5.48	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-03DL2X25 Instrumnet Name : P7
 Client Sample ID : KY030LC058-SD-190712 Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 16:05:31 DataFile Name : 046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3189.44	3179.42	3167.65	3178.84	0.34	ppb
Antimony	121-1	0.04	0.07	0.07	0.06	22.16	ppb
Arsenic	75-2	3.00	3.37	2.90	3.09	8.05	ppb
Barium	135-1	29.45	29.08	28.99	29.17	0.84	ppb
Barium	137-1	28.08	27.12	28.06	27.75	1.97	ppb
Beryllium	9-1	0.33	0.39	0.33	0.35	10.50	ppb
Bismuth	209-1				92		%
Bismuth	209-2				91		%
Boron	10-1	8.35	8.60	8.87	8.61	2.98	ppb
Boron	11-1	8.85	8.92	9.06	8.94	1.18	ppb
Cadmium	111-1	0.08	0.06	0.15	0.10	48.40	ppb
Cadmium	106-1	0.53	0.38	1.55	0.82	77.52	ppb
Cadmium	108-1	-0.03	0.36	0.94	0.42	115.68	ppb
Calcium	43-1	54975.18	55972.06	55434.27	55460.50	0.90	ppb
Calcium	44-1	56764.14	57864.26	57081.07	57236.49	0.99	ppb
Chromium	52-2	11.98	12.01	11.57	11.86	2.08	ppb
Cobalt	59-2	1.95	1.98	2.11	2.02	4.19	ppb
Copper	63-2	9.31	9.48	9.40	9.40	0.92	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				95		%
Holmium	165-2				95		%
Indium	115-1				95		%
Indium	115-2				101		%
Iron	56-2	6327.80	6278.74	6199.16	6268.57	1.04	ppb
Iron	57-2	6650.36	6735.51	6628.60	6671.49	0.85	ppb
Krypton	83-1						cps
Lead	206-1	6.21	6.23	6.06	6.17	1.55	ppb
Lead	207-1	6.19	6.02	5.77	6.00	3.54	ppb
Lead	208-1	6.03	5.96	5.93	5.97	0.88	ppb
Lithium	6-1				94		%
Magnesium	24-2	1384.66	1344.13	1349.14	1359.31	1.63	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-03DL2X25 Instrumnet Name : P7
 Client Sample ID : KY030LC058-SD-190712 Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 16:05:31 DataFile Name : 046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	167.50	166.80	166.08	166.79	0.43	ppb
Molybdenum	94-1	5.85	5.76	5.69	5.76	1.38	ppb
Molybdenum	95-1	0.10	0.08	0.08	0.09	15.78	ppb
Molybdenum	96-1	0.95	0.89	0.86	0.90	5.05	ppb
Molybdenum	97-1	0.08	0.08	0.07	0.08	13.87	ppb
Molybdenum	98-1	0.09	0.10	0.11	0.10	10.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.15	4.27	4.34	4.26	2.29	ppb
Phosphorus	31-2	1702.03	1752.23	1765.77	1740.01	1.93	ppb
Potassium	39-2	1256.62	1273.07	1274.81	1268.17	0.79	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				95		%
Scandium	45-2				98		%
Selenium	77-2	17.40	11.17	16.84	15.14	22.75	ppb
Selenium	78-2	5.26	4.81	5.23	5.10	4.90	ppb
Selenium	82-1	0.29	0.54	0.77	0.53	45.37	ppb
Silicon	28-1	125.58	129.27	124.60	126.49	1.95	ppb
Silver	109-1	0.01	0.01	0.01	0.01	31.14	ppb
Silver	107-1	0.01	0.03	0.05	0.03	54.13	ppb
Sodium	23-2	102.01	99.52	101.91	101.15	1.39	ppb
Strontium	86-1	55.81	55.65	55.96	55.81	0.29	ppb
Strontium	88-1	58.07	56.96	56.94	57.32	1.12	ppb
Sulfur	34-1	31.18	-42.03	-150.99	-53.95		ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	0.06	0.04	0.04	0.05	23.98	ppb
Thallium	205-1	0.03	0.04	0.04	0.04	15.37	ppb
Thorium	232-1	1.77	1.82	1.74	1.78	2.15	ppb
Tin	118-1	0.00	0.02	0.02	0.01	93.64	ppb
Titanium	47-1	3.07	3.03	3.56	3.22	9.31	ppb
Uranium	238-1	0.77	0.79	0.78	0.78	0.96	ppb
Vanadium	51-2	7.32	7.56	7.22	7.37	2.40	ppb
Yttrium	89-1				104		%
Yttrium	89-2				107		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-03DL2X25	Instrumnet Name :	P7
Client Sample ID :	KY030LC058-SD-190712	Dilution Factor :	25
Date & Time Acquired ::	2019-07-19 16:05:31	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	23.47	23.69	22.95	23.37	1.63	ppb
Zirconium	90-1	3.64	3.72	3.71	3.69	1.17	ppb
Zirconium	91-1	3.92	3.89	3.56	3.79	5.28	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04DL2X25 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 16:09:08 DataFile Name : 047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1232.35	1219.31	1214.62	1222.09	0.75	ppb
Antimony	121-1	0.02	0.09	0.09	0.07	58.82	ppb
Arsenic	75-2	3.10	3.59	3.48	3.39	7.50	ppb
Barium	135-1	14.92	13.57	14.32	14.27	4.74	ppb
Barium	137-1	14.81	14.37	14.47	14.55	1.56	ppb
Beryllium	9-1	0.24	0.27	0.29	0.27	8.28	ppb
Bismuth	209-1				91		%
Bismuth	209-2				89		%
Boron	10-1	5.35	5.04	4.48	4.96	8.88	ppb
Boron	11-1	4.59	5.14	4.88	4.87	5.63	ppb
Cadmium	111-1	0.29	-0.17	0.07	0.06	361.01	ppb
Cadmium	106-1	2.56	-2.59	-0.34	-0.12		ppb
Cadmium	108-1	0.26	0.45	0.35	0.35	26.12	ppb
Calcium	43-1	106819.47	105572.68	105482.60	105958.25	0.71	ppb
Calcium	44-1	110164.06	109535.45	110195.31	109964.94	0.34	ppb
Chromium	52-2	3.11	3.29	3.22	3.21	2.80	ppb
Cobalt	59-2	1.31	1.37	1.39	1.36	2.88	ppb
Copper	63-2	3.19	3.22	3.19	3.20	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				95		%
Indium	115-1				96		%
Indium	115-2				102		%
Iron	56-2	8565.96	8427.49	8317.72	8437.05	1.47	ppb
Iron	57-2	9133.94	9053.90	9049.35	9079.06	0.52	ppb
Krypton	83-1						cps
Lead	206-1	4.54	4.79	4.60	4.64	2.86	ppb
Lead	207-1	4.54	4.33	4.25	4.37	3.41	ppb
Lead	208-1	4.41	4.42	4.33	4.39	1.06	ppb
Lithium	6-1				95		%
Magnesium	24-2	839.23	858.61	827.55	841.80	1.86	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-04DL2X25	Instrumnet Name :	P7
Client Sample ID :	KY030LC066-SD-190712	Dilution Factor :	25
Date & Time Acquired ::	2019-07-19 16:09:08	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	84.74	85.76	85.12	85.21	0.60	ppb
Molybdenum	94-1	4.77	4.66	4.27	4.56	5.78	ppb
Molybdenum	95-1	0.16	0.10	0.15	0.14	25.38	ppb
Molybdenum	96-1	0.84	0.61	0.61	0.69	19.89	ppb
Molybdenum	97-1	0.07	0.12	0.04	0.08	54.38	ppb
Molybdenum	98-1	0.08	0.08	0.09	0.08	7.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.18	7.64	7.68	7.83	3.83	ppb
Phosphorus	31-2	106.92	70.53	96.45	91.30	20.52	ppb
Potassium	39-2	287.11	292.75	288.06	289.31	1.04	ppb
Rhodium	103-1				95		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				101		%
Selenium	77-2	4.68	2.34	5.84	4.28	41.58	ppb
Selenium	78-2	1.74	1.73	0.93	1.47	31.51	ppb
Selenium	82-1	-0.29	0.27	-0.16	-0.06		ppb
Silicon	28-1	349.10	344.57	365.82	353.16	3.17	ppb
Silver	109-1	0.00	-0.01	-0.02	-0.01		ppb
Silver	107-1	0.00	0.01	-0.01	0.00		ppb
Sodium	23-2	45.79	41.68	42.67	43.38	4.95	ppb
Strontium	86-1	69.83	69.69	70.77	70.10	0.84	ppb
Strontium	88-1	71.28	70.60	70.94	70.94	0.48	ppb
Sulfur	34-1	1339.20	1251.37	717.95	1102.84	30.49	ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	0.07	0.04	0.09	0.06	40.77	ppb
Thallium	205-1	0.04	0.04	0.06	0.04	23.91	ppb
Thorium	232-1	0.83	0.84	0.76	0.81	5.27	ppb
Tin	118-1	-0.10	-0.03	-0.09	-0.08		ppb
Titanium	47-1	1.29	1.22	1.23	1.25	3.04	ppb
Uranium	238-1	0.39	0.43	0.42	0.41	3.96	ppb
Vanadium	51-2	20.11	20.00	19.80	19.97	0.79	ppb
Yttrium	89-1				100		%
Yttrium	89-2				103		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-04DL2X25	Instrumnet Name :	P7
Client Sample ID :	KY030LC066-SD-190712	Dilution Factor :	25
Date & Time Acquired ::	2019-07-19 16:09:08	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	19.25	19.28	20.15	19.56	2.61	ppb
Zirconium	90-1	2.94	2.95	3.01	2.97	1.23	ppb
Zirconium	91-1	3.17	2.92	3.03	3.04	4.13	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04MSDL2X25 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 16:12:44 DataFile Name : 048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20171.75	20491.60	19986.41	20216.59	1.26	ppb
Antimony	121-1	11.69	10.76	11.28	11.24	4.15	ppb
Arsenic	75-2	92.69	92.89	93.36	92.98	0.37	ppb
Barium	135-1	547.95	548.34	550.48	548.92	0.25	ppb
Barium	137-1	539.24	540.98	538.55	539.59	0.23	ppb
Beryllium	9-1	91.03	92.59	92.51	92.04	0.95	ppb
Bismuth	209-1				87		%
Bismuth	209-2				86		%
Boron	10-1	79.03	79.49	81.68	80.07	1.76	ppb
Boron	11-1	80.46	82.34	81.90	81.57	1.20	ppb
Cadmium	111-1	88.14	85.51	85.04	86.23	1.94	ppb
Cadmium	106-1	93.42	89.39	93.41	92.07	2.52	ppb
Cadmium	108-1	90.35	91.92	90.12	90.80	1.08	ppb
Calcium	43-1	375571.37	376705.49	376829.88	376368.92	0.18	ppb
Calcium	44-1	375891.95	379656.75	378554.08	378034.26	0.51	ppb
Chromium	52-2	109.55	111.13	108.16	109.61	1.36	ppb
Cobalt	59-2	95.46	97.27	94.47	95.73	1.48	ppb
Copper	63-2	180.70	182.46	178.15	180.43	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				94		%
Indium	115-1				93		%
Indium	115-2				99		%
Iron	56-2	21924.24	22013.54	21439.13	21792.30	1.42	ppb
Iron	57-2	23695.67	24514.97	24155.58	24122.07	1.70	ppb
Krypton	83-1						cps
Lead	206-1	103.40	101.91	103.52	102.94	0.87	ppb
Lead	207-1	104.19	104.32	103.26	103.93	0.55	ppb
Lead	208-1	103.04	103.09	102.49	102.88	0.32	ppb
Lithium	6-1				93		%
Magnesium	24-2	13951.96	14238.40	14079.99	14090.12	1.02	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04MSDL2X25 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 16:12:44 DataFile Name : 048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	549.80	554.93	541.71	548.81	1.21	ppb
Molybdenum	94-1	350.95	349.38	348.64	349.66	0.34	ppb
Molybdenum	95-1	326.22	320.52	323.37	323.37	0.88	ppb
Molybdenum	96-1	328.80	321.41	322.40	324.20	1.24	ppb
Molybdenum	97-1	323.96	316.29	318.41	319.55	1.24	ppb
Molybdenum	98-1	317.35	313.93	316.67	315.98	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.89	106.71	104.78	105.13	1.37	ppb
Phosphorus	31-2	760.64	777.00	868.03	801.89	7.22	ppb
Potassium	39-2	7807.08	7852.70	7763.64	7807.81	0.57	ppb
Rhodium	103-1				90		%
Rhodium	103-2				93		%
Scandium	45-1				96		%
Scandium	45-2				100		%
Selenium	77-2	92.85	112.60	117.53	107.66	12.13	ppb
Selenium	78-2	73.78	85.41	81.80	80.33	7.41	ppb
Selenium	82-1	77.32	77.17	75.56	76.68	1.27	ppb
Silicon	28-1	3639.24	3659.14	3675.37	3657.92	0.49	ppb
Silver	109-1	80.15	79.01	79.55	79.57	0.71	ppb
Silver	107-1	80.53	81.16	79.77	80.49	0.87	ppb
Sodium	23-2	8893.06	8988.34	8751.73	8877.71	1.34	ppb
Strontium	86-1	359.27	357.21	358.55	358.34	0.29	ppb
Strontium	88-1	368.39	367.82	370.33	368.84	0.36	ppb
Sulfur	34-1	6380.21	6140.88	5779.30	6100.13	4.96	ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	80.59	80.91	80.23	80.58	0.42	ppb
Thallium	205-1	82.25	81.14	81.83	81.74	0.69	ppb
Thorium	232-1	5.85	5.66	5.80	5.77	1.71	ppb
Tin	118-1	10.77	10.11	11.01	10.63	4.36	ppb
Titanium	47-1	159.06	159.00	157.51	158.52	0.55	ppb
Uranium	238-1	84.51	85.29	85.45	85.08	0.59	ppb
Vanadium	51-2	128.81	130.90	128.95	129.55	0.90	ppb
Yttrium	89-1				104		%
Yttrium	89-2				107		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-04MSDL2X25	Instrumnet Name :	P7
Client Sample ID :	KY030LC066-SD-190712	Dilution Factor :	25
Date & Time Acquired ::	2019-07-19 16:12:44	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	202.19	196.48	202.54	200.40	1.70	ppb
Zirconium	90-1	82.69	81.97	82.66	82.44	0.49	ppb
Zirconium	91-1	87.20	87.27	84.16	86.21	2.06	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04MSDDL2X25 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 16:16:23 DataFile Name : 049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21676.73	21654.38	21768.94	21700.01	0.28	ppb
Antimony	121-1	6.69	7.60	7.16	7.15	6.36	ppb
Arsenic	75-2	103.16	102.88	99.28	101.77	2.13	ppb
Barium	135-1	607.34	608.39	598.89	604.87	0.86	ppb
Barium	137-1	607.54	602.84	598.58	602.99	0.74	ppb
Beryllium	9-1	102.80	103.46	103.58	103.28	0.41	ppb
Bismuth	209-1				87		%
Bismuth	209-2				86		%
Boron	10-1	89.29	85.34	92.72	89.12	4.14	ppb
Boron	11-1	88.08	89.33	90.93	89.45	1.60	ppb
Cadmium	111-1	96.75	96.67	93.53	95.65	1.92	ppb
Cadmium	106-1	101.15	102.98	99.30	101.14	1.82	ppb
Cadmium	108-1	91.49	97.59	97.01	95.36	3.53	ppb
Calcium	43-1	399441.81	401330.60	397037.32	399269.91	0.54	ppb
Calcium	44-1	398151.06	400198.28	398880.63	399076.65	0.26	ppb
Chromium	52-2	121.46	118.92	120.27	120.22	1.05	ppb
Cobalt	59-2	104.97	105.82	105.88	105.56	0.48	ppb
Copper	63-2	200.02	195.86	199.92	198.60	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				95		%
Indium	115-1				93		%
Indium	115-2				100		%
Iron	56-2	22717.92	22158.93	22098.67	22325.17	1.53	ppb
Iron	57-2	24794.08	24839.59	24512.67	24715.45	0.72	ppb
Krypton	83-1						cps
Lead	206-1	117.68	115.09	115.81	116.19	1.15	ppb
Lead	207-1	116.95	115.40	116.76	116.37	0.72	ppb
Lead	208-1	117.25	115.19	114.20	115.54	1.35	ppb
Lithium	6-1				93		%
Magnesium	24-2	15348.53	15191.75	15262.40	15267.56	0.51	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04MSDDL2X25 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 16:16:23 DataFile Name : 049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	587.31	579.83	580.23	582.46	0.72	ppb
Molybdenum	94-1	376.83	379.36	373.56	376.58	0.77	ppb
Molybdenum	95-1	344.35	341.61	341.10	342.36	0.51	ppb
Molybdenum	96-1	347.45	343.59	339.08	343.37	1.22	ppb
Molybdenum	97-1	343.26	339.58	339.85	340.90	0.60	ppb
Molybdenum	98-1	337.99	338.40	332.96	336.45	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	115.17	114.14	114.04	114.45	0.55	ppb
Phosphorus	31-2	825.11	887.12	732.62	814.95	9.54	ppb
Potassium	39-2	8596.07	8611.61	8540.81	8582.83	0.43	ppb
Rhodium	103-1				89		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				101		%
Selenium	77-2	100.93	127.05	116.17	114.72	11.44	ppb
Selenium	78-2	89.05	91.09	91.84	90.66	1.59	ppb
Selenium	82-1	85.68	84.18	86.91	85.59	1.60	ppb
Silicon	28-1	2049.19	2040.62	2048.46	2046.09	0.23	ppb
Silver	109-1	90.49	90.16	89.20	89.95	0.75	ppb
Silver	107-1	90.18	90.59	89.32	90.03	0.72	ppb
Sodium	23-2	9888.80	9818.28	9869.27	9858.78	0.37	ppb
Strontium	86-1	373.74	371.05	369.85	371.54	0.54	ppb
Strontium	88-1	380.25	384.15	378.21	380.87	0.79	ppb
Sulfur	34-1	6516.35	6344.68	6143.06	6334.70	2.95	ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	93.64	91.85	90.78	92.09	1.57	ppb
Thallium	205-1	94.46	93.48	92.90	93.61	0.85	ppb
Thorium	232-1	6.35	6.22	6.28	6.28	1.02	ppb
Tin	118-1	10.28	10.48	10.19	10.32	1.45	ppb
Titanium	47-1	116.55	116.35	114.26	115.72	1.09	ppb
Uranium	238-1	97.25	95.80	94.43	95.83	1.47	ppb
Vanadium	51-2	138.28	137.08	137.66	137.67	0.43	ppb
Yttrium	89-1				104		%
Yttrium	89-2				109		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-04MSDDL2X25	Instrumnet Name :	P7
Client Sample ID :	KY030LC066-SD-190712	Dilution Factor :	25
Date & Time Acquired ::	2019-07-19 16:16:23	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	218.01	214.14	215.81	215.99	0.90	ppb
Zirconium	90-1	90.83	90.11	90.16	90.37	0.45	ppb
Zirconium	91-1	96.38	92.26	94.34	94.33	2.18	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-08 Instrumnet Name : P7
 Client Sample ID : KY030LC068-SD-190709 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 16:20:02 DataFile Name : 050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51768.59	51370.50	50995.72	51378.27	0.75	ppb
Antimony	121-1	0.15	0.16	0.17	0.16	7.42	ppb
Arsenic	75-2	27.91	27.78	27.20	27.63	1.36	ppb
Barium	135-1	502.65	510.46	501.71	504.94	0.95	ppb
Barium	137-1	509.64	506.03	499.33	505.00	1.04	ppb
Beryllium	9-1	4.69	4.50	4.82	4.67	3.53	ppb
Bismuth	209-1				80		%
Bismuth	209-2				77		%
Boron	10-1	39.93	40.11	42.44	40.83	3.43	ppb
Boron	11-1	41.93	40.77	41.08	41.26	1.45	ppb
Cadmium	111-1	5.76	4.82	5.05	5.21	9.46	ppb
Cadmium	106-1	35.11	27.19	26.98	29.76	15.57	ppb
Cadmium	108-1	15.22	14.30	13.54	14.36	5.87	ppb
Calcium	43-1	1815795.42	1828163.92	1830042.99	1824667.44	0.42	ppb
Calcium	44-1	1817858.88	1814526.74	1836073.30	1822819.64	0.64	ppb
Chromium	52-2	138.13	137.10	136.81	137.35	0.50	ppb
Cobalt	59-2	29.33	29.67	29.90	29.63	0.97	ppb
Copper	63-2	45.80	46.36	45.50	45.89	0.95	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				92		%
Holmium	165-2				93		%
Indium	115-1				88		%
Indium	115-2				96		%
Iron	56-2	82467.23	81192.15	80129.58	81262.98	1.44	ppb
Iron	57-2	89425.14	88954.41	87764.05	88714.53	0.97	ppb
Krypton	83-1						cps
Lead	206-1	96.74	97.14	98.47	97.45	0.93	ppb
Lead	207-1	89.94	89.26	91.22	90.14	1.10	ppb
Lead	208-1	92.59	92.22	93.86	92.89	0.93	ppb
Lithium	6-1				94		%
Magnesium	24-2	21561.05	21431.40	21181.82	21391.42	0.90	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-08	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-SD-190709	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 16:20:02	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1839.97	1843.29	1834.21	1839.16	0.25	ppb
Molybdenum	94-1	70.75	70.85	70.25	70.61	0.46	ppb
Molybdenum	95-1	0.75	0.70	0.67	0.71	5.50	ppb
Molybdenum	96-1	9.66	9.90	9.88	9.81	1.40	ppb
Molybdenum	97-1	0.65	0.65	0.64	0.64	0.90	ppb
Molybdenum	98-1	0.83	0.75	0.79	0.79	5.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	71.62	71.91	72.56	72.03	0.67	ppb
Phosphorus	31-2	8917.70	8823.43	9223.82	8988.32	2.33	ppb
Potassium	39-2	16170.52	16143.74	15919.43	16077.90	0.86	ppb
Rhodium	103-1				83		%
Rhodium	103-2				86		%
Scandium	45-1				101		%
Scandium	45-2				109		%
Selenium	77-2	82.23	104.67	81.04	89.32	14.91	ppb
Selenium	78-2	21.07	17.94	18.08	19.03	9.27	ppb
Selenium	82-1	5.38	4.78	5.86	5.34	10.16	ppb
Silicon	28-1	15899.91	16024.91	16144.66	16023.16	0.76	ppb
Silver	109-1	0.81	0.84	0.82	0.82	1.97	ppb
Silver	107-1	0.87	0.93	0.94	0.91	4.00	ppb
Sodium	23-2	1087.27	1077.45	1074.88	1079.87	0.61	ppb
Strontium	86-1	985.90	993.06	995.79	991.59	0.52	ppb
Strontium	88-1	1029.47	1025.49	1036.08	1030.35	0.52	ppb
Sulfur	34-1	5508.60	5273.28	5332.52	5371.47	2.28	ppb
Terbium	159-1				95		%
Terbium	159-2				94		%
Thallium	203-1	0.96	0.96	0.89	0.94	4.36	ppb
Thallium	205-1	0.84	0.86	0.87	0.85	1.81	ppb
Thorium	232-1	28.91	28.60	29.25	28.92	1.13	ppb
Tin	118-1	0.37	0.38	0.51	0.42	18.56	ppb
Titanium	47-1	57.16	59.84	58.36	58.45	2.30	ppb
Uranium	238-1	8.75	8.66	8.60	8.67	0.87	ppb
Vanadium	51-2	148.26	146.84	144.30	146.47	1.37	ppb
Yttrium	89-1				139		%
Yttrium	89-2				146		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-08	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-SD-190709	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 16:20:02	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	214.48	215.51	217.14	215.71	0.62	ppb
Zirconium	90-1	46.43	45.37	45.72	45.84	1.18	ppb
Zirconium	91-1	48.54	47.19	47.83	47.85	1.41	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-08DUP Instrumnet Name : P7
 Client Sample ID : KY030LC068-SD-190709 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 16:23:43 DataFile Name : 051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54269.06	52965.99	52617.48	53284.17	1.63	ppb
Antimony	121-1	0.10	0.11	0.10	0.11	5.96	ppb
Arsenic	75-2	29.01	26.88	28.02	27.97	3.79	ppb
Barium	135-1	521.27	508.49	517.56	515.77	1.27	ppb
Barium	137-1	516.76	494.81	512.19	507.92	2.28	ppb
Beryllium	9-1	4.61	4.48	4.88	4.66	4.45	ppb
Bismuth	209-1				79		%
Bismuth	209-2				77		%
Boron	10-1	40.03	40.23	39.43	39.90	1.05	ppb
Boron	11-1	39.81	38.72	40.93	39.82	2.78	ppb
Cadmium	111-1	5.73	5.33	5.02	5.36	6.68	ppb
Cadmium	106-1	34.49	31.04	30.18	31.90	7.16	ppb
Cadmium	108-1	12.69	11.61	16.83	13.71	20.11	ppb
Calcium	43-1	1749134.81	1669086.27	1742255.24	1720158.77	2.58	ppb
Calcium	44-1	1765604.90	1668837.65	1726918.77	1720453.77	2.83	ppb
Chromium	52-2	144.64	139.30	140.92	141.62	1.94	ppb
Cobalt	59-2	31.11	29.88	30.87	30.62	2.13	ppb
Copper	63-2	46.18	46.07	45.73	45.99	0.51	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				88		%
Indium	115-2				96		%
Iron	56-2	83757.99	81327.91	81183.00	82089.63	1.76	ppb
Iron	57-2	91858.48	88310.90	88169.32	89446.23	2.34	ppb
Krypton	83-1						cps
Lead	206-1	97.86	94.32	97.71	96.63	2.08	ppb
Lead	207-1	89.95	88.72	90.03	89.56	0.82	ppb
Lead	208-1	92.90	90.33	93.15	92.13	1.69	ppb
Lithium	6-1				93		%
Magnesium	24-2	22071.91	21471.84	21446.41	21663.39	1.63	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-08DUP Instrumnet Name : P7
 Client Sample ID : KY030LC068-SD-190709 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 16:23:43 DataFile Name : 051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1860.78	1816.05	1812.07	1829.63	1.48	ppb
Molybdenum	94-1	70.75	69.18	71.26	70.39	1.54	ppb
Molybdenum	95-1	0.69	0.72	0.77	0.73	5.58	ppb
Molybdenum	96-1	9.96	9.43	9.47	9.62	3.10	ppb
Molybdenum	97-1	0.72	0.64	0.71	0.69	6.63	ppb
Molybdenum	98-1	0.65	0.66	0.65	0.65	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	71.81	70.90	71.69	71.47	0.69	ppb
Phosphorus	31-2	9952.52	9903.37	9898.63	9918.17	0.30	ppb
Potassium	39-2	16836.96	16485.80	16528.60	16617.12	1.15	ppb
Rhodium	103-1				83		%
Rhodium	103-2				85		%
Scandium	45-1				101		%
Scandium	45-2				107		%
Selenium	77-2	86.14	67.81	89.48	81.14	14.37	ppb
Selenium	78-2	21.99	22.78	20.45	21.74	5.44	ppb
Selenium	82-1	5.54	5.90	6.09	5.84	4.77	ppb
Silicon	28-1	16137.64	15485.41	16193.79	15938.95	2.47	ppb
Silver	109-1	0.73	0.69	0.76	0.73	4.65	ppb
Silver	107-1	0.90	0.80	0.90	0.87	6.89	ppb
Sodium	23-2	1078.82	1046.76	1058.77	1061.45	1.53	ppb
Strontium	86-1	991.74	954.41	978.99	975.05	1.95	ppb
Strontium	88-1	1014.81	992.42	1025.31	1010.85	1.66	ppb
Sulfur	34-1	5659.93	4626.13	5161.26	5149.10	10.04	ppb
Terbium	159-1				95		%
Terbium	159-2				93		%
Thallium	203-1	0.95	0.66	0.78	0.80	18.34	ppb
Thallium	205-1	0.79	0.83	0.90	0.84	6.65	ppb
Thorium	232-1	29.30	28.64	29.77	29.24	1.94	ppb
Tin	118-1	0.25	0.28	0.32	0.28	13.83	ppb
Titanium	47-1	61.53	56.71	60.74	59.66	4.34	ppb
Uranium	238-1	9.49	9.26	9.63	9.46	1.96	ppb
Vanadium	51-2	151.64	145.67	146.12	147.81	2.25	ppb
Yttrium	89-1				140		%
Yttrium	89-2				147		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-08DUP	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-SD-190709	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 16:23:43	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	202.56	198.14	197.70	199.47	1.35	ppb
Zirconium	90-1	46.34	44.68	45.60	45.54	1.83	ppb
Zirconium	91-1	47.49	46.65	47.82	47.32	1.28	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-09 Instrumnet Name : P7
 Client Sample ID : KY030LC068-SD-190709 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 16:27:24 DataFile Name : 052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	106199.14	103571.93	104232.49	104667.85	1.31	ppb
Antimony	121-1	15.42	15.92	15.48	15.60	1.76	ppb
Arsenic	75-2	300.37	303.52	298.33	300.74	0.87	ppb
Barium	135-1	2918.23	2954.82	2901.68	2924.91	0.93	ppb
Barium	137-1	2936.75	2957.77	2936.93	2943.81	0.41	ppb
Beryllium	9-1	458.08	455.09	455.56	456.24	0.35	ppb
Bismuth	209-1				75		%
Bismuth	209-2				76		%
Boron	10-1	453.45	458.04	457.70	456.40	0.56	ppb
Boron	11-1	455.03	459.01	464.95	459.66	1.09	ppb
Cadmium	111-1	410.68	418.29	414.84	414.60	0.92	ppb
Cadmium	106-1	455.91	459.48	456.01	457.13	0.44	ppb
Cadmium	108-1	451.75	427.48	425.98	435.07	3.32	ppb
Calcium	43-1	1465687.46	1466706.95	1471923.13	1468105.85	0.23	ppb
Calcium	44-1	1468877.48	1469944.61	1482542.44	1473788.18	0.52	ppb
Chromium	52-2	636.54	624.41	629.43	630.13	0.97	ppb
Cobalt	59-2	429.84	427.40	426.81	428.01	0.37	ppb
Copper	63-2	788.53	778.02	783.09	783.21	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				88		%
Holmium	165-2				92		%
Indium	115-1				84		%
Indium	115-2				95		%
Iron	56-2	135428.58	131972.25	133095.25	133498.69	1.32	ppb
Iron	57-2	140275.56	137333.02	136993.77	138200.78	1.31	ppb
Krypton	83-1						cps
Lead	206-1	581.50	576.29	576.50	578.10	0.51	ppb
Lead	207-1	591.96	593.28	586.14	590.46	0.64	ppb
Lead	208-1	579.31	581.06	577.48	579.28	0.31	ppb
Lithium	6-1				88		%
Magnesium	24-2	51172.13	49548.79	50087.31	50269.41	1.64	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-09 Instrumnet Name : P7
 Client Sample ID : KY030LC068-SD-190709 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 16:27:24 DataFile Name : 052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2711.97	2682.52	2616.21	2670.24	1.84	ppb
Molybdenum	94-1	1050.20	1058.96	1049.25	1052.80	0.51	ppb
Molybdenum	95-1	919.81	913.18	917.74	916.91	0.37	ppb
Molybdenum	96-1	927.81	936.98	939.76	934.85	0.67	ppb
Molybdenum	97-1	883.89	887.49	883.83	885.07	0.24	ppb
Molybdenum	98-1	910.73	916.84	906.51	911.36	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	470.25	473.59	470.97	471.60	0.37	ppb
Phosphorus	31-2	17722.25	17267.50	17804.74	17598.16	1.64	ppb
Potassium	39-2	47497.40	46519.32	46820.08	46945.60	1.07	ppb
Rhodium	103-1				79		%
Rhodium	103-2				84		%
Scandium	45-1				97		%
Scandium	45-2				108		%
Selenium	77-2	314.90	332.44	346.74	331.36	4.81	ppb
Selenium	78-2	258.39	263.02	264.56	261.99	1.22	ppb
Selenium	82-1	231.73	233.42	231.69	232.28	0.43	ppb
Silicon	28-1	4510.81	4501.26	4470.17	4494.08	0.47	ppb
Silver	109-1	388.88	391.02	386.89	388.93	0.53	ppb
Silver	107-1	390.84	389.76	382.66	387.75	1.15	ppb
Sodium	23-2	22290.16	21538.23	21783.40	21870.60	1.75	ppb
Strontium	86-1	1186.53	1212.33	1178.27	1192.38	1.49	ppb
Strontium	88-1	1235.38	1231.30	1218.75	1228.48	0.71	ppb
Sulfur	34-1	5919.62	5781.62	5664.34	5788.53	2.21	ppb
Terbium	159-1				91		%
Terbium	159-2				94		%
Thallium	203-1	460.45	455.45	458.57	458.16	0.55	ppb
Thallium	205-1	460.90	459.59	461.06	460.52	0.18	ppb
Thorium	232-1	36.41	37.00	36.16	36.53	1.19	ppb
Tin	118-1	110.52	113.30	111.86	111.90	1.25	ppb
Titanium	47-1	541.66	542.60	546.66	543.64	0.49	ppb
Uranium	238-1	495.07	503.51	494.94	497.84	0.99	ppb
Vanadium	51-2	630.32	618.63	624.71	624.56	0.94	ppb
Yttrium	89-1				152		%
Yttrium	89-2				165		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-09	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-SD-190709	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 16:27:24	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	881.15	863.33	857.36	867.28	1.43	ppb
Zirconium	90-1	281.71	280.13	279.71	280.52	0.38	ppb
Zirconium	91-1	278.38	282.27	276.54	279.07	1.05	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-08LX5 Instrumnet Name : P7
 Client Sample ID : KY030LC068-SD-190709 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 16:31:04 DataFile Name : 053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11357.60	11801.68	11443.66	11534.31	2.04	ppb
Antimony	121-1	0.05	0.07	0.05	0.05	18.28	ppb
Arsenic	75-2	6.81	7.63	7.33	7.26	5.72	ppb
Barium	135-1	101.37	98.33	97.20	98.97	2.18	ppb
Barium	137-1	99.17	96.01	97.88	97.69	1.62	ppb
Beryllium	9-1	0.92	1.06	1.05	1.01	8.02	ppb
Bismuth	209-1				86		%
Bismuth	209-2				83		%
Boron	10-1	26.14	24.44	24.11	24.90	4.37	ppb
Boron	11-1	25.81	25.14	24.52	25.16	2.57	ppb
Cadmium	111-1	1.30	1.30	1.27	1.29	1.26	ppb
Cadmium	106-1	6.43	8.12	6.57	7.04	13.33	ppb
Cadmium	108-1	2.24	2.51	3.31	2.69	20.59	ppb
Calcium	43-1	374202.23	361141.85	363602.89	366315.65	1.89	ppb
Calcium	44-1	376705.10	361238.52	362732.42	366892.01	2.33	ppb
Chromium	52-2	29.59	30.89	30.67	30.38	2.29	ppb
Cobalt	59-2	6.66	6.88	7.00	6.85	2.50	ppb
Copper	63-2	10.58	11.02	10.44	10.68	2.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				92		%
Indium	115-1				94		%
Indium	115-2				98		%
Iron	56-2	18250.94	18762.63	18219.38	18410.98	1.66	ppb
Iron	57-2	20364.74	21111.43	20613.56	20696.58	1.84	ppb
Krypton	83-1						cps
Lead	206-1	18.64	17.48	17.83	17.98	3.29	ppb
Lead	207-1	17.67	15.84	16.27	16.59	5.76	ppb
Lead	208-1	17.83	16.67	16.89	17.13	3.58	ppb
Lithium	6-1				92		%
Magnesium	24-2	4740.65	4823.24	4755.71	4773.20	0.92	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-08LX5 Instrumnet Name : P7
 Client Sample ID : KY030LC068-SD-190709 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 16:31:04 DataFile Name : 053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	409.46	420.46	409.98	413.30	1.50	ppb
Molybdenum	94-1	18.78	17.86	17.40	18.01	3.91	ppb
Molybdenum	95-1	0.33	0.37	0.41	0.37	10.57	ppb
Molybdenum	96-1	2.67	2.66	2.69	2.68	0.56	ppb
Molybdenum	97-1	0.39	0.33	0.30	0.34	13.52	ppb
Molybdenum	98-1	0.44	0.41	0.37	0.41	9.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.98	16.39	16.74	16.37	2.32	ppb
Phosphorus	31-2	2126.90	1982.07	2043.07	2050.68	3.55	ppb
Potassium	39-2	3456.36	3554.40	3440.25	3483.67	1.77	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				97		%
Scandium	45-2				99		%
Selenium	77-2	19.73	31.57	20.92	24.07	27.07	ppb
Selenium	78-2	6.55	8.33	6.96	7.28	12.75	ppb
Selenium	82-1	2.04	1.40	0.88	1.44	40.48	ppb
Silicon	28-1	3230.90	3133.77	3166.03	3176.90	1.56	ppb
Silver	109-1	0.21	0.17	0.16	0.18	15.75	ppb
Silver	107-1	0.22	0.16	0.20	0.19	16.50	ppb
Sodium	23-2	224.55	225.64	226.54	225.58	0.44	ppb
Strontium	86-1	265.66	253.34	259.26	259.42	2.37	ppb
Strontium	88-1	271.06	263.85	266.39	267.10	1.37	ppb
Sulfur	34-1	635.80	312.91	436.01	461.58	35.30	ppb
Terbium	159-1				96		%
Terbium	159-2				94		%
Thallium	203-1	0.23	0.20	0.16	0.19	18.96	ppb
Thallium	205-1	0.21	0.21	0.21	0.21	1.27	ppb
Thorium	232-1	5.21	4.91	4.94	5.02	3.33	ppb
Tin	118-1	0.05	0.06	0.02	0.04	42.07	ppb
Titanium	47-1	10.94	11.21	11.19	11.11	1.34	ppb
Uranium	238-1	1.70	1.49	1.54	1.58	6.96	ppb
Vanadium	51-2	30.96	32.69	31.31	31.65	2.89	ppb
Yttrium	89-1				107		%
Yttrium	89-2				109		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-08LX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-SD-190709	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 16:31:04	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	56.66	58.54	51.93	55.71	6.11	ppb
Zirconium	90-1	11.87	11.59	11.68	11.71	1.18	ppb
Zirconium	91-1	12.84	11.94	12.66	12.48	3.82	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P7
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 16:43:01	DataFile Name :	055CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52613.00	51717.19	51447.60	51925.93	1.17	ppb
Antimony	121-1	516.66	522.38	518.15	519.06	0.57	ppb
Arsenic	75-2	510.18	506.43	509.85	508.82	0.41	ppb
Barium	135-1	2511.75	2540.14	2526.64	2526.18	0.56	ppb
Barium	137-1	2550.68	2563.89	2575.96	2563.51	0.49	ppb
Beryllium	9-1	518.30	519.10	518.08	518.49	0.10	ppb
Bismuth	209-1				79		%
Bismuth	209-2				80		%
Boron	10-1	483.23	491.65	502.41	492.43	1.95	ppb
Boron	11-1	472.66	481.94	482.09	478.90	1.13	ppb
Cadmium	111-1	526.75	528.72	521.64	525.70	0.70	ppb
Cadmium	106-1	543.31	550.88	541.66	545.28	0.90	ppb
Cadmium	108-1	531.23	542.68	529.38	534.43	1.35	ppb
Calcium	43-1	235027.32	234641.20	232340.72	234003.08	0.62	ppb
Calcium	44-1	236140.80	236302.43	233933.81	235459.02	0.56	ppb
Chromium	52-2	504.57	495.37	496.29	498.74	1.02	ppb
Cobalt	59-2	495.08	488.04	484.35	489.15	1.11	ppb
Copper	63-2	1005.12	987.74	990.89	994.58	0.93	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				93		%
Indium	115-1				86		%
Indium	115-2				94		%
Iron	56-2	129058.85	125356.62	125097.45	126504.31	1.75	ppb
Iron	57-2	128580.02	125613.79	125171.32	126455.04	1.47	ppb
Krypton	83-1						cps
Lead	206-1	498.61	497.68	509.50	501.93	1.31	ppb
Lead	207-1	505.16	502.10	503.64	503.63	0.30	ppb
Lead	208-1	504.80	504.61	509.84	506.42	0.59	ppb
Lithium	6-1				87		%
Magnesium	24-2	248758.92	242405.05	240792.72	243985.56	1.73	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P7
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 16:43:01	DataFile Name :	055CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1014.72	994.89	995.38	1001.66	1.13	ppb
Molybdenum	94-1	2526.40	2504.62	2481.22	2504.08	0.90	ppb
Molybdenum	95-1	2502.58	2500.73	2473.12	2492.14	0.66	ppb
Molybdenum	96-1	2525.44	2502.26	2473.21	2500.31	1.05	ppb
Molybdenum	97-1	2499.60	2506.61	2494.80	2500.33	0.24	ppb
Molybdenum	98-1	2509.07	2496.53	2478.63	2494.74	0.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	496.37	485.70	488.29	490.12	1.14	ppb
Phosphorus	31-2	10060.17	9448.72	9632.00	9713.63	3.23	ppb
Potassium	39-2	124987.17	122133.06	122068.28	123062.84	1.35	ppb
Rhodium	103-1				83		%
Rhodium	103-2				88		%
Scandium	45-1				90		%
Scandium	45-2				96		%
Selenium	77-2	487.02	499.53	505.77	497.44	1.92	ppb
Selenium	78-2	501.48	472.01	505.52	493.00	3.71	ppb
Selenium	82-1	484.77	476.49	466.04	475.77	1.97	ppb
Silicon	28-1	476.04	478.45	473.23	475.91	0.55	ppb
Silver	109-1	520.13	519.00	516.37	518.50	0.37	ppb
Silver	107-1	517.36	520.13	518.18	518.56	0.27	ppb
Sodium	23-2	246980.03	240220.29	239206.66	242135.66	1.75	ppb
Strontium	86-1	562.19	562.28	563.39	562.62	0.12	ppb
Strontium	88-1	580.77	579.21	574.01	578.00	0.61	ppb
Sulfur	34-1	10330.74	10300.77	10104.92	10245.48	1.20	ppb
Terbium	159-1				92		%
Terbium	159-2				95		%
Thallium	203-1	499.25	490.90	502.20	497.45	1.18	ppb
Thallium	205-1	511.73	509.01	518.45	513.06	0.95	ppb
Thorium	232-1	511.93	520.05	522.30	518.09	1.05	ppb
Tin	118-1	499.86	495.73	495.43	497.01	0.50	ppb
Titanium	47-1	2423.04	2421.65	2389.28	2411.33	0.79	ppb
Uranium	238-1	512.40	517.80	524.94	518.38	1.21	ppb
Vanadium	51-2	509.04	501.11	499.13	503.09	1.04	ppb
Yttrium	89-1				92		%
Yttrium	89-2				99		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P7
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 16:43:01	DataFile Name :	055CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	997.25	977.97	975.62	983.61	1.21	ppb
Zirconium	90-1	504.78	501.50	497.48	501.25	0.73	ppb
Zirconium	91-1	495.20	495.34	493.95	494.83	0.15	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P7
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 16:47:39	DataFile Name :	056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.46	2.16	1.18	2.27	50.48	ppb
Antimony	121-1	0.30	0.30	0.26	0.28	7.78	ppb
Arsenic	75-2	0.02	0.02	-0.02	0.01	321.59	ppb
Barium	135-1	0.25	0.30	0.12	0.22	42.48	ppb
Barium	137-1	0.20	0.15	0.15	0.16	16.26	ppb
Beryllium	9-1	0.12	0.08	0.05	0.08	37.24	ppb
Bismuth	209-1				89		%
Bismuth	209-2				87		%
Boron	10-1	16.52	17.38	12.98	15.63	14.94	ppb
Boron	11-1	16.81	15.81	15.71	16.11	3.77	ppb
Cadmium	111-1	-0.10	0.06	-0.15	-0.06		ppb
Cadmium	106-1	-1.77	0.37	-2.55	-1.32		ppb
Cadmium	108-1	0.17	0.08	-0.13	0.04	369.09	ppb
Calcium	43-1	16.29	20.28	15.70	17.42	14.30	ppb
Calcium	44-1	17.67	20.85	14.34	17.62	18.47	ppb
Chromium	52-2	-0.01	-0.04	0.00	-0.01		ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	18.70	ppb
Copper	63-2	0.04	0.04	0.08	0.05	46.13	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				90		%
Holmium	165-2				91		%
Indium	115-1				92		%
Indium	115-2				98		%
Iron	56-2	6.70	6.11	5.08	5.96	13.77	ppb
Iron	57-2	7.52	5.62	5.73	6.29	16.91	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.05	0.06	0.07	21.76	ppb
Lead	207-1	0.03	0.05	0.01	0.03	63.45	ppb
Lead	208-1	0.04	0.06	0.04	0.05	18.91	ppb
Lithium	6-1				88		%
Magnesium	24-2	11.63	8.23	7.54	9.13	23.98	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P7
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 16:47:39	DataFile Name :	056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.03	0.01	0.02	75.23	ppb
Molybdenum	94-1	0.35	0.34	0.37	0.35	3.37	ppb
Molybdenum	95-1	0.40	0.44	0.42	0.42	4.04	ppb
Molybdenum	96-1	0.42	0.46	0.29	0.39	23.48	ppb
Molybdenum	97-1	0.44	0.44	0.30	0.39	21.15	ppb
Molybdenum	98-1	0.42	0.39	0.39	0.40	4.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	-0.01	0.00	0.01	227.96	ppb
Phosphorus	31-2	-60.60	-44.03	-33.42	-46.02		ppb
Potassium	39-2	14.58	14.04	13.19	13.94	5.00	ppb
Rhodium	103-1				92		%
Rhodium	103-2				95		%
Scandium	45-1				89		%
Scandium	45-2				93		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.28	0.64	-0.16	0.25	158.33	ppb
Selenium	82-1	0.31	0.11	-0.10	0.11	188.05	ppb
Silicon	28-1	1.33	1.85	1.41	1.53	18.28	ppb
Silver	109-1	0.03	0.05	0.01	0.03	63.91	ppb
Silver	107-1	0.02	0.04	0.02	0.02	47.77	ppb
Sodium	23-2	7.89	5.56	6.48	6.64	17.60	ppb
Strontium	86-1	-0.10	0.06	0.09	0.02	548.50	ppb
Strontium	88-1	0.04	0.06	0.04	0.04	25.78	ppb
Sulfur	34-1	-714.35	-639.54	-829.46	-727.79		ppb
Terbium	159-1				94		%
Terbium	159-2				93		%
Thallium	203-1	0.08	0.10	0.06	0.08	27.78	ppb
Thallium	205-1	0.09	0.09	0.07	0.08	10.43	ppb
Thorium	232-1	0.11	0.09	0.08	0.10	15.88	ppb
Tin	118-1	0.03	0.04	0.04	0.04	23.14	ppb
Titanium	47-1	0.25	0.29	0.14	0.23	35.15	ppb
Uranium	238-1	0.04	0.05	0.03	0.04	18.02	ppb
Vanadium	51-2	0.02	0.02	0.01	0.02	50.19	ppb
Yttrium	89-1				93		%
Yttrium	89-2				98		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P7
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 16:47:39	DataFile Name :	056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.06	-0.11	-0.02	-0.02		ppb
Zirconium	90-1	0.09	0.07	0.04	0.07	34.17	ppb
Zirconium	91-1	0.00	0.00	0.04	0.01	150.35	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : PB121376BL Instrumnet Name : P7
 Client Sample ID : PB121376BL Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 16:51:15 DataFile Name : 057CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.34	1.15	1.51	1.33	13.31	ppb
Antimony	121-1	0.09	0.10	0.07	0.09	17.36	ppb
Arsenic	75-2	0.02	0.02	0.00	0.01	85.62	ppb
Barium	135-1	-0.02	-0.02	-0.02	-0.02		ppb
Barium	137-1	0.01	0.03	-0.01	0.01	245.93	ppb
Beryllium	9-1	0.04	0.09	0.05	0.06	44.59	ppb
Bismuth	209-1				89		%
Bismuth	209-2				87		%
Boron	10-1	9.85	10.20	7.97	9.34	12.84	ppb
Boron	11-1	8.90	8.86	8.09	8.62	5.28	ppb
Cadmium	111-1	0.03	-0.03	-0.14	-0.04		ppb
Cadmium	106-1	0.33	-0.38	-1.86	-0.64		ppb
Cadmium	108-1	-0.13	-0.02	0.28	0.04	497.59	ppb
Calcium	43-1	3.21	1.12	-0.33	1.33	133.38	ppb
Calcium	44-1	-0.65	-0.22	-1.39	-0.75		ppb
Chromium	52-2	-0.01	0.01	-0.01	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	649.28	ppb
Copper	63-2	-0.03	0.02	0.02	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				92		%
Indium	115-1				93		%
Indium	115-2				99		%
Iron	56-2	1.15	0.72	0.83	0.90	24.85	ppb
Iron	57-2	0.71	0.76	1.28	0.92	34.22	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.00	0.01	0.01	86.83	ppb
Lead	207-1	0.01	0.00	0.01	0.00	148.44	ppb
Lead	208-1	0.00	0.00	0.00	0.00	127.80	ppb
Lithium	6-1				90		%
Magnesium	24-2	1.81	0.79	0.60	1.07	60.87	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : PB121376BL Instrumnet Name : P7
 Client Sample ID : PB121376BL Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 16:51:15 DataFile Name : 057CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.01	0.00	0.00		ppb
Molybdenum	94-1	0.06	0.15	0.13	0.11	39.05	ppb
Molybdenum	95-1	0.06	0.04	0.02	0.04	48.42	ppb
Molybdenum	96-1	0.08	0.03	0.03	0.05	65.97	ppb
Molybdenum	97-1	0.10	0.09	0.01	0.07	69.72	ppb
Molybdenum	98-1	0.08	0.08	0.08	0.08	2.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.01	0.00	0.02	103.77	ppb
Phosphorus	31-2	-44.43	-54.27	-61.30	-53.33		ppb
Potassium	39-2	13.96	10.38	14.61	12.98	17.53	ppb
Rhodium	103-1				93		%
Rhodium	103-2				97		%
Scandium	45-1				91		%
Scandium	45-2				96		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.50	1.91	1.87	1.76	12.97	ppb
Selenium	82-1	-0.72	-0.29	0.14	-0.29		ppb
Silicon	28-1	1.78	1.23	1.33	1.45	20.32	ppb
Silver	109-1	-0.01	-0.01	-0.01	-0.01		ppb
Silver	107-1	-0.01	-0.01	0.00	-0.01		ppb
Sodium	23-2	-3.84	-2.42	-2.76	-3.01		ppb
Strontium	86-1	0.01	0.02	-0.01	0.00	313.26	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-471.23	-413.28	-695.08	-526.53		ppb
Terbium	159-1				94		%
Terbium	159-2				93		%
Thallium	203-1	0.01	0.04	0.03	0.03	51.49	ppb
Thallium	205-1	0.01	0.03	0.02	0.02	54.26	ppb
Thorium	232-1	0.04	0.03	0.02	0.03	31.72	ppb
Tin	118-1	-0.03	-0.06	-0.07	-0.05		ppb
Titanium	47-1	0.00	0.09	0.04	0.04	101.40	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				95		%
Yttrium	89-2				99		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	PB121376BL	Instrumnet Name :	P7
Client Sample ID :	PB121376BL	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 16:51:15	DataFile Name :	057CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.02	0.18	-0.12	0.03	547.81	ppb
Zirconium	90-1	0.00	0.00	0.02	0.00	230.13	ppb
Zirconium	91-1	-0.02	0.01	-0.01	0.00		ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	PB121376BS	Instrumnet Name :	P7
Client Sample ID :	PB121376BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 16:54:51	DataFile Name :	058LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10318.48	10091.94	9790.43	10066.95	2.63	ppb
Antimony	121-1	515.35	516.78	514.54	515.56	0.22	ppb
Arsenic	75-2	506.28	511.79	479.37	499.15	3.48	ppb
Barium	135-1	2520.78	2516.25	2538.23	2525.09	0.46	ppb
Barium	137-1	2563.27	2579.17	2589.60	2577.35	0.51	ppb
Beryllium	9-1	519.87	520.62	518.58	519.69	0.20	ppb
Bismuth	209-1				86		%
Bismuth	209-2				88		%
Boron	10-1	467.69	484.88	480.63	477.73	1.87	ppb
Boron	11-1	466.14	475.93	482.20	474.76	1.71	ppb
Cadmium	111-1	500.54	499.89	498.55	499.66	0.20	ppb
Cadmium	106-1	527.02	521.74	510.62	519.79	1.61	ppb
Cadmium	108-1	526.65	525.99	529.59	527.41	0.36	ppb
Calcium	43-1	48924.42	48788.91	48251.33	48654.88	0.73	ppb
Calcium	44-1	49201.16	49168.45	48945.64	49105.08	0.28	ppb
Chromium	52-2	506.17	502.73	483.85	497.58	2.41	ppb
Cobalt	59-2	513.98	509.46	490.13	504.52	2.51	ppb
Copper	63-2	1017.14	1014.82	983.25	1005.07	1.88	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				95		%
Indium	115-1				91		%
Indium	115-2				100		%
Iron	56-2	26935.19	26399.88	25362.56	26232.55	3.05	ppb
Iron	57-2	27354.52	27312.35	26198.88	26955.25	2.43	ppb
Krypton	83-1						cps
Lead	206-1	485.62	488.22	488.42	487.42	0.32	ppb
Lead	207-1	488.94	489.95	494.97	491.29	0.66	ppb
Lead	208-1	493.97	491.05	494.17	493.06	0.35	ppb
Lithium	6-1				89		%
Magnesium	24-2	51423.74	50362.03	48614.46	50133.41	2.83	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	PB121376BS	Instrumnet Name :	P7
Client Sample ID :	PB121376BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 16:54:51	DataFile Name :	058LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1036.43	1025.10	992.75	1018.09	2.23	ppb
Molybdenum	94-1	2490.75	2486.89	2485.85	2487.83	0.10	ppb
Molybdenum	95-1	2497.22	2482.94	2473.65	2484.60	0.48	ppb
Molybdenum	96-1	2500.56	2480.26	2469.53	2483.45	0.63	ppb
Molybdenum	97-1	2496.00	2463.11	2473.15	2477.42	0.68	ppb
Molybdenum	98-1	2477.82	2487.88	2468.13	2477.94	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.31	509.93	491.22	503.82	2.17	ppb
Phosphorus	31-2	10077.14	9742.37	9632.75	9817.42	2.36	ppb
Potassium	39-2	25015.17	24393.03	23524.81	24311.00	3.08	ppb
Rhodium	103-1				90		%
Rhodium	103-2				96		%
Scandium	45-1				92		%
Scandium	45-2				97		%
Selenium	77-2	512.40	475.00	494.09	493.83	3.79	ppb
Selenium	78-2	521.54	535.12	491.01	515.89	4.38	ppb
Selenium	82-1	501.37	496.51	496.06	497.98	0.59	ppb
Silicon	28-1	488.88	489.14	488.93	488.98	0.03	ppb
Silver	109-1	509.51	509.19	507.57	508.76	0.20	ppb
Silver	107-1	513.06	514.63	510.69	512.80	0.39	ppb
Sodium	23-2	51036.07	49892.68	48260.78	49729.84	2.80	ppb
Strontium	86-1	487.32	483.70	479.02	483.35	0.86	ppb
Strontium	88-1	501.88	501.24	496.70	499.94	0.57	ppb
Sulfur	34-1	10014.90	9786.71	9696.75	9832.79	1.67	ppb
Terbium	159-1				96		%
Terbium	159-2				96		%
Thallium	203-1	479.09	484.41	481.76	481.75	0.55	ppb
Thallium	205-1	491.60	496.67	499.65	495.97	0.82	ppb
Thorium	232-1	486.49	486.15	486.71	486.45	0.06	ppb
Tin	118-1	506.09	510.25	511.86	509.40	0.58	ppb
Titanium	47-1	2419.73	2415.96	2398.84	2411.51	0.46	ppb
Uranium	238-1	482.31	483.63	483.86	483.27	0.17	ppb
Vanadium	51-2	506.08	501.91	485.68	497.89	2.17	ppb
Yttrium	89-1				96		%
Yttrium	89-2				102		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	PB121376BS	Instrumnet Name :	P7
Client Sample ID :	PB121376BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 16:54:51	DataFile Name :	058LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	987.16	994.29	953.76	978.40	2.21	ppb
Zirconium	90-1	497.66	499.39	495.57	497.54	0.38	ppb
Zirconium	91-1	488.04	490.29	480.75	486.36	1.03	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-10 Instrumnet Name : P7
 Client Sample ID : KY030LC068-SD-190709 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 16:58:27 DataFile Name : 059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	105674.25	104509.38	104037.63	104740.42	0.80	ppb
Antimony	121-1	23.00	23.83	22.87	23.23	2.24	ppb
Arsenic	75-2	320.84	319.83	318.10	319.59	0.43	ppb
Barium	135-1	3078.93	3109.98	3059.34	3082.75	0.83	ppb
Barium	137-1	3079.44	3112.62	3045.14	3079.07	1.10	ppb
Beryllium	9-1	475.36	478.91	476.61	476.96	0.38	ppb
Bismuth	209-1				76		%
Bismuth	209-2				76		%
Boron	10-1	450.37	468.94	469.46	462.92	2.35	ppb
Boron	11-1	458.67	467.59	467.22	464.49	1.09	ppb
Cadmium	111-1	432.64	437.86	431.03	433.84	0.82	ppb
Cadmium	106-1	465.39	463.71	467.81	465.64	0.44	ppb
Cadmium	108-1	444.86	465.48	444.00	451.45	2.69	ppb
Calcium	43-1	1330231.02	1317317.62	1318104.63	1321884.42	0.55	ppb
Calcium	44-1	1329800.28	1325681.12	1316001.44	1323827.61	0.54	ppb
Chromium	52-2	656.40	652.67	647.22	652.10	0.71	ppb
Cobalt	59-2	445.13	447.77	443.08	445.33	0.53	ppb
Copper	63-2	821.35	828.45	825.77	825.19	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				90		%
Holmium	165-2				92		%
Indium	115-1				85		%
Indium	115-2				95		%
Iron	56-2	137293.31	134388.44	133469.25	135050.33	1.48	ppb
Iron	57-2	141765.83	139540.46	138285.33	139863.87	1.26	ppb
Krypton	83-1						cps
Lead	206-1	607.04	595.96	603.46	602.15	0.94	ppb
Lead	207-1	615.45	613.93	614.47	614.62	0.13	ppb
Lead	208-1	605.97	605.55	608.43	606.65	0.26	ppb
Lithium	6-1				88		%
Magnesium	24-2	51031.14	50165.18	49828.11	50341.48	1.23	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-10 Instrumnet Name : P7
 Client Sample ID : KY030LC068-SD-190709 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 16:58:27 DataFile Name : 059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2737.81	2730.37	2640.11	2702.76	2.01	ppb
Molybdenum	94-1	1154.61	1158.21	1135.54	1149.46	1.06	ppb
Molybdenum	95-1	1018.91	1020.56	1019.95	1019.81	0.08	ppb
Molybdenum	96-1	1032.69	1034.44	1035.71	1034.28	0.15	ppb
Molybdenum	97-1	979.21	982.18	963.47	974.95	1.03	ppb
Molybdenum	98-1	1015.26	1005.75	999.13	1006.72	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.49	495.59	493.24	493.77	0.33	ppb
Phosphorus	31-2	13141.69	13139.03	13297.77	13192.83	0.69	ppb
Potassium	39-2	47619.02	47059.71	46961.60	47213.44	0.75	ppb
Rhodium	103-1				80		%
Rhodium	103-2				85		%
Scandium	45-1				98		%
Scandium	45-2				108		%
Selenium	77-2	341.61	395.70	332.82	356.71	9.54	ppb
Selenium	78-2	296.24	278.58	287.70	287.51	3.07	ppb
Selenium	82-1	259.20	257.50	255.09	257.26	0.80	ppb
Silicon	28-1	10180.98	10242.25	10200.21	10207.81	0.31	ppb
Silver	109-1	402.61	409.23	400.72	404.19	1.11	ppb
Silver	107-1	402.31	409.65	401.91	404.63	1.08	ppb
Sodium	23-2	23025.81	22673.61	22422.21	22707.21	1.34	ppb
Strontium	86-1	1203.79	1203.43	1206.44	1204.55	0.14	ppb
Strontium	88-1	1246.19	1253.52	1238.83	1246.18	0.59	ppb
Sulfur	34-1	5271.90	5177.59	5252.50	5234.00	0.95	ppb
Terbium	159-1				92		%
Terbium	159-2				94		%
Thallium	203-1	476.17	474.51	475.79	475.49	0.18	ppb
Thallium	205-1	486.69	483.62	487.27	485.86	0.40	ppb
Thorium	232-1	37.84	38.11	38.26	38.07	0.57	ppb
Tin	118-1	73.12	73.02	72.39	72.84	0.54	ppb
Titanium	47-1	521.95	521.94	513.55	519.15	0.93	ppb
Uranium	238-1	510.00	517.03	508.36	511.79	0.90	ppb
Vanadium	51-2	617.39	615.62	614.33	615.78	0.25	ppb
Yttrium	89-1				145		%
Yttrium	89-2				157		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-10	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-SD-190709	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 16:58:27	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	921.94	921.86	933.81	925.87	0.74	ppb
Zirconium	90-1	298.03	295.31	292.61	295.32	0.92	ppb
Zirconium	91-1	294.44	293.34	291.61	293.13	0.49	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-08A Instrumnet Name : P7
 Client Sample ID : KY030LC068-SD-190709 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 17:02:08 DataFile Name : 060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	107897.65	106478.87	106924.61	107100.38	0.68	ppb
Antimony	121-1	337.74	337.69	336.41	337.28	0.22	ppb
Arsenic	75-2	321.28	324.65	324.20	323.38	0.57	ppb
Barium	135-1	3073.21	3117.42	3107.81	3099.48	0.75	ppb
Barium	137-1	3071.24	3112.84	3104.15	3096.08	0.71	ppb
Beryllium	9-1	485.04	485.21	487.92	486.06	0.33	ppb
Bismuth	209-1				75		%
Bismuth	209-2				75		%
Boron	10-1	483.96	480.07	491.94	485.32	1.25	ppb
Boron	11-1	491.88	490.58	500.23	494.23	1.06	ppb
Cadmium	111-1	443.67	442.14	444.79	443.53	0.30	ppb
Cadmium	106-1	479.04	485.02	488.99	484.35	1.03	ppb
Cadmium	108-1	464.00	454.80	459.19	459.33	1.00	ppb
Calcium	43-1	1386109.23	1379837.25	1391314.26	1385753.58	0.41	ppb
Calcium	44-1	1394975.20	1387094.33	1399903.56	1393991.03	0.46	ppb
Chromium	52-2	664.03	656.57	662.25	660.95	0.59	ppb
Cobalt	59-2	453.96	450.93	454.96	453.29	0.46	ppb
Copper	63-2	833.43	839.33	834.40	835.72	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				91		%
Holmium	165-2				93		%
Indium	115-1				86		%
Indium	115-2				96		%
Iron	56-2	138913.26	135474.03	137288.20	137225.16	1.25	ppb
Iron	57-2	143413.97	141705.66	141529.97	142216.53	0.73	ppb
Krypton	83-1						cps
Lead	206-1	615.81	611.83	608.89	612.18	0.57	ppb
Lead	207-1	624.35	622.90	623.15	623.47	0.12	ppb
Lead	208-1	616.46	615.96	614.54	615.65	0.16	ppb
Lithium	6-1				89		%
Magnesium	24-2	51747.34	51000.33	51437.22	51394.96	0.73	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-08A Instrumnet Name : P7
 Client Sample ID : KY030LC068-SD-190709 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 17:02:08 DataFile Name : 060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2731.59	2658.40	2698.61	2696.20	1.36	ppb
Molybdenum	94-1	1149.79	1148.37	1149.41	1149.19	0.06	ppb
Molybdenum	95-1	1015.84	1014.09	1009.90	1013.28	0.30	ppb
Molybdenum	96-1	1030.68	1020.75	1033.56	1028.33	0.65	ppb
Molybdenum	97-1	978.17	968.44	977.53	974.71	0.56	ppb
Molybdenum	98-1	1001.56	1002.04	1015.51	1006.37	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	502.28	501.31	503.32	502.30	0.20	ppb
Phosphorus	31-2	15273.21	14870.02	15491.47	15211.56	2.07	ppb
Potassium	39-2	49140.09	48071.15	48321.42	48510.89	1.15	ppb
Rhodium	103-1				81		%
Rhodium	103-2				86		%
Scandium	45-1				100		%
Scandium	45-2				109		%
Selenium	77-2	348.56	358.01	377.27	361.28	4.05	ppb
Selenium	78-2	281.95	276.96	277.96	278.96	0.95	ppb
Selenium	82-1	252.98	254.37	257.88	255.08	0.99	ppb
Silicon	28-1	7673.41	7638.15	7726.49	7679.35	0.58	ppb
Silver	109-1	426.11	427.48	431.54	428.38	0.66	ppb
Silver	107-1	429.63	429.64	424.60	427.95	0.68	ppb
Sodium	23-2	23162.42	22905.49	23011.18	23026.36	0.56	ppb
Strontium	86-1	1205.22	1218.82	1212.11	1212.05	0.56	ppb
Strontium	88-1	1251.02	1251.20	1261.87	1254.69	0.50	ppb
Sulfur	34-1	5599.82	5251.74	5805.37	5552.31	5.04	ppb
Terbium	159-1				93		%
Terbium	159-2				95		%
Thallium	203-1	492.60	494.64	485.40	490.88	0.99	ppb
Thallium	205-1	494.79	497.43	492.58	494.93	0.49	ppb
Thorium	232-1	37.52	37.22	37.37	37.37	0.41	ppb
Tin	118-1	93.61	92.79	93.56	93.32	0.49	ppb
Titanium	47-1	553.94	551.24	559.97	555.05	0.81	ppb
Uranium	238-1	513.93	520.80	519.07	517.93	0.69	ppb
Vanadium	51-2	644.21	638.45	638.38	640.35	0.52	ppb
Yttrium	89-1				151		%
Yttrium	89-2				163		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-08A	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-SD-190709	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 17:02:08	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	942.31	909.23	923.82	925.12	1.79	ppb
Zirconium	90-1	295.68	294.55	297.32	295.85	0.47	ppb
Zirconium	91-1	294.36	293.79	293.23	293.79	0.19	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-11 Instrumnet Name : P7
 Client Sample ID : KY030LC051-SD-190709 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 17:05:48 DataFile Name : 061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51001.15	51692.06	53682.63	52125.28	2.67	ppb
Antimony	121-1	2.21	1.94	2.40	2.18	10.50	ppb
Arsenic	75-2	27.72	27.73	28.25	27.90	1.09	ppb
Barium	135-1	992.19	953.23	968.01	971.14	2.03	ppb
Barium	137-1	979.56	957.39	950.54	962.50	1.58	ppb
Beryllium	9-1	4.85	4.85	4.49	4.73	4.34	ppb
Bismuth	209-1				82		%
Bismuth	209-2				79		%
Boron	10-1	52.10	52.41	50.00	51.50	2.54	ppb
Boron	11-1	53.31	50.28	50.05	51.21	3.55	ppb
Cadmium	111-1	709.12	691.90	697.00	699.34	1.27	ppb
Cadmium	106-1	589.22	575.19	560.14	574.85	2.53	ppb
Cadmium	108-1	603.34	586.72	590.83	593.63	1.46	ppb
Calcium	43-1	1259622.62	1254539.22	1253756.76	1255972.87	0.25	ppb
Calcium	44-1	1255158.44	1261884.75	1248486.61	1255176.60	0.53	ppb
Chromium	52-2	3882.66	3961.90	4126.94	3990.50	3.12	ppb
Cobalt	59-2	36.92	38.02	39.49	38.14	3.39	ppb
Copper	63-2	1055.52	1096.58	1135.45	1095.85	3.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				94		%
Indium	115-1				102		%
Indium	115-2				109		%
Iron	56-2	71218.31	72860.78	75673.95	73251.01	3.08	ppb
Iron	57-2	81122.54	83755.33	87127.89	84001.92	3.58	ppb
Krypton	83-1						cps
Lead	206-1	4857.30	4885.19	4901.14	4881.21	0.45	ppb
Lead	207-1	4658.80	4737.13	4686.56	4694.16	0.85	ppb
Lead	208-1	4771.94	4791.77	4778.99	4780.90	0.21	ppb
Lithium	6-1				92		%
Magnesium	24-2	20928.16	21514.95	22298.61	21580.57	3.19	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-11 Instrumnet Name : P7
 Client Sample ID : KY030LC051-SD-190709 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 17:05:48 DataFile Name : 061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1377.22	1431.52	1496.84	1435.19	4.17	ppb
Molybdenum	94-1	75.70	76.02	75.79	75.83	0.22	ppb
Molybdenum	95-1	1.44	1.27	1.37	1.36	6.14	ppb
Molybdenum	96-1	10.65	11.02	10.96	10.87	1.83	ppb
Molybdenum	97-1	1.43	1.61	1.36	1.47	8.72	ppb
Molybdenum	98-1	1.42	1.33	1.36	1.37	3.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	191.74	198.96	205.80	198.84	3.54	ppb
Phosphorus	31-2	13831.11	14531.97	15058.63	14473.90	4.25	ppb
Potassium	39-2	11314.82	11612.04	12185.57	11704.14	3.78	ppb
Rhodium	103-1				87		%
Rhodium	103-2				89		%
Scandium	45-1				101		%
Scandium	45-2				106		%
Selenium	77-2	87.85	75.13	72.45	78.48	10.48	ppb
Selenium	78-2	22.71	22.01	19.20	21.31	8.73	ppb
Selenium	82-1	4.44	5.11	4.74	4.76	7.03	ppb
Silicon	28-1	9143.01	9100.91	9063.65	9102.52	0.44	ppb
Silver	109-1	261.10	258.60	258.76	259.49	0.54	ppb
Silver	107-1	264.30	256.94	262.30	261.18	1.46	ppb
Sodium	23-2	1353.19	1403.41	1441.86	1399.49	3.18	ppb
Strontium	86-1	1155.88	1143.37	1140.11	1146.45	0.73	ppb
Strontium	88-1	1192.60	1197.38	1200.58	1196.86	0.34	ppb
Sulfur	34-1	7401.07	7263.30	7284.80	7316.39	1.01	ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	0.99	0.95	0.95	0.96	2.69	ppb
Thallium	205-1	0.98	0.96	0.97	0.97	0.90	ppb
Thorium	232-1	24.87	24.56	24.85	24.76	0.71	ppb
Tin	118-1	14.36	13.94	14.19	14.16	1.47	ppb
Titanium	47-1	38.64	38.38	39.85	38.96	2.01	ppb
Uranium	238-1	10.63	10.27	10.32	10.41	1.87	ppb
Vanadium	51-2	127.04	132.13	137.25	132.14	3.86	ppb
Yttrium	89-1				137		%
Yttrium	89-2				143		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-11	Instrumnet Name :	P7
Client Sample ID :	KY030LC051-SD-190709	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 17:05:48	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1636.30	1702.82	1759.53	1699.55	3.63	ppb
Zirconium	90-1	49.46	49.02	48.54	49.01	0.94	ppb
Zirconium	91-1	51.81	49.66	51.84	51.10	2.44	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-12 Instrumnet Name : P7
 Client Sample ID : KY030LC001-SD-190709 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 17:09:30 DataFile Name : 062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30176.64	30115.26	30069.22	30120.37	0.18	ppb
Antimony	121-1	1.23	1.21	1.24	1.22	1.27	ppb
Arsenic	75-2	29.27	29.69	29.96	29.64	1.18	ppb
Barium	135-1	462.62	453.70	469.42	461.91	1.71	ppb
Barium	137-1	455.09	454.81	461.76	457.22	0.86	ppb
Beryllium	9-1	2.90	2.86	3.00	2.92	2.53	ppb
Bismuth	209-1				77		%
Bismuth	209-2				76		%
Boron	10-1	56.50	59.67	62.55	59.57	5.08	ppb
Boron	11-1	59.73	59.60	61.87	60.40	2.11	ppb
Cadmium	111-1	10.46	10.58	10.00	10.34	2.95	ppb
Cadmium	106-1	30.30	28.84	27.30	28.81	5.19	ppb
Cadmium	108-1	15.88	16.90	18.57	17.12	7.94	ppb
Calcium	43-1	1737589.62	1740285.79	1754995.72	1744290.38	0.54	ppb
Calcium	44-1	1739003.26	1733361.50	1754552.87	1742305.88	0.63	ppb
Chromium	52-2	281.53	283.83	286.07	283.81	0.80	ppb
Cobalt	59-2	27.60	28.01	27.88	27.83	0.76	ppb
Copper	63-2	153.38	154.01	153.98	153.79	0.23	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				93		%
Indium	115-1				88		%
Indium	115-2				99		%
Iron	56-2	103218.49	103112.79	102335.66	102888.98	0.47	ppb
Iron	57-2	110424.70	109598.55	109812.29	109945.18	0.39	ppb
Krypton	83-1						cps
Lead	206-1	284.63	282.33	288.19	285.05	1.04	ppb
Lead	207-1	268.56	264.74	275.53	269.61	2.03	ppb
Lead	208-1	273.94	269.95	279.66	274.52	1.78	ppb
Lithium	6-1				90		%
Magnesium	24-2	15518.02	15526.08	15559.27	15534.46	0.14	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-12 Instrumnet Name : P7
 Client Sample ID : KY030LC001-SD-190709 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 17:09:30 DataFile Name : 062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1845.49	1869.95	1865.63	1860.36	0.70	ppb
Molybdenum	94-1	52.46	49.80	49.89	50.71	2.99	ppb
Molybdenum	95-1	2.00	1.99	1.95	1.98	1.40	ppb
Molybdenum	96-1	8.49	8.40	8.26	8.39	1.39	ppb
Molybdenum	97-1	2.09	2.00	1.91	2.00	4.52	ppb
Molybdenum	98-1	1.92	1.92	1.95	1.93	0.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	81.41	81.06	81.59	81.35	0.33	ppb
Phosphorus	31-2	16034.28	16486.03	16359.88	16293.40	1.43	ppb
Potassium	39-2	8649.02	8697.83	8677.68	8674.85	0.28	ppb
Rhodium	103-1				84		%
Rhodium	103-2				89		%
Scandium	45-1				99		%
Scandium	45-2				108		%
Selenium	77-2	69.58	60.19	71.15	66.97	8.85	ppb
Selenium	78-2	17.76	19.73	18.34	18.61	5.44	ppb
Selenium	82-1	4.26	4.72	3.67	4.22	12.51	ppb
Silicon	28-1	10921.40	11013.29	11104.55	11013.08	0.83	ppb
Silver	109-1	6.48	6.34	6.08	6.30	3.18	ppb
Silver	107-1	6.38	6.22	6.42	6.34	1.70	ppb
Sodium	23-2	1399.72	1387.05	1423.14	1403.30	1.30	ppb
Strontium	86-1	839.98	823.51	838.33	833.94	1.09	ppb
Strontium	88-1	856.85	858.61	860.17	858.54	0.19	ppb
Sulfur	34-1	5150.92	5339.70	5753.29	5414.64	5.69	ppb
Terbium	159-1				94		%
Terbium	159-2				95		%
Thallium	203-1	0.60	0.67	0.67	0.65	5.94	ppb
Thallium	205-1	0.69	0.72	0.63	0.68	6.66	ppb
Thorium	232-1	15.34	15.64	15.82	15.60	1.56	ppb
Tin	118-1	37.30	37.28	37.90	37.49	0.93	ppb
Titanium	47-1	84.13	85.81	87.48	85.80	1.95	ppb
Uranium	238-1	13.65	13.58	13.64	13.62	0.28	ppb
Vanadium	51-2	140.75	139.82	140.51	140.36	0.34	ppb
Yttrium	89-1				141		%
Yttrium	89-2				152		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-12	Instrumnet Name :	P7
Client Sample ID :	KY030LC001-SD-190709	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 17:09:30	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	351.29	358.23	359.88	356.47	1.28	ppb
Zirconium	90-1	32.54	32.14	32.19	32.29	0.68	ppb
Zirconium	91-1	34.21	33.49	32.63	33.44	2.36	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-13	Instrumnet Name :	P7
Client Sample ID :	DUP-0537-190709	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 17:13:10	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	64007.66	62656.72	63547.57	63403.98	1.08	ppb
Antimony	121-1	0.15	0.17	0.15	0.16	8.32	ppb
Arsenic	75-2	27.28	27.23	27.12	27.21	0.31	ppb
Barium	135-1	618.22	617.78	624.13	620.05	0.57	ppb
Barium	137-1	611.90	608.82	614.63	611.78	0.47	ppb
Beryllium	9-1	5.55	5.71	5.56	5.61	1.67	ppb
Bismuth	209-1				76		%
Bismuth	209-2				76		%
Boron	10-1	47.80	48.87	48.81	48.49	1.24	ppb
Boron	11-1	48.20	46.85	49.04	48.03	2.30	ppb
Cadmium	111-1	5.38	5.50	5.01	5.30	4.84	ppb
Cadmium	106-1	35.63	37.48	34.17	35.76	4.64	ppb
Cadmium	108-1	14.38	13.82	16.31	14.84	8.78	ppb
Calcium	43-1	1292634.53	1280196.70	1283686.92	1285506.05	0.50	ppb
Calcium	44-1	1288863.80	1279075.03	1303814.17	1290584.34	0.97	ppb
Chromium	52-2	164.83	164.25	166.83	165.31	0.82	ppb
Cobalt	59-2	36.97	37.02	37.36	37.12	0.57	ppb
Copper	63-2	55.61	54.22	55.61	55.15	1.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				93		%
Indium	115-1				88		%
Indium	115-2				98		%
Iron	56-2	90727.74	88710.20	89926.36	89788.10	1.13	ppb
Iron	57-2	95426.59	93766.74	94524.39	94572.57	0.88	ppb
Krypton	83-1						cps
Lead	206-1	106.49	104.62	106.24	105.78	0.96	ppb
Lead	207-1	97.64	95.33	96.44	96.47	1.20	ppb
Lead	208-1	101.25	98.43	100.09	99.92	1.42	ppb
Lithium	6-1				89		%
Magnesium	24-2	24202.92	23645.96	23921.02	23923.30	1.16	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-13	Instrumnet Name :	P7
Client Sample ID :	DUP-0537-190709	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 17:13:10	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1976.99	1972.60	1973.92	1974.50	0.11	ppb
Molybdenum	94-1	75.73	74.88	76.33	75.65	0.96	ppb
Molybdenum	95-1	0.71	0.64	0.70	0.68	5.57	ppb
Molybdenum	96-1	10.38	10.60	10.37	10.45	1.26	ppb
Molybdenum	97-1	0.59	0.60	0.71	0.63	10.29	ppb
Molybdenum	98-1	0.53	0.63	0.55	0.57	9.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	84.22	82.07	82.94	83.08	1.30	ppb
Phosphorus	31-2	11605.11	11487.48	11398.50	11497.03	0.90	ppb
Potassium	39-2	19934.82	19551.10	19743.55	19743.16	0.97	ppb
Rhodium	103-1				84		%
Rhodium	103-2				88		%
Scandium	45-1				101		%
Scandium	45-2				106		%
Selenium	77-2	98.59	98.31	100.79	99.23	1.37	ppb
Selenium	78-2	20.23	21.83	21.60	21.22	4.08	ppb
Selenium	82-1	4.89	5.65	5.60	5.38	7.91	ppb
Silicon	28-1	12940.78	12668.46	12886.69	12831.98	1.12	ppb
Silver	109-1	0.86	0.90	0.81	0.86	5.49	ppb
Silver	107-1	0.98	0.98	0.97	0.98	0.22	ppb
Sodium	23-2	1212.79	1196.37	1194.35	1201.17	0.84	ppb
Strontium	86-1	1009.49	997.67	1003.47	1003.54	0.59	ppb
Strontium	88-1	1039.23	1034.84	1043.00	1039.02	0.39	ppb
Sulfur	34-1	5927.03	5286.35	5731.36	5648.25	5.81	ppb
Terbium	159-1				93		%
Terbium	159-2				95		%
Thallium	203-1	1.11	1.21	1.15	1.16	4.46	ppb
Thallium	205-1	0.94	1.05	1.02	1.00	5.56	ppb
Thorium	232-1	35.11	35.50	35.00	35.20	0.75	ppb
Tin	118-1	0.36	0.43	0.40	0.40	8.93	ppb
Titanium	47-1	51.33	50.17	52.10	51.20	1.90	ppb
Uranium	238-1	9.05	8.79	8.86	8.90	1.47	ppb
Vanadium	51-2	145.17	143.65	143.19	144.01	0.72	ppb
Yttrium	89-1				145		%
Yttrium	89-2				156		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-13	Instrumnet Name :	P7
Client Sample ID :	DUP-0537-190709	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 17:13:10	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	236.22	235.96	234.06	235.41	0.50	ppb
Zirconium	90-1	49.84	49.64	49.74	49.74	0.20	ppb
Zirconium	91-1	52.10	50.92	51.55	51.52	1.14	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3757-01 Instrumnet Name : P7
 Client Sample ID : KY0300F002-SD-190710 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 17:16:51 DataFile Name : 064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	63242.33	75296.38	73587.89	70708.87	9.22	ppb
Antimony	121-1	6.01	5.60	5.84	5.82	3.59	ppb
Arsenic	75-2	38.72	45.14	45.12	42.99	8.60	ppb
Barium	135-1	1261.15	1234.78	1216.67	1237.53	1.81	ppb
Barium	137-1	1238.25	1215.05	1202.26	1218.52	1.50	ppb
Beryllium	9-1	5.25	5.18	5.04	5.15	2.09	ppb
Bismuth	209-1				80		%
Bismuth	209-2				70		%
Boron	10-1	54.63	58.08	60.34	57.68	4.98	ppb
Boron	11-1	57.96	57.92	59.91	58.60	1.94	ppb
Cadmium	111-1	399.71	386.38	383.70	389.93	2.20	ppb
Cadmium	106-1	351.35	337.33	330.60	339.76	3.12	ppb
Cadmium	108-1	354.30	339.59	333.32	342.40	3.15	ppb
Calcium	43-1	1157226.35	1149442.41	1149234.49	1151967.75	0.40	ppb
Calcium	44-1	1152076.76	1157206.53	1148959.56	1152747.61	0.36	ppb
Chromium	52-2	2723.22	3236.83	3130.33	3030.13	8.95	ppb
Cobalt	59-2	62.65	74.18	72.07	69.63	8.82	ppb
Copper	63-2	1073.94	1282.57	1248.01	1201.51	9.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				85		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	105719.63	125539.45	122510.89	117923.32	9.05	ppb
Iron	57-2	110551.79	130850.94	127129.48	122844.07	8.80	ppb
Krypton	83-1						cps
Lead	206-1	5938.72	5955.04	5951.34	5948.36	0.14	ppb
Lead	207-1	5746.28	5791.31	5719.81	5752.47	0.63	ppb
Lead	208-1	5852.78	5860.55	5821.10	5844.81	0.36	ppb
Lithium	6-1				88		%
Magnesium	24-2	22003.61	25982.70	25306.20	24430.83	8.71	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3757-01 Instrumnet Name : P7
 Client Sample ID : KY0300F002-SD-190710 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 17:16:51 DataFile Name : 064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2120.72	2530.31	2465.04	2372.02	9.28	ppb
Molybdenum	94-1	101.19	100.50	99.34	100.35	0.93	ppb
Molybdenum	95-1	6.77	7.01	6.80	6.86	1.90	ppb
Molybdenum	96-1	18.80	19.29	19.11	19.07	1.30	ppb
Molybdenum	97-1	6.37	6.53	6.72	6.54	2.75	ppb
Molybdenum	98-1	6.91	6.71	6.90	6.84	1.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	360.07	425.09	416.23	400.46	8.80	ppb
Phosphorus	31-2	16670.25	20064.75	20149.62	18961.54	10.47	ppb
Potassium	39-2	15316.74	18474.63	17997.05	17262.81	9.86	ppb
Rhodium	103-1				84		%
Rhodium	103-2				79		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	77-2	98.95	81.71	93.38	91.34	9.63	ppb
Selenium	78-2	24.28	24.22	28.36	25.62	9.27	ppb
Selenium	82-1	6.23	6.13	5.94	6.10	2.49	ppb
Silicon	28-1	12037.47	11958.51	11897.14	11964.37	0.59	ppb
Silver	109-1	216.49	210.64	207.47	211.53	2.16	ppb
Silver	107-1	217.38	210.58	210.24	212.73	1.89	ppb
Sodium	23-2	1806.54	2157.05	2097.42	2020.34	9.28	ppb
Strontium	86-1	993.46	985.21	977.87	985.51	0.79	ppb
Strontium	88-1	1025.75	1018.55	1017.51	1020.60	0.44	ppb
Sulfur	34-1	45905.58	45414.58	44679.75	45333.30	1.36	ppb
Terbium	159-1				96		%
Terbium	159-2				85		%
Thallium	203-1	1.20	1.31	1.22	1.24	4.78	ppb
Thallium	205-1	1.15	1.15	1.13	1.14	1.16	ppb
Thorium	232-1	29.79	29.88	29.75	29.80	0.22	ppb
Tin	118-1	23.49	23.30	22.72	23.17	1.74	ppb
Titanium	47-1	135.96	131.01	133.64	133.54	1.85	ppb
Uranium	238-1	17.91	17.43	17.74	17.70	1.36	ppb
Vanadium	51-2	164.73	196.03	191.50	184.09	9.19	ppb
Yttrium	89-1				150		%
Yttrium	89-2				147		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3757-01	Instrumnet Name :	P7
Client Sample ID :	KY030OF002-SD-190710	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 17:16:51	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2028.63	2406.52	2354.40	2263.18	9.05	ppb
Zirconium	90-1	62.66	62.40	61.56	62.21	0.92	ppb
Zirconium	91-1	64.70	64.46	66.05	65.07	1.31	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3757-02 Instrumnet Name : P7
 Client Sample ID : KY030LC006-SD-190710 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 17:20:33 DataFile Name : 065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	64806.67	64387.85	64425.83	64540.12	0.36	ppb
Antimony	121-1	0.12	0.12	0.18	0.14	24.69	ppb
Arsenic	75-2	21.12	21.37	21.94	21.48	1.97	ppb
Barium	135-1	840.42	833.26	836.31	836.66	0.43	ppb
Barium	137-1	822.26	818.50	825.45	822.07	0.42	ppb
Beryllium	9-1	5.68	5.74	5.95	5.79	2.44	ppb
Bismuth	209-1				78		%
Bismuth	209-2				76		%
Boron	10-1	34.08	34.29	33.41	33.92	1.35	ppb
Boron	11-1	36.19	35.93	35.17	35.76	1.48	ppb
Cadmium	111-1	4.25	3.56	4.19	4.00	9.51	ppb
Cadmium	106-1	37.16	30.05	36.52	34.58	11.37	ppb
Cadmium	108-1	12.22	13.30	13.07	12.86	4.44	ppb
Calcium	43-1	1473824.59	1471054.70	1463252.69	1469377.33	0.37	ppb
Calcium	44-1	1480538.63	1478153.21	1460604.69	1473098.84	0.74	ppb
Chromium	52-2	119.92	120.05	120.81	120.26	0.40	ppb
Cobalt	59-2	43.23	43.24	43.85	43.44	0.82	ppb
Copper	63-2	53.59	54.45	54.41	54.15	0.89	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				94		%
Indium	115-1				90		%
Indium	115-2				99		%
Iron	56-2	89356.09	89674.22	89250.93	89427.08	0.25	ppb
Iron	57-2	96135.20	96523.66	94891.39	95850.08	0.89	ppb
Krypton	83-1						cps
Lead	206-1	99.76	100.66	100.09	100.17	0.45	ppb
Lead	207-1	91.55	90.65	92.49	91.56	1.00	ppb
Lead	208-1	94.60	95.54	95.11	95.08	0.50	ppb
Lithium	6-1				91		%
Magnesium	24-2	25268.18	25002.26	24980.61	25083.68	0.64	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3757-02 Instrumnet Name : P7
 Client Sample ID : KY030LC006-SD-190710 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 17:20:33 DataFile Name : 065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2165.34	2188.24	2191.41	2181.66	0.65	ppb
Molybdenum	94-1	73.82	74.38	73.13	73.78	0.85	ppb
Molybdenum	95-1	0.86	0.70	0.76	0.77	10.33	ppb
Molybdenum	96-1	10.30	10.28	10.35	10.31	0.36	ppb
Molybdenum	97-1	0.89	0.74	0.74	0.79	11.01	ppb
Molybdenum	98-1	0.80	0.80	0.72	0.77	5.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	96.53	97.95	96.78	97.09	0.78	ppb
Phosphorus	31-2	11140.43	10781.26	11178.08	11033.26	1.99	ppb
Potassium	39-2	18671.25	18722.08	18572.98	18655.43	0.41	ppb
Rhodium	103-1				85		%
Rhodium	103-2				88		%
Scandium	45-1				105		%
Scandium	45-2				110		%
Selenium	77-2	88.57	86.69	101.45	92.23	8.71	ppb
Selenium	78-2	21.34	23.67	25.07	23.36	8.05	ppb
Selenium	82-1	4.64	4.50	5.23	4.79	8.13	ppb
Silicon	28-1	12765.00	12960.26	12722.75	12816.00	0.99	ppb
Silver	109-1	0.47	0.53	0.42	0.47	11.19	ppb
Silver	107-1	0.54	0.63	0.54	0.57	9.27	ppb
Sodium	23-2	1399.09	1401.19	1391.62	1397.30	0.36	ppb
Strontium	86-1	990.70	989.89	981.88	987.49	0.49	ppb
Strontium	88-1	1014.82	1026.67	1028.43	1023.31	0.72	ppb
Sulfur	34-1	6899.12	6937.13	6632.68	6822.98	2.43	ppb
Terbium	159-1				96		%
Terbium	159-2				96		%
Thallium	203-1	1.00	1.16	1.18	1.11	8.96	ppb
Thallium	205-1	1.13	1.07	1.10	1.10	2.77	ppb
Thorium	232-1	41.61	41.42	40.67	41.23	1.20	ppb
Tin	118-1	0.29	0.28	0.28	0.28	2.98	ppb
Titanium	47-1	36.92	36.40	35.93	36.42	1.36	ppb
Uranium	238-1	10.03	10.21	9.93	10.06	1.45	ppb
Vanadium	51-2	138.69	139.84	137.65	138.73	0.79	ppb
Yttrium	89-1				155		%
Yttrium	89-2				164		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3757-02	Instrumnet Name :	P7
Client Sample ID :	KY030LC006-SD-190710	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 17:20:33	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	204.93	206.29	205.60	205.61	0.33	ppb
Zirconium	90-1	48.20	48.52	47.51	48.08	1.08	ppb
Zirconium	91-1	50.52	50.03	49.29	49.95	1.24	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3757-03	Instrumnet Name :	P7
Client Sample ID :	DUP-0538-190710	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 17:24:13	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	63929.31	63736.27	63197.65	63621.08	0.60	ppb
Antimony	121-1	0.14	0.14	0.22	0.17	27.53	ppb
Arsenic	75-2	27.53	25.33	26.39	26.42	4.17	ppb
Barium	135-1	819.24	814.45	818.10	817.26	0.31	ppb
Barium	137-1	807.59	794.83	803.62	802.01	0.81	ppb
Beryllium	9-1	5.50	5.68	5.61	5.60	1.62	ppb
Bismuth	209-1				74		%
Bismuth	209-2				74		%
Boron	10-1	44.59	43.63	43.25	43.82	1.57	ppb
Boron	11-1	43.98	44.31	46.30	44.86	2.80	ppb
Cadmium	111-1	4.32	3.89	3.72	3.98	7.85	ppb
Cadmium	106-1	37.16	35.95	34.40	35.84	3.86	ppb
Cadmium	108-1	14.43	17.45	15.32	15.74	9.86	ppb
Calcium	43-1	1513998.55	1516511.80	1516262.96	1515591.10	0.09	ppb
Calcium	44-1	1520477.14	1516531.73	1523013.25	1520007.37	0.21	ppb
Chromium	52-2	126.09	126.93	125.94	126.32	0.42	ppb
Cobalt	59-2	39.73	40.04	39.34	39.71	0.87	ppb
Copper	63-2	50.32	51.79	51.45	51.19	1.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				91		%
Indium	115-1				87		%
Indium	115-2				96		%
Iron	56-2	99235.17	98574.25	97136.48	98315.30	1.09	ppb
Iron	57-2	104330.48	105107.35	103374.05	104270.63	0.83	ppb
Krypton	83-1						cps
Lead	206-1	95.03	93.74	93.08	93.95	1.06	ppb
Lead	207-1	87.83	85.86	85.38	86.36	1.51	ppb
Lead	208-1	89.95	88.93	88.79	89.23	0.71	ppb
Lithium	6-1				89		%
Magnesium	24-2	24921.42	24823.42	24758.96	24834.60	0.33	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3757-03	Instrumnet Name :	P7
Client Sample ID :	DUP-0538-190710	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 17:24:13	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2643.86	2704.05	2682.07	2676.66	1.14	ppb
Molybdenum	94-1	76.20	76.70	75.41	76.10	0.86	ppb
Molybdenum	95-1	0.92	0.87	0.83	0.87	4.72	ppb
Molybdenum	96-1	10.13	10.33	10.48	10.32	1.71	ppb
Molybdenum	97-1	0.91	0.76	0.72	0.80	12.14	ppb
Molybdenum	98-1	0.73	0.72	0.80	0.75	5.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	90.65	93.71	91.40	91.92	1.74	ppb
Phosphorus	31-2	12085.42	11801.71	11939.86	11942.33	1.19	ppb
Potassium	39-2	19063.73	18927.53	18695.99	18895.75	0.98	ppb
Rhodium	103-1				82		%
Rhodium	103-2				86		%
Scandium	45-1				102		%
Scandium	45-2				108		%
Selenium	77-2	94.48	86.09	85.22	88.60	5.77	ppb
Selenium	78-2	22.67	24.29	24.78	23.91	4.62	ppb
Selenium	82-1	5.02	4.54	5.24	4.93	7.22	ppb
Silicon	28-1	13318.33	13420.04	13306.55	13348.31	0.47	ppb
Silver	109-1	0.38	0.39	0.35	0.37	5.64	ppb
Silver	107-1	0.52	0.55	0.48	0.52	6.24	ppb
Sodium	23-2	1396.77	1413.34	1407.59	1405.90	0.60	ppb
Strontium	86-1	1000.50	983.68	991.05	991.74	0.85	ppb
Strontium	88-1	1029.73	1027.65	1028.96	1028.78	0.10	ppb
Sulfur	34-1	5749.95	5803.88	5680.66	5744.83	1.08	ppb
Terbium	159-1				93		%
Terbium	159-2				93		%
Thallium	203-1	1.11	1.03	1.09	1.07	3.90	ppb
Thallium	205-1	1.02	1.06	1.01	1.03	2.85	ppb
Thorium	232-1	39.70	39.11	39.31	39.37	0.76	ppb
Tin	118-1	0.33	0.30	0.32	0.32	6.06	ppb
Titanium	47-1	49.36	46.26	45.32	46.98	4.50	ppb
Uranium	238-1	10.65	10.53	10.45	10.55	0.94	ppb
Vanadium	51-2	161.94	163.58	163.29	162.94	0.54	ppb
Yttrium	89-1				152		%
Yttrium	89-2				162		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3757-03	Instrumnet Name :	P7
Client Sample ID :	DUP-0538-190710	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 17:24:13	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	205.85	210.35	210.92	209.04	1.33	ppb
Zirconium	90-1	49.52	48.74	49.01	49.09	0.81	ppb
Zirconium	91-1	50.96	51.45	51.79	51.40	0.81	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P7
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 17:32:03	DataFile Name :	067CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51644.00	51863.81	50706.45	51404.75	1.20	ppb
Antimony	121-1	520.54	512.10	511.64	514.76	0.97	ppb
Arsenic	75-2	518.14	504.41	510.63	511.06	1.34	ppb
Barium	135-1	2553.77	2531.15	2485.23	2523.39	1.38	ppb
Barium	137-1	2586.51	2557.47	2559.72	2567.90	0.63	ppb
Beryllium	9-1	522.56	526.98	524.97	524.84	0.42	ppb
Bismuth	209-1				74		%
Bismuth	209-2				75		%
Boron	10-1	483.87	499.52	493.35	492.25	1.60	ppb
Boron	11-1	475.13	491.30	487.26	484.57	1.74	ppb
Cadmium	111-1	530.87	534.23	516.94	527.35	1.74	ppb
Cadmium	106-1	544.78	545.96	526.98	539.24	1.97	ppb
Cadmium	108-1	537.19	541.96	540.37	539.84	0.45	ppb
Calcium	43-1	232707.69	232945.31	234052.13	233235.04	0.31	ppb
Calcium	44-1	234615.06	233958.96	233479.71	234017.91	0.24	ppb
Chromium	52-2	495.63	503.01	495.27	497.97	0.88	ppb
Cobalt	59-2	486.54	492.50	487.47	488.84	0.66	ppb
Copper	63-2	989.37	1009.79	988.75	995.97	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				87		%
Holmium	165-2				90		%
Indium	115-1				84		%
Indium	115-2				92		%
Iron	56-2	127343.08	127435.99	125592.92	126790.67	0.82	ppb
Iron	57-2	127329.37	127300.08	124988.94	126539.46	1.06	ppb
Krypton	83-1						cps
Lead	206-1	508.33	509.26	505.24	507.61	0.41	ppb
Lead	207-1	509.24	516.10	507.11	510.82	0.92	ppb
Lead	208-1	512.17	517.61	509.99	513.26	0.76	ppb
Lithium	6-1				81		%
Magnesium	24-2	240168.51	241212.33	238629.40	240003.41	0.54	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P7
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 17:32:03	DataFile Name :	067CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1006.53	1009.97	1000.39	1005.63	0.48	ppb
Molybdenum	94-1	2486.05	2482.74	2488.46	2485.75	0.12	ppb
Molybdenum	95-1	2484.89	2501.41	2485.29	2490.53	0.38	ppb
Molybdenum	96-1	2485.73	2511.16	2493.94	2496.94	0.52	ppb
Molybdenum	97-1	2485.58	2487.13	2491.01	2487.91	0.11	ppb
Molybdenum	98-1	2473.24	2485.61	2481.16	2480.00	0.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	488.24	496.24	490.05	491.51	0.85	ppb
Phosphorus	31-2	9714.49	9981.45	9728.41	9808.12	1.53	ppb
Potassium	39-2	122828.67	123064.27	120871.84	122254.93	0.98	ppb
Rhodium	103-1				81		%
Rhodium	103-2				86		%
Scandium	45-1				87		%
Scandium	45-2				92		%
Selenium	77-2	469.52	474.64	491.18	478.45	2.37	ppb
Selenium	78-2	493.74	502.73	494.98	497.15	0.98	ppb
Selenium	82-1	472.73	473.00	476.53	474.09	0.45	ppb
Silicon	28-1	467.35	471.25	470.16	469.59	0.43	ppb
Silver	109-1	529.29	521.51	515.42	522.07	1.33	ppb
Silver	107-1	532.08	527.54	518.06	525.89	1.36	ppb
Sodium	23-2	239465.62	239195.65	237554.58	238738.62	0.43	ppb
Strontium	86-1	561.77	557.56	555.18	558.17	0.60	ppb
Strontium	88-1	579.16	578.50	580.38	579.35	0.17	ppb
Sulfur	34-1	10107.41	10547.36	10197.71	10284.16	2.26	ppb
Terbium	159-1				90		%
Terbium	159-2				91		%
Thallium	203-1	501.82	507.07	501.16	503.35	0.64	ppb
Thallium	205-1	519.42	526.58	521.86	522.62	0.70	ppb
Thorium	232-1	520.19	525.44	525.38	523.67	0.58	ppb
Tin	118-1	509.68	498.73	497.81	502.08	1.32	ppb
Titanium	47-1	2408.33	2405.67	2422.71	2412.24	0.38	ppb
Uranium	238-1	518.75	522.50	519.87	520.38	0.37	ppb
Vanadium	51-2	498.82	507.68	500.82	502.44	0.92	ppb
Yttrium	89-1				90		%
Yttrium	89-2				96		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P7
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 17:32:03	DataFile Name :	067CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	984.62	985.27	980.04	983.31	0.29	ppb
Zirconium	90-1	497.84	498.45	503.24	499.84	0.59	ppb
Zirconium	91-1	488.77	488.92	486.42	488.04	0.29	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P7
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 17:38:22	DataFile Name :	068CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.21	1.19	2.23	1.54	38.41	ppb
Antimony	121-1	0.20	0.17	0.24	0.20	18.24	ppb
Arsenic	75-2	0.04	0.09	0.02	0.05	64.59	ppb
Barium	135-1	0.00	-0.02	0.02	0.00	1230.07	ppb
Barium	137-1	0.03	0.02	0.02	0.02	26.37	ppb
Beryllium	9-1	0.06	0.08	0.03	0.06	47.77	ppb
Bismuth	209-1				86		%
Bismuth	209-2				83		%
Boron	10-1	12.48	10.99	11.85	11.77	6.36	ppb
Boron	11-1	13.12	12.09	11.80	12.34	5.62	ppb
Cadmium	111-1	0.03	-0.16	-0.36	-0.16		ppb
Cadmium	106-1	-0.28	-2.25	-4.68	-2.40		ppb
Cadmium	108-1	0.08	-0.13	-0.02	-0.02		ppb
Calcium	43-1	1.39	-0.14	0.59	0.62	124.30	ppb
Calcium	44-1	4.76	2.37	0.78	2.64	76.09	ppb
Chromium	52-2	0.03	0.02	-0.01	0.01	127.13	ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	0.07	0.05	0.05	0.06	19.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				90		%
Indium	115-1				91		%
Indium	115-2				98		%
Iron	56-2	2.03	1.78	1.76	1.86	7.85	ppb
Iron	57-2	7.59	2.85	3.22	4.55	57.99	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.06	0.03	0.06	37.87	ppb
Lead	207-1	0.08	0.04	0.04	0.05	44.89	ppb
Lead	208-1	0.05	0.04	0.03	0.04	30.34	ppb
Lithium	6-1				84		%
Magnesium	24-2	1.99	1.61	3.13	2.24	35.16	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P7
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 17:38:22	DataFile Name :	068CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.05	0.00	0.03	0.03	77.61	ppb
Molybdenum	94-1	0.12	0.14	0.14	0.13	6.75	ppb
Molybdenum	95-1	0.14	0.12	0.11	0.13	10.47	ppb
Molybdenum	96-1	0.18	0.09	0.12	0.13	33.97	ppb
Molybdenum	97-1	0.17	0.15	0.09	0.13	31.76	ppb
Molybdenum	98-1	0.15	0.12	0.09	0.12	28.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.00	-0.02	-0.01		ppb
Phosphorus	31-2	-46.56	-50.33	-50.20	-49.03		ppb
Potassium	39-2	16.07	10.21	0.28	8.86	90.12	ppb
Rhodium	103-1				91		%
Rhodium	103-2				95		%
Scandium	45-1				88		%
Scandium	45-2				92		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.15	2.38	0.47	0.90	146.38	ppb
Selenium	82-1	0.31	0.05	-0.30	0.02	1769.67	ppb
Silicon	28-1	2.74	2.45	2.30	2.50	8.97	ppb
Silver	109-1	0.00	0.00	0.02	0.01	125.99	ppb
Silver	107-1	-0.01	-0.02	0.02	0.00		ppb
Sodium	23-2	-0.43	-2.66	-2.12	-1.74		ppb
Strontium	86-1	-0.09	0.06	0.06	0.01	653.66	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-679.51	-929.07	-909.22	-839.27		ppb
Terbium	159-1				92		%
Terbium	159-2				91		%
Thallium	203-1	0.06	0.02	0.03	0.03	63.25	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	34.87	ppb
Thorium	232-1	0.03	0.04	0.03	0.03	8.29	ppb
Tin	118-1	-0.04	0.02	0.00	-0.01		ppb
Titanium	47-1	0.11	0.16	0.04	0.10	58.54	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	1.31	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	184.69	ppb
Yttrium	89-1				93		%
Yttrium	89-2				97		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P7
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 17:38:22	DataFile Name :	068CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.04	0.25	0.14	0.14	74.01	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	47.41	ppb
Zirconium	91-1	-0.02	-0.01	-0.01	-0.01		ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3783-01 Instrumnet Name : P7
 Client Sample ID : KY030LC011-SD-190711 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 17:42:00 DataFile Name : 069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	72243.61	71342.75	70788.28	71458.21	1.03	ppb
Antimony	121-1	0.20	0.17	0.19	0.18	8.63	ppb
Arsenic	75-2	37.57	36.60	38.28	37.48	2.25	ppb
Barium	135-1	974.60	977.52	963.07	971.73	0.79	ppb
Barium	137-1	963.13	968.35	948.41	959.96	1.08	ppb
Beryllium	9-1	6.65	6.81	6.88	6.78	1.81	ppb
Bismuth	209-1				73		%
Bismuth	209-2				72		%
Boron	10-1	71.03	70.49	70.92	70.81	0.41	ppb
Boron	11-1	71.05	72.75	73.00	72.27	1.47	ppb
Cadmium	111-1	4.56	4.50	4.15	4.40	5.01	ppb
Cadmium	106-1	46.51	45.70	41.17	44.46	6.47	ppb
Cadmium	108-1	16.08	16.20	14.79	15.69	4.98	ppb
Calcium	43-1	1519021.28	1538229.77	1534643.44	1530631.49	0.67	ppb
Calcium	44-1	1525787.19	1540634.56	1543237.83	1536553.19	0.61	ppb
Chromium	52-2	196.08	196.85	193.25	195.39	0.97	ppb
Cobalt	59-2	31.73	31.95	32.00	31.89	0.46	ppb
Copper	63-2	46.72	45.14	45.78	45.88	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				90		%
Holmium	165-2				90		%
Indium	115-1				84		%
Indium	115-2				92		%
Iron	56-2	141205.90	139092.11	137691.97	139330.00	1.27	ppb
Iron	57-2	146325.44	144564.94	143920.32	144936.90	0.86	ppb
Krypton	83-1						cps
Lead	206-1	112.02	110.94	110.73	111.23	0.62	ppb
Lead	207-1	103.05	101.67	103.05	102.59	0.78	ppb
Lead	208-1	105.92	105.19	105.70	105.60	0.35	ppb
Lithium	6-1				85		%
Magnesium	24-2	30558.48	29983.23	29774.99	30105.57	1.35	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3783-01	Instrumnet Name :	P7
Client Sample ID :	KY030LC011-SD-190711	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 17:42:00	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2127.11	2141.60	2104.41	2124.37	0.88	ppb
Molybdenum	94-1	61.18	60.84	60.53	60.85	0.54	ppb
Molybdenum	95-1	1.60	1.59	1.61	1.60	0.69	ppb
Molybdenum	96-1	9.18	9.63	9.63	9.48	2.74	ppb
Molybdenum	97-1	1.57	1.61	1.75	1.64	5.67	ppb
Molybdenum	98-1	1.58	1.53	1.54	1.55	1.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	84.13	82.61	84.56	83.77	1.23	ppb
Phosphorus	31-2	29249.03	29120.62	28700.17	29023.27	0.99	ppb
Potassium	39-2	23671.75	23516.19	23343.09	23510.34	0.70	ppb
Rhodium	103-1				78		%
Rhodium	103-2				82		%
Scandium	45-1				96		%
Scandium	45-2				102		%
Selenium	77-2	137.48	123.65	138.29	133.14	6.18	ppb
Selenium	78-2	33.02	30.47	31.79	31.76	4.01	ppb
Selenium	82-1	5.23	5.32	4.66	5.07	7.14	ppb
Silicon	28-1	11811.94	11855.51	11828.14	11831.86	0.19	ppb
Silver	109-1	0.28	0.25	0.21	0.25	13.62	ppb
Silver	107-1	0.36	0.35	0.43	0.38	10.51	ppb
Sodium	23-2	2046.31	2013.77	1990.83	2016.97	1.38	ppb
Strontium	86-1	809.22	798.50	804.39	804.04	0.67	ppb
Strontium	88-1	843.75	838.59	839.70	840.68	0.32	ppb
Sulfur	34-1	5355.73	5422.88	5397.79	5392.13	0.63	ppb
Terbium	159-1				93		%
Terbium	159-2				93		%
Thallium	203-1	1.11	1.08	0.93	1.04	9.53	ppb
Thallium	205-1	1.11	1.07	1.04	1.07	2.98	ppb
Thorium	232-1	47.04	47.25	47.13	47.14	0.22	ppb
Tin	118-1	0.55	0.57	0.65	0.59	8.18	ppb
Titanium	47-1	65.42	67.13	64.97	65.84	1.73	ppb
Uranium	238-1	19.03	18.59	18.78	18.80	1.16	ppb
Vanadium	51-2	191.78	193.24	188.90	191.31	1.16	ppb
Yttrium	89-1				199		%
Yttrium	89-2				208		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3783-01	Instrumnet Name :	P7
Client Sample ID :	KY030LC011-SD-190711	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 17:42:00	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	222.74	221.73	223.21	222.56	0.34	ppb
Zirconium	90-1	39.31	39.22	39.25	39.26	0.12	ppb
Zirconium	91-1	40.25	40.71	40.85	40.60	0.76	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3783-02 Instrumnet Name : P7
 Client Sample ID : KY030LC015-SD-190711 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 17:45:40 DataFile Name : 070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	57014.45	55649.04	55771.19	56144.89	1.35	ppb
Antimony	121-1	0.22	0.23	0.23	0.23	1.52	ppb
Arsenic	75-2	32.86	31.67	32.64	32.39	1.95	ppb
Barium	135-1	747.52	733.95	734.07	738.52	1.06	ppb
Barium	137-1	728.44	720.63	719.57	722.88	0.67	ppb
Beryllium	9-1	5.23	5.56	5.44	5.41	3.14	ppb
Bismuth	209-1				74		%
Bismuth	209-2				75		%
Boron	10-1	36.52	39.47	38.82	38.27	4.05	ppb
Boron	11-1	38.12	38.78	35.92	37.61	3.99	ppb
Cadmium	111-1	14.95	13.95	14.33	14.41	3.49	ppb
Cadmium	106-1	41.29	36.47	42.90	40.22	8.32	ppb
Cadmium	108-1	22.05	23.45	24.07	23.19	4.47	ppb
Calcium	43-1	1385593.51	1382127.92	1390961.01	1386227.48	0.32	ppb
Calcium	44-1	1385215.72	1380628.77	1389161.03	1385001.84	0.31	ppb
Chromium	52-2	160.33	158.32	158.19	158.94	0.76	ppb
Cobalt	59-2	42.85	42.79	42.07	42.57	1.02	ppb
Copper	63-2	85.49	85.03	84.81	85.11	0.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				92		%
Indium	115-1				85		%
Indium	115-2				95		%
Iron	56-2	84068.05	82241.00	81598.35	82635.80	1.55	ppb
Iron	57-2	89721.34	93097.22	93402.79	92073.78	2.22	ppb
Krypton	83-1						cps
Lead	206-1	736.22	732.02	732.69	733.64	0.31	ppb
Lead	207-1	695.53	685.84	691.42	690.93	0.70	ppb
Lead	208-1	710.04	706.38	709.77	708.73	0.29	ppb
Lithium	6-1				84		%
Magnesium	24-2	22253.84	21734.79	21707.87	21898.84	1.41	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3783-02	Instrumnet Name :	P7
Client Sample ID :	KY030LC015-SD-190711	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 17:45:40	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1636.25	1618.13	1612.38	1622.26	0.77	ppb
Molybdenum	94-1	70.75	71.05	71.09	70.96	0.26	ppb
Molybdenum	95-1	1.08	0.93	0.94	0.98	8.27	ppb
Molybdenum	96-1	10.29	9.99	10.18	10.15	1.47	ppb
Molybdenum	97-1	1.13	0.94	1.04	1.04	9.06	ppb
Molybdenum	98-1	1.03	0.94	0.92	0.97	5.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	97.44	97.42	98.80	97.89	0.81	ppb
Phosphorus	31-2	12580.37	12216.12	12498.18	12431.56	1.54	ppb
Potassium	39-2	16368.22	16213.74	16267.87	16283.28	0.48	ppb
Rhodium	103-1				80		%
Rhodium	103-2				85		%
Scandium	45-1				94		%
Scandium	45-2				102		%
Selenium	77-2	93.43	118.57	82.47	98.16	18.85	ppb
Selenium	78-2	21.75	22.38	22.24	22.13	1.49	ppb
Selenium	82-1	4.71	5.24	5.51	5.16	7.92	ppb
Silicon	28-1	9142.40	9147.78	9180.65	9156.94	0.23	ppb
Silver	109-1	3.94	4.01	3.76	3.90	3.41	ppb
Silver	107-1	4.02	4.05	4.13	4.06	1.41	ppb
Sodium	23-2	1341.25	1339.35	1344.78	1341.79	0.21	ppb
Strontium	86-1	886.44	880.98	879.17	882.20	0.43	ppb
Strontium	88-1	918.62	914.45	920.68	917.92	0.35	ppb
Sulfur	34-1	13248.75	13274.36	13336.75	13286.62	0.34	ppb
Terbium	159-1				92		%
Terbium	159-2				93		%
Thallium	203-1	1.20	1.02	1.14	1.12	8.22	ppb
Thallium	205-1	1.10	1.08	1.14	1.10	2.65	ppb
Thorium	232-1	36.44	36.24	36.59	36.42	0.48	ppb
Tin	118-1	0.72	0.85	0.66	0.74	12.56	ppb
Titanium	47-1	37.16	39.30	37.42	37.96	3.07	ppb
Uranium	238-1	12.46	12.41	12.27	12.38	0.82	ppb
Vanadium	51-2	147.56	148.00	146.93	147.50	0.36	ppb
Yttrium	89-1				146		%
Yttrium	89-2				157		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3783-02	Instrumnet Name :	P7
Client Sample ID :	KY030LC015-SD-190711	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 17:45:40	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	438.32	431.70	431.97	434.00	0.86	ppb
Zirconium	90-1	46.25	46.35	45.98	46.19	0.41	ppb
Zirconium	91-1	48.58	47.27	48.50	48.12	1.52	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3783-03 Instrumnet Name : P7
 Client Sample ID : KY030LC018-SD-190711 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 17:49:21 DataFile Name : 071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31290.17	31557.40	31402.70	31416.75	0.43	ppb
Antimony	121-1	0.12	0.18	0.18	0.16	20.92	ppb
Arsenic	75-2	22.53	22.66	22.96	22.72	0.97	ppb
Barium	135-1	365.43	363.87	366.17	365.16	0.32	ppb
Barium	137-1	363.93	355.59	362.78	360.77	1.25	ppb
Beryllium	9-1	3.33	3.20	3.05	3.19	4.35	ppb
Bismuth	209-1				76		%
Bismuth	209-2				77		%
Boron	10-1	52.36	51.68	52.10	52.04	0.66	ppb
Boron	11-1	51.09	51.15	53.20	51.82	2.32	ppb
Cadmium	111-1	3.20	2.77	3.27	3.08	8.83	ppb
Cadmium	106-1	27.20	23.06	26.28	25.51	8.53	ppb
Cadmium	108-1	9.82	10.81	10.04	10.22	5.07	ppb
Calcium	43-1	1125240.37	1133050.24	1148210.11	1135500.24	1.03	ppb
Calcium	44-1	1130146.59	1139268.28	1145854.39	1138423.09	0.69	ppb
Chromium	52-2	103.30	103.35	102.96	103.20	0.20	ppb
Cobalt	59-2	27.42	27.70	27.60	27.58	0.51	ppb
Copper	63-2	40.94	41.83	40.59	41.12	1.55	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				91		%
Holmium	165-2				94		%
Indium	115-1				87		%
Indium	115-2				97		%
Iron	56-2	54745.28	54613.68	54251.07	54536.68	0.47	ppb
Iron	57-2	60514.81	62112.80	60841.66	61156.43	1.38	ppb
Krypton	83-1						cps
Lead	206-1	108.56	105.89	108.35	107.60	1.38	ppb
Lead	207-1	98.01	98.02	99.28	98.44	0.74	ppb
Lead	208-1	101.69	101.37	102.03	101.70	0.32	ppb
Lithium	6-1				83		%
Magnesium	24-2	13538.60	13773.34	13682.31	13664.75	0.87	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3783-03	Instrumnet Name :	P7
Client Sample ID :	KY030LC018-SD-190711	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 17:49:21	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	929.20	928.85	919.79	925.95	0.58	ppb
Molybdenum	94-1	50.14	49.75	50.31	50.07	0.57	ppb
Molybdenum	95-1	1.06	1.22	1.30	1.20	10.28	ppb
Molybdenum	96-1	7.13	7.39	7.11	7.21	2.18	ppb
Molybdenum	97-1	1.25	1.07	1.24	1.19	8.57	ppb
Molybdenum	98-1	1.09	1.13	1.21	1.15	5.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	48.91	50.09	49.63	49.54	1.20	ppb
Phosphorus	31-2	17599.76	18321.20	17945.70	17955.56	2.01	ppb
Potassium	39-2	11188.90	11348.15	11302.01	11279.69	0.73	ppb
Rhodium	103-1				82		%
Rhodium	103-2				88		%
Scandium	45-1				92		%
Scandium	45-2				100		%
Selenium	77-2	85.34	90.29	98.16	91.26	7.08	ppb
Selenium	78-2	24.54	25.03	22.84	24.14	4.75	ppb
Selenium	82-1	4.31	4.79	3.93	4.34	9.97	ppb
Silicon	28-1	2774.79	2800.46	2827.03	2800.76	0.93	ppb
Silver	109-1	0.56	0.54	0.60	0.57	5.15	ppb
Silver	107-1	0.66	0.62	0.70	0.66	5.89	ppb
Sodium	23-2	1391.68	1418.27	1406.37	1405.44	0.95	ppb
Strontium	86-1	747.24	748.29	740.76	745.43	0.55	ppb
Strontium	88-1	774.36	778.07	782.32	778.25	0.51	ppb
Sulfur	34-1	25174.43	24650.69	24633.45	24819.52	1.24	ppb
Terbium	159-1				93		%
Terbium	159-2				95		%
Thallium	203-1	0.70	0.64	0.71	0.68	5.45	ppb
Thallium	205-1	0.70	0.59	0.70	0.66	9.48	ppb
Thorium	232-1	19.53	19.85	20.07	19.82	1.36	ppb
Tin	118-1	0.79	0.79	0.80	0.79	0.71	ppb
Titanium	47-1	36.33	35.05	35.39	35.59	1.87	ppb
Uranium	238-1	12.83	12.77	13.08	12.89	1.28	ppb
Vanadium	51-2	126.72	127.89	128.92	127.84	0.86	ppb
Yttrium	89-1				152		%
Yttrium	89-2				163		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3783-03	Instrumnet Name :	P7
Client Sample ID :	KY030LC018-SD-190711	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 17:49:21	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	197.85	201.29	201.24	200.13	0.99	ppb
Zirconium	90-1	32.29	32.34	32.16	32.26	0.30	ppb
Zirconium	91-1	34.18	33.47	32.73	33.46	2.17	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-08DLX5 Instrumnet Name : P7
 Client Sample ID : KY030LC068-SD-190709 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 17:53:00 DataFile Name : 072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11772.00	11340.45	11270.99	11461.14	2.37	ppb
Antimony	121-1	0.03	0.06	0.06	0.05	36.84	ppb
Arsenic	75-2	8.21	7.73	6.87	7.60	8.94	ppb
Barium	135-1	103.76	102.82	102.79	103.13	0.54	ppb
Barium	137-1	101.86	101.13	101.68	101.56	0.37	ppb
Beryllium	9-1	1.10	0.98	1.06	1.05	6.32	ppb
Bismuth	209-1				82		%
Bismuth	209-2				80		%
Boron	10-1	11.90	12.96	11.90	12.26	4.97	ppb
Boron	11-1	12.89	12.64	12.33	12.62	2.19	ppb
Cadmium	111-1	1.17	1.18	1.35	1.23	8.26	ppb
Cadmium	106-1	4.62	4.77	7.23	5.54	26.44	ppb
Cadmium	108-1	2.81	2.32	2.03	2.39	16.39	ppb
Calcium	43-1	383159.97	385741.58	382001.87	383634.48	0.50	ppb
Calcium	44-1	383664.08	389130.17	385224.37	386006.21	0.73	ppb
Chromium	52-2	30.44	29.97	29.40	29.94	1.75	ppb
Cobalt	59-2	7.05	6.59	6.60	6.75	3.90	ppb
Copper	63-2	11.56	11.18	10.81	11.19	3.36	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				90		%
Holmium	165-2				92		%
Indium	115-1				89		%
Indium	115-2				97		%
Iron	56-2	19031.04	18307.43	18157.04	18498.50	2.53	ppb
Iron	57-2	21280.30	20639.91	20273.58	20731.26	2.46	ppb
Krypton	83-1						cps
Lead	206-1	19.10	18.66	18.26	18.67	2.26	ppb
Lead	207-1	17.42	17.29	17.07	17.26	1.03	ppb
Lead	208-1	17.98	17.66	17.30	17.65	1.95	ppb
Lithium	6-1				84		%
Magnesium	24-2	4787.78	4684.19	4591.92	4687.96	2.09	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-08DLX5 Instrumnet Name : P7
 Client Sample ID : KY030LC068-SD-190709 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 17:53:00 DataFile Name : 072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	425.06	410.85	408.96	414.96	2.12	ppb
Molybdenum	94-1	18.88	18.08	18.50	18.49	2.15	ppb
Molybdenum	95-1	0.22	0.16	0.15	0.18	22.23	ppb
Molybdenum	96-1	2.78	2.54	2.57	2.63	4.85	ppb
Molybdenum	97-1	0.18	0.21	0.14	0.18	20.43	ppb
Molybdenum	98-1	0.18	0.19	0.19	0.18	2.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.91	16.29	15.99	16.73	6.19	ppb
Phosphorus	31-2	2013.66	1933.01	2036.08	1994.25	2.72	ppb
Potassium	39-2	3545.75	3458.13	3424.07	3475.98	1.81	ppb
Rhodium	103-1				87		%
Rhodium	103-2				90		%
Scandium	45-1				88		%
Scandium	45-2				94		%
Selenium	77-2	20.72	21.39	10.01	17.37	36.76	ppb
Selenium	78-2	6.19	6.97	6.86	6.67	6.34	ppb
Selenium	82-1	1.72	2.76	1.24	1.91	40.57	ppb
Silicon	28-1	3252.80	3300.48	3314.45	3289.24	0.98	ppb
Silver	109-1	0.14	0.19	0.16	0.16	14.17	ppb
Silver	107-1	0.20	0.20	0.22	0.21	5.39	ppb
Sodium	23-2	230.93	220.17	224.69	225.26	2.40	ppb
Strontium	86-1	271.15	265.68	264.31	267.05	1.36	ppb
Strontium	88-1	279.50	277.66	277.51	278.23	0.40	ppb
Sulfur	34-1	735.80	876.74	991.87	868.14	14.77	ppb
Terbium	159-1				93		%
Terbium	159-2				93		%
Thallium	203-1	0.18	0.13	0.23	0.18	28.22	ppb
Thallium	205-1	0.16	0.13	0.16	0.15	13.38	ppb
Thorium	232-1	5.26	5.26	5.19	5.24	0.72	ppb
Tin	118-1	0.00	0.04	0.02	0.02	113.27	ppb
Titanium	47-1	11.98	11.31	11.93	11.74	3.17	ppb
Uranium	238-1	1.70	1.54	1.54	1.59	5.80	ppb
Vanadium	51-2	33.21	31.83	30.57	31.87	4.15	ppb
Yttrium	89-1				102		%
Yttrium	89-2				107		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-08DLX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-SD-190709	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 17:53:00	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	58.73	56.77	55.55	57.02	2.81	ppb
Zirconium	90-1	11.85	12.06	12.09	12.00	1.08	ppb
Zirconium	91-1	12.63	12.32	12.59	12.51	1.35	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-08DUPDLX5 Instrumnet Name : P7
 Client Sample ID : KY030LC068-SD-190709 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 17:56:38 DataFile Name : 073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11790.08	11916.78	11993.12	11899.99	0.86	ppb
Antimony	121-1	0.04	0.03	0.07	0.05	49.22	ppb
Arsenic	75-2	7.33	7.37	7.36	7.35	0.31	ppb
Barium	135-1	104.43	98.70	101.91	101.68	2.82	ppb
Barium	137-1	103.82	101.09	99.01	101.31	2.38	ppb
Beryllium	9-1	0.97	1.02	1.00	1.00	2.19	ppb
Bismuth	209-1				81		%
Bismuth	209-2				79		%
Boron	10-1	10.58	10.14	11.96	10.89	8.72	ppb
Boron	11-1	10.54	11.34	11.25	11.04	3.99	ppb
Cadmium	111-1	1.11	1.15	0.86	1.04	14.96	ppb
Cadmium	106-1	4.39	3.78	4.40	4.19	8.41	ppb
Cadmium	108-1	2.44	2.22	2.84	2.50	12.53	ppb
Calcium	43-1	368286.31	367852.61	371719.23	369286.05	0.57	ppb
Calcium	44-1	370126.53	367922.03	370373.47	369474.01	0.37	ppb
Chromium	52-2	30.81	30.64	30.68	30.71	0.28	ppb
Cobalt	59-2	6.87	6.92	7.00	6.93	0.89	ppb
Copper	63-2	10.81	10.89	10.94	10.88	0.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				90		%
Indium	115-1				89		%
Indium	115-2				95		%
Iron	56-2	18734.09	18693.23	18771.90	18733.07	0.21	ppb
Iron	57-2	20715.37	20896.20	21151.39	20920.99	1.05	ppb
Krypton	83-1						cps
Lead	206-1	18.84	18.70	18.22	18.59	1.77	ppb
Lead	207-1	17.81	16.91	16.80	17.17	3.22	ppb
Lead	208-1	17.95	17.63	17.40	17.66	1.56	ppb
Lithium	6-1				84		%
Magnesium	24-2	4752.87	4750.31	4827.61	4776.93	0.92	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-08DUPDLX5 Instrumnet Name : P7
 Client Sample ID : KY030LC068-SD-190709 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 17:56:38 DataFile Name : 073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	410.27	413.19	416.13	413.20	0.71	ppb
Molybdenum	94-1	19.22	18.04	18.18	18.48	3.49	ppb
Molybdenum	95-1	0.21	0.14	0.17	0.17	18.45	ppb
Molybdenum	96-1	2.68	2.65	2.43	2.59	5.29	ppb
Molybdenum	97-1	0.18	0.15	0.21	0.18	15.25	ppb
Molybdenum	98-1	0.18	0.17	0.15	0.17	8.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.34	17.18	17.12	16.88	2.79	ppb
Phosphorus	31-2	2189.34	2157.66	2147.16	2164.72	1.01	ppb
Potassium	39-2	3559.09	3566.71	3620.68	3582.16	0.94	ppb
Rhodium	103-1				85		%
Rhodium	103-2				88		%
Scandium	45-1				88		%
Scandium	45-2				93		%
Selenium	77-2	23.34	25.19	28.91	25.81	10.99	ppb
Selenium	78-2	6.50	5.17	8.00	6.56	21.56	ppb
Selenium	82-1	1.10	0.49	1.66	1.08	53.99	ppb
Silicon	28-1	3375.93	3332.61	3361.55	3356.69	0.66	ppb
Silver	109-1	0.18	0.20	0.12	0.17	25.00	ppb
Silver	107-1	0.24	0.16	0.16	0.19	26.05	ppb
Sodium	23-2	218.27	221.07	217.46	218.93	0.86	ppb
Strontium	86-1	271.91	266.33	259.47	265.90	2.34	ppb
Strontium	88-1	280.85	277.65	276.00	278.17	0.89	ppb
Sulfur	34-1	836.00	870.66	1008.85	905.17	10.10	ppb
Terbium	159-1				92		%
Terbium	159-2				92		%
Thallium	203-1	0.20	0.19	0.15	0.18	15.56	ppb
Thallium	205-1	0.15	0.16	0.12	0.14	11.94	ppb
Thorium	232-1	5.34	5.34	5.25	5.31	0.94	ppb
Tin	118-1	-0.06	0.00	0.04	-0.01		ppb
Titanium	47-1	12.92	12.47	11.86	12.42	4.28	ppb
Uranium	238-1	1.70	1.73	1.74	1.72	1.19	ppb
Vanadium	51-2	31.58	32.94	31.80	32.11	2.28	ppb
Yttrium	89-1				101		%
Yttrium	89-2				104		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-08DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-SD-190709	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 17:56:38	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	56.04	54.18	54.28	54.84	1.91	ppb
Zirconium	90-1	12.25	12.10	11.84	12.07	1.72	ppb
Zirconium	91-1	13.39	12.62	12.47	12.83	3.86	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-08LDLX25	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-SD-190709	Dilution Factor :	25
Date & Time Acquired ::	2019-07-19 18:00:17	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2375.43	2387.12	2373.81	2378.79	0.31	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	24.70	ppb
Arsenic	75-2	1.44	1.80	1.39	1.54	14.36	ppb
Barium	135-1	21.24	20.08	20.24	20.52	3.05	ppb
Barium	137-1	19.85	20.11	18.76	19.57	3.67	ppb
Beryllium	9-1	0.21	0.20	0.21	0.21	2.19	ppb
Bismuth	209-1				84		%
Bismuth	209-2				82		%
Boron	10-1	3.75	3.75	4.59	4.03	12.08	ppb
Boron	11-1	3.87	4.31	4.20	4.13	5.57	ppb
Cadmium	111-1	0.35	0.14	0.06	0.18	81.52	ppb
Cadmium	106-1	1.92	0.27	-0.25	0.65	174.95	ppb
Cadmium	108-1	0.18	0.18	0.49	0.28	62.49	ppb
Calcium	43-1	74865.81	74184.55	73269.37	74106.58	1.08	ppb
Calcium	44-1	77126.51	76913.97	77022.69	77021.06	0.14	ppb
Chromium	52-2	6.12	6.35	5.93	6.14	3.50	ppb
Cobalt	59-2	1.34	1.35	1.39	1.36	2.16	ppb
Copper	63-2	2.26	2.40	2.43	2.36	3.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				90		%
Indium	115-1				90		%
Indium	115-2				96		%
Iron	56-2	3889.42	3884.34	3833.10	3868.95	0.81	ppb
Iron	57-2	4396.75	4412.92	4321.82	4377.16	1.11	ppb
Krypton	83-1						cps
Lead	206-1	3.66	3.62	3.69	3.66	1.02	ppb
Lead	207-1	3.31	2.94	3.21	3.15	6.20	ppb
Lead	208-1	3.46	3.26	3.37	3.36	2.90	ppb
Lithium	6-1				84		%
Magnesium	24-2	962.84	981.98	963.18	969.33	1.13	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-08LDLX25	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-SD-190709	Dilution Factor :	25
Date & Time Acquired ::	2019-07-19 18:00:17	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	85.10	85.82	87.04	85.99	1.14	ppb
Molybdenum	94-1	3.81	3.87	3.72	3.80	1.98	ppb
Molybdenum	95-1	0.05	0.02	0.03	0.03	44.73	ppb
Molybdenum	96-1	0.50	0.54	0.61	0.55	9.60	ppb
Molybdenum	97-1	0.04	0.07	0.05	0.06	26.81	ppb
Molybdenum	98-1	0.03	0.04	0.05	0.04	19.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.41	3.92	3.45	3.60	7.91	ppb
Phosphorus	31-2	341.22	370.40	331.49	347.70	5.82	ppb
Potassium	39-2	704.59	709.63	728.51	714.24	1.77	ppb
Rhodium	103-1				89		%
Rhodium	103-2				92		%
Scandium	45-1				86		%
Scandium	45-2				90		%
Selenium	77-2	3.67	7.48	7.38	6.17	35.13	ppb
Selenium	78-2	1.49	4.31	2.34	2.71	53.39	ppb
Selenium	82-1	-0.08	-0.26	-0.01	-0.12		ppb
Silicon	28-1	610.79	604.11	600.20	605.03	0.89	ppb
Silver	109-1	0.02	0.01	0.01	0.01	35.69	ppb
Silver	107-1	0.03	0.02	0.03	0.03	33.99	ppb
Sodium	23-2	39.12	38.90	36.00	38.01	4.59	ppb
Strontium	86-1	54.70	56.95	55.87	55.84	2.01	ppb
Strontium	88-1	58.79	58.14	57.50	58.14	1.11	ppb
Sulfur	34-1	405.00	83.93	315.90	268.28	61.78	ppb
Terbium	159-1				92		%
Terbium	159-2				92		%
Thallium	203-1	0.01	0.01	0.05	0.03	82.46	ppb
Thallium	205-1	0.02	0.01	0.00	0.01	119.50	ppb
Thorium	232-1	1.00	0.96	0.98	0.98	1.93	ppb
Tin	118-1	-0.06	-0.10	-0.08	-0.08		ppb
Titanium	47-1	2.73	2.57	2.55	2.62	3.78	ppb
Uranium	238-1	0.29	0.29	0.31	0.29	3.58	ppb
Vanadium	51-2	6.47	6.60	6.18	6.42	3.32	ppb
Yttrium	89-1				94		%
Yttrium	89-2				98		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-08LDLX25	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-SD-190709	Dilution Factor :	25
Date & Time Acquired ::	2019-07-19 18:00:17	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	12.87	12.78	13.14	12.93	1.45	ppb
Zirconium	90-1	2.62	2.57	2.28	2.49	7.38	ppb
Zirconium	91-1	2.48	2.44	2.55	2.49	2.28	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-09DLX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-SD-190709	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 18:03:54	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23881.71	23754.59	24004.55	23880.28	0.52	ppb
Antimony	121-1	3.35	3.32	3.00	3.22	6.09	ppb
Arsenic	75-2	92.87	91.67	92.35	92.30	0.65	ppb
Barium	135-1	588.56	580.58	574.32	581.15	1.23	ppb
Barium	137-1	589.45	576.89	562.77	576.37	2.32	ppb
Beryllium	9-1	97.50	97.27	97.22	97.33	0.16	ppb
Bismuth	209-1				81		%
Bismuth	209-2				79		%
Boron	10-1	89.89	93.72	96.65	93.42	3.63	ppb
Boron	11-1	91.84	97.38	95.37	94.86	2.96	ppb
Cadmium	111-1	92.03	90.36	86.87	89.75	2.93	ppb
Cadmium	106-1	91.56	99.78	87.89	93.08	6.54	ppb
Cadmium	108-1	93.73	91.44	87.32	90.83	3.58	ppb
Calcium	43-1	318260.70	315441.32	314866.68	316189.57	0.57	ppb
Calcium	44-1	315869.29	316616.42	315393.20	315959.64	0.20	ppb
Chromium	52-2	142.84	141.09	141.58	141.84	0.63	ppb
Cobalt	59-2	100.59	100.12	99.46	100.06	0.57	ppb
Copper	63-2	192.49	191.31	189.72	191.17	0.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				91		%
Indium	115-1				88		%
Indium	115-2				96		%
Iron	56-2	31485.37	30963.85	30860.04	31103.09	1.08	ppb
Iron	57-2	33350.59	33144.76	33052.31	33182.55	0.46	ppb
Krypton	83-1						cps
Lead	206-1	111.33	110.48	108.88	110.23	1.13	ppb
Lead	207-1	111.67	108.78	107.88	109.44	1.81	ppb
Lead	208-1	110.98	108.52	107.76	109.09	1.54	ppb
Lithium	6-1				82		%
Magnesium	24-2	11174.22	11161.07	11299.02	11211.44	0.68	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-09DLX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-SD-190709	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 18:03:54	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	633.89	626.92	628.72	629.84	0.57	ppb
Molybdenum	94-1	304.94	307.01	303.84	305.26	0.53	ppb
Molybdenum	95-1	265.54	266.18	259.18	263.63	1.47	ppb
Molybdenum	96-1	268.76	271.00	270.99	270.25	0.48	ppb
Molybdenum	97-1	266.42	263.04	258.72	262.73	1.47	ppb
Molybdenum	98-1	261.21	257.50	261.37	260.03	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	112.99	112.67	111.88	112.51	0.51	ppb
Phosphorus	31-2	4052.11	3860.66	4194.24	4035.67	4.15	ppb
Potassium	39-2	10392.44	10333.50	10380.99	10368.98	0.30	ppb
Rhodium	103-1				85		%
Rhodium	103-2				89		%
Scandium	45-1				88		%
Scandium	45-2				93		%
Selenium	77-2	90.58	86.69	114.41	97.22	15.43	ppb
Selenium	78-2	83.08	88.60	83.39	85.02	3.65	ppb
Selenium	82-1	74.45	78.83	78.22	77.17	3.07	ppb
Silicon	28-1	997.51	991.52	1000.87	996.63	0.48	ppb
Silver	109-1	86.17	83.30	82.27	83.91	2.41	ppb
Silver	107-1	84.20	83.09	82.25	83.18	1.18	ppb
Sodium	23-2	4805.55	4808.66	4771.34	4795.18	0.43	ppb
Strontium	86-1	355.35	349.78	347.06	350.73	1.20	ppb
Strontium	88-1	366.95	367.30	365.36	366.54	0.28	ppb
Sulfur	34-1	806.21	792.97	572.43	723.87	18.14	ppb
Terbium	159-1				92		%
Terbium	159-2				93		%
Thallium	203-1	84.09	83.46	81.67	83.07	1.51	ppb
Thallium	205-1	86.28	84.01	83.06	84.45	1.96	ppb
Thorium	232-1	6.69	6.45	6.44	6.53	2.20	ppb
Tin	118-1	22.79	21.86	22.02	22.22	2.24	ppb
Titanium	47-1	116.42	113.34	112.44	114.07	1.83	ppb
Uranium	238-1	91.23	89.23	88.96	89.81	1.38	ppb
Vanadium	51-2	136.64	138.57	138.31	137.84	0.76	ppb
Yttrium	89-1				104		%
Yttrium	89-2				109		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-09DLX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-SD-190709	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 18:03:54	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	235.28	234.41	230.89	233.52	1.00	ppb
Zirconium	90-1	78.47	78.96	77.51	78.31	0.94	ppb
Zirconium	91-1	82.91	81.62	80.72	81.75	1.35	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-10DLX5 Instrumnet Name : P7
 Client Sample ID : KY030LC068-SD-190709 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 18:07:33 DataFile Name : 076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23685.08	23472.35	23950.82	23702.75	1.01	ppb
Antimony	121-1	4.99	4.70	4.75	4.81	3.31	ppb
Arsenic	75-2	92.94	95.96	94.58	94.49	1.60	ppb
Barium	135-1	622.18	606.91	614.73	614.60	1.24	ppb
Barium	137-1	609.18	602.82	604.19	605.40	0.55	ppb
Beryllium	9-1	103.86	104.59	103.28	103.91	0.63	ppb
Bismuth	209-1				81		%
Bismuth	209-2				80		%
Boron	10-1	93.05	90.68	95.78	93.17	2.74	ppb
Boron	11-1	94.46	92.16	94.87	93.83	1.56	ppb
Cadmium	111-1	96.44	95.22	96.16	95.94	0.67	ppb
Cadmium	106-1	94.62	97.52	105.12	99.09	5.47	ppb
Cadmium	108-1	96.54	95.58	100.38	97.50	2.61	ppb
Calcium	43-1	280274.81	279680.65	283432.21	281129.22	0.72	ppb
Calcium	44-1	280785.30	282397.61	283175.36	282119.42	0.43	ppb
Chromium	52-2	146.40	145.87	147.81	146.70	0.68	ppb
Cobalt	59-2	102.58	103.89	105.19	103.88	1.26	ppb
Copper	63-2	197.37	196.70	201.44	198.50	1.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				91		%
Indium	115-1				88		%
Indium	115-2				97		%
Iron	56-2	31282.46	30770.81	31086.02	31046.43	0.83	ppb
Iron	57-2	32728.77	32663.19	33324.71	32905.56	1.11	ppb
Krypton	83-1						cps
Lead	206-1	113.79	113.59	112.46	113.28	0.63	ppb
Lead	207-1	116.20	114.32	113.94	114.82	1.05	ppb
Lead	208-1	114.45	113.16	112.61	113.41	0.84	ppb
Lithium	6-1				81		%
Magnesium	24-2	11179.06	11043.89	11165.61	11129.52	0.67	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-10DLX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-SD-190709	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 18:07:33	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	624.45	629.08	632.90	628.81	0.67	ppb
Molybdenum	94-1	322.26	316.62	318.72	319.20	0.89	ppb
Molybdenum	95-1	290.32	282.04	282.04	284.80	1.68	ppb
Molybdenum	96-1	289.72	285.91	288.08	287.90	0.66	ppb
Molybdenum	97-1	289.18	284.46	287.02	286.89	0.82	ppb
Molybdenum	98-1	282.17	281.26	279.77	281.06	0.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	113.84	114.24	116.40	114.83	1.20	ppb
Phosphorus	31-2	3000.10	2805.89	2900.91	2902.30	3.35	ppb
Potassium	39-2	10424.85	10402.44	10466.89	10431.40	0.31	ppb
Rhodium	103-1				85		%
Rhodium	103-2				90		%
Scandium	45-1				87		%
Scandium	45-2				92		%
Selenium	77-2	103.97	96.33	116.40	105.57	9.59	ppb
Selenium	78-2	97.27	90.17	100.50	95.98	5.51	ppb
Selenium	82-1	82.48	80.35	80.85	81.23	1.37	ppb
Silicon	28-1	2169.78	2195.51	2186.71	2184.00	0.60	ppb
Silver	109-1	87.64	87.22	88.42	87.76	0.70	ppb
Silver	107-1	88.19	86.41	88.48	87.69	1.28	ppb
Sodium	23-2	4965.47	4896.38	4973.53	4945.13	0.86	ppb
Strontium	86-1	342.13	338.28	339.03	339.81	0.60	ppb
Strontium	88-1	353.84	357.46	355.84	355.71	0.51	ppb
Sulfur	34-1	589.25	793.06	781.31	721.21	15.87	ppb
Terbium	159-1				92		%
Terbium	159-2				93		%
Thallium	203-1	88.85	87.67	87.86	88.13	0.72	ppb
Thallium	205-1	89.79	87.44	88.43	88.55	1.33	ppb
Thorium	232-1	6.70	6.59	6.61	6.63	0.85	ppb
Tin	118-1	13.84	14.15	14.37	14.12	1.88	ppb
Titanium	47-1	112.74	108.99	109.17	110.30	1.92	ppb
Uranium	238-1	92.15	89.80	90.26	90.74	1.37	ppb
Vanadium	51-2	135.07	133.86	135.49	134.80	0.63	ppb
Yttrium	89-1				102		%
Yttrium	89-2				108		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-10DLX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-SD-190709	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 18:07:33	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	243.05	240.92	249.07	244.35	1.73	ppb
Zirconium	90-1	80.31	78.94	79.37	79.54	0.88	ppb
Zirconium	91-1	83.35	83.47	82.41	83.08	0.70	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-08ADLX5 Instrumnet Name : P7
 Client Sample ID : KY030LC068-SD-190709 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 18:11:12 DataFile Name : 077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24240.25	23756.74	24098.17	24031.72	1.03	ppb
Antimony	121-1	69.74	69.23	68.32	69.10	1.04	ppb
Arsenic	75-2	95.27	95.75	96.09	95.71	0.43	ppb
Barium	135-1	624.66	612.66	611.47	616.26	1.18	ppb
Barium	137-1	615.87	611.47	600.19	609.17	1.33	ppb
Beryllium	9-1	104.00	104.11	103.56	103.89	0.28	ppb
Bismuth	209-1				80		%
Bismuth	209-2				79		%
Boron	10-1	99.91	101.60	96.13	99.21	2.82	ppb
Boron	11-1	98.31	101.34	100.56	100.07	1.57	ppb
Cadmium	111-1	97.65	95.63	96.01	96.43	1.11	ppb
Cadmium	106-1	98.92	99.23	98.02	98.72	0.64	ppb
Cadmium	108-1	102.11	97.67	95.20	98.32	3.56	ppb
Calcium	43-1	295662.27	295083.22	297698.18	296147.89	0.46	ppb
Calcium	44-1	296424.82	296361.24	297638.69	296808.25	0.24	ppb
Chromium	52-2	148.78	146.75	148.45	147.99	0.74	ppb
Cobalt	59-2	105.26	105.72	105.36	105.45	0.23	ppb
Copper	63-2	202.04	200.65	203.50	202.06	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				89		%
Holmium	165-2				91		%
Indium	115-1				88		%
Indium	115-2				96		%
Iron	56-2	31798.67	31102.28	31239.95	31380.30	1.18	ppb
Iron	57-2	33368.46	32702.32	33466.20	33178.99	1.25	ppb
Krypton	83-1						cps
Lead	206-1	119.88	115.49	113.39	116.26	2.85	ppb
Lead	207-1	117.68	116.53	114.72	116.31	1.29	ppb
Lead	208-1	117.71	115.18	113.40	115.43	1.88	ppb
Lithium	6-1				81		%
Magnesium	24-2	11420.71	11219.34	11403.34	11347.80	0.98	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-08ADLX5 Instrumnet Name : P7
 Client Sample ID : KY030LC068-SD-190709 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 18:11:12 DataFile Name : 077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	641.81	626.58	641.32	636.57	1.36	ppb
Molybdenum	94-1	324.74	324.16	322.03	323.65	0.44	ppb
Molybdenum	95-1	288.51	283.91	284.96	285.79	0.84	ppb
Molybdenum	96-1	295.03	288.87	290.85	291.58	1.08	ppb
Molybdenum	97-1	284.98	286.03	286.46	285.82	0.27	ppb
Molybdenum	98-1	284.44	282.44	282.99	283.29	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	115.38	117.56	118.70	117.21	1.44	ppb
Phosphorus	31-2	3530.76	3239.17	3491.98	3420.64	4.63	ppb
Potassium	39-2	10642.38	10487.31	10577.27	10568.98	0.74	ppb
Rhodium	103-1				85		%
Rhodium	103-2				89		%
Scandium	45-1				87		%
Scandium	45-2				92		%
Selenium	77-2	91.54	105.96	113.92	103.81	10.93	ppb
Selenium	78-2	97.84	97.21	96.29	97.11	0.80	ppb
Selenium	82-1	83.57	79.73	82.46	81.92	2.41	ppb
Silicon	28-1	1628.33	1595.28	1628.78	1617.46	1.19	ppb
Silver	109-1	92.24	92.58	92.00	92.27	0.32	ppb
Silver	107-1	92.47	92.16	92.07	92.23	0.23	ppb
Sodium	23-2	5127.30	5010.74	5059.74	5065.93	1.16	ppb
Strontium	86-1	346.25	350.56	348.62	348.48	0.62	ppb
Strontium	88-1	365.22	363.53	361.52	363.42	0.51	ppb
Sulfur	34-1	658.23	634.10	606.67	633.00	4.08	ppb
Terbium	159-1				92		%
Terbium	159-2				92		%
Thallium	203-1	91.74	91.70	88.30	90.58	2.18	ppb
Thallium	205-1	92.63	90.81	88.11	90.52	2.52	ppb
Thorium	232-1	6.84	6.62	6.58	6.68	2.05	ppb
Tin	118-1	18.95	19.12	18.14	18.73	2.80	ppb
Titanium	47-1	118.10	115.92	116.09	116.70	1.04	ppb
Uranium	238-1	95.23	92.85	93.90	93.99	1.27	ppb
Vanadium	51-2	141.52	138.64	140.16	140.11	1.03	ppb
Yttrium	89-1				102		%
Yttrium	89-2				107		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-08ADLX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-SD-190709	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 18:11:12	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	255.15	241.17	253.61	249.97	3.07	ppb
Zirconium	90-1	82.16	80.94	80.42	81.17	1.10	ppb
Zirconium	91-1	85.15	84.24	82.84	84.08	1.38	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-11DLX5 Instrumnet Name : P7
 Client Sample ID : KY030LC051-SD-190709 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 18:14:51 DataFile Name : 078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11228.92	11232.02	11193.32	11218.09	0.19	ppb
Antimony	121-1	0.46	0.45	0.47	0.46	1.63	ppb
Arsenic	75-2	7.30	7.10	7.13	7.18	1.51	ppb
Barium	135-1	195.92	187.53	191.70	191.72	2.19	ppb
Barium	137-1	190.28	187.08	187.40	188.25	0.94	ppb
Beryllium	9-1	1.15	1.03	1.10	1.09	5.91	ppb
Bismuth	209-1				83		%
Bismuth	209-2				80		%
Boron	10-1	12.67	12.07	11.58	12.11	4.49	ppb
Boron	11-1	12.20	11.98	11.54	11.91	2.79	ppb
Cadmium	111-1	150.11	146.70	148.71	148.51	1.15	ppb
Cadmium	106-1	118.87	113.18	116.18	116.08	2.45	ppb
Cadmium	108-1	127.29	128.31	126.51	127.37	0.71	ppb
Calcium	43-1	263945.50	260565.53	261526.58	262012.54	0.66	ppb
Calcium	44-1	264423.75	261604.47	262330.45	262786.22	0.56	ppb
Chromium	52-2	870.77	859.66	859.55	863.33	0.75	ppb
Cobalt	59-2	8.25	7.90	8.04	8.06	2.20	ppb
Copper	63-2	245.52	243.63	243.50	244.22	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				91		%
Indium	115-1				91		%
Indium	115-2				98		%
Iron	56-2	16049.78	15752.14	15776.65	15859.52	1.04	ppb
Iron	57-2	17388.55	17129.30	17304.77	17274.21	0.77	ppb
Krypton	83-1						cps
Lead	206-1	945.03	942.02	941.15	942.73	0.22	ppb
Lead	207-1	868.06	847.64	860.83	858.84	1.21	ppb
Lead	208-1	910.91	910.96	914.95	912.27	0.25	ppb
Lithium	6-1				82		%
Magnesium	24-2	4592.37	4590.04	4595.77	4592.73	0.06	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-11DLX5 Instrumnet Name : P7
 Client Sample ID : KY030LC051-SD-190709 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 18:14:51 DataFile Name : 078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	312.22	305.58	307.57	308.46	1.10	ppb
Molybdenum	94-1	19.37	19.42	18.00	18.93	4.23	ppb
Molybdenum	95-1	0.38	0.33	0.40	0.37	10.37	ppb
Molybdenum	96-1	2.82	2.78	2.69	2.76	2.41	ppb
Molybdenum	97-1	0.42	0.40	0.35	0.39	9.42	ppb
Molybdenum	98-1	0.29	0.33	0.33	0.32	8.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.43	43.24	44.44	43.70	1.48	ppb
Phosphorus	31-2	3067.96	3022.19	3139.25	3076.47	1.92	ppb
Potassium	39-2	2439.81	2391.68	2371.51	2401.00	1.46	ppb
Rhodium	103-1				86		%
Rhodium	103-2				89		%
Scandium	45-1				87		%
Scandium	45-2				90		%
Selenium	77-2	22.33	9.38	22.07	17.93	41.30	ppb
Selenium	78-2	5.36	4.94	5.27	5.19	4.28	ppb
Selenium	82-1	1.12	0.29	1.46	0.96	63.35	ppb
Silicon	28-1	1876.53	1865.55	1865.30	1869.13	0.34	ppb
Silver	109-1	55.93	54.77	55.33	55.34	1.06	ppb
Silver	107-1	56.30	55.05	54.94	55.43	1.36	ppb
Sodium	23-2	274.42	273.14	274.46	274.01	0.27	ppb
Strontium	86-1	295.55	295.03	292.19	294.26	0.62	ppb
Strontium	88-1	308.22	308.56	310.64	309.14	0.43	ppb
Sulfur	34-1	1225.99	879.05	810.52	971.86	22.92	ppb
Terbium	159-1				93		%
Terbium	159-2				92		%
Thallium	203-1	0.23	0.15	0.11	0.16	35.43	ppb
Thallium	205-1	0.19	0.14	0.18	0.17	16.06	ppb
Thorium	232-1	4.58	4.56	4.49	4.54	1.07	ppb
Tin	118-1	3.03	2.72	2.51	2.75	9.49	ppb
Titanium	47-1	8.49	7.67	7.61	7.92	6.20	ppb
Uranium	238-1	1.94	1.87	1.82	1.88	3.18	ppb
Vanadium	51-2	27.18	26.61	27.74	27.17	2.08	ppb
Yttrium	89-1				99		%
Yttrium	89-2				103		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-11DLX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC051-SD-190709	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 18:14:51	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	425.56	421.29	425.48	424.11	0.58	ppb
Zirconium	90-1	12.66	12.34	12.38	12.46	1.40	ppb
Zirconium	91-1	13.02	12.34	13.05	12.81	3.12	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P7
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 18:23:40	DataFile Name :	079CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52331.69	51232.87	51684.21	51749.59	1.07	ppb
Antimony	121-1	505.93	492.01	498.90	498.95	1.40	ppb
Arsenic	75-2	519.51	509.45	510.85	513.27	1.06	ppb
Barium	135-1	2498.32	2454.89	2447.82	2467.01	1.11	ppb
Barium	137-1	2560.82	2539.43	2537.82	2546.02	0.50	ppb
Beryllium	9-1	521.52	514.84	517.15	517.84	0.65	ppb
Bismuth	209-1				73		%
Bismuth	209-2				74		%
Boron	10-1	475.51	494.25	494.72	488.16	2.24	ppb
Boron	11-1	464.24	479.68	491.61	478.51	2.87	ppb
Cadmium	111-1	507.22	505.73	505.23	506.06	0.20	ppb
Cadmium	106-1	538.41	525.13	518.38	527.31	1.93	ppb
Cadmium	108-1	532.77	517.48	521.16	523.80	1.52	ppb
Calcium	43-1	234504.56	234707.75	244177.34	237796.55	2.32	ppb
Calcium	44-1	234840.43	234841.96	246838.51	238840.30	2.90	ppb
Chromium	52-2	503.59	498.57	504.83	502.33	0.66	ppb
Cobalt	59-2	493.40	490.97	496.26	493.55	0.54	ppb
Copper	63-2	1015.04	1021.42	1010.60	1015.69	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				86		%
Holmium	165-2				88		%
Indium	115-1				82		%
Indium	115-2				90		%
Iron	56-2	128871.17	127881.54	128017.72	128256.81	0.42	ppb
Iron	57-2	130479.94	128980.38	128252.39	129237.57	0.88	ppb
Krypton	83-1						cps
Lead	206-1	503.62	500.57	498.61	500.93	0.50	ppb
Lead	207-1	505.01	509.41	503.00	505.81	0.65	ppb
Lead	208-1	511.35	513.64	510.40	511.80	0.33	ppb
Lithium	6-1				76		%
Magnesium	24-2	241959.79	239682.66	238972.13	240204.86	0.65	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P7
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 18:23:40	DataFile Name :	079CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1014.42	1017.26	1024.01	1018.57	0.48	ppb
Molybdenum	94-1	2527.68	2498.81	2488.62	2505.04	0.81	ppb
Molybdenum	95-1	2518.50	2506.26	2481.19	2501.98	0.76	ppb
Molybdenum	96-1	2499.36	2510.45	2495.36	2501.72	0.31	ppb
Molybdenum	97-1	2493.01	2490.46	2472.71	2485.40	0.44	ppb
Molybdenum	98-1	2500.53	2490.32	2489.38	2493.41	0.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.31	503.15	505.84	505.10	0.34	ppb
Phosphorus	31-2	9570.60	9989.33	9544.35	9701.43	2.57	ppb
Potassium	39-2	123947.94	122483.65	122901.42	123111.00	0.61	ppb
Rhodium	103-1				78		%
Rhodium	103-2				83		%
Scandium	45-1				80		%
Scandium	45-2				87		%
Selenium	77-2	513.53	515.01	474.92	501.16	4.54	ppb
Selenium	78-2	493.89	519.78	522.90	512.19	3.11	ppb
Selenium	82-1	471.24	469.71	476.68	472.54	0.78	ppb
Silicon	28-1	468.00	465.91	488.46	474.12	2.63	ppb
Silver	109-1	515.68	511.57	511.39	512.88	0.47	ppb
Silver	107-1	516.28	510.46	512.85	513.20	0.57	ppb
Sodium	23-2	241692.77	239994.50	239040.85	240242.71	0.56	ppb
Strontium	86-1	529.45	532.00	518.80	526.75	1.33	ppb
Strontium	88-1	550.01	547.05	546.23	547.76	0.36	ppb
Sulfur	34-1	10253.19	9872.88	10808.11	10311.39	4.56	ppb
Terbium	159-1				88		%
Terbium	159-2				89		%
Thallium	203-1	500.75	498.73	492.44	497.31	0.87	ppb
Thallium	205-1	520.55	523.69	521.83	522.02	0.30	ppb
Thorium	232-1	526.67	530.65	525.60	527.64	0.50	ppb
Tin	118-1	492.90	484.77	484.73	487.47	0.97	ppb
Titanium	47-1	2403.99	2366.78	2557.84	2442.87	4.15	ppb
Uranium	238-1	520.15	528.78	517.41	522.11	1.14	ppb
Vanadium	51-2	510.49	502.09	506.41	506.33	0.83	ppb
Yttrium	89-1				87		%
Yttrium	89-2				93		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P7
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 18:23:40	DataFile Name :	079CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1021.88	1022.84	1023.45	1022.73	0.08	ppb
Zirconium	90-1	502.63	497.84	497.15	499.21	0.60	ppb
Zirconium	91-1	488.41	481.66	485.07	485.05	0.70	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P7
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 18:35:44	DataFile Name :	080CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.63	0.84	1.25	0.91	34.72	ppb
Antimony	121-1	0.10	0.13	0.13	0.12	15.90	ppb
Arsenic	75-2	-0.02	0.00	0.02	0.00	1862.60	ppb
Barium	135-1	0.02	0.05	0.00	0.02	107.88	ppb
Barium	137-1	0.03	0.05	0.01	0.03	70.11	ppb
Beryllium	9-1	0.04	0.04	0.06	0.05	24.54	ppb
Bismuth	209-1				86		%
Bismuth	209-2				81		%
Boron	10-1	3.97	3.67	4.43	4.02	9.50	ppb
Boron	11-1	4.62	5.05	3.90	4.52	12.77	ppb
Cadmium	111-1	-0.23	-0.19	-0.29	-0.24		ppb
Cadmium	106-1	-2.77	-2.40	-3.58	-2.92		ppb
Cadmium	108-1	-0.13	0.08	-0.13	-0.06		ppb
Calcium	43-1	3.85	2.23	0.76	2.28	67.80	ppb
Calcium	44-1	3.04	1.96	0.14	1.71	85.61	ppb
Chromium	52-2	-0.02	-0.07	-0.05	-0.05		ppb
Cobalt	59-2	0.00	0.00	0.02	0.01	137.14	ppb
Copper	63-2	0.02	0.07	0.03	0.04	64.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				88		%
Indium	115-1				91		%
Indium	115-2				95		%
Iron	56-2	3.24	2.98	3.17	3.13	4.16	ppb
Iron	57-2	6.68	5.58	3.44	5.23	31.46	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.03	0.03	0.02	19.34	ppb
Lead	207-1	0.06	0.02	0.01	0.03	92.44	ppb
Lead	208-1	0.04	0.02	0.03	0.03	28.57	ppb
Lithium	6-1				82		%
Magnesium	24-2	4.87	5.11	5.79	5.26	9.11	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : CCB22 Instrumnet Name : P7
 Client Sample ID : CCB22 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 18:35:44 DataFile Name : 080CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.02	0.05	0.03	82.39	ppb
Molybdenum	94-1	0.20	0.10	0.01	0.10	96.42	ppb
Molybdenum	95-1	0.14	0.09	0.07	0.10	36.87	ppb
Molybdenum	96-1	0.07	0.08	0.10	0.09	20.21	ppb
Molybdenum	97-1	0.14	0.11	0.08	0.11	28.97	ppb
Molybdenum	98-1	0.09	0.06	0.07	0.07	20.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.01	0.00	0.01	227.38	ppb
Phosphorus	31-2	-45.44	-56.43	-60.17	-54.01		ppb
Potassium	39-2	7.23	14.70	15.73	12.56	36.95	ppb
Rhodium	103-1				91		%
Rhodium	103-2				92		%
Scandium	45-1				86		%
Scandium	45-2				89		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.70	0.09	0.97	0.92	87.16	ppb
Selenium	82-1	-0.32	-0.37	-0.28	-0.33		ppb
Silicon	28-1	-1.93	-1.89	-2.03	-1.95		ppb
Silver	109-1	0.01	0.01	-0.01	0.00	453.42	ppb
Silver	107-1	0.01	0.01	0.01	0.01	50.01	ppb
Sodium	23-2	-3.15	-2.66	-2.49	-2.77		ppb
Strontium	86-1	-0.02	-0.07	-0.03	-0.04		ppb
Strontium	88-1	0.00	0.02	0.01	0.01	60.12	ppb
Sulfur	34-1	-609.66	-782.34	-726.81	-706.27		ppb
Terbium	159-1				92		%
Terbium	159-2				89		%
Thallium	203-1	0.03	0.02	0.00	0.02	67.66	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	50.36	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	14.85	ppb
Tin	118-1	-0.07	-0.07	-0.07	-0.07		ppb
Titanium	47-1	-0.01	0.02	0.13	0.05	150.25	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	311.88	ppb
Vanadium	51-2	0.03	0.01	0.00	0.01	85.70	ppb
Yttrium	89-1				92		%
Yttrium	89-2				94		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P7
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 18:35:44	DataFile Name :	080CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.17	0.16	0.30	0.21	36.37	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	82.06	ppb
Zirconium	91-1	-0.01	-0.02	0.01	-0.01		ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-12DLX5 Instrumnet Name : P7
 Client Sample ID : KY030LC001-SD-190709 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 18:39:21 DataFile Name : 081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6471.54	6520.25	6659.48	6550.42	1.49	ppb
Antimony	121-1	0.22	0.24	0.33	0.26	22.46	ppb
Arsenic	75-2	7.48	8.41	8.23	8.04	6.15	ppb
Barium	135-1	92.22	87.85	86.41	88.83	3.41	ppb
Barium	137-1	88.83	89.50	87.51	88.61	1.14	ppb
Beryllium	9-1	0.64	0.65	0.62	0.64	2.29	ppb
Bismuth	209-1				81		%
Bismuth	209-2				78		%
Boron	10-1	12.27	12.13	11.93	12.11	1.40	ppb
Boron	11-1	10.99	11.96	12.31	11.75	5.83	ppb
Cadmium	111-1	2.20	2.21	2.23	2.22	0.81	ppb
Cadmium	106-1	5.74	7.67	5.50	6.30	18.82	ppb
Cadmium	108-1	3.95	4.22	3.49	3.89	9.47	ppb
Calcium	43-1	354309.21	356596.33	356842.33	355915.96	0.39	ppb
Calcium	44-1	356126.55	358101.86	357203.85	357144.09	0.28	ppb
Chromium	52-2	61.49	61.54	61.66	61.56	0.15	ppb
Cobalt	59-2	5.94	6.36	6.30	6.20	3.70	ppb
Copper	63-2	35.33	36.15	35.79	35.76	1.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				90		%
Indium	115-1				88		%
Indium	115-2				95		%
Iron	56-2	23021.02	23269.82	23064.83	23118.56	0.57	ppb
Iron	57-2	24940.98	25287.54	25233.37	25153.96	0.74	ppb
Krypton	83-1						cps
Lead	206-1	53.60	51.98	53.36	52.98	1.66	ppb
Lead	207-1	50.33	50.60	50.09	50.34	0.50	ppb
Lead	208-1	51.79	50.95	51.41	51.38	0.82	ppb
Lithium	6-1				83		%
Magnesium	24-2	3411.20	3426.02	3421.33	3419.52	0.22	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-12DLX5 Instrumnet Name : P7
 Client Sample ID : KY030LC001-SD-190709 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 18:39:21 DataFile Name : 081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	408.38	414.15	412.25	411.59	0.72	ppb
Molybdenum	94-1	13.43	13.12	13.56	13.37	1.70	ppb
Molybdenum	95-1	0.50	0.44	0.54	0.49	10.18	ppb
Molybdenum	96-1	2.25	2.17	2.22	2.21	1.73	ppb
Molybdenum	97-1	0.50	0.48	0.42	0.46	9.23	ppb
Molybdenum	98-1	0.53	0.54	0.58	0.55	4.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.51	18.13	17.77	18.14	2.05	ppb
Phosphorus	31-2	3394.73	3410.09	3491.32	3432.04	1.51	ppb
Potassium	39-2	1798.54	1840.38	1830.68	1823.20	1.20	ppb
Rhodium	103-1				85		%
Rhodium	103-2				89		%
Scandium	45-1				87		%
Scandium	45-2				91		%
Selenium	77-2	11.50	25.34	17.45	18.09	38.38	ppb
Selenium	78-2	5.00	7.57	6.27	6.28	20.39	ppb
Selenium	82-1	1.47	0.96	0.92	1.12	27.44	ppb
Silicon	28-1	2226.98	2227.01	2240.60	2231.53	0.35	ppb
Silver	109-1	1.25	1.39	1.19	1.28	8.10	ppb
Silver	107-1	1.25	1.33	1.29	1.29	2.94	ppb
Sodium	23-2	286.94	284.04	286.32	285.77	0.53	ppb
Strontium	86-1	221.13	217.77	219.14	219.35	0.77	ppb
Strontium	88-1	229.22	231.02	231.27	230.51	0.49	ppb
Sulfur	34-1	806.89	874.95	808.77	830.21	4.67	ppb
Terbium	159-1				92		%
Terbium	159-2				91		%
Thallium	203-1	0.11	0.12	0.15	0.13	16.24	ppb
Thallium	205-1	0.15	0.10	0.13	0.13	20.96	ppb
Thorium	232-1	2.84	2.68	2.80	2.77	2.94	ppb
Tin	118-1	7.39	7.38	7.16	7.31	1.76	ppb
Titanium	47-1	17.48	16.92	17.80	17.40	2.55	ppb
Uranium	238-1	2.42	2.40	2.49	2.43	1.96	ppb
Vanadium	51-2	29.67	30.23	29.80	29.90	0.98	ppb
Yttrium	89-1				101		%
Yttrium	89-2				104		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-12DLX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC001-SD-190709	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 18:39:21	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	95.95	93.29	92.48	93.91	1.93	ppb
Zirconium	90-1	8.31	8.13	8.41	8.28	1.68	ppb
Zirconium	91-1	8.92	8.69	8.47	8.69	2.60	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-13DLX5	Instrumnet Name :	P7
Client Sample ID :	DUP-0537-190709DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 18:43:00	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14288.19	14130.28	14304.71	14241.06	0.68	ppb
Antimony	121-1	0.06	0.04	0.04	0.05	30.94	ppb
Arsenic	75-2	7.77	8.19	7.56	7.84	4.14	ppb
Barium	135-1	124.00	122.45	118.88	121.78	2.16	ppb
Barium	137-1	120.15	119.10	116.62	118.62	1.53	ppb
Beryllium	9-1	1.25	1.13	1.16	1.18	5.20	ppb
Bismuth	209-1				82		%
Bismuth	209-2				79		%
Boron	10-1	11.51	11.84	10.27	11.21	7.42	ppb
Boron	11-1	10.28	9.67	10.64	10.20	4.86	ppb
Cadmium	111-1	0.84	1.29	0.88	1.01	24.95	ppb
Cadmium	106-1	3.62	8.42	7.46	6.50	39.08	ppb
Cadmium	108-1	3.23	2.62	3.52	3.13	14.64	ppb
Calcium	43-1	273739.20	271302.72	276384.74	273808.89	0.93	ppb
Calcium	44-1	272875.09	272616.88	277247.88	274246.61	0.95	ppb
Chromium	52-2	35.82	35.78	35.89	35.83	0.15	ppb
Cobalt	59-2	8.40	8.27	8.75	8.47	2.91	ppb
Copper	63-2	13.30	12.88	13.16	13.11	1.61	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				89		%
Indium	115-2				95		%
Iron	56-2	20410.70	20176.14	20016.59	20201.14	0.98	ppb
Iron	57-2	21843.22	21622.44	21992.03	21819.23	0.85	ppb
Krypton	83-1						cps
Lead	206-1	19.64	20.13	19.31	19.69	2.11	ppb
Lead	207-1	18.63	17.99	18.10	18.24	1.87	ppb
Lead	208-1	18.79	18.78	18.63	18.73	0.48	ppb
Lithium	6-1				83		%
Magnesium	24-2	5308.43	5323.95	5331.38	5321.25	0.22	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-13DLX5	Instrumnet Name :	P7
Client Sample ID :	DUP-0537-190709DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 18:43:00	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	442.63	443.28	439.94	441.95	0.40	ppb
Molybdenum	94-1	20.76	20.40	21.00	20.72	1.46	ppb
Molybdenum	95-1	0.18	0.20	0.16	0.18	12.35	ppb
Molybdenum	96-1	2.73	2.71	2.58	2.68	3.16	ppb
Molybdenum	97-1	0.17	0.19	0.20	0.18	7.83	ppb
Molybdenum	98-1	0.16	0.15	0.18	0.16	7.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.79	19.37	19.46	19.21	1.90	ppb
Phosphorus	31-2	2631.75	2653.25	2557.47	2614.16	1.92	ppb
Potassium	39-2	4305.95	4257.28	4320.26	4294.50	0.77	ppb
Rhodium	103-1				86		%
Rhodium	103-2				88		%
Scandium	45-1				87		%
Scandium	45-2				91		%
Selenium	77-2	24.30	24.92	26.16	25.12	3.77	ppb
Selenium	78-2	6.23	6.44	6.29	6.32	1.76	ppb
Selenium	82-1	2.13	1.19	2.13	1.82	29.73	ppb
Silicon	28-1	2676.16	2677.62	2729.51	2694.43	1.13	ppb
Silver	109-1	0.19	0.15	0.21	0.19	16.29	ppb
Silver	107-1	0.17	0.21	0.18	0.19	11.95	ppb
Sodium	23-2	257.78	253.84	253.90	255.17	0.88	ppb
Strontium	86-1	281.18	275.29	273.89	276.79	1.40	ppb
Strontium	88-1	291.81	287.52	289.73	289.69	0.74	ppb
Sulfur	34-1	820.17	618.53	802.83	747.18	14.96	ppb
Terbium	159-1				93		%
Terbium	159-2				91		%
Thallium	203-1	0.17	0.19	0.19	0.19	6.47	ppb
Thallium	205-1	0.22	0.19	0.19	0.20	8.13	ppb
Thorium	232-1	6.42	6.36	6.32	6.37	0.78	ppb
Tin	118-1	-0.03	-0.03	0.00	-0.02		ppb
Titanium	47-1	11.06	10.45	10.80	10.77	2.84	ppb
Uranium	238-1	1.66	1.59	1.61	1.62	2.07	ppb
Vanadium	51-2	30.82	30.40	30.42	30.55	0.77	ppb
Yttrium	89-1				102		%
Yttrium	89-2				106		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-13DLX5	Instrumnet Name :	P7
Client Sample ID :	DUP-0537-190709DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 18:43:00	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	60.26	60.66	60.77	60.56	0.44	ppb
Zirconium	90-1	13.59	13.19	13.17	13.32	1.75	ppb
Zirconium	91-1	13.89	14.02	13.84	13.92	0.67	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3757-01DLX5 Instrumnet Name : P7
 Client Sample ID : KY030OF002-SD-190710 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 18:46:37 DataFile Name : 083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13943.89	13973.76	13768.65	13895.44	0.80	ppb
Antimony	121-1	1.32	0.98	1.28	1.19	15.51	ppb
Arsenic	75-2	11.47	10.92	11.20	11.20	2.43	ppb
Barium	135-1	243.39	236.31	238.67	239.46	1.50	ppb
Barium	137-1	239.05	233.11	234.02	235.39	1.36	ppb
Beryllium	9-1	0.97	1.13	1.06	1.05	7.52	ppb
Bismuth	209-1				83		%
Bismuth	209-2				80		%
Boron	10-1	9.78	12.16	10.68	10.87	11.04	ppb
Boron	11-1	11.87	12.32	11.74	11.98	2.51	ppb
Cadmium	111-1	82.87	80.65	81.73	81.75	1.36	ppb
Cadmium	106-1	73.76	67.78	71.26	70.93	4.23	ppb
Cadmium	108-1	68.59	72.63	71.48	70.90	2.94	ppb
Calcium	43-1	237424.26	234965.95	234529.56	235639.92	0.66	ppb
Calcium	44-1	235952.82	234673.89	236896.60	235841.10	0.47	ppb
Chromium	52-2	598.92	598.90	597.99	598.60	0.09	ppb
Cobalt	59-2	13.95	13.44	13.32	13.57	2.47	ppb
Copper	63-2	247.70	245.01	243.18	245.30	0.93	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				91		%
Indium	115-1				90		%
Indium	115-2				98		%
Iron	56-2	23539.49	23241.06	22808.07	23196.20	1.59	ppb
Iron	57-2	24801.82	24755.89	24389.30	24649.00	0.92	ppb
Krypton	83-1						cps
Lead	206-1	1144.82	1123.23	1143.40	1137.15	1.06	ppb
Lead	207-1	1093.75	1085.62	1096.71	1092.03	0.53	ppb
Lead	208-1	1117.55	1105.53	1116.09	1113.06	0.59	ppb
Lithium	6-1				81		%
Magnesium	24-2	4773.42	4733.06	4679.90	4728.79	0.99	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3757-01DLX5 Instrumnet Name : P7
 Client Sample ID : KY0300F002-SD-190710 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 18:46:37 DataFile Name : 083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	472.41	472.09	466.49	470.33	0.71	ppb
Molybdenum	94-1	27.71	26.68	26.57	26.99	2.33	ppb
Molybdenum	95-1	1.67	1.64	1.70	1.67	1.84	ppb
Molybdenum	96-1	5.28	5.02	4.82	5.04	4.50	ppb
Molybdenum	97-1	1.85	1.91	2.01	1.92	4.30	ppb
Molybdenum	98-1	1.91	1.69	1.77	1.79	6.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	79.92	81.26	78.48	79.88	1.74	ppb
Phosphorus	31-2	3426.45	3653.98	3383.68	3488.04	4.17	ppb
Potassium	39-2	3302.45	3276.33	3273.32	3284.03	0.49	ppb
Rhodium	103-1				86		%
Rhodium	103-2				89		%
Scandium	45-1				85		%
Scandium	45-2				89		%
Selenium	77-2	17.30	22.94	22.62	20.95	15.11	ppb
Selenium	78-2	7.97	8.11	6.63	7.57	10.84	ppb
Selenium	82-1	1.50	1.47	1.85	1.61	13.17	ppb
Silicon	28-1	2447.17	2426.10	2424.81	2432.69	0.52	ppb
Silver	109-1	43.79	43.21	42.94	43.32	1.01	ppb
Silver	107-1	44.33	42.69	43.63	43.55	1.88	ppb
Sodium	23-2	374.62	367.42	361.62	367.89	1.77	ppb
Strontium	86-1	270.52	269.12	267.80	269.15	0.50	ppb
Strontium	88-1	276.72	281.60	281.13	279.81	0.96	ppb
Sulfur	34-1	9359.27	8958.20	8900.64	9072.70	2.75	ppb
Terbium	159-1				93		%
Terbium	159-2				92		%
Thallium	203-1	0.23	0.20	0.23	0.22	7.89	ppb
Thallium	205-1	0.16	0.18	0.21	0.18	12.67	ppb
Thorium	232-1	5.58	5.06	5.18	5.27	5.13	ppb
Tin	118-1	4.31	4.39	4.21	4.31	2.02	ppb
Titanium	47-1	27.63	28.45	27.29	27.79	2.15	ppb
Uranium	238-1	3.23	3.15	3.10	3.16	2.08	ppb
Vanadium	51-2	34.10	35.34	34.39	34.61	1.88	ppb
Yttrium	89-1				101		%
Yttrium	89-2				106		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3757-01DLX5	Instrumnet Name :	P7
Client Sample ID :	KY030OF002-SD-190710	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 18:46:37	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	513.42	513.94	511.36	512.91	0.27	ppb
Zirconium	90-1	16.58	16.18	16.48	16.41	1.29	ppb
Zirconium	91-1	17.94	17.91	17.55	17.80	1.22	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3757-02DLX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC006-SD-190710	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 18:50:14	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14621.52	14811.59	14688.57	14707.23	0.66	ppb
Antimony	121-1	0.04	0.05	0.03	0.04	23.79	ppb
Arsenic	75-2	5.65	6.21	6.44	6.10	6.70	ppb
Barium	135-1	169.27	164.88	164.44	166.20	1.61	ppb
Barium	137-1	162.11	160.83	161.25	161.40	0.40	ppb
Beryllium	9-1	1.30	1.23	1.26	1.26	2.77	ppb
Bismuth	209-1				82		%
Bismuth	209-2				79		%
Boron	10-1	7.77	7.80	6.67	7.42	8.70	ppb
Boron	11-1	7.95	7.75	7.51	7.74	2.84	ppb
Cadmium	111-1	0.49	1.02	0.91	0.81	35.09	ppb
Cadmium	106-1	2.89	7.79	7.92	6.20	46.28	ppb
Cadmium	108-1	2.39	1.91	2.63	2.31	16.02	ppb
Calcium	43-1	314275.65	318130.68	318866.08	317090.80	0.78	ppb
Calcium	44-1	318786.02	318363.17	317452.31	318200.50	0.21	ppb
Chromium	52-2	26.83	25.98	26.99	26.60	2.04	ppb
Cobalt	59-2	9.87	10.13	10.21	10.07	1.76	ppb
Copper	63-2	12.90	13.13	12.81	12.94	1.26	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				90		%
Holmium	165-2				91		%
Indium	115-1				89		%
Indium	115-2				95		%
Iron	56-2	20462.83	20605.51	20368.76	20479.03	0.58	ppb
Iron	57-2	22271.98	22720.81	22531.80	22508.20	1.00	ppb
Krypton	83-1						cps
Lead	206-1	19.34	18.86	18.34	18.85	2.65	ppb
Lead	207-1	17.51	17.05	17.49	17.35	1.48	ppb
Lead	208-1	18.14	17.65	17.59	17.80	1.69	ppb
Lithium	6-1				82		%
Magnesium	24-2	5590.44	5690.32	5649.26	5643.34	0.89	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3757-02DLX5 Instrumnet Name : P7
 Client Sample ID : KY030LC006-SD-190710 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 18:50:14 DataFile Name : 084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	500.95	498.60	501.26	500.27	0.29	ppb
Molybdenum	94-1	21.40	20.01	20.30	20.57	3.57	ppb
Molybdenum	95-1	0.22	0.20	0.24	0.22	9.03	ppb
Molybdenum	96-1	2.79	2.83	3.08	2.90	5.43	ppb
Molybdenum	97-1	0.17	0.20	0.21	0.20	9.97	ppb
Molybdenum	98-1	0.24	0.26	0.19	0.23	15.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.84	22.77	23.89	23.16	2.71	ppb
Phosphorus	31-2	2430.43	2507.22	2577.21	2504.95	2.93	ppb
Potassium	39-2	4098.52	4128.68	4083.48	4103.56	0.56	ppb
Rhodium	103-1				86		%
Rhodium	103-2				89		%
Scandium	45-1				87		%
Scandium	45-2				92		%
Selenium	77-2	33.01	25.65	30.47	29.71	12.58	ppb
Selenium	78-2	5.71	7.84	6.61	6.72	15.89	ppb
Selenium	82-1	0.43	0.53	1.22	0.73	59.30	ppb
Silicon	28-1	2711.50	2715.62	2736.84	2721.32	0.50	ppb
Silver	109-1	0.10	0.08	0.09	0.09	9.61	ppb
Silver	107-1	0.08	0.12	0.08	0.09	29.15	ppb
Sodium	23-2	291.11	299.46	294.59	295.05	1.42	ppb
Strontium	86-1	283.04	283.09	276.45	280.86	1.36	ppb
Strontium	88-1	293.63	294.37	294.26	294.08	0.14	ppb
Sulfur	34-1	1034.35	1100.51	1088.01	1074.29	3.27	ppb
Terbium	159-1				93		%
Terbium	159-2				92		%
Thallium	203-1	0.17	0.14	0.23	0.18	25.21	ppb
Thallium	205-1	0.17	0.18	0.21	0.19	10.61	ppb
Thorium	232-1	7.52	7.14	7.31	7.33	2.62	ppb
Tin	118-1	0.01	0.03	-0.01	0.01	265.22	ppb
Titanium	47-1	7.68	8.47	7.74	7.97	5.48	ppb
Uranium	238-1	1.81	1.82	1.79	1.80	1.03	ppb
Vanadium	51-2	29.62	29.94	30.05	29.87	0.75	ppb
Yttrium	89-1				103		%
Yttrium	89-2				107		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3757-02DLX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC006-SD-190710	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 18:50:14	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	55.36	56.30	56.49	56.05	1.08	ppb
Zirconium	90-1	13.44	13.25	13.05	13.25	1.49	ppb
Zirconium	91-1	14.27	13.68	13.32	13.76	3.50	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3757-03DLX5	Instrumnet Name :	P7
Client Sample ID :	DUP-0538-190710DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 18:53:53	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14228.53	14550.39	14476.99	14418.64	1.17	ppb
Antimony	121-1	0.04	0.02	0.04	0.03	28.11	ppb
Arsenic	75-2	7.80	7.65	7.88	7.78	1.51	ppb
Barium	135-1	159.68	158.00	156.92	158.20	0.88	ppb
Barium	137-1	158.45	156.96	155.53	156.98	0.93	ppb
Beryllium	9-1	1.17	1.18	1.25	1.20	3.57	ppb
Bismuth	209-1				82		%
Bismuth	209-2				79		%
Boron	10-1	8.90	8.00	9.62	8.84	9.15	ppb
Boron	11-1	9.01	9.43	9.40	9.28	2.53	ppb
Cadmium	111-1	0.81	0.75	0.77	0.78	4.27	ppb
Cadmium	106-1	6.28	5.37	5.88	5.84	7.87	ppb
Cadmium	108-1	2.60	2.29	3.09	2.66	15.15	ppb
Calcium	43-1	323344.34	322250.07	324143.48	323245.96	0.29	ppb
Calcium	44-1	322830.50	322766.88	324579.27	323392.22	0.32	ppb
Chromium	52-2	27.62	28.24	27.94	27.94	1.11	ppb
Cobalt	59-2	9.20	9.30	9.07	9.19	1.28	ppb
Copper	63-2	12.15	12.37	12.15	12.22	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				91		%
Indium	115-1				89		%
Indium	115-2				96		%
Iron	56-2	22357.48	22666.90	22436.47	22486.95	0.71	ppb
Iron	57-2	23820.42	24562.25	24417.20	24266.62	1.62	ppb
Krypton	83-1						cps
Lead	206-1	17.71	17.70	17.27	17.56	1.44	ppb
Lead	207-1	15.97	16.00	16.11	16.03	0.45	ppb
Lead	208-1	16.74	16.49	16.42	16.55	1.00	ppb
Lithium	6-1				83		%
Magnesium	24-2	5490.00	5639.23	5589.65	5572.96	1.36	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3757-03DLX5	Instrumnet Name :	P7
Client Sample ID :	DUP-0538-190710DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 18:53:53	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	605.24	624.18	619.54	616.32	1.60	ppb
Molybdenum	94-1	22.03	21.25	21.28	21.52	2.04	ppb
Molybdenum	95-1	0.23	0.13	0.21	0.19	28.11	ppb
Molybdenum	96-1	2.84	3.02	2.92	2.93	3.07	ppb
Molybdenum	97-1	0.30	0.31	0.16	0.26	33.91	ppb
Molybdenum	98-1	0.21	0.22	0.23	0.22	4.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	21.18	21.65	21.58	21.47	1.18	ppb
Phosphorus	31-2	2559.70	2666.64	2763.66	2663.33	3.83	ppb
Potassium	39-2	4050.87	4183.44	4123.33	4119.22	1.61	ppb
Rhodium	103-1				86		%
Rhodium	103-2				89		%
Scandium	45-1				87		%
Scandium	45-2				91		%
Selenium	77-2	30.65	24.50	25.80	26.98	12.01	ppb
Selenium	78-2	9.75	5.93	7.32	7.67	25.24	ppb
Selenium	82-1	1.09	1.23	1.01	1.11	9.95	ppb
Silicon	28-1	2785.25	2771.83	2802.79	2786.62	0.56	ppb
Silver	109-1	0.07	0.07	0.08	0.07	11.43	ppb
Silver	107-1	0.09	0.10	0.11	0.10	7.09	ppb
Sodium	23-2	290.97	298.79	290.92	293.56	1.54	ppb
Strontium	86-1	281.26	282.13	279.28	280.89	0.52	ppb
Strontium	88-1	295.18	293.68	292.56	293.81	0.45	ppb
Sulfur	34-1	709.92	622.60	743.72	692.08	9.03	ppb
Terbium	159-1				94		%
Terbium	159-2				91		%
Thallium	203-1	0.19	0.22	0.15	0.19	17.01	ppb
Thallium	205-1	0.15	0.18	0.21	0.18	15.12	ppb
Thorium	232-1	7.19	7.14	6.94	7.09	1.86	ppb
Tin	118-1	-0.04	0.04	-0.02	-0.01		ppb
Titanium	47-1	9.95	9.79	9.43	9.72	2.73	ppb
Uranium	238-1	1.94	1.87	1.96	1.92	2.56	ppb
Vanadium	51-2	34.96	35.72	34.86	35.18	1.33	ppb
Yttrium	89-1				103		%
Yttrium	89-2				107		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3757-03DLX5	Instrumnet Name :	P7
Client Sample ID :	DUP-0538-190710DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 18:53:53	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	55.53	56.22	56.15	55.97	0.68	ppb
Zirconium	90-1	13.82	13.84	13.58	13.74	1.06	ppb
Zirconium	91-1	14.45	14.20	14.38	14.34	0.91	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3783-01DLX5 Instrumnet Name : P7
 Client Sample ID : KY030LC011-SD-190711 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 18:57:32 DataFile Name : 086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16367.80	16236.30	16132.86	16245.65	0.72	ppb
Antimony	121-1	0.00	0.04	0.02	0.02	84.84	ppb
Arsenic	75-2	13.51	14.00	13.99	13.83	2.03	ppb
Barium	135-1	198.92	193.29	192.65	194.95	1.77	ppb
Barium	137-1	196.52	195.32	194.00	195.28	0.64	ppb
Beryllium	9-1	1.55	1.32	1.47	1.45	7.95	ppb
Bismuth	209-1				82		%
Bismuth	209-2				79		%
Boron	10-1	12.01	14.93	12.83	13.26	11.35	ppb
Boron	11-1	14.04	14.36	14.79	14.40	2.63	ppb
Cadmium	111-1	0.73	0.95	0.55	0.74	26.93	ppb
Cadmium	106-1	5.95	10.06	4.54	6.85	41.89	ppb
Cadmium	108-1	2.29	3.60	3.75	3.21	24.95	ppb
Calcium	43-1	326374.36	328525.93	331136.76	328679.02	0.73	ppb
Calcium	44-1	325763.32	331172.54	331288.41	329408.09	0.96	ppb
Chromium	52-2	44.39	43.91	43.82	44.04	0.69	ppb
Cobalt	59-2	7.17	7.39	6.95	7.17	3.09	ppb
Copper	63-2	11.04	11.26	11.31	11.20	1.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				91		%
Indium	115-1				89		%
Indium	115-2				96		%
Iron	56-2	32378.96	31883.07	31427.91	31896.65	1.49	ppb
Iron	57-2	33934.07	33622.43	33999.46	33851.99	0.60	ppb
Krypton	83-1						cps
Lead	206-1	21.59	20.67	20.56	20.94	2.69	ppb
Lead	207-1	19.08	18.94	18.78	18.93	0.79	ppb
Lead	208-1	20.20	19.73	19.74	19.89	1.34	ppb
Lithium	6-1				83		%
Magnesium	24-2	6761.24	6770.80	6771.65	6767.90	0.09	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3783-01DLX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC011-SD-190711	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 18:57:32	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	492.62	485.94	489.48	489.35	0.68	ppb
Molybdenum	94-1	21.52	21.29	21.13	21.31	0.91	ppb
Molybdenum	95-1	0.58	0.56	0.52	0.55	5.76	ppb
Molybdenum	96-1	3.48	3.26	3.27	3.33	3.74	ppb
Molybdenum	97-1	0.64	0.49	0.62	0.58	13.67	ppb
Molybdenum	98-1	0.58	0.64	0.50	0.57	11.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.43	19.24	19.28	19.32	0.53	ppb
Phosphorus	31-2	6709.37	6858.54	6905.52	6824.48	1.50	ppb
Potassium	39-2	5160.64	5205.78	5178.51	5181.64	0.44	ppb
Rhodium	103-1				86		%
Rhodium	103-2				89		%
Scandium	45-1				87		%
Scandium	45-2				92		%
Selenium	77-2	44.96	53.53	49.33	49.27	8.70	ppb
Selenium	78-2	14.51	12.26	8.78	11.85	24.36	ppb
Selenium	82-1	1.11	1.41	2.20	1.57	36.02	ppb
Silicon	28-1	2508.12	2513.00	2516.86	2512.66	0.17	ppb
Silver	109-1	0.04	0.04	0.04	0.04	5.80	ppb
Silver	107-1	0.06	0.08	0.09	0.08	20.35	ppb
Sodium	23-2	429.31	430.75	428.92	429.66	0.22	ppb
Strontium	86-1	288.24	284.68	283.59	285.50	0.85	ppb
Strontium	88-1	298.63	297.63	298.88	298.38	0.22	ppb
Sulfur	34-1	554.75	508.21	471.72	511.56	8.13	ppb
Terbium	159-1				93		%
Terbium	159-2				92		%
Thallium	203-1	0.17	0.18	0.14	0.16	14.53	ppb
Thallium	205-1	0.17	0.20	0.19	0.19	9.93	ppb
Thorium	232-1	8.44	8.36	8.23	8.34	1.31	ppb
Tin	118-1	0.04	0.02	0.11	0.06	79.30	ppb
Titanium	47-1	14.99	15.21	14.36	14.86	2.96	ppb
Uranium	238-1	3.50	3.41	3.25	3.38	3.75	ppb
Vanadium	51-2	41.13	41.83	41.77	41.58	0.93	ppb
Yttrium	89-1				114		%
Yttrium	89-2				119		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3783-01DLX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC011-SD-190711	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 18:57:32	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	61.04	60.13	61.24	60.80	0.97	ppb
Zirconium	90-1	13.58	13.67	13.65	13.63	0.36	ppb
Zirconium	91-1	14.08	13.94	14.03	14.02	0.49	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3783-02DLX5 Instrumnet Name : P7
 Client Sample ID : KY030LC015-SD-190711 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 19:01:11 DataFile Name : 087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12668.38	12768.85	12688.46	12708.57	0.42	ppb
Antimony	121-1	0.04	0.03	0.04	0.04	19.83	ppb
Arsenic	75-2	9.42	9.57	8.77	9.25	4.63	ppb
Barium	135-1	146.64	146.25	147.50	146.80	0.44	ppb
Barium	137-1	145.85	145.84	144.71	145.47	0.45	ppb
Beryllium	9-1	1.20	1.19	1.15	1.18	2.16	ppb
Bismuth	209-1				82		%
Bismuth	209-2				80		%
Boron	10-1	7.58	7.71	7.68	7.66	0.87	ppb
Boron	11-1	7.47	7.19	7.64	7.43	3.08	ppb
Cadmium	111-1	3.00	3.08	3.07	3.05	1.39	ppb
Cadmium	106-1	7.72	5.99	5.61	6.44	17.41	ppb
Cadmium	108-1	5.61	3.91	5.74	5.09	20.04	ppb
Calcium	43-1	295421.73	294420.01	293525.19	294455.64	0.32	ppb
Calcium	44-1	296103.31	294693.27	293954.53	294917.04	0.37	ppb
Chromium	52-2	35.29	34.71	35.41	35.14	1.07	ppb
Cobalt	59-2	9.54	9.45	9.39	9.46	0.77	ppb
Copper	63-2	20.38	20.00	20.26	20.21	0.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				90		%
Indium	115-1				90		%
Indium	115-2				97		%
Iron	56-2	19003.07	18659.44	18585.15	18749.22	1.19	ppb
Iron	57-2	20525.40	20544.68	20554.02	20541.37	0.07	ppb
Krypton	83-1						cps
Lead	206-1	136.93	137.54	137.48	137.31	0.24	ppb
Lead	207-1	130.62	127.10	129.17	128.96	1.37	ppb
Lead	208-1	132.73	130.65	130.87	131.42	0.87	ppb
Lithium	6-1				83		%
Magnesium	24-2	4916.36	4907.41	4867.67	4897.14	0.53	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3783-02DLX5 Instrumnet Name : P7
 Client Sample ID : KY030LC015-SD-190711 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 19:01:11 DataFile Name : 087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	363.91	364.66	366.57	365.05	0.38	ppb
Molybdenum	94-1	20.90	20.20	19.66	20.25	3.07	ppb
Molybdenum	95-1	0.25	0.26	0.23	0.25	5.39	ppb
Molybdenum	96-1	2.88	2.73	2.57	2.73	5.79	ppb
Molybdenum	97-1	0.25	0.24	0.30	0.27	11.00	ppb
Molybdenum	98-1	0.25	0.32	0.24	0.27	16.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.46	22.98	21.93	22.46	2.32	ppb
Phosphorus	31-2	2670.59	2764.67	2803.46	2746.24	2.49	ppb
Potassium	39-2	3520.83	3546.05	3552.61	3539.83	0.47	ppb
Rhodium	103-1				86		%
Rhodium	103-2				90		%
Scandium	45-1				88		%
Scandium	45-2				93		%
Selenium	77-2	27.82	32.14	40.48	33.48	19.22	ppb
Selenium	78-2	6.30	8.72	6.91	7.31	17.22	ppb
Selenium	82-1	1.50	1.91	1.90	1.77	13.38	ppb
Silicon	28-1	1922.49	1923.86	1932.64	1926.33	0.29	ppb
Silver	109-1	0.86	0.82	0.77	0.82	5.42	ppb
Silver	107-1	0.83	0.85	0.87	0.85	2.37	ppb
Sodium	23-2	280.08	277.75	282.76	280.20	0.90	ppb
Strontium	86-1	254.95	254.52	250.84	253.44	0.89	ppb
Strontium	88-1	263.63	267.44	263.97	265.01	0.79	ppb
Sulfur	34-1	2273.09	2145.76	2151.91	2190.25	3.28	ppb
Terbium	159-1				93		%
Terbium	159-2				92		%
Thallium	203-1	0.17	0.15	0.19	0.17	13.13	ppb
Thallium	205-1	0.21	0.20	0.19	0.20	5.29	ppb
Thorium	232-1	6.50	6.25	6.38	6.38	1.93	ppb
Tin	118-1	0.08	0.03	0.10	0.07	54.18	ppb
Titanium	47-1	8.13	7.83	8.05	8.00	1.92	ppb
Uranium	238-1	2.27	2.14	2.12	2.18	3.78	ppb
Vanadium	51-2	31.70	31.56	31.70	31.65	0.26	ppb
Yttrium	89-1				104		%
Yttrium	89-2				109		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3783-02DLX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC015-SD-190711	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 19:01:11	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	112.69	112.02	112.07	112.26	0.33	ppb
Zirconium	90-1	13.23	12.82	12.91	12.99	1.65	ppb
Zirconium	91-1	13.59	13.78	12.77	13.38	4.03	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3783-03DLX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC018-SD-190711	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 19:04:50	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6639.59	6675.76	6732.88	6682.74	0.70	ppb
Antimony	121-1	0.04	0.05	0.02	0.04	33.43	ppb
Arsenic	75-2	6.84	6.56	5.82	6.40	8.25	ppb
Barium	135-1	72.02	71.28	72.94	72.08	1.15	ppb
Barium	137-1	70.53	70.62	68.49	69.88	1.72	ppb
Beryllium	9-1	0.58	0.67	0.63	0.63	7.60	ppb
Bismuth	209-1				83		%
Bismuth	209-2				81		%
Boron	10-1	9.78	9.45	9.19	9.48	3.12	ppb
Boron	11-1	9.86	10.50	10.33	10.23	3.22	ppb
Cadmium	111-1	0.80	0.35	0.38	0.51	49.01	ppb
Cadmium	106-1	5.86	2.54	1.39	3.27	71.05	ppb
Cadmium	108-1	2.00	1.91	2.28	2.06	9.27	ppb
Calcium	43-1	229721.32	230451.83	230386.85	230186.67	0.18	ppb
Calcium	44-1	231281.38	232126.25	230909.82	231439.15	0.27	ppb
Chromium	52-2	21.62	22.08	21.48	21.73	1.45	ppb
Cobalt	59-2	6.07	5.87	5.85	5.93	2.05	ppb
Copper	63-2	9.28	8.95	9.43	9.22	2.68	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				92		%
Indium	115-1				90		%
Indium	115-2				98		%
Iron	56-2	11788.82	11742.88	11613.34	11715.02	0.78	ppb
Iron	57-2	12961.54	13200.22	12955.01	13038.92	1.07	ppb
Krypton	83-1						cps
Lead	206-1	19.33	19.76	19.60	19.56	1.12	ppb
Lead	207-1	18.22	19.16	17.86	18.41	3.64	ppb
Lead	208-1	18.86	18.84	18.72	18.81	0.40	ppb
Lithium	6-1				83		%
Magnesium	24-2	2886.64	2901.62	2872.28	2886.85	0.51	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3783-03DLX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC018-SD-190711	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 19:04:50	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	194.10	196.20	194.10	194.80	0.62	ppb
Molybdenum	94-1	14.51	13.94	13.82	14.09	2.64	ppb
Molybdenum	95-1	0.34	0.47	0.37	0.40	16.97	ppb
Molybdenum	96-1	2.04	1.98	2.07	2.03	2.22	ppb
Molybdenum	97-1	0.35	0.38	0.23	0.32	24.18	ppb
Molybdenum	98-1	0.34	0.33	0.28	0.32	10.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.88	11.20	10.87	10.98	1.73	ppb
Phosphorus	31-2	3588.76	3726.55	3678.91	3664.74	1.91	ppb
Potassium	39-2	2317.19	2344.15	2310.13	2323.82	0.77	ppb
Rhodium	103-1				88		%
Rhodium	103-2				92		%
Scandium	45-1				87		%
Scandium	45-2				93		%
Selenium	77-2	18.93	23.70	21.57	21.40	11.17	ppb
Selenium	78-2	8.58	7.14	5.68	7.13	20.33	ppb
Selenium	82-1	1.45	1.72	0.71	1.29	40.65	ppb
Silicon	28-1	530.15	525.14	519.63	524.97	1.00	ppb
Silver	109-1	0.11	0.11	0.10	0.11	4.92	ppb
Silver	107-1	0.10	0.12	0.11	0.11	10.04	ppb
Sodium	23-2	273.08	280.14	280.07	277.76	1.46	ppb
Strontium	86-1	220.12	213.20	210.43	214.58	2.33	ppb
Strontium	88-1	224.93	222.87	224.45	224.08	0.48	ppb
Sulfur	34-1	4822.48	4780.07	4579.10	4727.22	2.75	ppb
Terbium	159-1				93		%
Terbium	159-2				93		%
Thallium	203-1	0.12	0.13	0.14	0.13	6.88	ppb
Thallium	205-1	0.09	0.12	0.07	0.09	29.47	ppb
Thorium	232-1	3.48	3.52	3.61	3.54	1.78	ppb
Tin	118-1	0.03	0.05	0.13	0.07	80.44	ppb
Titanium	47-1	6.61	6.92	7.40	6.97	5.71	ppb
Uranium	238-1	2.32	2.24	2.18	2.25	2.96	ppb
Vanadium	51-2	26.37	25.43	26.06	25.95	1.85	ppb
Yttrium	89-1				105		%
Yttrium	89-2				111		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3783-03DLX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC018-SD-190711	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 19:04:50	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	50.47	51.73	49.97	50.72	1.78	ppb
Zirconium	90-1	8.95	8.98	9.16	9.03	1.28	ppb
Zirconium	91-1	9.22	8.95	9.17	9.11	1.60	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P7
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:10:38	DataFile Name :	089CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51663.14	50885.21	50613.85	51054.07	1.07	ppb
Antimony	121-1	510.09	505.23	510.96	508.76	0.61	ppb
Arsenic	75-2	515.99	513.03	517.15	515.39	0.41	ppb
Barium	135-1	2516.62	2472.01	2511.29	2499.98	0.97	ppb
Barium	137-1	2545.99	2547.69	2558.90	2550.86	0.27	ppb
Beryllium	9-1	511.01	512.33	516.82	513.39	0.59	ppb
Bismuth	209-1				73		%
Bismuth	209-2				74		%
Boron	10-1	469.19	484.03	491.07	481.43	2.32	ppb
Boron	11-1	472.03	470.15	481.63	474.61	1.30	ppb
Cadmium	111-1	507.40	509.72	520.64	512.59	1.38	ppb
Cadmium	106-1	526.25	519.38	519.32	521.65	0.76	ppb
Cadmium	108-1	538.75	523.41	527.49	529.88	1.50	ppb
Calcium	43-1	243137.76	243489.37	233021.03	239882.72	2.48	ppb
Calcium	44-1	242709.27	245235.41	233348.72	240431.13	2.60	ppb
Chromium	52-2	501.98	504.87	501.48	502.78	0.36	ppb
Cobalt	59-2	494.47	494.11	498.47	495.68	0.49	ppb
Copper	63-2	1012.57	1016.92	1023.95	1017.81	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				87		%
Holmium	165-2				89		%
Indium	115-1				82		%
Indium	115-2				92		%
Iron	56-2	128384.73	128299.73	127029.24	127904.57	0.59	ppb
Iron	57-2	128557.76	127530.16	127606.16	127898.03	0.45	ppb
Krypton	83-1						cps
Lead	206-1	504.82	495.92	506.90	502.55	1.16	ppb
Lead	207-1	508.46	504.71	507.38	506.85	0.38	ppb
Lead	208-1	509.51	508.01	512.48	510.00	0.45	ppb
Lithium	6-1				77		%
Magnesium	24-2	239691.88	236530.78	236581.83	237601.50	0.76	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P7
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:10:38	DataFile Name :	089CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1008.97	1028.24	1018.94	1018.72	0.95	ppb
Molybdenum	94-1	2494.26	2442.90	2501.09	2479.41	1.28	ppb
Molybdenum	95-1	2498.13	2457.43	2496.11	2483.89	0.92	ppb
Molybdenum	96-1	2485.77	2472.67	2498.85	2485.76	0.53	ppb
Molybdenum	97-1	2468.50	2465.21	2481.85	2471.85	0.36	ppb
Molybdenum	98-1	2470.03	2462.11	2482.72	2471.62	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.84	508.77	509.95	508.52	0.31	ppb
Phosphorus	31-2	10101.75	9616.57	9907.16	9875.16	2.47	ppb
Potassium	39-2	123682.66	121978.94	120595.55	122085.72	1.27	ppb
Rhodium	103-1				79		%
Rhodium	103-2				85		%
Scandium	45-1				80		%
Scandium	45-2				89		%
Selenium	77-2	477.52	478.73	465.85	474.04	1.50	ppb
Selenium	78-2	508.12	488.83	505.06	500.67	2.07	ppb
Selenium	82-1	480.26	464.17	479.03	474.49	1.89	ppb
Silicon	28-1	486.46	486.47	466.12	479.69	2.45	ppb
Silver	109-1	530.86	519.42	528.08	526.12	1.13	ppb
Silver	107-1	528.10	516.44	529.13	524.56	1.34	ppb
Sodium	23-2	238362.85	235498.70	235108.13	236323.23	0.75	ppb
Strontium	86-1	531.87	525.09	525.67	527.54	0.71	ppb
Strontium	88-1	547.44	537.33	546.45	543.74	1.03	ppb
Sulfur	34-1	10934.56	11030.31	9934.30	10633.06	5.71	ppb
Terbium	159-1				89		%
Terbium	159-2				91		%
Thallium	203-1	505.74	492.12	506.74	501.53	1.63	ppb
Thallium	205-1	517.83	516.49	530.13	521.48	1.44	ppb
Thorium	232-1	522.16	521.31	530.36	524.61	0.95	ppb
Tin	118-1	496.21	491.86	494.89	494.32	0.45	ppb
Titanium	47-1	2530.83	2519.64	2395.47	2481.98	3.03	ppb
Uranium	238-1	520.14	518.65	521.88	520.22	0.31	ppb
Vanadium	51-2	501.15	508.23	500.95	503.44	0.82	ppb
Yttrium	89-1				88		%
Yttrium	89-2				95		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P7
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:10:38	DataFile Name :	089CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1019.88	1021.48	1014.74	1018.70	0.35	ppb
Zirconium	90-1	495.57	491.26	499.02	495.28	0.79	ppb
Zirconium	91-1	493.36	483.50	489.60	488.82	1.02	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P7
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:20:45	DataFile Name :	090CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.24	-0.03	-0.03	-0.10		ppb
Antimony	121-1	0.11	0.13	0.15	0.13	14.45	ppb
Arsenic	75-2	-0.02	0.00	-0.02	-0.01		ppb
Barium	135-1	0.02	0.02	0.02	0.02	1.60	ppb
Barium	137-1	0.02	0.00	-0.01	0.00	972.17	ppb
Beryllium	9-1	0.01	0.04	0.05	0.03	59.73	ppb
Bismuth	209-1				86		%
Bismuth	209-2				83		%
Boron	10-1	5.86	4.83	5.14	5.28	10.00	ppb
Boron	11-1	5.15	4.13	4.17	4.48	12.92	ppb
Cadmium	111-1	-0.12	-0.24	-0.02	-0.13		ppb
Cadmium	106-1	-1.60	-3.05	-0.20	-1.61		ppb
Cadmium	108-1	-0.13	-0.02	0.08	-0.02		ppb
Calcium	43-1	-3.10	2.84	-0.13	-0.13		ppb
Calcium	44-1	-2.08	-2.58	-2.98	-2.54		ppb
Chromium	52-2	-0.12	0.01	-0.03	-0.04		ppb
Cobalt	59-2	0.01	-0.01	0.01	0.00	217.65	ppb
Copper	63-2	0.03	-0.02	-0.01	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				90		%
Indium	115-1				92		%
Indium	115-2				99		%
Iron	56-2	0.89	1.14	0.94	0.99	13.74	ppb
Iron	57-2	4.21	2.98	3.56	3.59	17.13	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.00	0.01	0.02	121.69	ppb
Lead	207-1	0.03	0.03	0.01	0.02	43.60	ppb
Lead	208-1	0.03	0.01	0.02	0.02	45.58	ppb
Lithium	6-1				82		%
Magnesium	24-2	2.77	1.56	1.63	1.99	34.37	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P7
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:20:45	DataFile Name :	090CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	-0.01	0.01	0.00		ppb
Molybdenum	94-1	0.03	0.07	0.02	0.04	65.57	ppb
Molybdenum	95-1	0.03	0.06	0.04	0.04	28.03	ppb
Molybdenum	96-1	0.09	0.05	0.04	0.06	41.08	ppb
Molybdenum	97-1	0.06	0.05	0.04	0.05	18.26	ppb
Molybdenum	98-1	0.08	0.07	0.05	0.07	20.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.01	-0.02	-0.02		ppb
Phosphorus	31-2	-60.59	-39.31	-29.31	-43.07		ppb
Potassium	39-2	3.93	11.94	6.16	7.35	56.29	ppb
Rhodium	103-1				92		%
Rhodium	103-2				95		%
Scandium	45-1				88		%
Scandium	45-2				92		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.38	1.51	-0.39	0.25	443.33	ppb
Selenium	82-1	-0.12	-0.35	-0.98	-0.48		ppb
Silicon	28-1	-1.57	-1.46	-1.29	-1.44		ppb
Silver	109-1	0.01	-0.01	-0.01	0.00		ppb
Silver	107-1	-0.01	0.00	0.01	0.00	960.99	ppb
Sodium	23-2	-4.78	-4.90	-5.50	-5.06		ppb
Strontium	86-1	-0.05	0.05	-0.01	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	3692.91	ppb
Sulfur	34-1	-1233.70	-1042.62	-1008.46	-1094.93		ppb
Terbium	159-1				93		%
Terbium	159-2				91		%
Thallium	203-1	0.00	-0.01	0.01	0.00	881.51	ppb
Thallium	205-1	-0.01	0.01	-0.01	0.00		ppb
Thorium	232-1	0.01	0.02	0.02	0.02	7.48	ppb
Tin	118-1	-0.08	-0.10	-0.10	-0.09		ppb
Titanium	47-1	0.01	0.04	0.07	0.04	86.68	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.02	0.00	0.00	0.00	387.16	ppb
Yttrium	89-1				94		%
Yttrium	89-2				98		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P7
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:20:45	DataFile Name :	090CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.15	0.42	0.09	0.12	243.48	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	33.99	ppb
Zirconium	91-1	0.01	0.00	-0.04	-0.01		ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : PB121232BL Instrumnet Name : P7
 Client Sample ID : PB121232BL Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 19:29:47 DataFile Name : 092CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.06	0.32	0.58	0.32	79.92	ppb
Antimony	121-1	0.05	0.05	0.06	0.05	10.87	ppb
Arsenic	75-2	0.06	0.03	-0.02	0.02	177.11	ppb
Barium	135-1	-0.02	-0.02	-0.02	-0.02		ppb
Barium	137-1	-0.01	-0.02	0.01	-0.01		ppb
Beryllium	9-1	0.04	0.01	0.00	0.02	103.38	ppb
Bismuth	209-1				76		%
Bismuth	209-2				70		%
Boron	10-1	2.89	2.48	2.59	2.65	8.03	ppb
Boron	11-1	2.08	2.23	2.42	2.24	7.49	ppb
Cadmium	111-1	-0.07	-0.11	-0.13	-0.11		ppb
Cadmium	106-1	-1.22	-1.52	-1.94	-1.56		ppb
Cadmium	108-1	-0.01	0.09	-0.01	0.02	243.90	ppb
Calcium	43-1	-1.57	-2.64	-1.42	-1.88		ppb
Calcium	44-1	2.04	-2.99	-0.54	-0.49		ppb
Chromium	52-2	0.11	0.04	0.03	0.06	82.65	ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	0.92	0.80	0.77	0.83	9.71	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				81		%
Holmium	165-2				76		%
Indium	115-1				81		%
Indium	115-2				82		%
Iron	56-2	0.84	0.60	0.64	0.69	18.48	ppb
Iron	57-2	4.53	0.87	5.39	3.59	66.84	ppb
Krypton	83-1						cps
Lead	206-1	0.37	0.36	0.36	0.36	2.11	ppb
Lead	207-1	0.35	0.20	0.31	0.28	27.59	ppb
Lead	208-1	0.33	0.28	0.30	0.30	9.12	ppb
Lithium	6-1				73		%
Magnesium	24-2	0.77	0.33	0.55	0.55	39.40	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	PB121232BL	Instrumnet Name :	P7
Client Sample ID :	PB121232BL	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:29:47	DataFile Name :	092CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	-0.02	0.01	0.00		ppb
Molybdenum	94-1	0.01	0.04	0.01	0.02	109.04	ppb
Molybdenum	95-1	0.01	0.00	-0.01	0.00		ppb
Molybdenum	96-1	-0.01	0.00	0.01	0.00		ppb
Molybdenum	97-1	0.02	-0.02	0.01	0.00	455.37	ppb
Molybdenum	98-1	0.00	0.01	0.00	0.00	138.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	-0.04	-0.02		ppb
Phosphorus	31-2	-35.92	-44.33	-52.93	-44.39		ppb
Potassium	39-2	71.51	66.65	65.28	67.81	4.83	ppb
Rhodium	103-1				81		%
Rhodium	103-2				80		%
Scandium	45-1				73		%
Scandium	45-2				74		%
Selenium	77-2	0.00	0.00	1.51	0.50	173.21	ppb
Selenium	78-2	1.96	-0.32	1.25	0.96	121.21	ppb
Selenium	82-1	0.30	0.28	-0.03	0.18	102.42	ppb
Silicon	28-1	3.28	1.42	3.16	2.62	39.66	ppb
Silver	109-1	0.11	0.12	0.12	0.12	4.04	ppb
Silver	107-1	0.09	0.13	0.08	0.10	25.39	ppb
Sodium	23-2	116.24	113.39	108.42	112.68	3.51	ppb
Strontium	86-1	0.01	0.03	0.03	0.02	61.12	ppb
Strontium	88-1	0.01	0.01	0.00	0.01	125.90	ppb
Sulfur	34-1	1080.41	319.44	921.48	773.78	51.88	ppb
Terbium	159-1				83		%
Terbium	159-2				78		%
Thallium	203-1	0.01	-0.01	0.01	0.01	212.08	ppb
Thallium	205-1	0.00	-0.01	-0.01	-0.01		ppb
Thorium	232-1	0.00	0.00	0.00	0.00	42.02	ppb
Tin	118-1	-0.06	-0.03	-0.07	-0.05		ppb
Titanium	47-1	0.04	-0.02	0.15	0.06	149.67	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	29.84	ppb
Yttrium	89-1				82		%
Yttrium	89-2				80		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	PB121232BL	Instrumnet Name :	P7
Client Sample ID :	PB121232BL	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:29:47	DataFile Name :	092CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.33	0.34	0.47	0.38	20.54	ppb
Zirconium	90-1	0.00	0.01	0.02	0.01	78.54	ppb
Zirconium	91-1	-0.03	-0.03	-0.05	-0.03		ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	PB121232BS	Instrumnet Name :	P7
Client Sample ID :	PB121232BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:33:23	DataFile Name :	093LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9675.07	9942.37	9935.56	9851.00	1.55	ppb
Antimony	121-1	507.03	501.77	505.66	504.82	0.54	ppb
Arsenic	75-2	495.81	510.16	502.33	502.77	1.43	ppb
Barium	135-1	2510.08	2447.12	2479.96	2479.05	1.27	ppb
Barium	137-1	2555.90	2535.92	2533.73	2541.85	0.48	ppb
Beryllium	9-1	496.21	495.22	495.83	495.75	0.10	ppb
Bismuth	209-1				79		%
Bismuth	209-2				75		%
Boron	10-1	461.33	461.62	469.76	464.24	1.03	ppb
Boron	11-1	457.98	469.13	464.35	463.82	1.21	ppb
Cadmium	111-1	489.48	482.56	483.45	485.16	0.78	ppb
Cadmium	106-1	486.90	474.38	487.79	483.03	1.55	ppb
Cadmium	108-1	508.99	506.21	503.76	506.32	0.52	ppb
Calcium	43-1	48932.84	49597.33	49049.05	49193.07	0.72	ppb
Calcium	44-1	49874.85	50372.84	50288.28	50178.65	0.53	ppb
Chromium	52-2	500.93	515.05	507.63	507.87	1.39	ppb
Cobalt	59-2	513.67	528.93	516.47	519.69	1.56	ppb
Copper	63-2	1028.60	1056.35	1035.66	1040.20	1.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				87		%
Holmium	165-2				85		%
Indium	115-1				83		%
Indium	115-2				87		%
Iron	56-2	26514.70	26899.20	26493.24	26635.71	0.86	ppb
Iron	57-2	26965.45	27998.73	27491.86	27485.35	1.88	ppb
Krypton	83-1						cps
Lead	206-1	488.18	478.75	475.29	480.74	1.39	ppb
Lead	207-1	490.78	481.18	475.85	482.60	1.57	ppb
Lead	208-1	490.39	484.96	481.73	485.70	0.90	ppb
Lithium	6-1				73		%
Magnesium	24-2	48936.45	50063.94	48976.27	49325.55	1.30	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	PB121232BS	Instrumnet Name :	P7
Client Sample ID :	PB121232BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:33:23	DataFile Name :	093LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1029.60	1059.05	1041.13	1043.26	1.42	ppb
Molybdenum	94-1	2450.64	2457.59	2474.61	2460.94	0.50	ppb
Molybdenum	95-1	2456.13	2444.28	2465.22	2455.21	0.43	ppb
Molybdenum	96-1	2450.77	2456.79	2480.02	2462.53	0.63	ppb
Molybdenum	97-1	2468.81	2448.47	2477.00	2464.76	0.60	ppb
Molybdenum	98-1	2453.98	2458.22	2476.07	2462.76	0.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.96	527.78	512.20	514.65	2.35	ppb
Phosphorus	31-2	9533.25	9264.12	9782.25	9526.54	2.72	ppb
Potassium	39-2	23925.96	24496.00	24353.17	24258.38	1.22	ppb
Rhodium	103-1				80		%
Rhodium	103-2				83		%
Scandium	45-1				74		%
Scandium	45-2				78		%
Selenium	77-2	514.37	533.48	481.62	509.82	5.14	ppb
Selenium	78-2	515.68	514.10	493.87	507.88	2.39	ppb
Selenium	82-1	500.87	490.97	482.06	491.30	1.91	ppb
Silicon	28-1	487.69	485.93	489.16	487.59	0.33	ppb
Silver	109-1	500.24	489.04	488.19	492.49	1.37	ppb
Silver	107-1	491.63	492.27	486.76	490.22	0.61	ppb
Sodium	23-2	48544.41	49542.77	49012.65	49033.27	1.02	ppb
Strontium	86-1	486.61	481.42	484.15	484.06	0.54	ppb
Strontium	88-1	494.39	496.11	496.21	495.57	0.21	ppb
Sulfur	34-1	10727.06	10276.73	10353.59	10452.46	2.30	ppb
Terbium	159-1				89		%
Terbium	159-2				85		%
Thallium	203-1	484.10	474.24	474.28	477.54	1.19	ppb
Thallium	205-1	497.03	493.12	493.64	494.60	0.43	ppb
Thorium	232-1	479.47	477.61	481.89	479.65	0.45	ppb
Tin	118-1	504.64	496.03	499.67	500.11	0.86	ppb
Titanium	47-1	2501.61	2482.51	2491.74	2491.96	0.38	ppb
Uranium	238-1	477.92	476.01	479.37	477.76	0.35	ppb
Vanadium	51-2	497.67	512.98	505.33	505.33	1.51	ppb
Yttrium	89-1				85		%
Yttrium	89-2				86		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	PB121232BS	Instrumnet Name :	P7
Client Sample ID :	PB121232BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:33:23	DataFile Name :	093LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1020.32	1046.30	1041.22	1035.95	1.33	ppb
Zirconium	90-1	490.60	488.73	490.17	489.83	0.20	ppb
Zirconium	91-1	484.24	477.22	486.98	482.81	1.04	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-04	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:37:00	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.32	33.73	28.54	29.20	14.52	ppb
Antimony	121-1	1.79	1.63	1.45	1.62	10.49	ppb
Arsenic	75-2	26.86	26.65	27.87	27.12	2.42	ppb
Barium	135-1	179.95	172.02	171.56	174.51	2.70	ppb
Barium	137-1	172.52	172.91	171.63	172.35	0.38	ppb
Beryllium	9-1	0.07	0.05	0.06	0.06	17.78	ppb
Bismuth	209-1				88		%
Bismuth	209-2				79		%
Boron	10-1	40.27	38.32	38.15	38.91	3.03	ppb
Boron	11-1	40.10	38.34	38.06	38.83	2.84	ppb
Cadmium	111-1	0.12	0.10	-0.21	0.00	5429.47	ppb
Cadmium	106-1	-0.86	-1.48	-4.29	-2.21		ppb
Cadmium	108-1	0.67	0.26	0.55	0.49	42.38	ppb
Calcium	43-1	166149.15	164837.14	165134.40	165373.56	0.42	ppb
Calcium	44-1	172816.82	173324.71	175868.35	174003.29	0.94	ppb
Chromium	52-2	2.33	2.20	2.02	2.18	7.23	ppb
Cobalt	59-2	5.35	5.19	5.36	5.30	1.86	ppb
Copper	63-2	6.98	6.93	6.68	6.86	2.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				88		%
Indium	115-1				92		%
Indium	115-2				91		%
Iron	56-2	12184.00	12059.97	11887.80	12043.92	1.24	ppb
Iron	57-2	13241.23	13291.29	13168.51	13233.68	0.47	ppb
Krypton	83-1						cps
Lead	206-1	1.07	0.99	1.07	1.04	4.23	ppb
Lead	207-1	0.93	0.94	0.92	0.93	1.19	ppb
Lead	208-1	1.00	1.01	0.99	1.00	1.31	ppb
Lithium	6-1				93		%
Magnesium	24-2	17775.99	17556.99	17595.87	17642.95	0.66	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-04	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:37:00	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2370.32	2382.28	2373.88	2375.49	0.26	ppb
Molybdenum	94-1	2.41	2.33	2.23	2.32	3.72	ppb
Molybdenum	95-1	1.21	0.94	1.03	1.06	12.96	ppb
Molybdenum	96-1	1.43	1.07	0.99	1.16	20.29	ppb
Molybdenum	97-1	1.03	0.81	0.91	0.92	11.66	ppb
Molybdenum	98-1	1.03	0.91	0.85	0.93	9.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.07	4.83	5.43	5.11	5.95	ppb
Phosphorus	31-2	-32.15	-40.34	-44.38	-38.96		ppb
Potassium	39-2	2083.98	2072.85	2025.18	2060.67	1.52	ppb
Rhodium	103-1				88		%
Rhodium	103-2				90		%
Scandium	45-1				82		%
Scandium	45-2				84		%
Selenium	77-2	1.35	1.33	1.31	1.33	1.30	ppb
Selenium	78-2	0.91	0.42	0.16	0.50	75.92	ppb
Selenium	82-1	-0.04	-0.19	0.36	0.04	687.53	ppb
Silicon	28-1	8701.11	8819.45	8845.22	8788.59	0.87	ppb
Silver	109-1	0.96	0.91	0.90	0.92	3.26	ppb
Silver	107-1	0.93	0.81	0.81	0.85	7.81	ppb
Sodium	23-2	3757.64	3744.55	3712.44	3738.21	0.62	ppb
Strontium	86-1	992.13	976.01	985.65	984.60	0.82	ppb
Strontium	88-1	1039.39	1035.35	1048.55	1041.10	0.65	ppb
Sulfur	34-1	4325.19	4276.05	4476.64	4359.29	2.40	ppb
Terbium	159-1				97		%
Terbium	159-2				90		%
Thallium	203-1	0.29	0.15	0.12	0.19	50.03	ppb
Thallium	205-1	0.31	0.18	0.14	0.21	42.58	ppb
Thorium	232-1	0.21	0.21	0.17	0.20	9.68	ppb
Tin	118-1	1.17	1.39	1.31	1.29	8.64	ppb
Titanium	47-1	1.74	1.54	1.39	1.56	11.17	ppb
Uranium	238-1	1.19	1.24	1.26	1.23	3.02	ppb
Vanadium	51-2	0.46	0.48	0.40	0.44	8.51	ppb
Yttrium	89-1				93		%
Yttrium	89-2				91		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-04	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:37:00	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	21.38	19.78	20.58	20.58	3.89	ppb
Zirconium	90-1	1.04	1.05	0.96	1.02	4.57	ppb
Zirconium	91-1	0.97	1.05	0.91	0.98	6.79	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-04DUP	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:40:37	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26.61	27.45	27.22	27.09	1.61	ppb
Antimony	121-1	0.76	0.98	0.79	0.84	13.65	ppb
Arsenic	75-2	27.89	26.43	25.68	26.66	4.22	ppb
Barium	135-1	176.34	179.10	173.59	176.35	1.56	ppb
Barium	137-1	170.51	178.47	175.07	174.68	2.29	ppb
Beryllium	9-1	0.05	0.04	0.04	0.04	21.05	ppb
Bismuth	209-1				90		%
Bismuth	209-2				79		%
Boron	10-1	31.54	30.30	32.44	31.43	3.42	ppb
Boron	11-1	29.48	30.86	30.39	30.24	2.31	ppb
Cadmium	111-1	0.06	-0.22	-0.21	-0.12		ppb
Cadmium	106-1	-1.09	-4.12	-4.54	-3.25		ppb
Cadmium	108-1	0.16	0.07	0.35	0.19	74.99	ppb
Calcium	43-1	162720.74	169361.81	166200.91	166094.48	2.00	ppb
Calcium	44-1	171203.48	177910.40	174707.41	174607.10	1.92	ppb
Chromium	52-2	1.74	1.91	1.82	1.82	4.56	ppb
Cobalt	59-2	5.34	5.26	5.55	5.38	2.82	ppb
Copper	63-2	5.87	5.43	5.06	5.46	7.41	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				96		%
Holmium	165-2				88		%
Indium	115-1				93		%
Indium	115-2				90		%
Iron	56-2	12258.68	11996.77	12042.06	12099.17	1.16	ppb
Iron	57-2	13301.44	13113.95	13308.17	13241.19	0.83	ppb
Krypton	83-1						cps
Lead	206-1	0.76	0.78	0.78	0.77	1.40	ppb
Lead	207-1	0.79	0.81	0.71	0.77	6.59	ppb
Lead	208-1	0.76	0.78	0.78	0.77	1.61	ppb
Lithium	6-1				90		%
Magnesium	24-2	17784.41	17474.84	17410.22	17556.49	1.14	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-04DUP	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:40:37	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2391.86	2363.34	2375.04	2376.74	0.60	ppb
Molybdenum	94-1	1.82	1.96	1.91	1.90	3.73	ppb
Molybdenum	95-1	0.57	0.61	0.60	0.59	3.67	ppb
Molybdenum	96-1	0.75	0.87	0.85	0.82	7.87	ppb
Molybdenum	97-1	0.78	0.53	0.62	0.65	19.28	ppb
Molybdenum	98-1	0.63	0.63	0.57	0.61	5.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.73	4.72	5.11	4.85	4.60	ppb
Phosphorus	31-2	-51.06	-35.89	-35.58	-40.84		ppb
Potassium	39-2	2031.82	1974.11	2010.43	2005.45	1.45	ppb
Rhodium	103-1				89		%
Rhodium	103-2				89		%
Scandium	45-1				82		%
Scandium	45-2				82		%
Selenium	77-2	8.04	1.33	4.00	4.46	75.79	ppb
Selenium	78-2	1.80	1.33	2.23	1.79	25.14	ppb
Selenium	82-1	-0.12	-0.07	0.38	0.06	451.93	ppb
Silicon	28-1	8573.08	8921.39	8817.04	8770.50	2.04	ppb
Silver	109-1	0.41	0.51	0.46	0.46	11.01	ppb
Silver	107-1	0.50	0.49	0.55	0.51	5.85	ppb
Sodium	23-2	3669.02	3655.14	3669.19	3664.45	0.22	ppb
Strontium	86-1	976.14	1007.28	989.28	990.90	1.58	ppb
Strontium	88-1	1026.00	1064.67	1045.31	1045.33	1.85	ppb
Sulfur	34-1	4080.93	4596.49	4132.28	4269.90	6.65	ppb
Terbium	159-1				98		%
Terbium	159-2				90		%
Thallium	203-1	0.03	0.03	0.04	0.03	15.95	ppb
Thallium	205-1	-0.01	0.00	-0.01	0.00		ppb
Thorium	232-1	0.06	0.07	0.06	0.07	5.88	ppb
Tin	118-1	1.06	1.24	1.10	1.14	8.29	ppb
Titanium	47-1	1.71	1.42	1.30	1.48	14.25	ppb
Uranium	238-1	1.14	1.21	1.13	1.16	3.54	ppb
Vanadium	51-2	0.47	0.41	0.40	0.43	9.28	ppb
Yttrium	89-1				94		%
Yttrium	89-2				90		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-04DUP	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:40:37	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	19.42	17.35	17.10	17.96	7.10	ppb
Zirconium	90-1	0.99	1.16	1.05	1.07	8.10	ppb
Zirconium	91-1	0.91	1.02	1.16	1.03	12.05	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-04LX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 19:44:13	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.62	4.25	3.34	4.41	26.04	ppb
Antimony	121-1	0.24	0.26	0.31	0.27	11.94	ppb
Arsenic	75-2	5.42	5.31	4.87	5.20	5.59	ppb
Barium	135-1	34.57	35.92	34.57	35.02	2.22	ppb
Barium	137-1	33.35	34.48	33.86	33.89	1.67	ppb
Beryllium	9-1	0.05	0.06	0.03	0.05	23.58	ppb
Bismuth	209-1				94		%
Bismuth	209-2				85		%
Boron	10-1	10.43	10.44	10.60	10.49	0.94	ppb
Boron	11-1	11.01	10.83	10.78	10.87	1.13	ppb
Cadmium	111-1	-0.23	0.19	-0.16	-0.07		ppb
Cadmium	106-1	-2.84	2.21	-2.25	-0.96		ppb
Cadmium	108-1	0.33	0.06	-0.03	0.12	157.41	ppb
Calcium	43-1	34195.59	35316.26	35628.27	35046.71	2.15	ppb
Calcium	44-1	34768.90	36162.09	36199.08	35710.02	2.28	ppb
Chromium	52-2	0.37	0.34	0.35	0.36	4.25	ppb
Cobalt	59-2	1.01	1.06	1.12	1.06	5.30	ppb
Copper	63-2	1.43	1.47	1.34	1.41	4.68	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				93		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	2556.90	2577.02	2550.18	2561.37	0.55	ppb
Iron	57-2	2659.52	2693.03	2735.91	2696.16	1.42	ppb
Krypton	83-1						cps
Lead	206-1	0.25	0.20	0.23	0.23	11.55	ppb
Lead	207-1	0.24	0.23	0.25	0.24	5.80	ppb
Lead	208-1	0.23	0.22	0.22	0.22	2.55	ppb
Lithium	6-1				82		%
Magnesium	24-2	3579.95	3573.38	3580.32	3577.88	0.11	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-04LX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 19:44:13	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	489.76	486.29	487.25	487.77	0.37	ppb
Molybdenum	94-1	0.34	0.32	0.38	0.35	7.76	ppb
Molybdenum	95-1	0.13	0.16	0.11	0.13	20.97	ppb
Molybdenum	96-1	0.16	0.15	0.19	0.17	13.23	ppb
Molybdenum	97-1	0.15	0.17	0.21	0.18	17.66	ppb
Molybdenum	98-1	0.13	0.12	0.14	0.13	5.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.94	0.82	0.83	0.86	7.91	ppb
Phosphorus	31-2	-47.92	-40.50	-48.15	-45.52		ppb
Potassium	39-2	434.45	433.88	440.59	436.31	0.85	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				82		%
Scandium	45-2				85		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.77	0.77	1.63	1.06	47.10	ppb
Selenium	82-1	-0.15	-0.05	-0.08	-0.09		ppb
Silicon	28-1	1747.50	1821.73	1820.96	1796.73	2.37	ppb
Silver	109-1	0.11	0.15	0.13	0.13	15.84	ppb
Silver	107-1	0.12	0.15	0.07	0.12	36.10	ppb
Sodium	23-2	818.93	813.42	823.11	818.49	0.59	ppb
Strontium	86-1	198.20	200.03	195.52	197.92	1.15	ppb
Strontium	88-1	200.32	199.87	197.47	199.22	0.77	ppb
Sulfur	34-1	-149.36	286.15	360.19	165.66	166.19	ppb
Terbium	159-1				102		%
Terbium	159-2				94		%
Thallium	203-1	0.00	0.00	-0.02	-0.01		ppb
Thallium	205-1	-0.01	-0.02	-0.02	-0.02		ppb
Thorium	232-1	0.02	0.02	0.02	0.02	9.79	ppb
Tin	118-1	0.05	0.07	0.03	0.05	40.62	ppb
Titanium	47-1	0.38	0.42	0.37	0.39	6.96	ppb
Uranium	238-1	0.25	0.21	0.23	0.23	10.40	ppb
Vanadium	51-2	0.14	0.11	0.12	0.12	10.92	ppb
Yttrium	89-1				96		%
Yttrium	89-2				94		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-04LX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 19:44:13	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	4.86	4.08	4.38	4.44	8.91	ppb
Zirconium	90-1	0.21	0.22	0.19	0.21	8.13	ppb
Zirconium	91-1	0.13	0.30	0.20	0.21	41.32	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-05	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991MS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:47:49	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9792.56	9827.91	9787.46	9802.65	0.22	ppb
Antimony	121-1	525.17	514.20	513.40	517.59	1.27	ppb
Arsenic	75-2	536.29	547.07	557.68	547.01	1.96	ppb
Barium	135-1	2717.81	2733.52	2751.16	2734.16	0.61	ppb
Barium	137-1	2784.91	2743.19	2748.97	2759.02	0.82	ppb
Beryllium	9-1	448.19	441.54	440.69	443.47	0.93	ppb
Bismuth	209-1				84		%
Bismuth	209-2				76		%
Boron	10-1	443.22	453.93	445.01	447.39	1.28	ppb
Boron	11-1	450.32	450.41	451.14	450.62	0.10	ppb
Cadmium	111-1	484.07	473.73	475.40	477.73	1.16	ppb
Cadmium	106-1	470.42	462.27	471.58	468.09	1.08	ppb
Cadmium	108-1	484.42	479.85	462.59	475.62	2.42	ppb
Calcium	43-1	226409.00	226241.83	226732.99	226461.27	0.11	ppb
Calcium	44-1	225630.64	227043.62	227950.77	226875.01	0.52	ppb
Chromium	52-2	530.68	536.10	533.81	533.53	0.51	ppb
Cobalt	59-2	551.65	557.85	552.23	553.91	0.62	ppb
Copper	63-2	1085.45	1099.68	1075.38	1086.84	1.12	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				88		%
Indium	115-1				87		%
Indium	115-2				86		%
Iron	56-2	38992.10	38728.08	38471.10	38730.42	0.67	ppb
Iron	57-2	40775.37	41086.50	40955.63	40939.16	0.38	ppb
Krypton	83-1						cps
Lead	206-1	513.17	521.19	505.20	513.19	1.56	ppb
Lead	207-1	525.50	535.36	527.61	529.49	0.98	ppb
Lead	208-1	521.89	530.42	523.02	525.11	0.88	ppb
Lithium	6-1				83		%
Magnesium	24-2	99598.42	97943.75	97194.82	98245.66	1.25	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-05	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991MS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:47:49	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3352.08	3412.24	3382.35	3382.22	0.89	ppb
Molybdenum	94-1	2422.63	2421.00	2408.64	2417.43	0.32	ppb
Molybdenum	95-1	2436.53	2395.76	2405.96	2412.75	0.88	ppb
Molybdenum	96-1	2428.02	2385.90	2396.25	2403.39	0.91	ppb
Molybdenum	97-1	2432.30	2402.90	2395.44	2410.21	0.81	ppb
Molybdenum	98-1	2418.02	2384.46	2389.42	2397.30	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	550.97	556.08	553.86	553.64	0.46	ppb
Phosphorus	31-2	-22.60	-34.20	-18.93	-25.24		ppb
Potassium	39-2	26465.15	26266.27	25709.15	26146.86	1.50	ppb
Rhodium	103-1				83		%
Rhodium	103-2				86		%
Scandium	45-1				76		%
Scandium	45-2				80		%
Selenium	77-2	459.02	452.75	461.95	457.91	1.03	ppb
Selenium	78-2	485.58	506.04	484.90	492.17	2.44	ppb
Selenium	82-1	496.15	484.28	484.25	488.23	1.41	ppb
Silicon	28-1	9493.90	9516.95	9581.00	9530.62	0.47	ppb
Silver	109-1	471.35	466.24	461.91	466.50	1.01	ppb
Silver	107-1	474.95	463.70	460.80	466.48	1.60	ppb
Sodium	23-2	53391.71	53180.38	52691.49	53087.86	0.68	ppb
Strontium	86-1	1483.99	1448.40	1460.55	1464.32	1.24	ppb
Strontium	88-1	1526.09	1527.90	1524.07	1526.02	0.13	ppb
Sulfur	34-1	4765.08	4557.48	4508.04	4610.20	2.96	ppb
Terbium	159-1				96		%
Terbium	159-2				89		%
Thallium	203-1	499.56	500.86	496.10	498.84	0.49	ppb
Thallium	205-1	516.70	523.33	513.39	517.81	0.98	ppb
Thorium	232-1	0.12	0.11	0.12	0.11	6.63	ppb
Tin	118-1	504.07	494.24	494.50	497.60	1.13	ppb
Titanium	47-1	2544.03	2527.23	2534.09	2535.12	0.33	ppb
Uranium	238-1	507.20	506.78	512.50	508.83	0.63	ppb
Vanadium	51-2	534.28	532.82	530.49	532.53	0.36	ppb
Yttrium	89-1				89		%
Yttrium	89-2				89		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-05	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991MS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:47:49	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	975.38	993.89	984.50	984.59	0.94	ppb
Zirconium	90-1	492.77	487.65	490.45	490.29	0.52	ppb
Zirconium	91-1	492.10	478.29	476.95	482.44	1.74	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-06	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:51:26	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9538.03	9416.02	9570.18	9508.07	0.86	ppb
Antimony	121-1	499.66	500.21	493.70	497.86	0.72	ppb
Arsenic	75-2	527.57	526.39	530.05	528.01	0.35	ppb
Barium	135-1	2640.06	2649.28	2639.45	2642.93	0.21	ppb
Barium	137-1	2702.91	2727.44	2669.47	2699.94	1.08	ppb
Beryllium	9-1	432.62	432.61	433.32	432.85	0.09	ppb
Bismuth	209-1				86		%
Bismuth	209-2				77		%
Boron	10-1	461.03	459.33	464.00	461.45	0.51	ppb
Boron	11-1	463.40	465.54	474.35	467.76	1.24	ppb
Cadmium	111-1	461.66	460.47	452.78	458.31	1.05	ppb
Cadmium	106-1	450.47	454.15	443.45	449.36	1.21	ppb
Cadmium	108-1	466.94	468.78	454.34	463.35	1.70	ppb
Calcium	43-1	224439.85	227312.10	226477.96	226076.64	0.65	ppb
Calcium	44-1	225342.17	228260.80	228128.26	227243.74	0.73	ppb
Chromium	52-2	512.35	508.92	517.52	512.93	0.84	ppb
Cobalt	59-2	529.35	529.82	538.40	532.52	0.96	ppb
Copper	63-2	1063.16	1066.42	1085.33	1071.64	1.12	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				89		%
Indium	115-1				89		%
Indium	115-2				87		%
Iron	56-2	38270.14	37786.62	38627.24	38228.00	1.10	ppb
Iron	57-2	40352.02	40312.51	41022.71	40562.41	0.98	ppb
Krypton	83-1						cps
Lead	206-1	487.89	485.25	485.86	486.33	0.28	ppb
Lead	207-1	507.70	505.62	508.95	507.42	0.33	ppb
Lead	208-1	502.53	501.90	501.45	501.96	0.11	ppb
Lithium	6-1				82		%
Magnesium	24-2	66159.91	65743.05	65936.53	65946.50	0.32	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-06	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:51:26	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3351.95	3351.56	3409.40	3370.97	0.99	ppb
Molybdenum	94-1	2340.69	2331.72	2319.57	2330.66	0.45	ppb
Molybdenum	95-1	2335.33	2350.97	2337.79	2341.36	0.36	ppb
Molybdenum	96-1	2343.90	2344.81	2346.14	2344.95	0.05	ppb
Molybdenum	97-1	2342.21	2338.98	2349.16	2343.45	0.22	ppb
Molybdenum	98-1	2361.36	2346.43	2350.53	2352.77	0.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	525.31	529.05	539.99	531.45	1.44	ppb
Phosphorus	31-2	-46.57	-46.77	-34.26	-42.53		ppb
Potassium	39-2	25768.05	25330.14	25686.51	25594.90	0.91	ppb
Rhodium	103-1				85		%
Rhodium	103-2				87		%
Scandium	45-1				76		%
Scandium	45-2				80		%
Selenium	77-2	449.81	507.57	502.79	486.72	6.59	ppb
Selenium	78-2	459.39	478.53	485.83	474.58	2.88	ppb
Selenium	82-1	479.31	471.29	472.03	474.21	0.94	ppb
Silicon	28-1	9410.62	9617.12	9621.47	9549.74	1.26	ppb
Silver	109-1	447.68	447.56	444.62	446.62	0.39	ppb
Silver	107-1	447.69	449.62	444.58	447.30	0.57	ppb
Sodium	23-2	51960.03	51752.10	52090.51	51934.21	0.33	ppb
Strontium	86-1	1441.80	1447.03	1431.40	1440.08	0.55	ppb
Strontium	88-1	1496.33	1508.78	1504.94	1503.35	0.42	ppb
Sulfur	34-1	3928.62	4216.00	4153.35	4099.32	3.69	ppb
Terbium	159-1				97		%
Terbium	159-2				90		%
Thallium	203-1	479.94	479.26	477.01	478.74	0.32	ppb
Thallium	205-1	488.77	497.15	495.89	493.93	0.91	ppb
Thorium	232-1	0.06	0.07	0.07	0.07	6.10	ppb
Tin	118-1	491.07	492.19	492.21	491.82	0.13	ppb
Titanium	47-1	2475.65	2492.25	2479.66	2482.52	0.35	ppb
Uranium	238-1	478.39	482.44	483.15	481.33	0.53	ppb
Vanadium	51-2	506.08	503.56	510.31	506.65	0.67	ppb
Yttrium	89-1				90		%
Yttrium	89-2				89		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-06	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:51:26	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	965.56	973.45	980.00	973.00	0.74	ppb
Zirconium	90-1	462.13	465.59	466.13	464.61	0.47	ppb
Zirconium	91-1	458.56	461.93	457.80	459.43	0.48	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3636-04A Instrumnet Name : P7
 Client Sample ID : SP19-JMW0991A Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 19:55:02 DataFile Name : 099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9930.70	9591.29	9903.29	9808.42	1.92	ppb
Antimony	121-1	503.04	498.73	499.49	500.42	0.46	ppb
Arsenic	75-2	550.71	540.67	564.63	552.00	2.18	ppb
Barium	135-1	2641.24	2638.99	2704.94	2661.72	1.41	ppb
Barium	137-1	2738.66	2720.25	2731.70	2730.20	0.34	ppb
Beryllium	9-1	448.58	449.21	444.13	447.30	0.62	ppb
Bismuth	209-1				86		%
Bismuth	209-2				75		%
Boron	10-1	465.59	478.54	483.58	475.91	1.95	ppb
Boron	11-1	472.21	485.89	483.40	480.50	1.52	ppb
Cadmium	111-1	465.08	460.04	464.41	463.18	0.59	ppb
Cadmium	106-1	464.62	450.97	443.42	453.00	2.37	ppb
Cadmium	108-1	468.69	485.25	451.18	468.37	3.64	ppb
Calcium	43-1	222454.84	225436.06	225066.34	224319.08	0.72	ppb
Calcium	44-1	223775.26	225225.57	223429.79	224143.54	0.43	ppb
Chromium	52-2	534.50	526.96	542.30	534.59	1.44	ppb
Cobalt	59-2	556.07	546.63	566.59	556.43	1.79	ppb
Copper	63-2	1101.28	1096.16	1120.08	1105.84	1.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				86		%
Indium	115-1				89		%
Indium	115-2				84		%
Iron	56-2	39539.92	38525.15	39421.94	39162.34	1.42	ppb
Iron	57-2	41673.54	40821.83	41751.00	41415.46	1.24	ppb
Krypton	83-1						cps
Lead	206-1	501.28	502.28	502.63	502.06	0.14	ppb
Lead	207-1	519.21	522.75	521.31	521.09	0.34	ppb
Lead	208-1	512.74	515.51	515.75	514.67	0.33	ppb
Lithium	6-1				80		%
Magnesium	24-2	86221.01	83485.68	85525.52	85077.40	1.67	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-04A	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991A	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:55:02	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3422.06	3376.39	3460.62	3419.69	1.23	ppb
Molybdenum	94-1	2376.83	2357.10	2357.29	2363.74	0.48	ppb
Molybdenum	95-1	2369.09	2358.42	2358.86	2362.12	0.26	ppb
Molybdenum	96-1	2371.00	2361.93	2351.55	2361.50	0.41	ppb
Molybdenum	97-1	2371.05	2355.82	2361.80	2362.89	0.32	ppb
Molybdenum	98-1	2357.95	2368.54	2356.64	2361.04	0.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	546.65	545.27	559.14	550.35	1.39	ppb
Phosphorus	31-2	-37.40	-21.82	-8.31	-22.51		ppb
Potassium	39-2	26385.36	25728.76	26733.18	26282.43	1.94	ppb
Rhodium	103-1				85		%
Rhodium	103-2				85		%
Scandium	45-1				76		%
Scandium	45-2				78		%
Selenium	77-2	473.33	489.70	523.50	495.51	5.16	ppb
Selenium	78-2	490.66	490.39	504.95	495.33	1.68	ppb
Selenium	82-1	480.89	474.34	473.43	476.22	0.85	ppb
Silicon	28-1	9385.81	9511.21	9593.99	9497.01	1.10	ppb
Silver	109-1	454.72	451.05	454.99	453.59	0.49	ppb
Silver	107-1	452.91	449.14	450.79	450.95	0.42	ppb
Sodium	23-2	53728.80	52317.89	53715.64	53254.11	1.52	ppb
Strontium	86-1	1446.34	1442.51	1421.57	1436.81	0.93	ppb
Strontium	88-1	1505.15	1505.75	1492.36	1501.09	0.50	ppb
Sulfur	34-1	4098.26	4228.41	3895.71	4074.13	4.12	ppb
Terbium	159-1				98		%
Terbium	159-2				88		%
Thallium	203-1	491.23	488.62	488.60	489.49	0.31	ppb
Thallium	205-1	508.69	510.67	507.81	509.06	0.29	ppb
Thorium	232-1	0.05	0.05	0.05	0.05	7.21	ppb
Tin	118-1	489.70	483.41	488.92	487.34	0.70	ppb
Titanium	47-1	2478.52	2521.42	2470.58	2490.18	1.10	ppb
Uranium	238-1	497.90	494.60	491.30	494.60	0.67	ppb
Vanadium	51-2	532.10	524.15	541.53	532.59	1.63	ppb
Yttrium	89-1				91		%
Yttrium	89-2				87		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-04A	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991A	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:55:02	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1005.32	991.16	1019.57	1005.35	1.41	ppb
Zirconium	90-1	475.40	472.71	472.87	473.66	0.32	ppb
Zirconium	91-1	469.15	470.75	469.96	469.96	0.17	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-11	Instrumnet Name :	P7
Client Sample ID :	SP19-MMW0018B	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:58:39	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43.87	41.20	37.34	40.81	8.05	ppb
Antimony	121-1	0.83	0.90	0.82	0.85	5.38	ppb
Arsenic	75-2	0.46	0.31	0.46	0.41	20.34	ppb
Barium	135-1	16.06	16.08	16.53	16.22	1.66	ppb
Barium	137-1	16.25	15.14	15.96	15.78	3.65	ppb
Beryllium	9-1	0.16	0.13	0.09	0.13	26.44	ppb
Bismuth	209-1				89		%
Bismuth	209-2				78		%
Boron	10-1	31.79	34.43	31.88	32.70	4.59	ppb
Boron	11-1	35.92	35.17	33.12	34.74	4.17	ppb
Cadmium	111-1	0.18	0.20	0.10	0.16	32.43	ppb
Cadmium	106-1	-2.03	-2.89	-2.98	-2.63		ppb
Cadmium	108-1	0.27	-0.03	-0.03	0.07	243.64	ppb
Calcium	43-1	68003.27	68041.16	68930.95	68325.13	0.77	ppb
Calcium	44-1	69625.29	70691.84	70860.00	70392.37	0.95	ppb
Chromium	52-2	1.88	2.00	1.87	1.92	3.90	ppb
Cobalt	59-2	0.09	0.09	0.14	0.11	26.10	ppb
Copper	63-2	3.73	3.82	3.75	3.76	1.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				87		%
Indium	115-1				90		%
Indium	115-2				88		%
Iron	56-2	60.01	61.07	59.83	60.30	1.11	ppb
Iron	57-2	401.54	399.92	394.80	398.75	0.88	ppb
Krypton	83-1						cps
Lead	206-1	0.53	0.59	0.52	0.55	6.82	ppb
Lead	207-1	0.58	0.52	0.45	0.51	12.71	ppb
Lead	208-1	0.57	0.54	0.48	0.53	8.30	ppb
Lithium	6-1				77		%
Magnesium	24-2	10041.00	9908.63	9950.63	9966.75	0.68	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-11	Instrumnet Name :	P7
Client Sample ID :	SP19-MMW0018B	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:58:39	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.76	2.59	2.75	2.70	3.58	ppb
Molybdenum	94-1	0.73	0.63	0.58	0.64	11.61	ppb
Molybdenum	95-1	0.73	0.58	0.46	0.59	23.50	ppb
Molybdenum	96-1	0.64	0.51	0.37	0.50	26.46	ppb
Molybdenum	97-1	0.79	0.72	0.59	0.70	14.45	ppb
Molybdenum	98-1	0.70	0.53	0.48	0.57	20.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.43	0.38	0.47	0.42	10.61	ppb
Phosphorus	31-2	-53.34	-45.19	-53.63	-50.72		ppb
Potassium	39-2	757.88	765.66	775.39	766.31	1.14	ppb
Rhodium	103-1				87		%
Rhodium	103-2				88		%
Scandium	45-1				73		%
Scandium	45-2				76		%
Selenium	77-2	0.00	2.77	2.75	1.84	86.60	ppb
Selenium	78-2	2.43	2.15	1.43	2.00	25.66	ppb
Selenium	82-1	-0.04	1.13	-0.24	0.28	263.91	ppb
Silicon	28-1	3227.57	3300.02	3259.19	3262.26	1.11	ppb
Silver	109-1	0.24	0.24	0.25	0.24	3.11	ppb
Silver	107-1	0.29	0.26	0.23	0.26	11.74	ppb
Sodium	23-2	1864.84	1869.08	1867.75	1867.23	0.12	ppb
Strontium	86-1	369.63	369.46	368.62	369.24	0.15	ppb
Strontium	88-1	384.33	381.98	387.07	384.46	0.66	ppb
Sulfur	34-1	1794.14	1926.18	1785.89	1835.40	4.29	ppb
Terbium	159-1				97		%
Terbium	159-2				88		%
Thallium	203-1	0.15	0.17	0.07	0.13	40.12	ppb
Thallium	205-1	0.18	0.12	0.08	0.13	37.13	ppb
Thorium	232-1	0.04	0.04	0.04	0.04	1.95	ppb
Tin	118-1	2.02	1.78	1.85	1.88	6.64	ppb
Titanium	47-1	2.10	2.07	1.52	1.90	17.19	ppb
Uranium	238-1	0.28	0.29	0.27	0.28	4.15	ppb
Vanadium	51-2	0.60	0.62	0.56	0.59	5.54	ppb
Yttrium	89-1				89		%
Yttrium	89-2				87		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-11	Instrumnet Name :	P7
Client Sample ID :	SP19-MMW0018B	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:58:39	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	11.94	12.82	12.41	12.39	3.56	ppb
Zirconium	90-1	0.15	0.13	0.13	0.14	10.11	ppb
Zirconium	91-1	0.20	0.13	0.11	0.15	32.85	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P7
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 20:04:34	DataFile Name :	101CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50203.46	49221.17	49354.98	49593.20	1.07	ppb
Antimony	121-1	473.35	475.60	469.81	472.92	0.62	ppb
Arsenic	75-2	479.30	477.76	472.19	476.42	0.79	ppb
Barium	135-1	2426.37	2441.87	2428.43	2432.23	0.35	ppb
Barium	137-1	2496.40	2479.61	2494.55	2490.19	0.37	ppb
Beryllium	9-1	484.11	487.89	486.32	486.11	0.39	ppb
Bismuth	209-1				76		%
Bismuth	209-2				73		%
Boron	10-1	462.21	475.48	476.79	471.49	1.71	ppb
Boron	11-1	464.93	474.08	474.32	471.11	1.14	ppb
Cadmium	111-1	480.37	471.37	470.11	473.95	1.18	ppb
Cadmium	106-1	469.09	466.07	479.66	471.61	1.51	ppb
Cadmium	108-1	481.04	484.02	470.14	478.40	1.53	ppb
Calcium	43-1	239753.86	242881.18	240486.00	241040.35	0.68	ppb
Calcium	44-1	240426.16	244119.39	240312.59	241619.38	0.90	ppb
Chromium	52-2	515.95	514.73	514.81	515.16	0.13	ppb
Cobalt	59-2	519.15	513.19	509.70	514.01	0.93	ppb
Copper	63-2	1054.36	1039.22	1045.75	1046.45	0.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				87		%
Indium	115-1				82		%
Indium	115-2				85		%
Iron	56-2	132464.39	128706.81	128816.12	129995.77	1.65	ppb
Iron	57-2	132372.21	128744.49	129506.82	130207.84	1.47	ppb
Krypton	83-1						cps
Lead	206-1	505.13	502.42	481.62	496.39	2.59	ppb
Lead	207-1	509.27	511.59	492.60	504.49	2.05	ppb
Lead	208-1	511.76	515.00	493.85	506.87	2.25	ppb
Lithium	6-1				69		%
Magnesium	24-2	233825.53	228388.41	227747.67	229987.20	1.45	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P7
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 20:04:34	DataFile Name :	101CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1035.86	1030.22	1031.54	1032.54	0.29	ppb
Molybdenum	94-1	2514.81	2508.49	2449.55	2490.95	1.45	ppb
Molybdenum	95-1	2516.04	2498.69	2458.56	2491.10	1.18	ppb
Molybdenum	96-1	2504.45	2500.70	2489.04	2498.06	0.32	ppb
Molybdenum	97-1	2500.60	2515.11	2475.85	2497.19	0.79	ppb
Molybdenum	98-1	2509.96	2529.85	2487.48	2509.10	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	533.61	525.25	522.51	527.12	1.10	ppb
Phosphorus	31-2	9610.94	8995.66	9404.23	9336.94	3.35	ppb
Potassium	39-2	121343.32	118174.90	117952.35	119156.86	1.59	ppb
Rhodium	103-1				78		%
Rhodium	103-2				81		%
Scandium	45-1				72		%
Scandium	45-2				76		%
Selenium	77-2	467.72	461.15	388.58	439.15	10.00	ppb
Selenium	78-2	486.12	486.66	491.77	488.18	0.64	ppb
Selenium	82-1	472.00	471.16	463.28	468.82	1.03	ppb
Silicon	28-1	469.37	473.65	474.95	472.66	0.62	ppb
Silver	109-1	489.73	488.10	489.90	489.24	0.20	ppb
Silver	107-1	493.93	486.69	486.70	489.11	0.85	ppb
Sodium	23-2	237564.27	231869.49	229950.96	233128.24	1.70	ppb
Strontium	86-1	496.04	496.07	491.77	494.63	0.50	ppb
Strontium	88-1	515.10	514.73	506.25	512.03	0.98	ppb
Sulfur	34-1	9606.70	9577.78	9305.94	9496.81	1.75	ppb
Terbium	159-1				92		%
Terbium	159-2				88		%
Thallium	203-1	500.94	498.03	483.32	494.10	1.91	ppb
Thallium	205-1	521.80	524.13	501.69	515.87	2.39	ppb
Thorium	232-1	527.15	532.65	516.03	525.28	1.61	ppb
Tin	118-1	483.03	480.16	473.04	478.75	1.07	ppb
Titanium	47-1	2516.03	2542.28	2503.33	2520.55	0.79	ppb
Uranium	238-1	520.55	527.66	503.96	517.39	2.35	ppb
Vanadium	51-2	516.15	510.89	511.75	512.93	0.55	ppb
Yttrium	89-1				85		%
Yttrium	89-2				87		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P7
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 20:04:34	DataFile Name :	101CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1047.02	1035.51	1061.01	1047.84	1.22	ppb
Zirconium	90-1	497.13	498.48	492.36	495.99	0.65	ppb
Zirconium	91-1	493.36	486.90	477.24	485.84	1.67	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : CCB24 Instrumnet Name : P7
 Client Sample ID : CCB24 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 20:08:54 DataFile Name : 102CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.19	0.77	0.51	1.82	112.43	ppb
Antimony	121-1	0.24	0.31	0.24	0.27	15.59	ppb
Arsenic	75-2	0.03	0.12	0.03	0.06	94.22	ppb
Barium	135-1	0.16	0.05	0.07	0.09	65.37	ppb
Barium	137-1	0.13	0.03	0.01	0.05	120.40	ppb
Beryllium	9-1	0.08	0.08	0.10	0.09	13.64	ppb
Bismuth	209-1				88		%
Bismuth	209-2				81		%
Boron	10-1	16.99	16.82	16.09	16.63	2.86	ppb
Boron	11-1	18.47	17.75	18.22	18.15	2.02	ppb
Cadmium	111-1	-0.18	-0.24	-0.42	-0.28		ppb
Cadmium	106-1	-2.72	-3.42	-5.53	-3.89		ppb
Cadmium	108-1	-0.03	0.07	-0.03	0.01	896.08	ppb
Calcium	43-1	16.39	4.37	10.72	10.49	57.34	ppb
Calcium	44-1	7.84	8.73	4.77	7.11	29.16	ppb
Chromium	52-2	0.07	-0.06	0.05	0.02	325.28	ppb
Cobalt	59-2	0.00	0.02	0.01	0.01	117.09	ppb
Copper	63-2	0.45	0.25	0.26	0.32	34.52	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				87		%
Indium	115-1				90		%
Indium	115-2				91		%
Iron	56-2	5.45	4.43	4.53	4.80	11.76	ppb
Iron	57-2	7.71	8.84	5.20	7.25	25.69	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.10	0.09	0.09	9.79	ppb
Lead	207-1	0.14	0.18	0.13	0.15	17.05	ppb
Lead	208-1	0.11	0.13	0.11	0.12	10.79	ppb
Lithium	6-1				72		%
Magnesium	24-2	6.92	7.62	7.42	7.32	4.94	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P7
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 20:08:54	DataFile Name :	102CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	0.06	0.04	0.05	22.97	ppb
Molybdenum	94-1	0.35	0.26	0.26	0.29	18.00	ppb
Molybdenum	95-1	0.29	0.26	0.23	0.26	12.33	ppb
Molybdenum	96-1	0.38	0.19	0.31	0.30	31.28	ppb
Molybdenum	97-1	0.31	0.31	0.34	0.32	5.99	ppb
Molybdenum	98-1	0.38	0.29	0.18	0.28	35.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.03	0.00	-0.01		ppb
Phosphorus	31-2	-37.48	-58.09	-46.17	-47.25		ppb
Potassium	39-2	19.58	23.93	28.63	24.05	18.81	ppb
Rhodium	103-1				89		%
Rhodium	103-2				89		%
Scandium	45-1				74		%
Scandium	45-2				78		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.99	1.42	2.53	1.65	48.33	ppb
Selenium	82-1	-0.13	0.49	-0.18	0.06	615.35	ppb
Silicon	28-1	-0.29	-0.05	-0.21	-0.18		ppb
Silver	109-1	0.11	0.10	0.13	0.11	10.57	ppb
Silver	107-1	0.13	0.11	0.08	0.11	23.94	ppb
Sodium	23-2	63.16	61.68	53.90	59.58	8.35	ppb
Strontium	86-1	-0.05	-0.04	0.00	-0.03		ppb
Strontium	88-1	0.04	0.01	0.02	0.02	55.53	ppb
Sulfur	34-1	-1558.82	-1399.13	-1532.10	-1496.68		ppb
Terbium	159-1				95		%
Terbium	159-2				89		%
Thallium	203-1	0.07	0.03	0.03	0.04	52.66	ppb
Thallium	205-1	0.09	0.05	0.04	0.06	47.45	ppb
Thorium	232-1	0.06	0.07	0.06	0.06	8.86	ppb
Tin	118-1	-0.06	-0.04	0.02	-0.03		ppb
Titanium	47-1	0.12	0.12	0.12	0.12	1.91	ppb
Uranium	238-1	0.03	0.00	0.01	0.01	88.23	ppb
Vanadium	51-2	0.02	0.03	0.01	0.02	46.31	ppb
Yttrium	89-1				89		%
Yttrium	89-2				88		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P7
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 20:08:54	DataFile Name :	102CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.30	0.90	0.39	0.53	61.11	ppb
Zirconium	90-1	0.05	0.05	0.03	0.04	27.44	ppb
Zirconium	91-1	0.04	-0.01	0.03	0.02	142.92	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-04DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 20:12:44	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.18	4.39	5.10	5.22	17.21	ppb
Antimony	121-1	0.56	0.62	0.49	0.56	12.17	ppb
Arsenic	75-2	5.21	4.88	5.17	5.09	3.56	ppb
Barium	135-1	36.07	34.96	35.85	35.63	1.64	ppb
Barium	137-1	35.15	34.59	33.31	34.35	2.74	ppb
Beryllium	9-1	0.06	0.06	0.07	0.07	6.21	ppb
Bismuth	209-1				90		%
Bismuth	209-2				81		%
Boron	10-1	15.99	14.57	14.07	14.88	6.69	ppb
Boron	11-1	16.32	15.23	14.59	15.38	5.69	ppb
Cadmium	111-1	-0.08	-0.11	-0.24	-0.14		ppb
Cadmium	106-1	-2.34	-2.32	-3.96	-2.87		ppb
Cadmium	108-1	-0.03	-0.03	-0.03	-0.03		ppb
Calcium	43-1	35584.28	35377.41	36087.40	35683.03	1.02	ppb
Calcium	44-1	36635.89	36964.78	37074.72	36891.79	0.62	ppb
Chromium	52-2	0.42	0.38	0.46	0.42	8.91	ppb
Cobalt	59-2	1.25	1.17	1.16	1.20	4.17	ppb
Copper	63-2	1.30	1.14	1.22	1.22	6.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				88		%
Indium	115-1				92		%
Indium	115-2				91		%
Iron	56-2	2644.82	2633.21	2638.14	2638.72	0.22	ppb
Iron	57-2	2858.24	2816.89	2716.37	2797.17	2.61	ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.19	0.17	0.17	8.24	ppb
Lead	207-1	0.18	0.20	0.16	0.18	11.20	ppb
Lead	208-1	0.15	0.18	0.15	0.16	9.12	ppb
Lithium	6-1				74		%
Magnesium	24-2	3710.35	3694.98	3681.10	3695.48	0.40	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-04DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 20:12:44	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	501.56	500.87	499.37	500.60	0.22	ppb
Molybdenum	94-1	0.39	0.49	0.41	0.43	11.97	ppb
Molybdenum	95-1	0.18	0.24	0.17	0.20	17.76	ppb
Molybdenum	96-1	0.23	0.27	0.25	0.25	8.92	ppb
Molybdenum	97-1	0.22	0.21	0.32	0.25	24.16	ppb
Molybdenum	98-1	0.17	0.18	0.15	0.17	9.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	0.78	0.97	0.95	15.76	ppb
Phosphorus	31-2	-33.10	-58.14	-41.96	-44.40		ppb
Potassium	39-2	428.10	418.91	423.37	423.46	1.09	ppb
Rhodium	103-1				89		%
Rhodium	103-2				90		%
Scandium	45-1				74		%
Scandium	45-2				78		%
Selenium	77-2	0.00	2.72	0.00	0.91	173.21	ppb
Selenium	78-2	-0.68	1.16	0.42	0.30	305.70	ppb
Selenium	82-1	0.36	0.22	-0.70	-0.04		ppb
Silicon	28-1	1825.72	1836.32	1850.69	1837.58	0.68	ppb
Silver	109-1	0.15	0.13	0.09	0.12	22.36	ppb
Silver	107-1	0.09	0.14	0.11	0.11	21.76	ppb
Sodium	23-2	789.97	790.63	793.99	791.53	0.27	ppb
Strontium	86-1	200.73	199.54	199.42	199.90	0.36	ppb
Strontium	88-1	203.44	200.35	197.38	200.39	1.51	ppb
Sulfur	34-1	83.23	158.84	3.31	81.79	95.09	ppb
Terbium	159-1				97		%
Terbium	159-2				90		%
Thallium	203-1	0.09	0.05	0.07	0.07	25.64	ppb
Thallium	205-1	0.05	0.04	0.04	0.04	21.18	ppb
Thorium	232-1	0.04	0.04	0.03	0.03	15.32	ppb
Tin	118-1	0.05	0.01	0.14	0.07	97.95	ppb
Titanium	47-1	0.26	0.58	0.38	0.41	40.07	ppb
Uranium	238-1	0.23	0.23	0.27	0.24	10.02	ppb
Vanadium	51-2	0.09	0.11	0.09	0.10	9.50	ppb
Yttrium	89-1				90		%
Yttrium	89-2				89		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-04DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 20:12:44	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	4.15	3.59	4.01	3.92	7.54	ppb
Zirconium	90-1	0.24	0.20	0.20	0.21	11.14	ppb
Zirconium	91-1	0.34	0.17	0.17	0.23	45.09	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-04DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 20:16:22	DataFile Name :	104SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.00	6.13	5.32	5.48	10.63	ppb
Antimony	121-1	0.28	0.28	0.25	0.27	6.88	ppb
Arsenic	75-2	5.01	4.81	5.09	4.97	2.95	ppb
Barium	135-1	35.86	35.97	37.10	36.31	1.88	ppb
Barium	137-1	35.90	33.78	34.28	34.65	3.19	ppb
Beryllium	9-1	0.05	0.06	0.04	0.05	25.49	ppb
Bismuth	209-1				91		%
Bismuth	209-2				81		%
Boron	10-1	12.56	12.46	11.33	12.12	5.62	ppb
Boron	11-1	11.95	11.14	11.61	11.57	3.49	ppb
Cadmium	111-1	-0.27	-0.23	-0.09	-0.20		ppb
Cadmium	106-1	-3.68	-3.53	-1.54	-2.92		ppb
Cadmium	108-1	0.07	-0.03	0.16	0.07	143.16	ppb
Calcium	43-1	36031.27	35231.71	35213.74	35492.24	1.32	ppb
Calcium	44-1	36689.06	36878.44	36799.04	36788.85	0.26	ppb
Chromium	52-2	0.29	0.31	0.25	0.28	10.89	ppb
Cobalt	59-2	0.97	1.02	1.09	1.03	5.78	ppb
Copper	63-2	1.08	1.06	1.05	1.06	1.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				88		%
Indium	115-1				92		%
Indium	115-2				91		%
Iron	56-2	2672.00	2652.87	2629.71	2651.53	0.80	ppb
Iron	57-2	2885.42	2799.37	2752.91	2812.57	2.39	ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.16	0.16	0.16	1.95	ppb
Lead	207-1	0.15	0.09	0.07	0.10	35.46	ppb
Lead	208-1	0.12	0.14	0.14	0.14	8.06	ppb
Lithium	6-1				74		%
Magnesium	24-2	3741.72	3668.77	3621.28	3677.26	1.65	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-04DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 20:16:22	DataFile Name :	104SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	506.34	504.56	495.83	502.24	1.12	ppb
Molybdenum	94-1	0.46	0.47	0.37	0.43	12.05	ppb
Molybdenum	95-1	0.14	0.16	0.10	0.13	20.16	ppb
Molybdenum	96-1	0.28	0.20	0.17	0.22	25.46	ppb
Molybdenum	97-1	0.20	0.12	0.13	0.15	30.06	ppb
Molybdenum	98-1	0.20	0.12	0.13	0.15	31.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	1.06	1.09	1.06	3.28	ppb
Phosphorus	31-2	-66.11	-53.93	-54.22	-58.09		ppb
Potassium	39-2	430.00	429.22	422.50	427.24	0.96	ppb
Rhodium	103-1				90		%
Rhodium	103-2				89		%
Scandium	45-1				74		%
Scandium	45-2				78		%
Selenium	77-2	1.38	1.37	0.00	0.92	86.60	ppb
Selenium	78-2	3.09	-0.22	-0.92	0.65	329.21	ppb
Selenium	82-1	0.12	0.44	0.41	0.32	54.05	ppb
Silicon	28-1	1830.93	1839.47	1844.16	1838.18	0.37	ppb
Silver	109-1	0.06	0.07	0.08	0.07	15.73	ppb
Silver	107-1	0.04	0.07	0.07	0.06	27.29	ppb
Sodium	23-2	812.23	787.16	789.93	796.44	1.73	ppb
Strontium	86-1	205.59	199.46	196.54	200.53	2.30	ppb
Strontium	88-1	202.48	199.05	198.88	200.14	1.01	ppb
Sulfur	34-1	381.76	225.86	507.45	371.69	37.95	ppb
Terbium	159-1				98		%
Terbium	159-2				90		%
Thallium	203-1	0.04	0.01	0.01	0.02	56.05	ppb
Thallium	205-1	-0.02	0.00	0.00	-0.01		ppb
Thorium	232-1	0.01	0.02	0.02	0.02	19.15	ppb
Tin	118-1	0.02	0.05	0.05	0.04	44.05	ppb
Titanium	47-1	0.44	0.40	0.40	0.41	4.54	ppb
Uranium	238-1	0.24	0.22	0.25	0.24	6.37	ppb
Vanadium	51-2	0.11	0.11	0.13	0.12	6.89	ppb
Yttrium	89-1				91		%
Yttrium	89-2				88		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-04DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 20:16:22	DataFile Name :	104SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	3.87	3.42	3.65	3.65	6.16	ppb
Zirconium	90-1	0.19	0.19	0.20	0.19	2.73	ppb
Zirconium	91-1	0.19	0.21	0.18	0.20	7.46	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3636-04LDLX25 Instrumnet Name : P7
 Client Sample ID : SP19-JMW0991LDL Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 20:19:59 DataFile Name : 105SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.79	0.53	0.79	0.70	20.72	ppb
Antimony	121-1	0.03	0.06	0.04	0.04	36.69	ppb
Arsenic	75-2	1.32	1.25	0.99	1.19	14.58	ppb
Barium	135-1	7.09	7.22	6.94	7.08	2.02	ppb
Barium	137-1	7.20	7.01	6.70	6.97	3.56	ppb
Beryllium	9-1	0.00	0.02	0.03	0.02	90.82	ppb
Bismuth	209-1				90		%
Bismuth	209-2				80		%
Boron	10-1	5.76	6.14	6.27	6.06	4.35	ppb
Boron	11-1	6.03	5.28	5.37	5.56	7.36	ppb
Cadmium	111-1	-0.30	-0.30	-0.28	-0.30		ppb
Cadmium	106-1	-3.81	-3.87	-3.48	-3.72		ppb
Cadmium	108-1	-0.03	-0.13	-0.03	-0.06		ppb
Calcium	43-1	7003.65	6984.47	6952.22	6980.11	0.37	ppb
Calcium	44-1	6938.49	7034.80	7017.84	6997.04	0.73	ppb
Chromium	52-2	0.08	0.06	0.17	0.10	56.09	ppb
Cobalt	59-2	0.25	0.20	0.23	0.23	10.82	ppb
Copper	63-2	0.40	0.39	0.39	0.39	2.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				87		%
Indium	115-1				91		%
Indium	115-2				90		%
Iron	56-2	544.85	540.36	546.69	543.97	0.60	ppb
Iron	57-2	576.03	584.19	563.61	574.61	1.80	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.09	0.06	0.07	18.92	ppb
Lead	207-1	0.11	0.12	0.07	0.10	25.31	ppb
Lead	208-1	0.07	0.08	0.05	0.07	17.33	ppb
Lithium	6-1				73		%
Magnesium	24-2	747.16	732.69	751.98	743.94	1.35	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-04LDLX25	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991LDL	Dilution Factor :	25
Date & Time Acquired ::	2019-07-19 20:19:59	DataFile Name :	105SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	101.70	101.20	100.90	101.27	0.40	ppb
Molybdenum	94-1	0.05	0.10	0.17	0.11	56.47	ppb
Molybdenum	95-1	0.04	0.05	0.05	0.05	21.71	ppb
Molybdenum	96-1	0.03	0.06	0.01	0.03	71.07	ppb
Molybdenum	97-1	0.03	0.05	0.02	0.03	54.07	ppb
Molybdenum	98-1	0.06	0.04	0.05	0.05	25.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.24	0.32	0.26	0.27	14.74	ppb
Phosphorus	31-2	-53.73	-57.97	-45.42	-52.37		ppb
Potassium	39-2	92.72	104.60	111.55	102.96	9.25	ppb
Rhodium	103-1				89		%
Rhodium	103-2				88		%
Scandium	45-1				75		%
Scandium	45-2				77		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.20	0.70	0.51	0.80	43.94	ppb
Selenium	82-1	-0.30	0.04	-0.10	-0.12		ppb
Silicon	28-1	336.82	340.60	340.53	339.31	0.64	ppb
Silver	109-1	0.01	0.04	0.00	0.02	103.45	ppb
Silver	107-1	0.01	0.02	0.04	0.02	58.60	ppb
Sodium	23-2	206.54	193.81	194.70	198.35	3.58	ppb
Strontium	86-1	40.82	40.59	39.96	40.46	1.10	ppb
Strontium	88-1	41.84	41.29	40.13	41.09	2.13	ppb
Sulfur	34-1	-737.88	-554.21	-570.73	-620.94		ppb
Terbium	159-1				96		%
Terbium	159-2				88		%
Thallium	203-1	-0.02	-0.01	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.03	-0.02	-0.02		ppb
Thorium	232-1	0.01	0.00	0.00	0.01	44.05	ppb
Tin	118-1	-0.03	-0.09	-0.06	-0.06		ppb
Titanium	47-1	0.18	0.18	0.10	0.15	28.79	ppb
Uranium	238-1	0.06	0.04	0.05	0.05	20.20	ppb
Vanadium	51-2	0.02	0.02	0.01	0.02	32.25	ppb
Yttrium	89-1				89		%
Yttrium	89-2				88		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-04LDLX25	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991LDL	Dilution Factor :	25
Date & Time Acquired ::	2019-07-19 20:19:59	DataFile Name :	105SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.99	0.75	0.86	0.87	13.39	ppb
Zirconium	90-1	0.04	0.04	0.03	0.04	13.27	ppb
Zirconium	91-1	0.03	0.02	0.00	0.02	68.13	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-05DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 20:23:36	DataFile Name :	106SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2036.17	2033.59	2007.42	2025.73	0.79	ppb
Antimony	121-1	102.72	105.45	104.00	104.06	1.31	ppb
Arsenic	75-2	110.51	108.03	116.23	111.59	3.77	ppb
Barium	135-1	531.82	542.18	531.10	535.03	1.16	ppb
Barium	137-1	517.47	526.33	523.54	522.45	0.87	ppb
Beryllium	9-1	100.77	102.02	101.53	101.44	0.62	ppb
Bismuth	209-1				88		%
Bismuth	209-2				79		%
Boron	10-1	96.42	103.45	101.01	100.29	3.56	ppb
Boron	11-1	99.52	101.25	102.30	101.02	1.39	ppb
Cadmium	111-1	98.00	97.92	97.97	97.96	0.04	ppb
Cadmium	106-1	91.42	91.11	93.29	91.94	1.28	ppb
Cadmium	108-1	95.69	92.64	93.43	93.92	1.69	ppb
Calcium	43-1	44292.94	44202.86	44664.83	44386.88	0.55	ppb
Calcium	44-1	44708.99	46124.25	45447.01	45426.75	1.56	ppb
Chromium	52-2	110.25	108.66	107.89	108.93	1.11	ppb
Cobalt	59-2	115.41	114.93	112.56	114.30	1.34	ppb
Copper	63-2	228.92	225.03	223.43	225.79	1.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				88		%
Indium	115-1				90		%
Indium	115-2				88		%
Iron	56-2	8073.46	8046.17	7949.18	8022.94	0.81	ppb
Iron	57-2	8471.11	8450.34	8349.63	8423.69	0.77	ppb
Krypton	83-1						cps
Lead	206-1	99.72	100.69	99.32	99.91	0.71	ppb
Lead	207-1	100.87	102.75	100.42	101.35	1.22	ppb
Lead	208-1	99.73	101.03	99.66	100.14	0.77	ppb
Lithium	6-1				74		%
Magnesium	24-2	20028.10	19923.10	19759.01	19903.40	0.68	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-05DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 20:23:36	DataFile Name :	106SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	711.35	712.65	699.75	707.92	1.00	ppb
Molybdenum	94-1	462.11	469.95	472.77	468.28	1.18	ppb
Molybdenum	95-1	460.02	469.67	468.36	466.01	1.12	ppb
Molybdenum	96-1	460.16	469.47	467.58	465.74	1.06	ppb
Molybdenum	97-1	463.30	467.62	467.43	466.12	0.52	ppb
Molybdenum	98-1	458.34	461.14	463.78	461.09	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	115.36	112.73	111.25	113.11	1.84	ppb
Phosphorus	31-2	-53.45	-45.37	-58.10	-52.31		ppb
Potassium	39-2	5536.97	5506.10	5450.78	5497.95	0.79	ppb
Rhodium	103-1				87		%
Rhodium	103-2				88		%
Scandium	45-1				73		%
Scandium	45-2				77		%
Selenium	77-2	114.09	109.97	125.64	116.57	6.97	ppb
Selenium	78-2	99.79	107.70	103.72	103.74	3.81	ppb
Selenium	82-1	103.52	101.79	102.03	102.45	0.92	ppb
Silicon	28-1	1858.10	1916.13	1890.63	1888.29	1.54	ppb
Silver	109-1	93.87	93.74	95.14	94.25	0.82	ppb
Silver	107-1	93.72	96.18	95.07	94.99	1.29	ppb
Sodium	23-2	10890.90	10826.23	10715.07	10810.73	0.82	ppb
Strontium	86-1	289.39	296.13	290.59	292.03	1.23	ppb
Strontium	88-1	298.23	304.61	305.25	302.69	1.28	ppb
Sulfur	34-1	464.47	704.10	340.52	503.03	36.74	ppb
Terbium	159-1				97		%
Terbium	159-2				89		%
Thallium	203-1	94.15	94.49	94.96	94.53	0.43	ppb
Thallium	205-1	96.12	96.48	94.91	95.84	0.86	ppb
Thorium	232-1	0.02	0.03	0.02	0.02	17.82	ppb
Tin	118-1	97.90	101.30	98.54	99.25	1.82	ppb
Titanium	47-1	513.86	510.11	510.41	511.46	0.41	ppb
Uranium	238-1	91.35	92.45	92.55	92.12	0.73	ppb
Vanadium	51-2	108.27	107.10	106.86	107.41	0.70	ppb
Yttrium	89-1				89		%
Yttrium	89-2				87		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-05DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 20:23:36	DataFile Name :	106SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	219.54	218.96	216.42	218.31	0.76	ppb
Zirconium	90-1	92.17	92.38	93.25	92.60	0.62	ppb
Zirconium	91-1	93.69	97.74	96.64	96.02	2.18	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3636-06DLX5 Instrumnet Name : P7
 Client Sample ID : SP19-JMW0991MSDDL Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 20:27:12 DataFile Name : 107SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2003.37	1998.89	1975.93	1992.73	0.74	ppb
Antimony	121-1	102.40	100.64	98.24	100.43	2.08	ppb
Arsenic	75-2	109.06	109.35	110.21	109.54	0.55	ppb
Barium	135-1	538.27	530.50	522.29	530.35	1.51	ppb
Barium	137-1	525.25	529.36	511.53	522.05	1.79	ppb
Beryllium	9-1	98.88	97.11	97.34	97.78	0.99	ppb
Bismuth	209-1				89		%
Bismuth	209-2				80		%
Boron	10-1	100.43	98.65	100.20	99.76	0.97	ppb
Boron	11-1	97.46	102.94	102.85	101.08	3.11	ppb
Cadmium	111-1	94.22	96.67	94.05	94.98	1.54	ppb
Cadmium	106-1	91.64	88.33	85.64	88.54	3.39	ppb
Cadmium	108-1	90.48	94.21	96.58	93.76	3.28	ppb
Calcium	43-1	44769.99	44984.75	44602.44	44785.73	0.43	ppb
Calcium	44-1	45597.74	46037.72	46010.65	45882.04	0.54	ppb
Chromium	52-2	103.31	107.29	104.01	104.87	2.03	ppb
Cobalt	59-2	111.55	112.53	108.77	110.95	1.76	ppb
Copper	63-2	227.17	227.66	222.10	225.64	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				94		%
Holmium	165-2				88		%
Indium	115-1				90		%
Indium	115-2				89		%
Iron	56-2	8047.79	8076.65	7884.00	8002.81	1.30	ppb
Iron	57-2	8262.80	8358.39	8445.14	8355.44	1.09	ppb
Krypton	83-1						cps
Lead	206-1	97.09	95.95	96.75	96.60	0.60	ppb
Lead	207-1	98.83	97.96	96.11	97.63	1.42	ppb
Lead	208-1	97.30	96.22	95.67	96.40	0.86	ppb
Lithium	6-1				74		%
Magnesium	24-2	13613.05	13779.22	13528.07	13640.11	0.94	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-06DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 20:27:12	DataFile Name :	107SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	709.31	721.42	707.07	712.60	1.08	ppb
Molybdenum	94-1	459.45	457.82	452.50	456.59	0.80	ppb
Molybdenum	95-1	463.25	462.63	456.27	460.72	0.84	ppb
Molybdenum	96-1	457.58	462.26	458.36	459.40	0.55	ppb
Molybdenum	97-1	458.66	456.64	454.79	456.70	0.42	ppb
Molybdenum	98-1	458.76	457.61	448.74	455.03	1.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	110.18	112.45	109.45	110.69	1.41	ppb
Phosphorus	31-2	-44.91	-61.74	-66.22	-57.63		ppb
Potassium	39-2	5369.01	5470.52	5368.64	5402.72	1.09	ppb
Rhodium	103-1				87		%
Rhodium	103-2				88		%
Scandium	45-1				73		%
Scandium	45-2				76		%
Selenium	77-2	97.42	97.72	105.67	100.27	4.67	ppb
Selenium	78-2	109.53	109.40	109.15	109.36	0.18	ppb
Selenium	82-1	98.22	97.54	100.32	98.69	1.47	ppb
Silicon	28-1	1886.21	1921.38	1915.79	1907.79	0.99	ppb
Silver	109-1	93.19	92.80	91.50	92.50	0.96	ppb
Silver	107-1	91.86	92.45	91.01	91.77	0.79	ppb
Sodium	23-2	10609.90	10774.19	10528.13	10637.41	1.18	ppb
Strontium	86-1	291.36	292.18	288.88	290.81	0.59	ppb
Strontium	88-1	299.98	299.72	299.74	299.81	0.05	ppb
Sulfur	34-1	226.47	70.46	192.88	163.27	50.29	ppb
Terbium	159-1				96		%
Terbium	159-2				89		%
Thallium	203-1	92.26	90.69	91.52	91.49	0.86	ppb
Thallium	205-1	93.83	92.12	92.94	92.97	0.92	ppb
Thorium	232-1	0.02	0.01	0.02	0.02	19.90	ppb
Tin	118-1	99.12	98.46	97.74	98.44	0.70	ppb
Titanium	47-1	504.31	506.86	506.31	505.83	0.27	ppb
Uranium	238-1	89.12	89.07	88.15	88.78	0.62	ppb
Vanadium	51-2	103.37	104.64	102.49	103.50	1.05	ppb
Yttrium	89-1				89		%
Yttrium	89-2				87		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-06DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 20:27:12	DataFile Name :	107SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	216.21	222.30	213.96	217.49	1.99	ppb
Zirconium	90-1	89.61	90.29	89.13	89.68	0.65	ppb
Zirconium	91-1	93.01	92.51	90.99	92.17	1.14	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-04ADLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 20:30:49	DataFile Name :	108SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2000.52	1989.81	2005.11	1998.48	0.39	ppb
Antimony	121-1	103.06	102.65	100.12	101.94	1.56	ppb
Arsenic	75-2	110.73	113.50	112.24	112.16	1.24	ppb
Barium	135-1	537.10	525.85	531.28	531.41	1.06	ppb
Barium	137-1	533.65	520.94	524.39	526.33	1.25	ppb
Beryllium	9-1	99.06	98.89	99.87	99.27	0.53	ppb
Bismuth	209-1				89		%
Bismuth	209-2				79		%
Boron	10-1	99.28	100.14	100.58	100.00	0.66	ppb
Boron	11-1	103.59	102.90	104.88	103.79	0.97	ppb
Cadmium	111-1	94.03	96.19	94.09	94.77	1.30	ppb
Cadmium	106-1	89.57	91.16	85.43	88.72	3.33	ppb
Cadmium	108-1	94.78	103.45	100.91	99.71	4.47	ppb
Calcium	43-1	43700.47	44548.51	44369.99	44206.32	1.01	ppb
Calcium	44-1	44944.81	45515.54	45941.80	45467.38	1.10	ppb
Chromium	52-2	106.83	107.26	106.74	106.94	0.26	ppb
Cobalt	59-2	111.45	113.30	113.29	112.68	0.94	ppb
Copper	63-2	225.66	227.36	228.08	227.03	0.55	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				95		%
Holmium	165-2				88		%
Indium	115-1				91		%
Indium	115-2				89		%
Iron	56-2	8054.31	7996.54	7942.86	7997.90	0.70	ppb
Iron	57-2	8373.71	8435.35	8445.16	8418.07	0.46	ppb
Krypton	83-1						cps
Lead	206-1	97.85	97.39	95.73	96.99	1.15	ppb
Lead	207-1	99.21	99.03	99.70	99.31	0.35	ppb
Lead	208-1	97.95	97.79	97.36	97.70	0.31	ppb
Lithium	6-1				74		%
Magnesium	24-2	17018.80	17088.25	17003.14	17036.73	0.27	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-04ADLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 20:30:49	DataFile Name :	108SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	710.99	714.28	699.44	708.24	1.10	ppb
Molybdenum	94-1	466.57	465.95	464.45	465.65	0.23	ppb
Molybdenum	95-1	468.23	462.29	463.31	464.61	0.68	ppb
Molybdenum	96-1	471.92	462.32	463.28	465.84	1.14	ppb
Molybdenum	97-1	470.37	461.45	461.42	464.41	1.11	ppb
Molybdenum	98-1	457.84	456.42	461.41	458.56	0.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	113.49	112.79	112.06	112.78	0.64	ppb
Phosphorus	31-2	-66.20	-57.73	-41.27	-55.06		ppb
Potassium	39-2	5405.95	5393.59	5428.81	5409.45	0.33	ppb
Rhodium	103-1				87		%
Rhodium	103-2				88		%
Scandium	45-1				74		%
Scandium	45-2				77		%
Selenium	77-2	112.26	101.24	88.45	100.65	11.84	ppb
Selenium	78-2	104.93	107.97	104.52	105.81	1.78	ppb
Selenium	82-1	98.60	100.35	99.67	99.54	0.89	ppb
Silicon	28-1	1864.81	1876.46	1899.50	1880.26	0.94	ppb
Silver	109-1	93.53	95.10	91.81	93.48	1.76	ppb
Silver	107-1	94.46	93.81	92.71	93.66	0.95	ppb
Sodium	23-2	10725.06	10710.74	10600.59	10678.79	0.64	ppb
Strontium	86-1	288.14	289.24	290.68	289.35	0.44	ppb
Strontium	88-1	302.16	302.58	301.66	302.13	0.15	ppb
Sulfur	34-1	2.62	-3.71	-126.13	-42.41		ppb
Terbium	159-1				97		%
Terbium	159-2				89		%
Thallium	203-1	94.07	92.68	91.52	92.76	1.38	ppb
Thallium	205-1	93.39	94.91	93.93	94.07	0.82	ppb
Thorium	232-1	0.02	0.01	0.01	0.01	34.76	ppb
Tin	118-1	101.34	99.15	98.07	99.52	1.68	ppb
Titanium	47-1	507.78	507.84	504.13	506.59	0.42	ppb
Uranium	238-1	90.34	90.06	90.78	90.39	0.41	ppb
Vanadium	51-2	104.82	105.34	106.20	105.45	0.66	ppb
Yttrium	89-1				89		%
Yttrium	89-2				88		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-04ADLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 20:30:49	DataFile Name :	108SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	212.57	224.95	222.78	220.10	3.00	ppb
Zirconium	90-1	91.53	91.58	90.11	91.07	0.91	ppb
Zirconium	91-1	95.90	94.91	96.47	95.76	0.82	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P7
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 20:34:25	DataFile Name :	109CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49228.85	49763.35	49609.31	49533.84	0.56	ppb
Antimony	121-1	483.12	480.30	485.24	482.89	0.51	ppb
Arsenic	75-2	483.89	479.05	481.54	481.49	0.50	ppb
Barium	135-1	2431.67	2397.31	2427.86	2418.94	0.78	ppb
Barium	137-1	2487.02	2476.90	2493.57	2485.83	0.34	ppb
Beryllium	9-1	486.73	489.67	489.25	488.55	0.33	ppb
Bismuth	209-1				74		%
Bismuth	209-2				71		%
Boron	10-1	469.73	469.79	473.40	470.97	0.45	ppb
Boron	11-1	454.36	473.17	470.50	466.01	2.18	ppb
Cadmium	111-1	475.89	471.60	471.32	472.94	0.54	ppb
Cadmium	106-1	479.84	473.51	490.69	481.34	1.81	ppb
Cadmium	108-1	477.52	478.21	482.42	479.38	0.55	ppb
Calcium	43-1	239417.94	238151.84	239641.36	239070.38	0.34	ppb
Calcium	44-1	241233.86	238984.01	241012.85	240410.24	0.52	ppb
Chromium	52-2	511.22	515.85	518.10	515.06	0.68	ppb
Cobalt	59-2	511.63	512.91	516.18	513.58	0.46	ppb
Copper	63-2	1042.56	1039.57	1042.18	1041.44	0.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				87		%
Holmium	165-2				86		%
Indium	115-1				80		%
Indium	115-2				84		%
Iron	56-2	129519.74	128984.32	130060.00	129521.35	0.42	ppb
Iron	57-2	129888.37	129305.54	130409.48	129867.80	0.43	ppb
Krypton	83-1						cps
Lead	206-1	503.02	499.61	505.11	502.58	0.55	ppb
Lead	207-1	504.64	509.47	509.76	507.96	0.57	ppb
Lead	208-1	506.87	509.67	511.30	509.28	0.44	ppb
Lithium	6-1				68		%
Magnesium	24-2	230369.48	228739.60	229739.43	229616.17	0.36	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P7
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 20:34:25	DataFile Name :	109CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1024.79	1034.70	1042.69	1034.06	0.87	ppb
Molybdenum	94-1	2483.48	2457.62	2488.25	2476.45	0.67	ppb
Molybdenum	95-1	2478.56	2483.24	2489.37	2483.72	0.22	ppb
Molybdenum	96-1	2482.69	2502.17	2481.77	2488.88	0.46	ppb
Molybdenum	97-1	2472.60	2507.04	2499.90	2493.18	0.73	ppb
Molybdenum	98-1	2477.81	2488.76	2508.75	2491.77	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	519.33	525.15	530.40	524.96	1.06	ppb
Phosphorus	31-2	9289.09	9449.99	9644.38	9461.15	1.88	ppb
Potassium	39-2	118368.97	117400.63	118660.26	118143.29	0.56	ppb
Rhodium	103-1				75		%
Rhodium	103-2				79		%
Scandium	45-1				70		%
Scandium	45-2				75		%
Selenium	77-2	440.69	477.57	461.13	459.80	4.02	ppb
Selenium	78-2	493.05	474.73	485.15	484.31	1.90	ppb
Selenium	82-1	477.06	468.86	467.91	471.28	1.07	ppb
Silicon	28-1	469.66	470.89	474.68	471.74	0.56	ppb
Silver	109-1	492.15	490.34	487.95	490.14	0.43	ppb
Silver	107-1	488.44	489.35	488.70	488.83	0.10	ppb
Sodium	23-2	235627.12	231429.52	235176.41	234077.68	0.98	ppb
Strontium	86-1	494.41	497.45	497.67	496.51	0.37	ppb
Strontium	88-1	507.49	510.05	510.63	509.39	0.33	ppb
Sulfur	34-1	10026.24	9893.24	9822.87	9914.12	1.04	ppb
Terbium	159-1				90		%
Terbium	159-2				86		%
Thallium	203-1	497.98	494.91	500.63	497.84	0.58	ppb
Thallium	205-1	511.47	518.26	525.60	518.44	1.36	ppb
Thorium	232-1	517.00	525.60	532.89	525.16	1.51	ppb
Tin	118-1	479.29	474.65	479.61	477.85	0.58	ppb
Titanium	47-1	2510.42	2490.99	2521.97	2507.79	0.62	ppb
Uranium	238-1	510.49	523.26	528.75	520.84	1.80	ppb
Vanadium	51-2	513.98	511.39	519.45	514.94	0.80	ppb
Yttrium	89-1				83		%
Yttrium	89-2				86		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P7
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 20:34:25	DataFile Name :	109CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1067.35	1055.22	1062.28	1061.62	0.57	ppb
Zirconium	90-1	492.52	491.79	494.62	492.97	0.30	ppb
Zirconium	91-1	488.06	484.51	487.97	486.85	0.42	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P7
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 20:38:04	DataFile Name :	110CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.32	2.34	1.07	1.57	42.86	ppb
Antimony	121-1	0.40	0.37	0.28	0.35	18.52	ppb
Arsenic	75-2	0.03	-0.02	0.08	0.03	175.83	ppb
Barium	135-1	0.20	0.15	0.09	0.15	39.71	ppb
Barium	137-1	0.09	0.08	0.07	0.08	18.06	ppb
Beryllium	9-1	0.13	0.10	0.09	0.11	19.40	ppb
Bismuth	209-1				86		%
Bismuth	209-2				80		%
Boron	10-1	20.29	17.95	18.72	18.98	6.29	ppb
Boron	11-1	20.25	19.19	17.85	19.10	6.29	ppb
Cadmium	111-1	-0.16	-0.04	-0.13	-0.11		ppb
Cadmium	106-1	-3.16	-0.96	-2.48	-2.20		ppb
Cadmium	108-1	-0.13	-0.02	-0.13	-0.09		ppb
Calcium	43-1	10.01	8.26	1.22	6.49	71.67	ppb
Calcium	44-1	8.16	4.71	4.78	5.88	33.52	ppb
Chromium	52-2	0.06	-0.01	-0.02	0.01	424.72	ppb
Cobalt	59-2	0.02	0.02	0.03	0.02	32.34	ppb
Copper	63-2	0.20	0.20	0.21	0.20	3.52	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				86		%
Indium	115-1				88		%
Indium	115-2				89		%
Iron	56-2	6.34	6.51	5.64	6.16	7.51	ppb
Iron	57-2	4.44	9.38	5.26	6.36	41.67	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.16	0.19	0.16	17.94	ppb
Lead	207-1	0.14	0.12	0.14	0.13	10.28	ppb
Lead	208-1	0.15	0.13	0.15	0.14	9.47	ppb
Lithium	6-1				70		%
Magnesium	24-2	9.64	7.96	10.52	9.37	13.87	ppb

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P7
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 20:38:04	DataFile Name :	110CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	0.06	0.06	0.05	21.47	ppb
Molybdenum	94-1	0.33	0.43	0.28	0.34	21.84	ppb
Molybdenum	95-1	0.44	0.35	0.39	0.39	10.66	ppb
Molybdenum	96-1	0.42	0.43	0.40	0.42	3.47	ppb
Molybdenum	97-1	0.44	0.44	0.31	0.40	18.85	ppb
Molybdenum	98-1	0.43	0.48	0.42	0.44	8.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	0.00	0.00		ppb
Phosphorus	31-2	-53.26	-48.87	-61.73	-54.62		ppb
Potassium	39-2	26.52	16.99	13.28	18.93	36.06	ppb
Rhodium	103-1				86		%
Rhodium	103-2				87		%
Scandium	45-1				72		%
Scandium	45-2				75		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	2.67	1.46	1.23	1.79	43.04	ppb
Selenium	82-1	-0.19	0.34	0.08	0.08	340.79	ppb
Silicon	28-1	0.11	0.43	-0.77	-0.08		ppb
Silver	109-1	0.05	0.10	0.06	0.07	34.00	ppb
Silver	107-1	0.08	0.07	0.08	0.08	6.56	ppb
Sodium	23-2	51.92	50.28	46.75	49.65	5.32	ppb
Strontium	86-1	-0.10	-0.06	0.01	-0.05		ppb
Strontium	88-1	0.02	0.02	0.01	0.02	31.48	ppb
Sulfur	34-1	-1163.00	-1129.70	-973.50	-1088.73		ppb
Terbium	159-1				92		%
Terbium	159-2				87		%
Thallium	203-1	0.08	0.06	0.06	0.07	14.72	ppb
Thallium	205-1	0.09	0.10	0.04	0.08	42.88	ppb
Thorium	232-1	0.08	0.06	0.07	0.07	18.02	ppb
Tin	118-1	-0.02	-0.08	0.02	-0.03		ppb
Titanium	47-1	0.15	0.06	0.11	0.11	38.43	ppb
Uranium	238-1	0.03	0.03	0.01	0.02	42.16	ppb
Vanadium	51-2	0.01	0.01	0.02	0.01	39.44	ppb
Yttrium	89-1				86		%
Yttrium	89-2				87		%

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P7
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 20:38:04	DataFile Name :	110CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.23	0.07	0.29	0.20	59.54	ppb
Zirconium	90-1	0.04	0.03	0.05	0.04	20.18	ppb
Zirconium	91-1	0.04	0.07	0.00	0.04	95.97	ppb

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 12:54:31 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	8	25	19	49.50	cps
Antimony	121-1	0	8	17	8	100.02	cps
Arsenic	75-2	0	4	2	2	100.00	cps
Barium	135-1	0	17	8	8	100.02	cps
Barium	137-1	25	0	33	19	89.21	cps
Beryllium	9-1	20	27	37	28	30.20	cps
Bismuth	209-1	1579875	1567418	1556061	1567785	0.76	cps
Bismuth	209-2	922540	932423	938065	931009	0.84	cps
Boron	10-1	375	308	333	339	9.94	cps
Boron	11-1	1442	1417	1325	1395	4.41	cps
Cadmium	111-1	732	612	800	715	13.34	cps
Cadmium	106-1	1033	875	1142	1017	13.19	cps
Cadmium	108-1	0	13	4	6	114.53	cps
Calcium	43-1	92	83	58	78	22.30	cps
Calcium	44-1	4267	3909	4351	4176	5.62	cps
Chromium	52-2	310	303	327	313	3.84	cps
Cobalt	59-2	20	27	10	19	44.42	cps
Copper	63-2	147	133	103	128	17.37	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	8	17	0	8	100.02	cps
Erbium	164-2	0	7	3	3	100.05	cps
Gadolinium	160-1	25	0	17	14	91.65	cps
Gadolinium	160-2	57	60	47	54	12.74	cps
Holmium	165-1	2833838	2843873	2766406	2814706	1.50	cps
Holmium	165-2	1393930	1402057	1413287	1403091	0.69	cps
Indium	115-1	1938791	1928338	1931103	1932744	0.28	cps
Indium	115-2	407190	408668	407591	407816	0.19	cps
Iron	56-2	1600	1567	1506	1558	3.08	cps
Iron	57-2	50	72	100	74	33.82	cps
Krypton	83-1	97	80	113	97	17.24	cps
Lead	206-1	56	83	39	59	37.89	cps
Lead	207-1	89	22	50	54	62.36	cps
Lead	208-1	289	250	222	254	13.20	cps
Lithium	6-1	1395329	1383957	1376532	1385273	0.68	cps
Magnesium	24-2	25	33	42	33	25.01	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 12:54:31	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20	13	13	16	24.76	cps
Molybdenum	94-1	75	100	50	75	33.33	cps
Molybdenum	95-1	33	50	17	33	50.00	cps
Molybdenum	96-1	67	42	58	56	22.91	cps
Molybdenum	97-1	8	17	17	14	34.67	cps
Molybdenum	98-1	58	33	42	44	28.65	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	10	7	23	13	66.12	cps
Phosphorus	31-2	117	133	75	108	27.74	cps
Potassium	39-2	8611	9395	9328	9111	4.77	cps
Rhodium	103-1	1985559	1977443	1979900	1980968	0.21	cps
Rhodium	103-2	949603	944432	947404	947146	0.27	cps
Scandium	45-1	2371838	2349337	2357356	2359511	0.48	cps
Scandium	45-2	109988	112697	111207	111298	1.22	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	15	20	15	17	19.26	cps
Selenium	82-1	14	37	-15	12	209.83	cps
Silicon	28-1	92166	89778	92476	91473	1.61	cps
Silver	109-1	75	25	50	50	50.00	cps
Silver	107-1	92	42	42	58	49.48	cps
Sodium	23-2	5818	6076	5693	5862	3.34	cps
Strontium	86-1	133	217	100	150	40.06	cps
Strontium	88-1	67	58	50	58	14.29	cps
Sulfur	34-1	217125	213787	217581	216164	0.96	cps
Terbium	159-1	2796402	2792093	2786119	2791538	0.18	cps
Terbium	159-2	1433976	1442924	1344130	1407010	3.88	cps
Thallium	203-1	100	33	75	69	48.50	cps
Thallium	205-1	192	208	208	203	4.74	cps
Thorium	232-1	11	17	28	19	45.83	cps
Tin	118-1	233	392	142	256	49.54	cps
Titanium	47-1	50	42	42	44	10.82	cps
Uranium	238-1	58	33	25	39	44.61	cps
Vanadium	51-2	3	3	3	3	0.00	cps
Yttrium	89-1	2766030	2739969	2759372	2755124	0.49	cps
Yttrium	89-2	397310	400869	401799	399993	0.59	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 12:54:31	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	53	70	37	53	31.25	cps
Zirconium	90-1	250	250	192	231	14.61	cps
Zirconium	91-1	83	75	50	69	24.98	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 13:02:22 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	708	808	1025	847	19.11	cps
Antimony	121-1	4009	3992	3942	3981	0.87	cps
Arsenic	75-2	98	89	106	98	8.56	cps
Barium	135-1	5643	5618	5168	5476	4.88	cps
Barium	137-1	9821	9896	9904	9873	0.47	cps
Beryllium	9-1	1110	1100	1150	1120	2.36	cps
Bismuth	209-1	1541929	1550454	1522668	1538350	0.93	cps
Bismuth	209-2	908433	928437	929507	922126	1.29	cps
Boron	10-1	4801	5034	5184	5007	3.86	cps
Boron	11-1	22025	21666	21199	21630	1.92	cps
Cadmium	111-1	1196	1214	1272	1227	3.23	cps
Cadmium	106-1	1100	933	1150	1061	10.69	cps
Cadmium	108-1	58	21	42	40	46.65	cps
Calcium	43-1	6218	5985	6285	6163	2.56	cps
Calcium	44-1	101044	103024	98905	100991	2.04	cps
Chromium	52-2	2304	2500	2297	2367	4.88	cps
Cobalt	59-2	1497	1417	1437	1450	2.87	cps
Copper	63-2	1820	1923	1933	1892	3.32	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	8	8	8	8	0.00	cps
Erbium	164-2	7	10	0	6	91.64	cps
Gadolinium	160-1	17	25	8	17	50.01	cps
Gadolinium	160-2	40	43	43	42	4.55	cps
Holmium	165-1	2573760	2617318	2552887	2581322	1.27	cps
Holmium	165-2	1372084	1395091	1400325	1389167	1.08	cps
Indium	115-1	1878996	1899590	1869791	1882792	0.81	cps
Indium	115-2	404287	410358	412655	409100	1.06	cps
Iron	56-2	43019	44028	44239	43762	1.49	cps
Iron	57-2	1178	1245	1233	1219	2.93	cps
Krypton	83-1	90	103	97	97	6.90	cps
Lead	206-1	1683	1789	1550	1674	7.15	cps
Lead	207-1	1383	1317	1378	1359	2.72	cps
Lead	208-1	6279	6379	6317	6325	0.80	cps
Lithium	6-1	1380467	1387348	1374313	1380709	0.47	cps
Magnesium	24-2	54232	55336	55579	55049	1.30	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:02:22	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	597	647	670	638	5.87	cps
Molybdenum	94-1	5026	5201	5109	5112	1.71	cps
Molybdenum	95-1	6652	6952	6869	6824	2.27	cps
Molybdenum	96-1	7336	7294	7877	7502	4.34	cps
Molybdenum	97-1	4209	3992	4051	4084	2.75	cps
Molybdenum	98-1	10963	11038	11121	11041	0.72	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	347	423	340	370	12.52	cps
Phosphorus	31-2	267	258	308	278	9.64	cps
Potassium	39-2	55931	55856	56667	56151	0.80	cps
Rhodium	103-1	1929765	1963956	1934999	1942907	0.95	cps
Rhodium	103-2	933133	940122	953525	942260	1.10	cps
Scandium	45-1	2291426	2323773	2301410	2305537	0.72	cps
Scandium	45-2	109840	110481	110884	110402	0.48	cps
Selenium	77-2	7	7	20	11	69.25	cps
Selenium	78-2	67	69	78	71	8.39	cps
Selenium	82-1	306	251	255	271	11.37	cps
Silicon	28-1	120271	120122	119264	119886	0.45	cps
Silver	109-1	2625	2709	2742	2692	2.23	cps
Silver	107-1	2725	2667	2759	2717	1.71	cps
Sodium	23-2	111688	111655	113267	112203	0.82	cps
Strontium	86-1	992	825	1008	942	10.77	cps
Strontium	88-1	7260	7752	6994	7336	5.25	cps
Sulfur	34-1	213946	209814	211328	211696	0.99	cps
Terbium	159-1	2833604	2854807	2826835	2838416	0.51	cps
Terbium	159-2	1410319	1428868	1434096	1424428	0.88	cps
Thallium	203-1	1817	1992	1967	1925	4.92	cps
Thallium	205-1	4684	4593	4851	4709	2.78	cps
Thorium	232-1	7030	6863	6791	6895	1.78	cps
Tin	118-1	8670	9103	9371	9048	3.91	cps
Titanium	47-1	2700	2850	3017	2856	5.55	cps
Uranium	238-1	7252	7477	7319	7350	1.57	cps
Vanadium	51-2	4898	4958	4661	4839	3.24	cps
Yttrium	89-1	2708682	2740482	2718831	2722665	0.60	cps
Yttrium	89-2	395655	395885	400747	397429	0.72	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:02:22	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	353	310	333	332	6.53	cps
Zirconium	90-1	4518	4092	4668	4426	6.74	cps
Zirconium	91-1	975	908	842	908	7.34	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:06:27	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	47025	45838	46565	46476	1.29	cps
Antimony	121-1	103823	105201	106309	105111	1.18	cps
Arsenic	75-2	4541	4549	4551	4547	0.11	cps
Barium	135-1	143014	143013	142717	142915	0.12	cps
Barium	137-1	251704	245984	247980	248556	1.17	cps
Beryllium	9-1	58860	57438	57913	58071	1.25	cps
Bismuth	209-1	1544664	1539542	1535164	1539790	0.31	cps
Bismuth	209-2	919351	910881	931429	920554	1.12	cps
Boron	10-1	9979	10045	10804	10276	4.46	cps
Boron	11-1	44358	44425	44759	44514	0.48	cps
Cadmium	111-1	30288	30320	29938	30182	0.70	cps
Cadmium	106-1	3876	4426	4543	4281	8.32	cps
Cadmium	108-1	2538	2529	2392	2486	3.29	cps
Calcium	43-1	63161	64458	62927	63515	1.30	cps
Calcium	44-1	1017351	1009547	1009360	1012086	0.45	cps
Chromium	52-2	54547	54019	55153	54573	1.04	cps
Cobalt	59-2	71768	71081	70834	71227	0.68	cps
Copper	63-2	88220	87077	88090	87796	0.71	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	0	0	17	6	173.21	cps
Erbium	164-2	7	0	10	6	91.64	cps
Gadolinium	160-1	8	8	17	11	43.34	cps
Gadolinium	160-2	73	40	70	61	30.04	cps
Holmium	165-1	2796251	2818927	2794451	2803210	0.49	cps
Holmium	165-2	1401149	1323114	1421285	1381849	3.75	cps
Indium	115-1	1860573	1855606	1861825	1859335	0.18	cps
Indium	115-2	405860	407636	409244	407580	0.42	cps
Iron	56-2	1902650	1902770	1893734	1899718	0.27	cps
Iron	57-2	49874	49562	50337	49924	0.78	cps
Krypton	83-1	67	80	87	78	13.09	cps
Lead	206-1	85770	86464	85747	85994	0.47	cps
Lead	207-1	75307	75587	74056	74983	1.09	cps
Lead	208-1	342384	340279	339094	340586	0.49	cps
Lithium	6-1	1374750	1378258	1375365	1376124	0.14	cps
Magnesium	24-2	541005	548306	554042	547784	1.19	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:06:27	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	63071	61843	63356	62757	1.28	cps
Molybdenum	94-1	293420	292784	290218	292141	0.58	cps
Molybdenum	95-1	365997	365577	358697	363423	1.13	cps
Molybdenum	96-1	405710	400959	405173	403947	0.64	cps
Molybdenum	97-1	224186	226338	222283	224269	0.90	cps
Molybdenum	98-1	577986	575156	568780	573974	0.82	cps
Neodymium	150-1	40	13	13	22	69.30	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	17741	17184	17601	17508	1.66	cps
Phosphorus	31-2	2700	2592	2725	2673	2.65	cps
Potassium	39-2	247504	246372	247999	247292	0.34	cps
Rhodium	103-1	1914484	1908305	1914174	1912321	0.18	cps
Rhodium	103-2	936345	938781	946524	940550	0.57	cps
Scandium	45-1	2275162	2274033	2278654	2275950	0.11	cps
Scandium	45-2	111156	110202	111126	110828	0.49	cps
Selenium	77-2	123	157	147	142	12.03	cps
Selenium	78-2	511	513	454	493	6.84	cps
Selenium	82-1	2869	2956	2991	2939	2.14	cps
Silicon	28-1	247963	247920	248185	248022	0.06	cps
Silver	109-1	131019	132440	131481	131646	0.55	cps
Silver	107-1	137216	139708	137463	138129	0.99	cps
Sodium	23-2	1091486	1093587	1096943	1094005	0.25	cps
Strontium	86-1	45506	44520	44453	44826	1.32	cps
Strontium	88-1	379530	381647	378927	380035	0.38	cps
Sulfur	34-1	234746	234829	228949	232842	1.45	cps
Terbium	159-1	2829779	2818421	2837689	2828630	0.34	cps
Terbium	159-2	1417343	1443389	1451500	1437410	1.24	cps
Thallium	203-1	100771	101352	102997	101707	1.14	cps
Thallium	205-1	245515	246321	242307	244714	0.87	cps
Thorium	232-1	399668	398079	394262	397337	0.70	cps
Tin	118-1	89543	89392	89476	89470	0.08	cps
Titanium	47-1	137385	138150	138545	138027	0.43	cps
Uranium	238-1	402184	392065	392931	395727	1.42	cps
Vanadium	51-2	45396	45988	46229	45871	0.93	cps
Yttrium	89-1	2710433	2707556	2715827	2711272	0.15	cps
Yttrium	89-2	393590	399092	398809	397164	0.78	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:06:27	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	13476	13280	13977	13578	2.65	cps
Zirconium	90-1	240377	242024	236845	239749	1.10	cps
Zirconium	91-1	55768	54463	55299	55176	1.20	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 13:10:31 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	109524	112429	108676	110210	1.79	cps
Antimony	121-1	260571	261344	260958	260958	0.15	cps
Arsenic	75-2	10834	11314	10811	10986	2.58	cps
Barium	135-1	365488	356579	355710	359259	1.51	cps
Barium	137-1	624945	618941	613195	619027	0.95	cps
Beryllium	9-1	141427	141243	139420	140697	0.79	cps
Bismuth	209-1	1513920	1530778	1526924	1523874	0.58	cps
Bismuth	209-2	895037	895684	891604	894108	0.25	cps
Boron	10-1	24579	24529	24287	24465	0.64	cps
Boron	11-1	106112	103947	106330	105463	1.25	cps
Cadmium	111-1	72960	73818	74017	73599	0.76	cps
Cadmium	106-1	9629	9237	9512	9459	2.13	cps
Cadmium	108-1	5964	5735	6114	5937	3.22	cps
Calcium	43-1	155172	154676	154110	154653	0.34	cps
Calcium	44-1	2440588	2391523	2401176	2411096	1.08	cps
Chromium	52-2	129758	132499	130955	131071	1.05	cps
Cobalt	59-2	170842	172784	169783	171136	0.89	cps
Copper	63-2	208541	210505	208887	209311	0.50	cps
Dysprosium	156-1	0	25	8	11	114.58	cps
Dysprosium	156-2	7	7	13	9	43.25	cps
Erbium	164-1	8	8	0	6	86.60	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	17	0	8	8	100.02	cps
Gadolinium	160-2	53	63	27	48	39.66	cps
Holmium	165-1	2753261	2812800	2802563	2789541	1.14	cps
Holmium	165-2	1295895	1289101	1362770	1315922	3.09	cps
Indium	115-1	1829171	1831003	1828141	1829438	0.08	cps
Indium	115-2	392524	393194	386395	390705	0.96	cps
Iron	56-2	4561729	4571884	4536849	4556821	0.40	cps
Iron	57-2	119158	120703	119414	119758	0.69	cps
Krypton	83-1	80	107	93	93	14.29	cps
Lead	206-1	217044	217370	217559	217324	0.12	cps
Lead	207-1	185175	184681	185034	184963	0.14	cps
Lead	208-1	844236	850942	855610	850263	0.67	cps
Lithium	6-1	1345988	1344289	1344721	1344999	0.07	cps
Magnesium	24-2	1270418	1294522	1278802	1281248	0.96	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:10:31	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	148072	151473	149774	149773	1.14	cps
Molybdenum	94-1	722109	720582	706091	716261	1.23	cps
Molybdenum	95-1	891815	880407	892883	888368	0.78	cps
Molybdenum	96-1	986115	976494	977168	979926	0.55	cps
Molybdenum	97-1	555700	549682	548504	551295	0.70	cps
Molybdenum	98-1	1393184	1410783	1403200	1402389	0.63	cps
Neodymium	150-1	20	20	13	18	21.66	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	42090	42779	42074	42314	0.95	cps
Phosphorus	31-2	6443	7127	6677	6749	5.15	cps
Potassium	39-2	569896	588621	569647	576055	1.89	cps
Rhodium	103-1	1860940	1863078	1886838	1870285	0.77	cps
Rhodium	103-2	895268	897884	883634	892262	0.85	cps
Scandium	45-1	2239315	2189029	2201134	2209826	1.19	cps
Scandium	45-2	105439	103533	102837	103936	1.30	cps
Selenium	77-2	343	347	363	351	3.05	cps
Selenium	78-2	1076	1189	1100	1122	5.31	cps
Selenium	82-1	7121	7056	7143	7106	0.64	cps
Silicon	28-1	466921	465299	465602	465941	0.19	cps
Silver	109-1	323992	321145	320735	321957	0.55	cps
Silver	107-1	339120	339546	337145	338604	0.38	cps
Sodium	23-2	2543886	2559001	2505357	2536081	1.09	cps
Strontium	86-1	107575	109767	111363	109568	1.74	cps
Strontium	88-1	927837	930742	916360	924980	0.82	cps
Sulfur	34-1	262625	259964	258741	260443	0.76	cps
Terbium	159-1	2832879	2840045	2838142	2837022	0.13	cps
Terbium	159-2	1403160	1303040	1285526	1330575	4.77	cps
Thallium	203-1	255436	255618	255690	255581	0.05	cps
Thallium	205-1	611065	620355	612596	614672	0.81	cps
Thorium	232-1	997786	1005126	1006928	1003280	0.48	cps
Tin	118-1	224079	219910	219330	221106	1.17	cps
Titanium	47-1	336911	329934	330873	332573	1.14	cps
Uranium	238-1	998988	997645	1011262	1002631	0.75	cps
Vanadium	51-2	110759	111625	110332	110905	0.59	cps
Yttrium	89-1	2644201	2657516	2652042	2651253	0.25	cps
Yttrium	89-2	382741	378401	375327	378823	0.98	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:10:31	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	33749	33468	33452	33556	0.50	cps
Zirconium	90-1	590903	595078	586536	590839	0.72	cps
Zirconium	91-1	130861	135342	136378	134194	2.19	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:14:27	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	206175	204529	208939	206548	1.08	cps
Antimony	121-1	511017	513779	510315	511704	0.36	cps
Arsenic	75-2	21470	21110	21362	21314	0.87	cps
Barium	135-1	690723	698720	698105	695849	0.64	cps
Barium	137-1	1198946	1199652	1211918	1203506	0.61	cps
Beryllium	9-1	263052	262424	259877	261784	0.64	cps
Bismuth	209-1	1515689	1517807	1547662	1527053	1.17	cps
Bismuth	209-2	893713	901596	905064	900124	0.65	cps
Boron	10-1	46940	46572	46088	46534	0.92	cps
Boron	11-1	198983	199441	202107	200177	0.84	cps
Cadmium	111-1	142579	142764	141494	142279	0.48	cps
Cadmium	106-1	17144	17495	17103	17247	1.25	cps
Cadmium	108-1	11130	11630	11726	11495	2.79	cps
Calcium	43-1	292667	291205	288696	290856	0.69	cps
Calcium	44-1	4585136	4604471	4540086	4576564	0.72	cps
Chromium	52-2	245597	246658	247658	246638	0.42	cps
Cobalt	59-2	322628	321652	323464	322581	0.28	cps
Copper	63-2	394077	393584	398760	395474	0.72	cps
Dysprosium	156-1	25	25	0	17	86.60	cps
Dysprosium	156-2	20	30	13	21	39.75	cps
Erbium	164-1	8	0	17	8	100.02	cps
Erbium	164-2	0	7	3	3	100.05	cps
Gadolinium	160-1	25	25	8	19	49.50	cps
Gadolinium	160-2	40	50	57	49	17.16	cps
Holmium	165-1	2786264	2772884	2831363	2796837	1.10	cps
Holmium	165-2	1387357	1391561	1416854	1398591	1.14	cps
Indium	115-1	1784723	1779155	1813702	1792527	1.03	cps
Indium	115-2	386389	385580	390974	387648	0.75	cps
Iron	56-2	8705157	8614421	8742402	8687327	0.76	cps
Iron	57-2	229422	226634	232281	229445	1.23	cps
Krypton	83-1	90	100	87	92	7.52	cps
Lead	206-1	428054	428840	431423	429439	0.41	cps
Lead	207-1	364190	370164	370803	368385	0.99	cps
Lead	208-1	1678774	1692270	1703370	1691472	0.73	cps
Lithium	6-1	1300908	1294520	1305327	1300252	0.42	cps
Magnesium	24-2	2445168	2424023	2451507	2440233	0.59	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:14:27	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	284636	282624	287726	284995	0.90	cps
Molybdenum	94-1	1380883	1374327	1364682	1373297	0.59	cps
Molybdenum	95-1	1685710	1691320	1664733	1680588	0.83	cps
Molybdenum	96-1	1860387	1870220	1837033	1855880	0.92	cps
Molybdenum	97-1	1039458	1036501	1022628	1032862	0.87	cps
Molybdenum	98-1	2719552	2707640	2663274	2696822	1.10	cps
Neodymium	150-1	60	80	20	53	57.28	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	79698	79839	80104	79880	0.26	cps
Phosphorus	31-2	11914	12080	12547	12180	2.70	cps
Potassium	39-2	1081678	1060918	1088960	1077185	1.35	cps
Rhodium	103-1	1788589	1786724	1817526	1797613	0.96	cps
Rhodium	103-2	887356	893776	885344	888825	0.50	cps
Scandium	45-1	2116834	2111408	2134098	2120780	0.56	cps
Scandium	45-2	101958	102730	103304	102664	0.66	cps
Selenium	77-2	607	610	640	619	2.97	cps
Selenium	78-2	2135	2182	2239	2185	2.38	cps
Selenium	82-1	13544	13697	13800	13680	0.94	cps
Silicon	28-1	790176	798099	791683	793319	0.53	cps
Silver	109-1	614697	619784	609085	614522	0.87	cps
Silver	107-1	647893	654704	639330	647309	1.19	cps
Sodium	23-2	4861345	4765547	4852157	4826350	1.10	cps
Strontium	86-1	212341	208910	212430	211227	0.95	cps
Strontium	88-1	1759629	1762618	1755747	1759331	0.20	cps
Sulfur	34-1	293352	289199	288542	290364	0.90	cps
Terbium	159-1	2820315	2823954	2873637	2839302	1.05	cps
Terbium	159-2	1418321	1415250	1425749	1419773	0.38	cps
Thallium	203-1	506591	503597	507360	505849	0.39	cps
Thallium	205-1	1222791	1215453	1225671	1221305	0.43	cps
Thorium	232-1	2014956	2022413	2006186	2014519	0.40	cps
Tin	118-1	429138	430479	428290	429302	0.26	cps
Titanium	47-1	626576	626644	621874	625031	0.44	cps
Uranium	238-1	1976449	1990533	1969720	1978901	0.54	cps
Vanadium	51-2	210977	208924	214539	211480	1.34	cps
Yttrium	89-1	2592433	2599845	2617776	2603351	0.50	cps
Yttrium	89-2	378324	373646	379971	377313	0.87	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:14:27	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	61054	61502	60719	61092	0.64	cps
Zirconium	90-1	1133577	1142198	1132088	1135954	0.48	cps
Zirconium	91-1	257437	261954	257004	258798	1.06	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 13:18:21 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	422328	421331	431180	424946	1.28	cps
Antimony	121-1	1023657	1030678	1028011	1027449	0.34	cps
Arsenic	75-2	42997	43099	43272	43122	0.32	cps
Barium	135-1	1383752	1404745	1400830	1396443	0.80	cps
Barium	137-1	2387265	2424787	2378827	2396960	1.02	cps
Beryllium	9-1	514507	521693	513865	516688	0.84	cps
Bismuth	209-1	1482338	1506027	1487937	1492101	0.83	cps
Bismuth	209-2	885631	893758	910992	896794	1.44	cps
Boron	10-1	90956	92759	93153	92290	1.27	cps
Boron	11-1	389856	397027	399083	395322	1.23	cps
Cadmium	111-1	281621	283327	282092	282347	0.31	cps
Cadmium	106-1	33348	32547	33883	33259	2.02	cps
Cadmium	108-1	21588	22284	22581	22151	2.30	cps
Calcium	43-1	586590	596094	589359	590681	0.83	cps
Calcium	44-1	9259376	9303293	9287331	9283333	0.24	cps
Chromium	52-2	503012	503726	512683	506473	1.06	cps
Cobalt	59-2	657885	650814	667107	658602	1.24	cps
Copper	63-2	798060	801481	810508	803350	0.80	cps
Dysprosium	156-1	33	58	17	36	58.08	cps
Dysprosium	156-2	37	37	50	41	18.72	cps
Erbium	164-1	8	33	8	17	86.62	cps
Erbium	164-2	13	23	3	13	75.02	cps
Gadolinium	160-1	25	67	25	39	61.86	cps
Gadolinium	160-2	67	50	73	63	18.98	cps
Holmium	165-1	2787548	2822780	2814815	2808381	0.66	cps
Holmium	165-2	1320212	1420933	1443880	1395008	4.72	cps
Indium	115-1	1742589	1780300	1782907	1768599	1.28	cps
Indium	115-2	384014	386683	394180	388292	1.36	cps
Iron	56-2	17786897	17584549	17891905	17754450	0.88	cps
Iron	57-2	465931	466230	476668	469609	1.30	cps
Krypton	83-1	73	90	73	79	12.20	cps
Lead	206-1	836306	845195	846481	842660	0.66	cps
Lead	207-1	737797	742957	743910	741555	0.44	cps
Lead	208-1	3307834	3325818	3333178	3322277	0.39	cps
Lithium	6-1	1266739	1279647	1274527	1273637	0.51	cps
Magnesium	24-2	4990701	4926158	5072798	4996552	1.47	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:18:21	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	584723	585150	596442	588772	1.13	cps
Molybdenum	94-1	2765974	2775265	2751193	2764144	0.44	cps
Molybdenum	95-1	3368342	3415954	3409504	3397933	0.76	cps
Molybdenum	96-1	3757789	3795520	3750092	3767800	0.65	cps
Molybdenum	97-1	2112355	2119594	2099812	2110587	0.47	cps
Molybdenum	98-1	5421026	5482844	5443172	5449014	0.57	cps
Neodymium	150-1	113	180	133	142	24.05	cps
Neodymium	150-2	27	17	23	22	22.91	cps
Nickel	60-2	163611	164430	164814	164285	0.37	cps
Phosphorus	31-2	24437	24563	25397	24799	2.10	cps
Potassium	39-2	2165330	2159894	2205760	2176995	1.15	cps
Rhodium	103-1	1754823	1773741	1764634	1764399	0.54	cps
Rhodium	103-2	886412	873647	900632	886897	1.52	cps
Scandium	45-1	2080887	2127456	2112269	2106871	1.13	cps
Scandium	45-2	103566	103700	106620	104629	1.65	cps
Selenium	77-2	1267	1310	1440	1339	6.74	cps
Selenium	78-2	4451	4534	4527	4504	1.02	cps
Selenium	82-1	27032	27092	27353	27159	0.63	cps
Silicon	28-1	1485249	1515536	1503152	1501312	1.01	cps
Silver	109-1	1202966	1220002	1199953	1207640	0.90	cps
Silver	107-1	1256612	1274324	1274357	1268431	0.81	cps
Sodium	23-2	9961060	9853215	9962624	9925633	0.63	cps
Strontium	86-1	420634	425772	428333	424913	0.92	cps
Strontium	88-1	3504452	3557168	3534630	3532083	0.75	cps
Sulfur	34-1	394273	395560	393790	394541	0.23	cps
Terbium	159-1	2803536	2844369	2816162	2821356	0.74	cps
Terbium	159-2	1428042	1312843	1466017	1402301	5.69	cps
Thallium	203-1	1001894	1022211	1022519	1015542	1.16	cps
Thallium	205-1	2399764	2392984	2427276	2406674	0.75	cps
Thorium	232-1	4026202	4087865	4080780	4064949	0.83	cps
Tin	118-1	861037	867071	862134	863414	0.37	cps
Titanium	47-1	1260965	1249256	1243609	1251277	0.71	cps
Uranium	238-1	3986060	4013317	4003264	4000880	0.34	cps
Vanadium	51-2	436522	433647	443108	437759	1.11	cps
Yttrium	89-1	2544673	2603649	2584815	2577713	1.17	cps
Yttrium	89-2	382454	380954	392737	385382	1.66	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:18:21	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	130995	129360	132101	130819	1.05	cps
Zirconium	90-1	2292942	2327237	2314179	2311452	0.75	cps
Zirconium	91-1	507059	513586	510887	510511	0.64	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 13:22:12 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	850189	858801	869215	859402	1.11	cps
Antimony	121-1	2003025	2021306	2033458	2019263	0.76	cps
Arsenic	75-2	87923	88825	89331	88693	0.80	cps
Barium	135-1	2767262	2769975	2815245	2784161	0.97	cps
Barium	137-1	4853957	4900888	4970252	4908366	1.19	cps
Beryllium	9-1	999473	1008055	1018135	1008554	0.93	cps
Bismuth	209-1	1487386	1473762	1485276	1482141	0.49	cps
Bismuth	209-2	888835	907189	902012	899345	1.05	cps
Boron	10-1	177750	181485	188012	182416	2.85	cps
Boron	11-1	776417	783218	799959	786531	1.54	cps
Cadmium	111-1	579651	581918	586944	582838	0.64	cps
Cadmium	106-1	67085	68541	68592	68073	1.26	cps
Cadmium	108-1	46104	45724	46393	46074	0.73	cps
Calcium	43-1	1186013	1189000	1192907	1189307	0.29	cps
Calcium	44-1	19161255	19242574	19281368	19228399	0.32	cps
Chromium	52-2	1020329	1022300	1031042	1024557	0.56	cps
Cobalt	59-2	1308838	1338183	1341395	1329472	1.35	cps
Copper	63-2	1609881	1610952	1616256	1612363	0.21	cps
Dysprosium	156-1	75	33	58	56	37.75	cps
Dysprosium	156-2	53	73	77	68	18.63	cps
Erbium	164-1	8	0	17	8	100.02	cps
Erbium	164-2	7	10	7	8	24.71	cps
Gadolinium	160-1	42	8	17	22	78.07	cps
Gadolinium	160-2	73	67	57	66	12.79	cps
Holmium	165-1	2850598	2863658	2884482	2866246	0.60	cps
Holmium	165-2	1351771	1469522	1346377	1389223	5.01	cps
Indium	115-1	1791381	1788414	1807825	1795873	0.58	cps
Indium	115-2	391850	400504	400792	397715	1.28	cps
Iron	56-2	36088306	36095209	36020155	36067890	0.12	cps
Iron	57-2	938072	956491	956944	950502	1.13	cps
Krypton	83-1	77	140	90	102	32.66	cps
Lead	206-1	1627684	1619874	1626086	1624548	0.25	cps
Lead	207-1	1396668	1400813	1410860	1402780	0.52	cps
Lead	208-1	6448717	6460853	6478119	6462563	0.23	cps
Lithium	6-1	1276226	1278487	1277819	1277511	0.09	cps
Magnesium	24-2	10146177	10097291	10117853	10120440	0.24	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 13:22:12 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1171735	1183398	1197923	1184352	1.11	cps
Molybdenum	94-1	5673342	5689374	5685014	5682577	0.15	cps
Molybdenum	95-1	6982836	6987936	7035737	7002170	0.42	cps
Molybdenum	96-1	7671870	7800839	7749735	7740815	0.84	cps
Molybdenum	97-1	4283615	4395305	4376979	4351966	1.38	cps
Molybdenum	98-1	11158133	11314736	11296329	11256399	0.76	cps
Neodymium	150-1	240	180	207	209	14.39	cps
Neodymium	150-2	23	33	33	30	19.25	cps
Nickel	60-2	325339	330499	329635	328491	0.84	cps
Phosphorus	31-2	51665	50938	53079	51894	2.10	cps
Potassium	39-2	4472621	4453009	4428177	4451269	0.50	cps
Rhodium	103-1	1791170	1816299	1802431	1803300	0.70	cps
Rhodium	103-2	900251	911882	913488	908540	0.80	cps
Scandium	45-1	2221229	2226497	2223919	2223882	0.12	cps
Scandium	45-2	109531	111546	110693	110590	0.91	cps
Selenium	77-2	2800	2877	2677	2785	3.62	cps
Selenium	78-2	8962	9108	8940	9003	1.02	cps
Selenium	82-1	54403	54905	55371	54893	0.88	cps
Silicon	28-1	2868474	2905777	2922772	2899008	0.96	cps
Silver	109-1	2497910	2484157	2513741	2498603	0.59	cps
Silver	107-1	2593280	2612922	2620562	2608921	0.54	cps
Sodium	23-2	20048460	19991081	20158993	20066178	0.43	cps
Strontium	86-1	859507	868491	862171	863390	0.53	cps
Strontium	88-1	7218381	7328625	7279702	7275569	0.76	cps
Sulfur	34-1	610997	617417	619500	615971	0.72	cps
Terbium	159-1	2913795	2902760	2921708	2912754	0.33	cps
Terbium	159-2	1448146	1357286	1492005	1432479	4.80	cps
Thallium	203-1	2006448	1989810	2007535	2001264	0.50	cps
Thallium	205-1	4762431	4726449	4796622	4761834	0.74	cps
Thorium	232-1	8260143	8216071	8190202	8222138	0.43	cps
Tin	118-1	1719055	1735562	1752781	1735799	0.97	cps
Titanium	47-1	2621291	2640887	2663032	2641737	0.79	cps
Uranium	238-1	8047127	8037976	7987403	8024169	0.40	cps
Vanadium	51-2	893625	897242	894957	895275	0.20	cps
Yttrium	89-1	2691636	2704505	2692990	2696377	0.26	cps
Yttrium	89-2	398677	403416	407310	403134	1.07	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:22:12	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	262028	267596	266547	265390	1.11	cps
Zirconium	90-1	4748564	4794895	4780419	4774626	0.50	cps
Zirconium	91-1	1036684	1042523	1029285	1036164	0.64	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 13:26:02 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4261446	4349470	4337452	4316122	1.11	cps
Antimony	121-1	2759	2792	3017	2856	4.92	cps
Arsenic	75-2	139	144	98	127	19.88	cps
Barium	135-1	558	442	475	492	12.22	cps
Barium	137-1	942	942	733	872	13.79	cps
Beryllium	9-1	203	200	167	190	10.67	cps
Bismuth	209-1	1288894	1285689	1259214	1277933	1.27	cps
Bismuth	209-2	750796	764068	775975	763613	1.65	cps
Boron	10-1	10304	9253	8886	9481	7.76	cps
Boron	11-1	43455	41909	38425	41263	6.24	cps
Cadmium	111-1	665	757	824	749	10.65	cps
Cadmium	106-1	900	967	1050	972	7.73	cps
Cadmium	108-1	33	17	4	18	81.02	cps
Calcium	43-1	5836469	5847018	5780929	5821472	0.61	cps
Calcium	44-1	93301213	94043173	92575544	93306643	0.79	cps
Chromium	52-2	18055	18872	18388	18438	2.23	cps
Cobalt	59-2	15412	16219	16526	16052	3.59	cps
Copper	63-2	1954	2290	2264	2169	8.63	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	13	7	7	9	43.25	cps
Erbium	164-1	8	0	17	8	100.02	cps
Erbium	164-2	10	13	3	9	57.30	cps
Gadolinium	160-1	42	42	25	36	26.65	cps
Gadolinium	160-2	30	37	67	44	43.95	cps
Holmium	165-1	2569330	2601662	2571118	2580703	0.70	cps
Holmium	165-2	1334696	1352797	1380143	1355878	1.69	cps
Indium	115-1	1623823	1638565	1611384	1624591	0.84	cps
Indium	115-2	371697	381754	385059	379504	1.83	cps
Iron	56-2	173738398	175958521	175912032	175202984	0.72	cps
Iron	57-2	4396357	4439664	4505753	4447258	1.24	cps
Krypton	83-1	100	100	97	99	1.94	cps
Lead	206-1	1333	1278	1428	1346	5.63	cps
Lead	207-1	1245	1172	1139	1185	4.55	cps
Lead	208-1	5484	5412	5078	5325	4.06	cps
Lithium	6-1	1198633	1212948	1190162	1200581	0.96	cps
Magnesium	24-2	49533615	50339374	50185206	50019398	0.86	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:26:02	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3340	3527	3347	3405	3.11	cps
Molybdenum	94-1	3417	3376	3251	3348	2.59	cps
Molybdenum	95-1	4668	4801	4526	4665	2.95	cps
Molybdenum	96-1	7644	7569	7077	7430	4.15	cps
Molybdenum	97-1	3134	3075	2959	3056	2.92	cps
Molybdenum	98-1	7686	7427	6977	7363	4.87	cps
Neodymium	150-1	40	27	7	24	68.62	cps
Neodymium	150-2	17	20	7	14	48.02	cps
Nickel	60-2	6311	6205	6308	6275	0.97	cps
Phosphorus	31-2	100	192	75	122	50.26	cps
Potassium	39-2	22570794	22900945	23120661	22864134	1.21	cps
Rhodium	103-1	1567792	1588621	1564482	1573632	0.83	cps
Rhodium	103-2	786730	798263	808171	797721	1.35	cps
Scandium	45-1	2120749	2144649	2121209	2128869	0.64	cps
Scandium	45-2	107658	108896	111079	109211	1.59	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	24	26	22	24	7.71	cps
Selenium	82-1	75	44	45	55	31.94	cps
Silicon	28-1	459532	465654	470358	465181	1.17	cps
Silver	109-1	300	300	208	269	19.64	cps
Silver	107-1	342	292	292	308	9.36	cps
Sodium	23-2	98471386	100148102	100326173	99648554	1.03	cps
Strontium	86-1	3667	3434	3267	3456	5.82	cps
Strontium	88-1	29773	29448	30049	29757	1.01	cps
Sulfur	34-1	167523	170075	168793	168797	0.76	cps
Terbium	159-1	2599369	2642047	2617863	2619760	0.82	cps
Terbium	159-2	1347999	1371778	1398977	1372918	1.86	cps
Thallium	203-1	800	883	675	786	13.34	cps
Thallium	205-1	2075	1925	1667	1889	10.94	cps
Thorium	232-1	2228	1745	1628	1867	17.04	cps
Tin	118-1	800	733	867	800	8.33	cps
Titanium	47-1	592	767	808	722	15.92	cps
Uranium	238-1	833	858	767	820	5.78	cps
Vanadium	51-2	147	190	193	177	14.74	cps
Yttrium	89-1	2503213	2518072	2479372	2500219	0.78	cps
Yttrium	89-2	384714	389674	396949	390446	1.58	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:26:02	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2094	2197	2054	2115	3.50	cps
Zirconium	90-1	1475	1542	1392	1470	5.11	cps
Zirconium	91-1	283	400	392	358	18.16	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 13:33:13 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21057	21307	22301	21555	3.05	cps
Antimony	121-1	399747	398343	397698	398596	0.26	cps
Arsenic	75-2	18089	17872	17909	17957	0.65	cps
Barium	135-1	54893	54516	56465	55292	1.87	cps
Barium	137-1	96862	95512	97651	96675	1.12	cps
Beryllium	9-1	108393	106473	107621	107495	0.90	cps
Bismuth	209-1	1488938	1518420	1530751	1512703	1.42	cps
Bismuth	209-2	944875	931236	928754	934955	0.93	cps
Boron	10-1	3476	2950	3259	3228	8.17	cps
Boron	11-1	13465	12956	13206	13209	1.93	cps
Cadmium	111-1	57403	55903	55934	56413	1.52	cps
Cadmium	106-1	6102	5518	5551	5724	5.73	cps
Cadmium	108-1	5009	4997	4680	4895	3.81	cps
Calcium	43-1	24613	25022	24880	24838	0.84	cps
Calcium	44-1	398073	401677	398719	399490	0.48	cps
Chromium	52-2	105185	105662	104228	105025	0.70	cps
Cobalt	59-2	139263	139934	139966	139721	0.28	cps
Copper	63-2	85743	86068	85981	85930	0.20	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	17	8	17	50.01	cps
Erbium	164-2	10	3	10	8	49.52	cps
Gadolinium	160-1	8	25	8	14	69.31	cps
Gadolinium	160-2	57	60	43	53	16.54	cps
Holmium	165-1	2748185	2780058	2786115	2771453	0.74	cps
Holmium	165-2	1395741	1351669	1420648	1389353	2.51	cps
Indium	115-1	1858752	1870618	1879984	1869785	0.57	cps
Indium	115-2	431307	420942	418662	423637	1.59	cps
Iron	56-2	800391	811565	801935	804631	0.75	cps
Iron	57-2	20137	21038	19613	20263	3.56	cps
Krypton	83-1	117	87	103	102	14.70	cps
Lead	206-1	338344	327469	323915	329909	2.28	cps
Lead	207-1	280052	280465	283271	281263	0.62	cps
Lead	208-1	1296422	1282065	1279810	1286099	0.70	cps
Lithium	6-1	1329907	1335201	1327947	1331018	0.28	cps
Magnesium	24-2	130993	131867	130228	131029	0.63	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 13:33:13 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	59118	59363	60015	59499	0.78	cps
Molybdenum	94-1	1865539	1863573	1867983	1865698	0.12	cps
Molybdenum	95-1	3256391	3280895	3289768	3275685	0.53	cps
Molybdenum	96-1	3477156	3469660	3496010	3480942	0.39	cps
Molybdenum	97-1	2030783	2024425	2024158	2026455	0.19	cps
Molybdenum	98-1	5232141	5234930	5246441	5237838	0.14	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	35009	35393	34621	35007	1.10	cps
Phosphorus	31-2	75	50	100	75	33.33	cps
Potassium	39-2	200444	198661	197454	198853	0.76	cps
Rhodium	103-1	1909168	1920740	1922245	1917384	0.37	cps
Rhodium	103-2	982046	967727	957439	969071	1.28	cps
Scandium	45-1	2275022	2293769	2285660	2284817	0.41	cps
Scandium	45-2	116262	112862	111573	113566	2.13	cps
Selenium	77-2	553	547	610	570	6.11	cps
Selenium	78-2	1774	1837	1928	1846	4.19	cps
Selenium	82-1	11263	11177	11259	11233	0.43	cps
Silicon	28-1	115594	115477	117273	116114	0.87	cps
Silver	109-1	229473	229772	229449	229565	0.08	cps
Silver	107-1	240766	237935	241936	240212	0.86	cps
Sodium	23-2	439681	440539	436584	438935	0.47	cps
Strontium	86-1	2217	1975	2075	2089	5.81	cps
Strontium	88-1	17637	16785	17445	17289	2.58	cps
Sulfur	34-1	193203	185449	179906	186186	3.59	cps
Terbium	159-1	2799637	2819222	2815707	2811522	0.37	cps
Terbium	159-2	1415616	1384399	1384064	1394693	1.30	cps
Thallium	203-1	394869	391863	387841	391524	0.90	cps
Thallium	205-1	961157	949057	953676	954630	0.64	cps
Thorium	232-1	1050	978	928	985	6.24	cps
Tin	118-1	258	300	167	242	28.23	cps
Titanium	47-1	1307884	1296880	1298399	1301055	0.46	cps
Uranium	238-1	50	8	58	39	68.89	cps
Vanadium	51-2	88701	90083	88778	89187	0.87	cps
Yttrium	89-1	2694889	2697806	2713833	2702176	0.38	cps
Yttrium	89-2	420014	409973	408459	412815	1.52	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:33:13	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	26304	26698	26608	26537	0.78	cps
Zirconium	90-1	1075	1183	1000	1086	8.49	cps
Zirconium	91-1	283	267	258	269	4.72	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 13:37:35 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	8	33	17	86.62	cps
Antimony	121-1	258	308	350	306	15.02	cps
Arsenic	75-2	6	4	2	4	50.09	cps
Barium	135-1	0	8	8	6	86.60	cps
Barium	137-1	8	17	17	14	34.67	cps
Beryllium	9-1	50	67	43	53	22.54	cps
Bismuth	209-1	1528089	1537072	1536875	1534012	0.33	cps
Bismuth	209-2	913491	928097	935291	925626	1.20	cps
Boron	10-1	1967	2359	1859	2061	12.76	cps
Boron	11-1	8603	8895	8636	8711	1.83	cps
Cadmium	111-1	656	778	732	722	8.53	cps
Cadmium	106-1	900	1108	1033	1014	10.41	cps
Cadmium	108-1	4	8	0	4	99.96	cps
Calcium	43-1	58	133	67	86	47.74	cps
Calcium	44-1	5443	5518	5118	5360	3.97	cps
Chromium	52-2	343	300	303	316	7.64	cps
Cobalt	59-2	23	30	13	22	37.76	cps
Copper	63-2	177	193	173	181	5.92	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	0	25	17	14	91.65	cps
Erbium	164-2	3	7	0	3	100.05	cps
Gadolinium	160-1	8	17	17	14	34.67	cps
Gadolinium	160-2	47	60	70	59	19.88	cps
Holmium	165-1	2768872	2784193	2806099	2786388	0.67	cps
Holmium	165-2	1369439	1428949	1413877	1404088	2.20	cps
Indium	115-1	1896798	1902134	1900841	1899925	0.15	cps
Indium	115-2	423545	424319	423404	423756	0.12	cps
Iron	56-2	2500	2372	2600	2491	4.58	cps
Iron	57-2	178	128	122	143	21.46	cps
Krypton	83-1	67	103	73	81	24.08	cps
Lead	206-1	117	111	117	115	2.80	cps
Lead	207-1	117	61	61	80	40.28	cps
Lead	208-1	422	344	356	374	11.25	cps
Lithium	6-1	1353514	1351164	1345113	1349930	0.32	cps
Magnesium	24-2	183	150	158	164	10.58	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 13:37:35 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20	30	27	26	19.92	cps
Molybdenum	94-1	317	400	467	394	19.05	cps
Molybdenum	95-1	450	542	550	514	10.80	cps
Molybdenum	96-1	517	617	492	542	12.21	cps
Molybdenum	97-1	308	367	417	364	14.90	cps
Molybdenum	98-1	950	692	758	800	16.77	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	20	13	20	18	21.66	cps
Phosphorus	31-2	108	100	92	100	8.33	cps
Potassium	39-2	10287	11313	10546	10715	4.98	cps
Rhodium	103-1	1970979	1971348	1978724	1973684	0.22	cps
Rhodium	103-2	973455	976291	974083	974610	0.15	cps
Scandium	45-1	2341228	2362869	2369488	2357861	0.63	cps
Scandium	45-2	116755	117209	116218	116727	0.42	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	26	24	39	30	27.25	cps
Selenium	82-1	23	7	28	19	58.41	cps
Silicon	28-1	104346	101602	101872	102607	1.47	cps
Silver	109-1	58	25	75	53	48.24	cps
Silver	107-1	58	50	33	47	26.97	cps
Sodium	23-2	11897	11488	11838	11741	1.88	cps
Strontium	86-1	142	100	225	156	40.91	cps
Strontium	88-1	50	58	17	42	52.91	cps
Sulfur	34-1	187911	188301	185601	187271	0.78	cps
Terbium	159-1	2842372	2883548	2830302	2852074	0.98	cps
Terbium	159-2	1393087	1452954	1375106	1407049	2.90	cps
Thallium	203-1	225	183	317	242	28.23	cps
Thallium	205-1	583	533	475	531	10.22	cps
Thorium	232-1	256	178	183	206	21.11	cps
Tin	118-1	183	175	233	197	16.00	cps
Titanium	47-1	183	175	125	161	19.58	cps
Uranium	238-1	25	25	33	28	17.31	cps
Vanadium	51-2	0	10	10	7	86.60	cps
Yttrium	89-1	2758976	2766395	2787859	2771077	0.54	cps
Yttrium	89-2	419359	415038	413254	415884	0.75	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:37:35	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	73	70	53	66	16.35	cps
Zirconium	90-1	233	308	267	269	13.95	cps
Zirconium	91-1	58	58	58	58	0.00	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:41:13	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4049384	4014142	4057559	4040361	0.57	cps
Antimony	121-1	2484	2559	2392	2478	3.37	cps
Arsenic	75-2	30	26	26	27	7.86	cps
Barium	135-1	992	858	850	900	8.83	cps
Barium	137-1	1233	1650	1292	1392	16.21	cps
Beryllium	9-1	400	330	323	351	12.10	cps
Bismuth	209-1	1415024	1413637	1438436	1422366	0.98	cps
Bismuth	209-2	847284	862844	871697	860608	1.44	cps
Boron	10-1	1425	1734	1683	1614	10.25	cps
Boron	11-1	7786	7519	7152	7485	4.25	cps
Cadmium	111-1	1157	1141	1047	1115	5.32	cps
Cadmium	106-1	1000	967	1058	1008	4.60	cps
Cadmium	108-1	663	671	729	688	5.28	cps
Calcium	43-1	1221138	1201392	1188263	1203598	1.37	cps
Calcium	44-1	19922322	19809008	19655830	19795720	0.68	cps
Chromium	52-2	22043	21866	22461	22123	1.38	cps
Cobalt	59-2	1733	1567	1657	1652	5.05	cps
Copper	63-2	6768	6798	6645	6737	1.21	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	17	33	17	22	43.28	cps
Erbium	164-2	20	17	7	14	48.02	cps
Gadolinium	160-1	33	0	33	22	86.60	cps
Gadolinium	160-2	40	50	50	47	12.37	cps
Holmium	165-1	2800182	2826959	2820916	2816019	0.50	cps
Holmium	165-2	1421415	1431231	1448093	1433580	0.94	cps
Indium	115-1	1824299	1840535	1838876	1834570	0.49	cps
Indium	115-2	403285	406137	411518	406980	1.03	cps
Iron	56-2	75409574	75272482	76075204	75585754	0.57	cps
Iron	57-2	1905384	1919196	1920379	1914986	0.44	cps
Krypton	83-1	80	73	103	86	18.42	cps
Lead	206-1	8042	8080	7891	8005	1.25	cps
Lead	207-1	6285	6057	5879	6074	3.35	cps
Lead	208-1	29947	29842	29130	29640	1.50	cps
Lithium	6-1	1307818	1308877	1297940	1304878	0.46	cps
Magnesium	24-2	10673168	10612739	10631784	10639231	0.29	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 13:41:13 DataFile Name : 014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5081	4944	5364	5130	4.18	cps
Molybdenum	94-1	1490123	1470802	1466194	1475706	0.86	cps
Molybdenum	95-1	2627211	2637663	2623661	2629512	0.28	cps
Molybdenum	96-1	2787672	2790354	2791982	2790003	0.08	cps
Molybdenum	97-1	1569621	1581112	1557971	1569568	0.74	cps
Molybdenum	98-1	4160907	4236692	4200371	4199323	0.90	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	0	7	7	4	86.60	cps
Nickel	60-2	1893	1897	1850	1880	1.39	cps
Phosphorus	31-2	258857	256309	263310	259492	1.37	cps
Potassium	39-2	9496421	9389467	9568867	9484918	0.95	cps
Rhodium	103-1	1820434	1831170	1813006	1821536	0.50	cps
Rhodium	103-2	899670	910984	914943	908532	0.87	cps
Scandium	45-1	2334829	2333154	2319317	2329100	0.37	cps
Scandium	45-2	114044	112466	115707	114072	1.42	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	28	20	26	25	15.62	cps
Selenium	82-1	35	50	34	40	23.21	cps
Silicon	28-1	174783	171336	173115	173078	1.00	cps
Silver	109-1	67	42	142	83	62.45	cps
Silver	107-1	92	58	83	78	22.30	cps
Sodium	23-2	21305159	21259395	21294004	21286186	0.11	cps
Strontium	86-1	30909	29874	30475	30419	1.71	cps
Strontium	88-1	265423	255117	258678	259739	2.02	cps
Sulfur	34-1	2614241	2602446	2601986	2606225	0.27	cps
Terbium	159-1	2850994	2849043	2864374	2854804	0.29	cps
Terbium	159-2	1435865	1369662	1375834	1393787	2.62	cps
Thallium	203-1	483	342	500	442	19.70	cps
Thallium	205-1	1133	1083	1217	1145	5.89	cps
Thorium	232-1	278	283	283	281	1.14	cps
Tin	118-1	608	392	483	494	22.00	cps
Titanium	47-1	1097852	1089269	1081475	1089532	0.75	cps
Uranium	238-1	167	125	150	147	14.24	cps
Vanadium	51-2	150	203	143	166	19.86	cps
Yttrium	89-1	2729531	2746599	2734311	2736814	0.32	cps
Yttrium	89-2	407534	412651	420124	413436	1.53	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:41:13	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1924	1783	1997	1901	5.70	cps
Zirconium	90-1	325	442	333	367	17.75	cps
Zirconium	91-1	83	92	67	81	15.80	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 13:44:50 DataFile Name : 015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4110234	4149836	4142179	4134083	0.51	cps
Antimony	121-1	45917	43435	43903	44418	2.97	cps
Arsenic	75-2	1728	1895	1867	1830	4.88	cps
Barium	135-1	13082	12623	12873	12859	1.79	cps
Barium	137-1	22736	21876	21417	22010	3.04	cps
Beryllium	9-1	21976	21549	21515	21680	1.18	cps
Bismuth	209-1	1441762	1476240	1692596	1536866	8.85	cps
Bismuth	209-2	856097	854931	739789	816939	8.18	cps
Boron	10-1	12297	12289	11396	11994	4.32	cps
Boron	11-1	51790	50945	51371	51369	0.82	cps
Cadmium	111-1	12757	12413	12580	12583	1.37	cps
Cadmium	106-1	2792	2842	3017	2884	4.10	cps
Cadmium	108-1	1713	1854	1892	1820	5.19	cps
Calcium	43-1	1231709	1229328	1211218	1224085	0.92	cps
Calcium	44-1	20144704	20143137	19960445	20082762	0.53	cps
Chromium	52-2	44083	44711	44948	44581	1.00	cps
Cobalt	59-2	30171	30308	30412	30297	0.40	cps
Copper	63-2	24444	24120	24584	24383	0.98	cps
Dysprosium	156-1	33	17	8	19	65.48	cps
Dysprosium	156-2	13	7	7	9	43.25	cps
Erbium	164-1	8	25	17	17	50.01	cps
Erbium	164-2	3	3	10	6	69.34	cps
Gadolinium	160-1	42	25	33	33	25.00	cps
Gadolinium	160-2	47	50	43	47	7.15	cps
Holmium	165-1	2892459	2922066	3333457	3049327	8.08	cps
Holmium	165-2	1364583	1364491	1214121	1314398	6.61	cps
Indium	115-1	1865125	1898599	2172535	1978753	8.52	cps
Indium	115-2	412253	415473	346658	391461	9.92	cps
Iron	56-2	77189507	77238952	77848513	77425657	0.47	cps
Iron	57-2	1940073	1950098	1967711	1952627	0.72	cps
Krypton	83-1	77	120	107	101	21.95	cps
Lead	206-1	41928	41543	41749	41740	0.46	cps
Lead	207-1	34473	34596	34033	34367	0.86	cps
Lead	208-1	159930	158025	157041	158332	0.93	cps
Lithium	6-1	1324192	1343497	1484984	1384225	6.34	cps
Magnesium	24-2	10883537	10919015	10984863	10929138	0.47	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:44:50	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17674	17824	17851	17783	0.54	cps
Molybdenum	94-1	1642675	1631252	1616933	1630287	0.79	cps
Molybdenum	95-1	2735220	2734639	2735242	2735034	0.01	cps
Molybdenum	96-1	2924343	2928229	2910188	2920920	0.33	cps
Molybdenum	97-1	1692131	1703396	1694799	1696776	0.35	cps
Molybdenum	98-1	4381853	4408866	4363569	4384763	0.52	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	9006	8863	8773	8881	1.33	cps
Phosphorus	31-2	263790	268712	265742	266081	0.93	cps
Potassium	39-2	9687150	9695456	9808562	9730389	0.70	cps
Rhodium	103-1	1880824	1894328	2172836	1982663	8.31	cps
Rhodium	103-2	919139	926053	777589	874260	9.58	cps
Scandium	45-1	2375511	2419085	2776904	2523833	8.73	cps
Scandium	45-2	116618	117424	97860	110634	10.01	cps
Selenium	77-2	47	53	60	53	12.50	cps
Selenium	78-2	211	220	202	211	4.38	cps
Selenium	82-1	1109	1111	1086	1102	1.25	cps
Silicon	28-1	328200	325915	327428	327181	0.36	cps
Silver	109-1	48150	47622	47472	47748	0.75	cps
Silver	107-1	49880	50081	49964	49975	0.20	cps
Sodium	23-2	21729181	21823471	21941894	21831515	0.49	cps
Strontium	86-1	85630	87056	84808	85831	1.33	cps
Strontium	88-1	741272	739664	728340	736426	0.96	cps
Sulfur	34-1	2651906	2652664	2613829	2639467	0.84	cps
Terbium	159-1	2950822	2972778	3381450	3101683	7.82	cps
Terbium	159-2	1384107	1388292	1237535	1336645	6.42	cps
Thallium	203-1	40688	39501	38791	39660	2.42	cps
Thallium	205-1	99773	96693	95534	97333	2.25	cps
Thorium	232-1	728	739	656	707	6.40	cps
Tin	118-1	93930	94786	90751	93155	2.28	cps
Titanium	47-1	1147075	1142277	1122357	1137236	1.15	cps
Uranium	238-1	413901	409249	414285	412478	0.68	cps
Vanadium	51-2	19069	19136	19333	19179	0.71	cps
Yttrium	89-1	2805094	2844583	3264784	2971487	8.57	cps
Yttrium	89-2	414943	419070	353174	395729	9.33	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:44:50	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4241	4437	4504	4394	3.12	cps
Zirconium	90-1	262214	255825	255101	257713	1.52	cps
Zirconium	91-1	58646	59065	59692	59134	0.89	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P7
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:48:28	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2426739	2401607	2391642	2406663	0.75	cps
Antimony	121-1	1039266	1031795	1020046	1030369	0.94	cps
Arsenic	75-2	48436	50034	49436	49302	1.64	cps
Barium	135-1	1450352	1423850	1419704	1431302	1.16	cps
Barium	137-1	2489742	2468309	2475421	2477824	0.44	cps
Beryllium	9-1	544608	536260	541636	540834	0.78	cps
Bismuth	209-1	1420942	1415551	1423224	1419906	0.28	cps
Bismuth	209-2	848635	844151	860238	851008	0.98	cps
Boron	10-1	92616	95459	94628	94234	1.55	cps
Boron	11-1	394860	407312	408753	403641	1.89	cps
Cadmium	111-1	308221	305306	305186	306237	0.56	cps
Cadmium	106-1	36565	36749	35804	36373	1.38	cps
Cadmium	108-1	24513	25632	24338	24828	2.83	cps
Calcium	43-1	3122219	3087481	3062358	3090686	0.97	cps
Calcium	44-1	49938377	49487130	49549993	49658500	0.49	cps
Chromium	52-2	551816	552256	554407	552826	0.25	cps
Cobalt	59-2	693577	700380	692029	695329	0.64	cps
Copper	63-2	894298	897878	897049	896408	0.21	cps
Dysprosium	156-1	42	67	33	47	36.74	cps
Dysprosium	156-2	27	30	43	33	26.45	cps
Erbium	164-1	8	25	17	17	50.01	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	33	0	42	25	88.19	cps
Gadolinium	160-2	83	60	47	63	29.30	cps
Holmium	165-1	2903869	2860260	2897647	2887259	0.82	cps
Holmium	165-2	1359602	1354226	1456671	1390166	4.15	cps
Indium	115-1	1826008	1833325	1827640	1828991	0.21	cps
Indium	115-2	409704	407652	415176	410844	0.95	cps
Iron	56-2	94843166	93682816	93461402	93995795	0.79	cps
Iron	57-2	2413218	2390737	2378345	2394100	0.74	cps
Krypton	83-1	120	117	80	106	21.03	cps
Lead	206-1	811079	800465	806535	806026	0.66	cps
Lead	207-1	704505	704223	704861	704530	0.05	cps
Lead	208-1	3183160	3173362	3183265	3179929	0.18	cps
Lithium	6-1	1325052	1317550	1314836	1319146	0.40	cps
Magnesium	24-2	26749908	26550150	26501668	26600576	0.49	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P7
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:48:28	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	629148	630559	628764	629490	0.15	cps
Molybdenum	94-1	2974988	2995710	2930431	2967043	1.12	cps
Molybdenum	95-1	3661564	3662820	3625385	3649923	0.58	cps
Molybdenum	96-1	4074592	4061587	4015166	4050448	0.77	cps
Molybdenum	97-1	2295645	2263092	2265065	2274601	0.80	cps
Molybdenum	98-1	5896937	5841288	5902638	5880288	0.58	cps
Neodymium	150-1	147	100	153	133	21.80	cps
Neodymium	150-2	23	30	13	22	37.76	cps
Nickel	60-2	171689	172451	172686	172275	0.30	cps
Phosphorus	31-2	27902	28820	27643	28122	2.20	cps
Potassium	39-2	12314904	12278523	12143795	12245741	0.74	cps
Rhodium	103-1	1823280	1825321	1824814	1824471	0.06	cps
Rhodium	103-2	905406	897939	903765	902370	0.43	cps
Scandium	45-1	2383496	2395350	2386240	2388362	0.26	cps
Scandium	45-2	119295	119229	118929	119151	0.16	cps
Selenium	77-2	1457	1373	1367	1399	3.58	cps
Selenium	78-2	4827	4929	4851	4869	1.09	cps
Selenium	82-1	28628	28889	28314	28610	1.01	cps
Silicon	28-1	1560213	1570476	1564289	1564993	0.33	cps
Silver	109-1	1327145	1312956	1314941	1318347	0.58	cps
Silver	107-1	1388863	1380048	1363220	1377377	0.95	cps
Sodium	23-2	52986681	52359987	52211246	52519305	0.78	cps
Strontium	86-1	526664	531548	518893	525702	1.21	cps
Strontium	88-1	4409048	4405849	4401009	4405302	0.09	cps
Sulfur	34-1	428125	426979	430362	428489	0.40	cps
Terbium	159-1	2917188	2914182	2894819	2908730	0.42	cps
Terbium	159-2	1380848	1478855	1479731	1446478	3.93	cps
Thallium	203-1	998842	979806	973224	983957	1.35	cps
Thallium	205-1	2322758	2296057	2321706	2313507	0.65	cps
Thorium	232-1	4042809	4029443	3991994	4021415	0.66	cps
Tin	118-1	885475	865985	866610	872690	1.27	cps
Titanium	47-1	1411385	1395256	1390976	1399206	0.77	cps
Uranium	238-1	3924600	3896488	3907243	3909444	0.36	cps
Vanadium	51-2	483709	483796	484720	484075	0.12	cps
Yttrium	89-1	2817220	2803251	2803904	2808125	0.28	cps
Yttrium	89-2	420328	421743	423617	421896	0.39	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P7
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:48:28	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	138399	139020	139447	138956	0.38	cps
Zirconium	90-1	2514841	2499799	2482960	2499200	0.64	cps
Zirconium	91-1	552314	545332	546296	547981	0.69	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : LLCCV Instrumnet Name : P7
 Client Sample ID : LLCCV Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 13:57:07 DataFile Name : 017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1125	1133	1058	1106	3.72	cps
Antimony	121-1	4459	4176	4126	4254	4.23	cps
Arsenic	75-2	96	85	126	102	20.55	cps
Barium	135-1	5610	5551	5310	5490	2.90	cps
Barium	137-1	9787	9412	9370	9523	2.41	cps
Beryllium	9-1	1243	1157	1073	1158	7.34	cps
Bismuth	209-1	1530577	1562924	1541544	1545015	1.06	cps
Bismuth	209-2	892927	906392	920359	906559	1.51	cps
Boron	10-1	6327	6635	6552	6504	2.45	cps
Boron	11-1	28720	29446	29054	29073	1.25	cps
Cadmium	111-1	1218	1343	1246	1269	5.18	cps
Cadmium	106-1	958	1225	933	1039	15.56	cps
Cadmium	108-1	33	50	58	47	26.96	cps
Calcium	43-1	6026	6185	6185	6132	1.49	cps
Calcium	44-1	105449	104970	103528	104649	0.96	cps
Chromium	52-2	2430	2544	2730	2568	5.90	cps
Cobalt	59-2	1417	1367	1297	1360	4.43	cps
Copper	63-2	2097	1990	2024	2037	2.68	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	0	0	17	6	173.21	cps
Erbium	164-2	13	3	0	6	124.93	cps
Gadolinium	160-1	25	17	25	22	21.64	cps
Gadolinium	160-2	57	77	37	57	35.29	cps
Holmium	165-1	2820835	2869318	2806457	2832204	1.16	cps
Holmium	165-2	1356296	1422010	1353565	1377291	2.81	cps
Indium	115-1	1932885	1958433	1927438	1939585	0.85	cps
Indium	115-2	415541	424824	423467	421277	1.19	cps
Iron	56-2	46140	45950	46513	46201	0.62	cps
Iron	57-2	1178	1172	1245	1198	3.35	cps
Krypton	83-1	87	90	87	88	2.19	cps
Lead	206-1	1928	1867	1722	1839	5.74	cps
Lead	207-1	1511	1500	1500	1504	0.43	cps
Lead	208-1	7262	7023	6679	6988	4.20	cps
Lithium	6-1	1360751	1365816	1364581	1363716	0.19	cps
Magnesium	24-2	58231	57026	57110	57455	1.17	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:57:07	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	607	733	707	682	9.79	cps
Molybdenum	94-1	5510	5460	5626	5532	1.55	cps
Molybdenum	95-1	7369	6652	7085	7035	5.13	cps
Molybdenum	96-1	7602	7969	7736	7769	2.39	cps
Molybdenum	97-1	4593	4309	4259	4387	4.10	cps
Molybdenum	98-1	11096	11222	10371	10896	4.22	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	427	367	357	383	9.88	cps
Phosphorus	31-2	233	242	292	256	12.34	cps
Potassium	39-2	59344	60692	60826	60287	1.36	cps
Rhodium	103-1	1997246	2003594	2007284	2002708	0.25	cps
Rhodium	103-2	967605	976383	980707	974898	0.68	cps
Scandium	45-1	2379710	2407783	2398076	2395190	0.60	cps
Scandium	45-2	117230	116671	116409	116770	0.36	cps
Selenium	77-2	13	23	17	18	28.64	cps
Selenium	78-2	63	93	78	78	19.05	cps
Selenium	82-1	310	332	317	320	3.60	cps
Silicon	28-1	126077	126152	125262	125830	0.39	cps
Silver	109-1	2775	2400	2759	2645	8.01	cps
Silver	107-1	2600	2800	2842	2748	4.70	cps
Sodium	23-2	122716	122991	125286	123664	1.14	cps
Strontium	86-1	1125	850	892	956	15.51	cps
Strontium	88-1	6769	7127	7527	7141	5.32	cps
Sulfur	34-1	192021	194164	197855	194680	1.52	cps
Terbium	159-1	2888209	2897468	2901058	2895579	0.23	cps
Terbium	159-2	1429282	1452267	1447031	1442860	0.83	cps
Thallium	203-1	1834	1892	2050	1925	5.83	cps
Thallium	205-1	4359	4634	4726	4573	4.17	cps
Thorium	232-1	7402	6997	7047	7148	3.10	cps
Tin	118-1	9395	9028	9120	9181	2.08	cps
Titanium	47-1	3034	2975	2992	3000	1.00	cps
Uranium	238-1	7436	7027	7327	7263	2.91	cps
Vanadium	51-2	4884	4821	4968	4891	1.50	cps
Yttrium	89-1	2812637	2832587	2812949	2819391	0.41	cps
Yttrium	89-2	412168	421341	416481	416663	1.10	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 13:57:07	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	323	363	383	357	8.57	cps
Zirconium	90-1	5026	4876	4734	4879	2.99	cps
Zirconium	91-1	1075	975	1050	1033	5.04	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : CCB17 Instrumnet Name : P7
 Client Sample ID : CCB17 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 14:01:08 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	0	17	14	91.65	cps
Antimony	121-1	133	167	133	144	13.33	cps
Arsenic	75-2	4	2	4	3	34.64	cps
Barium	135-1	0	8	8	6	86.60	cps
Barium	137-1	8	17	8	11	43.34	cps
Beryllium	9-1	57	57	30	48	32.23	cps
Bismuth	209-1	1542756	1534016	1539457	1538743	0.29	cps
Bismuth	209-2	892444	898983	904254	898560	0.66	cps
Boron	10-1	1525	1708	1608	1614	5.69	cps
Boron	11-1	7594	6860	6752	7069	6.48	cps
Cadmium	111-1	862	701	589	717	19.13	cps
Cadmium	106-1	1233	1008	833	1025	19.56	cps
Cadmium	108-1	8	13	4	8	49.98	cps
Calcium	43-1	75	50	75	67	21.65	cps
Calcium	44-1	5360	5310	4693	5121	7.25	cps
Chromium	52-2	343	273	347	321	12.90	cps
Cobalt	59-2	13	20	23	19	26.96	cps
Copper	63-2	213	190	210	204	6.17	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	0	0	11	173.21	cps
Erbium	164-2	10	0	7	6	91.64	cps
Gadolinium	160-1	33	17	8	19	65.47	cps
Gadolinium	160-2	43	53	43	47	12.37	cps
Holmium	165-1	2782337	2820407	2814376	2805707	0.73	cps
Holmium	165-2	1348205	1356999	1345570	1350258	0.44	cps
Indium	115-1	1940192	1943021	1944911	1942708	0.12	cps
Indium	115-2	416319	421585	424583	420829	0.99	cps
Iron	56-2	1972	1972	2000	1982	0.81	cps
Iron	57-2	106	100	72	93	19.29	cps
Krypton	83-1	87	83	67	79	13.58	cps
Lead	206-1	211	172	178	187	11.25	cps
Lead	207-1	139	139	161	146	8.77	cps
Lead	208-1	761	639	706	702	8.72	cps
Lithium	6-1	1392203	1384638	1390220	1389021	0.28	cps
Magnesium	24-2	125	92	142	119	21.31	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P7
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 14:01:08	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20	20	7	16	49.47	cps
Molybdenum	94-1	133	167	200	167	20.00	cps
Molybdenum	95-1	133	92	117	114	18.41	cps
Molybdenum	96-1	150	125	117	131	13.29	cps
Molybdenum	97-1	67	67	50	61	15.75	cps
Molybdenum	98-1	183	117	92	131	36.30	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	13	17	17	16	12.40	cps
Phosphorus	31-2	67	100	108	92	24.05	cps
Potassium	39-2	10562	11180	10571	10771	3.29	cps
Rhodium	103-1	1977613	2004969	2009214	1997265	0.86	cps
Rhodium	103-2	958908	975823	974247	969659	0.96	cps
Scandium	45-1	2394039	2419257	2406057	2406451	0.52	cps
Scandium	45-2	116362	117921	118143	117475	0.83	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	39	20	19	26	43.45	cps
Selenium	82-1	38	15	43	32	45.82	cps
Silicon	28-1	101283	99638	99413	100111	1.02	cps
Silver	109-1	42	17	67	42	60.00	cps
Silver	107-1	67	42	25	44	47.19	cps
Sodium	23-2	11246	11363	11296	11302	0.52	cps
Strontium	86-1	208	175	142	175	19.05	cps
Strontium	88-1	83	50	17	50	66.67	cps
Sulfur	34-1	199755	199020	190881	196552	2.51	cps
Terbium	159-1	2847126	2880742	2906155	2878007	1.03	cps
Terbium	159-2	1381397	1383860	1422912	1396056	1.67	cps
Thallium	203-1	83	125	92	100	22.05	cps
Thallium	205-1	242	292	342	292	17.14	cps
Thorium	232-1	150	156	211	172	19.62	cps
Tin	118-1	200	108	142	150	30.93	cps
Titanium	47-1	67	25	50	47	44.41	cps
Uranium	238-1	25	0	17	14	91.65	cps
Vanadium	51-2	0	3	3	2	86.60	cps
Yttrium	89-1	2803984	2818602	2824629	2815738	0.38	cps
Yttrium	89-2	408048	413978	419168	413731	1.34	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P7
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 14:01:08	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	67	33	63	54	33.72	cps
Zirconium	90-1	225	283	317	275	16.87	cps
Zirconium	91-1	42	83	75	67	33.07	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 14:04:44	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	817	900	750	822	9.14	cps
Antimony	121-1	4067	3992	3892	3984	2.20	cps
Arsenic	75-2	93	72	107	91	19.47	cps
Barium	135-1	5710	5693	5018	5474	7.21	cps
Barium	137-1	9762	9987	9762	9837	1.32	cps
Beryllium	9-1	1223	1317	1247	1262	3.85	cps
Bismuth	209-1	1535077	1537209	1555181	1542489	0.72	cps
Bismuth	209-2	910213	901577	921051	910947	1.07	cps
Boron	10-1	6185	6043	5668	5965	4.48	cps
Boron	11-1	24897	25472	26566	25645	3.31	cps
Cadmium	111-1	1320	1171	1301	1264	6.39	cps
Cadmium	106-1	1008	1008	1083	1033	4.19	cps
Cadmium	108-1	46	38	58	47	22.20	cps
Calcium	43-1	6377	6177	6427	6327	2.09	cps
Calcium	44-1	106498	108479	107431	107469	0.92	cps
Chromium	52-2	2470	2370	2557	2466	3.79	cps
Cobalt	59-2	1367	1563	1530	1487	7.08	cps
Copper	63-2	2044	2010	1987	2014	1.41	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	25	8	0	11	114.58	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	0	17	17	11	86.60	cps
Gadolinium	160-2	43	43	67	51	26.37	cps
Holmium	165-1	2851633	2835933	2876634	2854733	0.72	cps
Holmium	165-2	1380728	1356026	1422368	1386374	2.42	cps
Indium	115-1	1938162	1950021	1985715	1957966	1.26	cps
Indium	115-2	426991	427106	428714	427604	0.23	cps
Iron	56-2	46647	46803	47126	46858	0.52	cps
Iron	57-2	1311	1233	1295	1280	3.20	cps
Krypton	83-1	113	107	97	106	7.95	cps
Lead	206-1	1611	1800	1789	1733	6.12	cps
Lead	207-1	1539	1500	1533	1524	1.38	cps
Lead	208-1	6840	6940	6956	6912	0.91	cps
Lithium	6-1	1415829	1398301	1416084	1410071	0.72	cps
Magnesium	24-2	58490	57896	59795	58727	1.65	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 14:04:44	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	693	670	680	681	1.72	cps
Molybdenum	94-1	5943	5635	5393	5657	4.87	cps
Molybdenum	95-1	7511	7002	7010	7174	4.06	cps
Molybdenum	96-1	8169	8019	8036	8075	1.02	cps
Molybdenum	97-1	4159	4451	4401	4337	3.60	cps
Molybdenum	98-1	11697	11271	11305	11424	2.07	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	390	380	397	389	2.16	cps
Phosphorus	31-2	275	208	300	261	18.15	cps
Potassium	39-2	62750	61511	61076	61779	1.41	cps
Rhodium	103-1	2030686	2026061	2031852	2029533	0.15	cps
Rhodium	103-2	981171	983798	990695	985222	0.50	cps
Scandium	45-1	2443463	2435579	2451369	2443470	0.32	cps
Scandium	45-2	120196	120768	119645	120203	0.47	cps
Selenium	77-2	17	13	7	12	41.65	cps
Selenium	78-2	70	76	67	71	6.57	cps
Selenium	82-1	308	303	324	312	3.57	cps
Silicon	28-1	131456	129395	128767	129873	1.08	cps
Silver	109-1	2567	2550	2650	2589	2.07	cps
Silver	107-1	2892	2759	2809	2820	2.39	cps
Sodium	23-2	125521	125538	125386	125482	0.07	cps
Strontium	86-1	1075	1125	992	1064	6.33	cps
Strontium	88-1	7527	7394	8261	7727	6.04	cps
Sulfur	34-1	213248	207693	203656	208199	2.31	cps
Terbium	159-1	2890552	2915610	2931580	2912580	0.71	cps
Terbium	159-2	1415010	1379011	1382666	1392229	1.42	cps
Thallium	203-1	2184	2084	1809	2025	9.59	cps
Thallium	205-1	4859	4718	4843	4807	1.61	cps
Thorium	232-1	7269	7141	7085	7165	1.31	cps
Tin	118-1	9312	9328	9120	9253	1.25	cps
Titanium	47-1	3284	2750	3159	3064	9.11	cps
Uranium	238-1	7044	7061	7002	7036	0.43	cps
Vanadium	51-2	4901	5031	4944	4959	1.34	cps
Yttrium	89-1	2843683	2863682	2867794	2858386	0.45	cps
Yttrium	89-2	416331	423123	423366	420940	0.95	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 14:04:44	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	360	300	333	331	9.08	cps
Zirconium	90-1	5001	4726	4551	4759	4.77	cps
Zirconium	91-1	1342	1083	1083	1170	12.75	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : PB121429BL Instrumnet Name : P7
 Client Sample ID : PB121429BL Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 14:08:20 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	17	8	11	43.34	cps
Antimony	121-1	67	75	100	81	21.54	cps
Arsenic	75-2	6	6	4	5	21.74	cps
Barium	135-1	8	0	0	3	173.21	cps
Barium	137-1	17	8	0	8	100.02	cps
Beryllium	9-1	50	23	43	39	35.69	cps
Bismuth	209-1	1564022	1549536	1536051	1549869	0.90	cps
Bismuth	209-2	893262	900595	913919	902592	1.16	cps
Boron	10-1	1233	1250	1042	1175	9.85	cps
Boron	11-1	5560	5193	5076	5276	4.78	cps
Cadmium	111-1	602	705	728	678	9.87	cps
Cadmium	106-1	858	1000	1033	964	9.64	cps
Cadmium	108-1	4	4	0	3	86.60	cps
Calcium	43-1	33	42	58	44	28.65	cps
Calcium	44-1	4976	4951	4918	4948	0.59	cps
Chromium	52-2	330	253	400	328	22.38	cps
Cobalt	59-2	3	13	10	9	57.30	cps
Copper	63-2	183	213	193	197	7.77	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	17	25	22	21.64	cps
Erbium	164-2	3	0	0	1	173.21	cps
Gadolinium	160-1	0	25	8	11	114.58	cps
Gadolinium	160-2	47	43	57	49	14.20	cps
Holmium	165-1	2879643	2856400	2847517	2861187	0.58	cps
Holmium	165-2	1363444	1365843	1404457	1377915	1.67	cps
Indium	115-1	1983857	1954798	1956148	1964934	0.83	cps
Indium	115-2	427205	430978	427770	428651	0.47	cps
Iron	56-2	1711	1856	1922	1830	5.90	cps
Iron	57-2	111	117	83	104	17.22	cps
Krypton	83-1	100	123	57	93	36.25	cps
Lead	206-1	83	133	128	115	23.87	cps
Lead	207-1	117	72	122	104	26.43	cps
Lead	208-1	472	489	500	487	2.87	cps
Lithium	6-1	1433812	1418790	1409134	1420579	0.88	cps
Magnesium	24-2	108	50	58	72	43.68	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	PB121429BL	Instrumnet Name :	P7
Client Sample ID :	PB121429BL	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 14:08:20	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17	13	10	13	25.01	cps
Molybdenum	94-1	133	83	142	119	26.41	cps
Molybdenum	95-1	33	33	58	42	34.65	cps
Molybdenum	96-1	58	83	92	78	22.30	cps
Molybdenum	97-1	33	33	8	25	57.74	cps
Molybdenum	98-1	92	100	133	108	20.35	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	27	10	7	14	74.18	cps
Phosphorus	31-2	75	83	75	78	6.19	cps
Potassium	39-2	11246	10704	11163	11038	2.64	cps
Rhodium	103-1	2055474	2023662	2033074	2037404	0.80	cps
Rhodium	103-2	981388	992920	993661	989323	0.70	cps
Scandium	45-1	2485844	2485257	2503366	2491489	0.41	cps
Scandium	45-2	120633	120545	120128	120436	0.22	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	26	30	37	31	18.33	cps
Selenium	82-1	22	-28	74	23	225.60	cps
Silicon	28-1	103951	102231	103389	103190	0.85	cps
Silver	109-1	25	17	58	33	66.14	cps
Silver	107-1	50	25	50	42	34.64	cps
Sodium	23-2	10629	10354	10763	10582	1.97	cps
Strontium	86-1	150	158	192	167	13.23	cps
Strontium	88-1	8	50	17	25	88.19	cps
Sulfur	34-1	210092	212291	215020	212468	1.16	cps
Terbium	159-1	2930083	2927838	2906597	2921506	0.44	cps
Terbium	159-2	1388517	1410177	1442583	1413759	1.92	cps
Thallium	203-1	175	117	108	133	27.24	cps
Thallium	205-1	242	325	317	294	15.59	cps
Thorium	232-1	189	139	150	159	16.49	cps
Tin	118-1	133	167	183	161	15.80	cps
Titanium	47-1	58	58	42	53	18.23	cps
Uranium	238-1	8	25	8	14	69.31	cps
Vanadium	51-2	7	0	7	4	86.60	cps
Yttrium	89-1	2924617	2875583	2890014	2896738	0.87	cps
Yttrium	89-2	421160	425010	427852	424674	0.79	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	PB121429BL	Instrumnet Name :	P7
Client Sample ID :	PB121429BL	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 14:08:20	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	53	57	53	54	3.54	cps
Zirconium	90-1	267	250	333	283	15.56	cps
Zirconium	91-1	92	50	92	78	30.93	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	PB121429BS	Instrumnet Name :	P7
Client Sample ID :	PB121429BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 14:11:56	DataFile Name :	021LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	462151	469843	467941	466645	0.86	cps
Antimony	121-1	1070271	1058975	1052609	1060619	0.84	cps
Arsenic	75-2	46424	47438	48094	47319	1.78	cps
Barium	135-1	1449288	1443523	1434637	1442483	0.51	cps
Barium	137-1	2507808	2512250	2519278	2513112	0.23	cps
Beryllium	9-1	564679	561823	558713	561738	0.53	cps
Bismuth	209-1	1511547	1512817	1506771	1510378	0.21	cps
Bismuth	209-2	885999	888737	898663	891133	0.75	cps
Boron	10-1	93546	96373	97002	95640	1.92	cps
Boron	11-1	415072	418801	421610	418494	0.78	cps
Cadmium	111-1	297746	297618	295743	297036	0.38	cps
Cadmium	106-1	34819	35779	34643	35080	1.74	cps
Cadmium	108-1	23507	23808	22902	23406	1.97	cps
Calcium	43-1	644931	640088	642846	642622	0.38	cps
Calcium	44-1	10221260	10215523	10238678	10225154	0.12	cps
Chromium	52-2	543372	556102	551980	550485	1.18	cps
Cobalt	59-2	712115	719411	717127	716218	0.52	cps
Copper	63-2	861512	878248	869867	869876	0.96	cps
Dysprosium	156-1	0	25	0	8	173.21	cps
Dysprosium	156-2	53	33	43	43	23.08	cps
Erbium	164-1	8	0	8	6	86.60	cps
Erbium	164-2	0	10	0	3	173.21	cps
Gadolinium	160-1	33	42	8	28	62.46	cps
Gadolinium	160-2	73	47	53	58	24.02	cps
Holmium	165-1	2906391	2916437	2892621	2905149	0.41	cps
Holmium	165-2	1438423	1369251	1460532	1422736	3.35	cps
Indium	115-1	1894052	1905663	1884667	1894794	0.56	cps
Indium	115-2	408859	418739	417582	415060	1.30	cps
Iron	56-2	19372130	19578623	19234518	19395090	0.89	cps
Iron	57-2	507124	516872	508710	510902	1.02	cps
Krypton	83-1	120	110	113	114	4.45	cps
Lead	206-1	834441	829641	829883	831322	0.33	cps
Lead	207-1	731198	727397	724344	727646	0.47	cps
Lead	208-1	3293912	3275975	3295237	3288375	0.33	cps
Lithium	6-1	1396883	1375692	1375766	1382780	0.88	cps
Magnesium	24-2	5434066	5527554	5457376	5472999	0.89	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	PB121429BS	Instrumnet Name :	P7
Client Sample ID :	PB121429BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 14:11:56	DataFile Name :	021LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	625645	641649	634296	633863	1.26	cps
Molybdenum	94-1	2936658	2947414	2957412	2947161	0.35	cps
Molybdenum	95-1	3638416	3618232	3643047	3633232	0.36	cps
Molybdenum	96-1	4033002	4047442	3984116	4021520	0.83	cps
Molybdenum	97-1	2248327	2260553	2271987	2260289	0.52	cps
Molybdenum	98-1	5814067	5821007	5830219	5821764	0.14	cps
Neodymium	150-1	93	73	87	84	12.06	cps
Neodymium	150-2	20	10	10	13	43.30	cps
Nickel	60-2	175179	178691	177813	177228	1.03	cps
Phosphorus	31-2	28019	28478	26850	27782	3.02	cps
Potassium	39-2	2384547	2423594	2371635	2393259	1.13	cps
Rhodium	103-1	1940236	1915930	1906509	1920892	0.91	cps
Rhodium	103-2	934021	950475	945994	943497	0.90	cps
Scandium	45-1	2392820	2395230	2373279	2387110	0.50	cps
Scandium	45-2	115680	117400	115227	116102	0.99	cps
Selenium	77-2	1533	1483	1370	1462	5.72	cps
Selenium	78-2	4788	4964	5116	4956	3.31	cps
Selenium	82-1	29680	29088	29187	29318	1.08	cps
Silicon	28-1	1650240	1650622	1659610	1653491	0.32	cps
Silver	109-1	1289004	1280586	1278595	1282728	0.43	cps
Silver	107-1	1353127	1339602	1333725	1342151	0.74	cps
Sodium	23-2	10876030	10958273	10789058	10874454	0.78	cps
Strontium	86-1	453402	453869	454589	453954	0.13	cps
Strontium	88-1	3800612	3815697	3818152	3811487	0.25	cps
Sulfur	34-1	442250	437581	435241	438357	0.81	cps
Terbium	159-1	2949485	2928762	2937928	2938725	0.35	cps
Terbium	159-2	1456480	1380655	1373347	1403494	3.28	cps
Thallium	203-1	1005192	1013190	1009979	1009454	0.40	cps
Thallium	205-1	2386837	2373025	2379888	2379917	0.29	cps
Thorium	232-1	3991646	3998431	4042534	4010871	0.69	cps
Tin	118-1	896134	897842	888902	894293	0.53	cps
Titanium	47-1	1395561	1388660	1372147	1385456	0.87	cps
Uranium	238-1	3904768	3904544	3888487	3899266	0.24	cps
Vanadium	51-2	472856	481197	474168	476074	0.94	cps
Yttrium	89-1	2833477	2823061	2835636	2830725	0.24	cps
Yttrium	89-2	412806	422746	419021	418191	1.20	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	PB121429BS	Instrumnet Name :	P7
Client Sample ID :	PB121429BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 14:11:56	DataFile Name :	021LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	134220	135502	136609	135444	0.88	cps
Zirconium	90-1	2469643	2472795	2496975	2479804	0.60	cps
Zirconium	91-1	545982	537818	543974	542592	0.78	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-01 Instrumnet Name : P7
 Client Sample ID : LA119SW005-SD-190712 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 14:15:33 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2990275	2959811	2979533	2976540	0.52	cps
Antimony	121-1	958	958	1175	1031	12.14	cps
Arsenic	75-2	3639	3480	3604	3575	2.34	cps
Barium	135-1	348907	356541	358840	354763	1.47	cps
Barium	137-1	619069	614120	620903	618031	0.57	cps
Beryllium	9-1	5218	5388	5551	5385	3.10	cps
Bismuth	209-1	1406821	1425126	1408112	1413353	0.72	cps
Bismuth	209-2	842274	834372	845003	840550	0.66	cps
Boron	10-1	11646	12097	11622	11788	2.27	cps
Boron	11-1	54725	54199	52040	53655	2.65	cps
Cadmium	111-1	2809	2867	2771	2815	1.72	cps
Cadmium	106-1	2984	2967	2734	2895	4.83	cps
Cadmium	108-1	608	592	538	579	6.39	cps
Calcium	43-1	11797594	11964297	12020767	11927553	0.97	cps
Calcium	44-1	188352604	191961825	193203275	191172568	1.32	cps
Chromium	52-2	138554	139190	140162	139302	0.58	cps
Cobalt	59-2	51724	50135	51213	51024	1.59	cps
Copper	63-2	111987	112713	114520	113074	1.15	cps
Dysprosium	156-1	87638	86498	90785	88307	2.51	cps
Dysprosium	156-2	48031	49078	49048	48719	1.22	cps
Erbium	164-1	68431	68556	68632	68539	0.15	cps
Erbium	164-2	35620	35346	35490	35485	0.39	cps
Gadolinium	160-1	73012	73673	74487	73724	1.00	cps
Gadolinium	160-2	43292	44994	44639	44308	2.03	cps
Holmium	165-1	2844207	2855445	2898280	2865977	1.00	cps
Holmium	165-2	1418882	1352471	1431336	1400897	3.03	cps
Indium	115-1	1834974	1847366	1847578	1843306	0.39	cps
Indium	115-2	408979	410055	415448	411494	0.84	cps
Iron	56-2	68206532	68064406	67823543	68031494	0.28	cps
Iron	57-2	1792896	1781369	1780783	1785016	0.38	cps
Krypton	83-1	350	333	333	339	2.84	cps
Lead	206-1	232500	234504	235535	234180	0.66	cps
Lead	207-1	190920	190849	191995	191254	0.34	cps
Lead	208-1	895619	893406	896837	895287	0.19	cps
Lithium	6-1	1368691	1368858	1369388	1368979	0.03	cps
Magnesium	24-2	2341992	2309877	2317645	2323171	0.72	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-01 Instrumnet Name : P7
 Client Sample ID : LA119SW005-SD-190714 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 14:15:33 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1440876	1438924	1439773	1439858	0.07	cps
Molybdenum	94-1	117648	114246	118329	116741	1.87	cps
Molybdenum	95-1	2692	2959	2892	2848	4.87	cps
Molybdenum	96-1	22251	22978	23070	22766	1.97	cps
Molybdenum	97-1	1700	1884	1625	1736	7.65	cps
Molybdenum	98-1	4601	3992	4326	4306	7.08	cps
Neodymium	150-1	129524	127748	127715	128329	0.81	cps
Neodymium	150-2	54648	55013	55020	54893	0.39	cps
Nickel	60-2	29263	29814	29483	29520	0.94	cps
Phosphorus	31-2	32294	31893	32536	32241	1.01	cps
Potassium	39-2	1563826	1568585	1582896	1571769	0.63	cps
Rhodium	103-1	1781977	1809048	1802172	1797732	0.78	cps
Rhodium	103-2	881397	897695	897838	892310	1.06	cps
Scandium	45-1	2512890	2534590	2522570	2523350	0.43	cps
Scandium	45-2	128236	127338	127620	127731	0.36	cps
Selenium	77-2	380	383	420	394	5.63	cps
Selenium	78-2	320	328	333	327	1.99	cps
Selenium	82-1	370	401	411	394	5.48	cps
Silicon	28-1	24365532	24663942	24750876	24593450	0.82	cps
Silver	109-1	2409	2025	1884	2106	12.90	cps
Silver	107-1	2775	2400	2617	2598	7.25	cps
Sodium	23-2	383356	380176	383064	382199	0.46	cps
Strontium	86-1	762115	748068	761393	757192	1.04	cps
Strontium	88-1	6430921	6484826	6553439	6489729	0.95	cps
Sulfur	34-1	405996	405421	404572	405330	0.18	cps
Terbium	159-1	2884771	2888758	2928973	2900834	0.84	cps
Terbium	159-2	1372165	1472557	1464424	1436382	3.88	cps
Thallium	203-1	2392	2350	2100	2281	6.92	cps
Thallium	205-1	5535	5393	5210	5379	3.03	cps
Thorium	232-1	217752	218101	218788	218214	0.24	cps
Tin	118-1	2592	2534	2525	2550	1.42	cps
Titanium	47-1	25014	24671	25581	25089	1.83	cps
Uranium	238-1	59464	59622	60208	59765	0.66	cps
Vanadium	51-2	158825	159319	159942	159362	0.35	cps
Yttrium	89-1	3962085	3995791	4075953	4011276	1.46	cps
Yttrium	89-2	607859	609200	612189	609749	0.36	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-01	Instrumnet Name :	P7
Client Sample ID :	LA119SW005-SD-190714	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 14:15:33	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	63521	64528	65148	64399	1.28	cps
Zirconium	90-1	314795	312134	317280	314737	0.82	cps
Zirconium	91-1	72735	70784	72475	71998	1.47	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-02 Instrumnet Name : P7
 Client Sample ID : KY030LC026-SD-190712 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 14:19:13 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2517237	2511578	2525091	2517969	0.27	cps
Antimony	121-1	467	525	508	500	6.01	cps
Arsenic	75-2	5629	5575	5859	5688	2.65	cps
Barium	135-1	265953	260215	264732	263633	1.15	cps
Barium	137-1	457544	450192	451488	453075	0.87	cps
Beryllium	9-1	5208	5114	5504	5275	3.86	cps
Bismuth	209-1	1311469	1263939	1263427	1279611	2.16	cps
Bismuth	209-2	751689	766082	759348	759040	0.95	cps
Boron	10-1	17953	18670	18704	18442	2.30	cps
Boron	11-1	82726	82676	81185	82195	1.07	cps
Cadmium	111-1	3833	3906	3527	3755	5.35	cps
Cadmium	106-1	3834	3851	3734	3806	1.66	cps
Cadmium	108-1	621	617	683	640	5.83	cps
Calcium	43-1	29832420	29992013	30005175	29943203	0.32	cps
Calcium	44-1	477820544	474987244	481882261	478230016	0.72	cps
Chromium	52-2	219670	216509	220462	218880	0.96	cps
Cobalt	59-2	50427	51376	51748	51183	1.33	cps
Copper	63-2	50139	51611	51942	51230	1.87	cps
Dysprosium	156-1	237423	232574	234985	234994	1.03	cps
Dysprosium	156-2	124360	128666	130008	127678	2.31	cps
Erbium	164-1	178862	171375	177256	175831	2.24	cps
Erbium	164-2	89170	92514	92044	91243	1.98	cps
Gadolinium	160-1	196553	193452	195828	195278	0.83	cps
Gadolinium	160-2	112948	115223	116497	114889	1.56	cps
Holmium	165-1	2840653	2797331	2814970	2817651	0.77	cps
Holmium	165-2	1398023	1417717	1438049	1417930	1.41	cps
Indium	115-1	1750572	1748120	1763146	1753946	0.46	cps
Indium	115-2	395195	403657	405130	401328	1.34	cps
Iron	56-2	74449327	74855685	74539460	74614824	0.29	cps
Iron	57-2	2082089	2079939	2080706	2080911	0.05	cps
Krypton	83-1	730	650	570	650	12.31	cps
Lead	206-1	261755	257953	259839	259849	0.73	cps
Lead	207-1	207808	207262	207592	207554	0.13	cps
Lead	208-1	985605	972610	981058	979758	0.67	cps
Lithium	6-1	1354565	1345289	1354888	1351581	0.40	cps
Magnesium	24-2	2788458	2786657	2766955	2780690	0.43	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-02 Instrumnet Name : P7
 Client Sample ID : KY030LC026-SD-190712 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 14:19:13 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1610323	1621759	1622038	1618040	0.41	cps
Molybdenum	94-1	137548	136656	136843	137016	0.34	cps
Molybdenum	95-1	2617	2334	2584	2511	6.17	cps
Molybdenum	96-1	26325	25832	25641	25933	1.36	cps
Molybdenum	97-1	1642	1250	1475	1456	13.50	cps
Molybdenum	98-1	3517	3626	3676	3606	2.25	cps
Neodymium	150-1	329933	320874	330608	327138	1.66	cps
Neodymium	150-2	135343	139197	139672	138071	1.72	cps
Nickel	60-2	22744	23048	22507	22767	1.19	cps
Phosphorus	31-2	118399	117830	118836	118355	0.43	cps
Potassium	39-2	1985421	1971041	1988664	1981709	0.47	cps
Rhodium	103-1	1691591	1693395	1688843	1691277	0.14	cps
Rhodium	103-2	821471	836737	837798	832002	1.10	cps
Scandium	45-1	2542935	2519307	2516717	2526320	0.57	cps
Scandium	45-2	128919	128286	129614	128940	0.52	cps
Selenium	77-2	883	880	907	890	1.63	cps
Selenium	78-2	757	726	757	747	2.43	cps
Selenium	82-1	711	691	883	762	13.89	cps
Silicon	28-1	7694139	7794049	7747305	7745164	0.65	cps
Silver	109-1	1233	1267	1208	1236	2.37	cps
Silver	107-1	1675	1700	1767	1714	2.77	cps
Sodium	23-2	846939	858998	863213	856384	0.99	cps
Strontium	86-1	1777461	1785874	1796819	1786718	0.54	cps
Strontium	88-1	15326491	15149620	15290533	15255548	0.61	cps
Sulfur	34-1	365911	365553	364710	365391	0.17	cps
Terbium	159-1	2872309	2844031	2893346	2869895	0.86	cps
Terbium	159-2	1423211	1444420	1472828	1446819	1.72	cps
Thallium	203-1	1959	1917	2034	1970	3.00	cps
Thallium	205-1	4084	4501	4218	4268	4.99	cps
Thorium	232-1	249775	242312	241726	244604	1.83	cps
Tin	118-1	3401	3192	2875	3156	8.38	cps
Titanium	47-1	55539	54619	56295	55484	1.51	cps
Uranium	238-1	170203	166563	167490	168085	1.13	cps
Vanadium	51-2	162328	162150	164374	162951	0.76	cps
Yttrium	89-1	6231219	6172939	6219456	6207871	0.50	cps
Yttrium	89-2	933467	945334	957492	945431	1.27	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-02	Instrumnet Name :	P7
Client Sample ID :	KY030LC026-SD-190712	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 14:19:13	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	42081	42448	42412	42313	0.48	cps
Zirconium	90-1	382230	373320	374360	376637	1.29	cps
Zirconium	91-1	86494	86319	87023	86612	0.42	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-03 Instrumnet Name : P7
 Client Sample ID : KY030LC058-SD-190712 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 14:22:54 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3529756	3458039	3516291	3501362	1.09	cps
Antimony	121-1	433	425	417	425	1.96	cps
Arsenic	75-2	7063	7269	7254	7195	1.59	cps
Barium	135-1	390894	389257	382514	387555	1.15	cps
Barium	137-1	673896	677979	671238	674371	0.50	cps
Beryllium	9-1	7755	7649	7755	7720	0.80	cps
Bismuth	209-1	1338795	1342807	1342647	1341416	0.17	cps
Bismuth	209-2	783970	797221	800225	793805	1.09	cps
Boron	10-1	16067	16117	16560	16248	1.67	cps
Boron	11-1	72684	75932	72030	73549	2.84	cps
Cadmium	111-1	3863	3713	3650	3742	2.92	cps
Cadmium	106-1	4893	4768	4584	4748	3.27	cps
Cadmium	108-1	779	850	763	797	5.83	cps
Calcium	43-1	18541689	18656109	18505766	18567855	0.42	cps
Calcium	44-1	296165365	297813440	296175965	296718257	0.32	cps
Chromium	52-2	308981	310559	310761	310100	0.31	cps
Cobalt	59-2	68375	68171	68964	68503	0.60	cps
Copper	63-2	176543	179138	178230	177970	0.74	cps
Dysprosium	156-1	288232	283436	278417	283362	1.73	cps
Dysprosium	156-2	155243	155964	159126	156778	1.32	cps
Erbium	164-1	214523	212622	211357	212834	0.75	cps
Erbium	164-2	110308	110483	113339	111377	1.53	cps
Gadolinium	160-1	238797	232912	233833	235181	1.35	cps
Gadolinium	160-2	137705	138048	138251	138001	0.20	cps
Holmium	165-1	2903574	2901977	2915073	2906875	0.25	cps
Holmium	165-2	1393003	1393163	1404697	1396954	0.48	cps
Indium	115-1	1804776	1819406	1828792	1817658	0.67	cps
Indium	115-2	408085	414717	420632	414478	1.51	cps
Iron	56-2	109999697	110191200	110738575	110309824	0.35	cps
Iron	57-2	2900921	2899092	2894806	2898273	0.11	cps
Krypton	83-1	630	647	727	668	7.74	cps
Lead	206-1	254029	249415	245938	249794	1.63	cps
Lead	207-1	204356	200391	197561	200769	1.70	cps
Lead	208-1	961171	940997	932082	944750	1.58	cps
Lithium	6-1	1383000	1378851	1375078	1378976	0.29	cps
Magnesium	24-2	3441265	3473722	3463671	3459552	0.48	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-03 Instrumnet Name : P7
 Client Sample ID : KY030LC058-SD-190712 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 14:22:54 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2405219	2410767	2415027	2410338	0.20	cps
Molybdenum	94-1	183635	180611	179312	181186	1.22	cps
Molybdenum	95-1	2109	2209	2259	2192	3.49	cps
Molybdenum	96-1	33323	33373	33181	33293	0.30	cps
Molybdenum	97-1	1233	1283	1200	1239	3.39	cps
Molybdenum	98-1	3359	3367	3267	3331	1.67	cps
Neodymium	150-1	402819	402139	399303	401420	0.46	cps
Neodymium	150-2	169595	171825	173820	171747	1.23	cps
Nickel	60-2	34147	33635	33879	33887	0.75	cps
Phosphorus	31-2	121954	117996	120861	120270	1.70	cps
Potassium	39-2	3001777	3007414	3007420	3005537	0.11	cps
Rhodium	103-1	1761598	1764933	1784314	1770282	0.69	cps
Rhodium	103-2	869825	872760	883448	875344	0.82	cps
Scandium	45-1	2610708	2629875	2640860	2627148	0.58	cps
Scandium	45-2	129117	131759	132523	131133	1.36	cps
Selenium	77-2	1143	1003	1157	1101	7.71	cps
Selenium	78-2	889	835	946	890	6.24	cps
Selenium	82-1	900	842	802	848	5.80	cps
Silicon	28-1	10431632	10487518	10375130	10431427	0.54	cps
Silver	109-1	1292	925	1100	1106	16.59	cps
Silver	107-1	1684	1584	1717	1661	4.18	cps
Sodium	23-2	544696	546890	549479	547022	0.44	cps
Strontium	86-1	1322742	1324473	1313289	1320168	0.46	cps
Strontium	88-1	11155275	11471945	11218891	11282037	1.48	cps
Sulfur	34-1	364212	359965	356635	360271	1.05	cps
Terbium	159-1	2953595	2926134	2990028	2956586	1.08	cps
Terbium	159-2	1419802	1415796	1434419	1423339	0.69	cps
Thallium	203-1	2042	2000	1942	1995	2.52	cps
Thallium	205-1	4868	4934	5168	4990	3.16	cps
Thorium	232-1	374613	374276	362313	370401	1.89	cps
Tin	118-1	2709	2859	2925	2831	3.92	cps
Titanium	47-1	42161	41117	40573	41284	1.96	cps
Uranium	238-1	158440	157683	153608	156577	1.66	cps
Vanadium	51-2	169130	172879	171925	171311	1.14	cps
Yttrium	89-1	6818419	6811161	6777208	6802263	0.32	cps
Yttrium	89-2	1033345	1038190	1048444	1039993	0.74	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-03	Instrumnet Name :	P7
Client Sample ID :	KY030LC058-SD-190712	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 14:22:54	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	63470	63621	65305	64132	1.59	cps
Zirconium	90-1	502008	491177	488164	493783	1.47	cps
Zirconium	91-1	113816	111952	113194	112987	0.84	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 14:26:35 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1407770	1407360	1420042	1411724	0.51	cps
Antimony	121-1	1267	1300	1475	1347	8.31	cps
Arsenic	75-2	8199	8556	8199	8318	2.48	cps
Barium	135-1	210346	209533	206735	208872	0.91	cps
Barium	137-1	359551	363912	359309	360924	0.72	cps
Beryllium	9-1	5731	5584	5668	5661	1.30	cps
Bismuth	209-1	1296978	1290558	1271419	1286318	1.03	cps
Bismuth	209-2	740570	749268	752770	747536	0.84	cps
Boron	10-1	4467	4784	4568	4606	3.52	cps
Boron	11-1	21099	21082	20448	20876	1.78	cps
Cadmium	111-1	2811	2857	2820	2829	0.86	cps
Cadmium	106-1	2784	3050	2925	2920	4.57	cps
Cadmium	108-1	638	696	683	672	4.57	cps
Calcium	43-1	35857823	36135891	36355396	36116370	0.69	cps
Calcium	44-1	575728913	581839446	581794080	579787480	0.61	cps
Chromium	52-2	89281	89268	89275	89275	0.01	cps
Cobalt	59-2	46206	45989	46895	46363	1.02	cps
Copper	63-2	59149	60089	59915	59718	0.84	cps
Dysprosium	156-1	48771	49557	49064	49131	0.81	cps
Dysprosium	156-2	27033	27287	27220	27180	0.48	cps
Erbium	164-1	42977	43504	42902	43128	0.76	cps
Erbium	164-2	22542	22719	22656	22639	0.40	cps
Gadolinium	160-1	44381	42617	43027	43342	2.13	cps
Gadolinium	160-2	25654	25370	25778	25601	0.82	cps
Holmium	165-1	2709940	2737142	2711284	2719455	0.56	cps
Holmium	165-2	1364834	1377257	1383076	1375056	0.68	cps
Indium	115-1	1754618	1778216	1781924	1771586	0.84	cps
Indium	115-2	405940	407661	409845	407815	0.48	cps
Iron	56-2	150793509	149625042	149167653	149862068	0.56	cps
Iron	57-2	4035649	4009658	3998946	4014751	0.47	cps
Krypton	83-1	263	237	297	266	11.32	cps
Lead	206-1	175138	173006	173783	173976	0.62	cps
Lead	207-1	138539	137896	137895	138110	0.27	cps
Lead	208-1	659287	648882	654160	654110	0.80	cps
Lithium	6-1	1342942	1339194	1341418	1341185	0.14	cps
Magnesium	24-2	2235019	2223457	2221292	2226589	0.33	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-04	Instrumnet Name :	P7
Client Sample ID :	KY030LC066-SD-190712	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 14:26:35	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1297892	1299753	1301564	1299736	0.14	cps
Molybdenum	94-1	144767	145173	146308	145416	0.55	cps
Molybdenum	95-1	3609	3501	3209	3439	6.02	cps
Molybdenum	96-1	29782	30008	29665	29818	0.58	cps
Molybdenum	97-1	2192	2234	2184	2203	1.22	cps
Molybdenum	98-1	5443	5351	5518	5437	1.54	cps
Neodymium	150-1	71552	70245	70635	70811	0.95	cps
Neodymium	150-2	29919	29969	30624	30171	1.30	cps
Nickel	60-2	60983	62037	61743	61588	0.88	cps
Phosphorus	31-2	10221	10788	10629	10546	2.77	cps
Potassium	39-2	732851	728025	734771	731882	0.47	cps
Rhodium	103-1	1677111	1691122	1708953	1692395	0.94	cps
Rhodium	103-2	838645	846891	849166	844901	0.66	cps
Scandium	45-1	2502825	2511236	2510513	2508192	0.19	cps
Scandium	45-2	131061	129171	131497	130576	0.95	cps
Selenium	77-2	167	220	207	198	14.03	cps
Selenium	78-2	231	181	241	218	14.63	cps
Selenium	82-1	471	565	412	483	15.94	cps
Silicon	28-1	29330639	29473080	29523067	29442262	0.34	cps
Silver	109-1	333	358	358	350	4.12	cps
Silver	107-1	850	692	758	767	10.37	cps
Sodium	23-2	272254	270531	272636	271807	0.41	cps
Strontium	86-1	1575930	1561296	1577243	1571490	0.56	cps
Strontium	88-1	13355577	13389085	13465097	13403253	0.42	cps
Sulfur	34-1	782194	790868	789568	787543	0.59	cps
Terbium	159-1	2755543	2776467	2781675	2771228	0.50	cps
Terbium	159-2	1402232	1411366	1411256	1408285	0.37	cps
Thallium	203-1	2509	2534	2400	2481	2.86	cps
Thallium	205-1	6127	5927	5910	5988	2.01	cps
Thorium	232-1	168412	169489	167185	168362	0.68	cps
Tin	118-1	517	683	475	558	19.75	cps
Titanium	47-1	17553	17052	17419	17341	1.49	cps
Uranium	238-1	79983	80913	79084	79993	1.14	cps
Vanadium	51-2	486180	485270	487324	486258	0.21	cps
Yttrium	89-1	3514071	3546981	3533369	3531474	0.47	cps
Yttrium	89-2	543432	556423	550888	550248	1.18	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-04	Instrumnet Name :	P7
Client Sample ID :	KY030LC066-SD-190712	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 14:26:35	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	51046	52327	52665	52012	1.64	cps
Zirconium	90-1	391011	389321	388609	389647	0.32	cps
Zirconium	91-1	88614	88414	87148	88059	0.90	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04DUP Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 14:30:16 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1468734	1485343	1493822	1482633	0.86	cps
Antimony	121-1	1158	1167	1183	1170	1.09	cps
Arsenic	75-2	7802	7928	7891	7874	0.82	cps
Barium	135-1	215648	214624	213444	214572	0.51	cps
Barium	137-1	374390	369166	364847	369468	1.29	cps
Beryllium	9-1	5604	5498	5458	5520	1.37	cps
Bismuth	209-1	1227342	1241353	1271370	1246688	1.80	cps
Bismuth	209-2	737010	747523	743950	742828	0.72	cps
Boron	10-1	4359	4242	4076	4226	3.37	cps
Boron	11-1	19154	19447	18737	19113	1.86	cps
Cadmium	111-1	2792	2862	2578	2744	5.40	cps
Cadmium	106-1	2884	3034	2784	2900	4.34	cps
Cadmium	108-1	675	642	625	647	3.93	cps
Calcium	43-1	34750626	34746847	34545521	34680998	0.34	cps
Calcium	44-1	552130996	558438379	554005696	554858357	0.58	cps
Chromium	52-2	86747	88467	88440	87885	1.12	cps
Cobalt	59-2	45169	46036	45878	45694	1.01	cps
Copper	63-2	56512	57154	57349	57005	0.77	cps
Dysprosium	156-1	52083	50460	50068	50871	2.10	cps
Dysprosium	156-2	27698	27588	28630	27972	2.05	cps
Erbium	164-1	45210	43755	43086	44017	2.47	cps
Erbium	164-2	22372	22996	22766	22711	1.39	cps
Gadolinium	160-1	44891	44406	43487	44261	1.61	cps
Gadolinium	160-2	25601	26853	25825	26093	2.56	cps
Holmium	165-1	2697832	2678207	2693751	2689930	0.38	cps
Holmium	165-2	1347595	1366137	1369269	1361000	0.86	cps
Indium	115-1	1734773	1751756	1757040	1747856	0.67	cps
Indium	115-2	398179	406774	405315	403422	1.14	cps
Iron	56-2	135597934	135239497	135601103	135479511	0.15	cps
Iron	57-2	3635365	3657431	3636676	3643157	0.34	cps
Krypton	83-1	293	220	307	273	17.07	cps
Lead	206-1	167104	166288	165424	166272	0.51	cps
Lead	207-1	132614	132328	131784	132242	0.32	cps
Lead	208-1	626320	623863	621145	623776	0.41	cps
Lithium	6-1	1344607	1334420	1331573	1336867	0.51	cps
Magnesium	24-2	2190068	2190652	2194303	2191674	0.10	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04DUP Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 14:30:16 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1244892	1253055	1261177	1253041	0.65	cps
Molybdenum	94-1	142234	141286	140182	141234	0.73	cps
Molybdenum	95-1	3201	3442	3426	3356	4.02	cps
Molybdenum	96-1	29055	29473	29030	29186	0.85	cps
Molybdenum	97-1	1859	1917	2075	1950	5.75	cps
Molybdenum	98-1	5560	5451	5610	5540	1.46	cps
Neodymium	150-1	74508	72752	72464	73241	1.51	cps
Neodymium	150-2	30213	31376	31062	30884	1.95	cps
Nickel	60-2	56723	57462	56706	56964	0.76	cps
Phosphorus	31-2	10571	10829	10596	10665	1.34	cps
Potassium	39-2	767497	762440	770702	766880	0.54	cps
Rhodium	103-1	1677180	1687454	1659897	1674843	0.83	cps
Rhodium	103-2	821538	842978	844541	836352	1.54	cps
Scandium	45-1	2500177	2503970	2480678	2494942	0.50	cps
Scandium	45-2	127240	129594	128413	128416	0.92	cps
Selenium	77-2	173	193	197	188	6.72	cps
Selenium	78-2	257	220	211	230	10.67	cps
Selenium	82-1	399	516	445	453	12.95	cps
Silicon	28-1	33384977	33459097	33145135	33329736	0.49	cps
Silver	109-1	425	325	383	378	13.30	cps
Silver	107-1	917	925	808	883	7.37	cps
Sodium	23-2	263909	263591	267661	265054	0.85	cps
Strontium	86-1	1551841	1542551	1525000	1539797	0.89	cps
Strontium	88-1	13094633	13223829	13109997	13142820	0.54	cps
Sulfur	34-1	818429	819673	806366	814823	0.90	cps
Terbium	159-1	2754223	2742233	2745413	2747290	0.23	cps
Terbium	159-2	1367703	1402179	1405477	1391786	1.50	cps
Thallium	203-1	2342	2317	2175	2278	3.95	cps
Thallium	205-1	5368	5551	5468	5462	1.68	cps
Thorium	232-1	170350	172126	170695	171057	0.55	cps
Tin	118-1	333	408	300	347	15.98	cps
Titanium	47-1	20566	19981	19338	19962	3.08	cps
Uranium	238-1	78631	79243	79646	79173	0.65	cps
Vanadium	51-2	443709	447513	446359	445860	0.44	cps
Yttrium	89-1	3541961	3536204	3507524	3528563	0.52	cps
Yttrium	89-2	543935	549249	551870	548351	0.74	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-04DUP	Instrumnet Name :	P7
Client Sample ID :	KY030LC066-SD-190712	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 14:30:16	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	45665	46480	45310	45818	1.31	cps
Zirconium	90-1	386550	385764	383263	385192	0.45	cps
Zirconium	91-1	88657	86067	88079	87601	1.55	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-04LX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC066-SD-190712	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 14:33:57	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	273100	277896	275185	275393	0.87	cps
Antimony	121-1	267	342	283	297	13.25	cps
Arsenic	75-2	1613	1798	1645	1685	5.88	cps
Barium	135-1	41596	40995	41279	41290	0.73	cps
Barium	137-1	72314	72004	71634	71984	0.47	cps
Beryllium	9-1	1270	1300	1247	1272	2.10	cps
Bismuth	209-1	1399955	1422345	1414357	1412219	0.80	cps
Bismuth	209-2	820073	841684	838789	833515	1.41	cps
Boron	10-1	1859	1525	1834	1739	10.68	cps
Boron	11-1	7444	7460	7160	7355	2.29	cps
Cadmium	111-1	1191	1176	1221	1196	1.91	cps
Cadmium	106-1	1492	1467	1558	1506	3.15	cps
Cadmium	108-1	100	121	154	125	21.86	cps
Calcium	43-1	7097841	7184187	7155738	7145922	0.62	cps
Calcium	44-1	114053690	115008723	114299703	114454039	0.43	cps
Chromium	52-2	17728	17951	17908	17862	0.66	cps
Cobalt	59-2	9056	9410	9553	9340	2.74	cps
Copper	63-2	12676	12809	12686	12724	0.58	cps
Dysprosium	156-1	9162	9704	9137	9334	3.43	cps
Dysprosium	156-2	5705	5665	5501	5623	1.92	cps
Erbium	164-1	8611	8762	8211	8528	3.34	cps
Erbium	164-2	4467	4588	4524	4526	1.33	cps
Gadolinium	160-1	8686	8403	8278	8456	2.48	cps
Gadolinium	160-2	5171	5044	5281	5166	2.29	cps
Holmium	165-1	2802069	2823061	2817021	2814050	0.38	cps
Holmium	165-2	1364209	1434375	1420438	1406341	2.64	cps
Indium	115-1	1897597	1902641	1889565	1896601	0.35	cps
Indium	115-2	426623	428251	424272	426382	0.47	cps
Iron	56-2	30733687	30380044	30057326	30390353	1.11	cps
Iron	57-2	826247	827398	820678	824774	0.44	cps
Krypton	83-1	133	163	177	158	14.07	cps
Lead	206-1	35966	36311	36306	36194	0.55	cps
Lead	207-1	28509	28258	29116	28628	1.54	cps
Lead	208-1	135058	135638	137563	136087	0.96	cps
Lithium	6-1	1395729	1394851	1380127	1390236	0.63	cps
Magnesium	24-2	439186	442680	440825	440897	0.40	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-04LX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC066-SD-190712	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 14:33:57	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	259608	262557	259617	260594	0.65	cps
Molybdenum	94-1	28797	28488	28571	28618	0.56	cps
Molybdenum	95-1	742	783	708	744	5.05	cps
Molybdenum	96-1	5801	6260	6243	6102	4.26	cps
Molybdenum	97-1	442	467	567	492	13.45	cps
Molybdenum	98-1	1217	1208	1250	1225	1.80	cps
Neodymium	150-1	14448	13654	14715	14272	3.87	cps
Neodymium	150-2	6085	6405	6252	6247	2.56	cps
Nickel	60-2	12809	12759	12909	12826	0.60	cps
Phosphorus	31-2	2167	2209	2025	2134	4.50	cps
Potassium	39-2	143176	146810	144572	144853	1.27	cps
Rhodium	103-1	1886824	1902915	1876963	1888900	0.69	cps
Rhodium	103-2	925683	929292	922551	925842	0.36	cps
Scandium	45-1	2448080	2456293	2449220	2451197	0.18	cps
Scandium	45-2	118963	119769	119554	119428	0.35	cps
Selenium	77-2	47	20	40	36	39.03	cps
Selenium	78-2	70	63	48	60	18.70	cps
Selenium	82-1	126	91	90	102	20.00	cps
Silicon	28-1	5668584	5719131	5667714	5685143	0.52	cps
Silver	109-1	125	108	58	97	35.68	cps
Silver	107-1	233	133	242	203	29.73	cps
Sodium	23-2	56649	56540	54642	55944	2.02	cps
Strontium	86-1	319401	326412	312695	319503	2.15	cps
Strontium	88-1	2676964	2718343	2705309	2700205	0.78	cps
Sulfur	34-1	328083	321902	322087	324024	1.09	cps
Terbium	159-1	2859446	2874455	2875210	2869704	0.31	cps
Terbium	159-2	1437618	1387122	1443963	1422901	2.19	cps
Thallium	203-1	475	508	550	511	7.35	cps
Thallium	205-1	1375	1267	1342	1328	4.18	cps
Thorium	232-1	32547	32296	32558	32467	0.46	cps
Tin	118-1	233	250	200	228	11.18	cps
Titanium	47-1	3342	3351	3351	3348	0.14	cps
Uranium	238-1	16545	15218	15752	15838	4.21	cps
Vanadium	51-2	92675	94621	92820	93372	1.16	cps
Yttrium	89-1	2973884	3028022	3003931	3001946	0.90	cps
Yttrium	89-2	450805	454225	449890	451640	0.51	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-04LX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC066-SD-190712	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 14:33:57	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	12425	12682	12355	12488	1.38	cps
Zirconium	90-1	78918	79152	76429	78166	1.93	cps
Zirconium	91-1	17178	17511	17111	17267	1.24	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04MS Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 14:37:35 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4312426	4360753	4319013	4330731	0.61	cps
Antimony	121-1	99292	101171	100466	100310	0.95	cps
Arsenic	75-2	42766	42997	42711	42825	0.35	cps
Barium	135-1	1439922	1434760	1443451	1439378	0.30	cps
Barium	137-1	2498197	2496024	2489633	2494618	0.18	cps
Beryllium	9-1	451164	452087	451422	451558	0.11	cps
Bismuth	209-1	1252355	1268176	1245931	1255488	0.91	cps
Bismuth	209-2	737143	743017	747475	742545	0.70	cps
Boron	10-1	73579	75204	75053	74612	1.20	cps
Boron	11-1	323737	334680	329126	329181	1.66	cps
Cadmium	111-1	214711	215510	214111	214777	0.33	cps
Cadmium	106-1	27937	27878	27569	27795	0.71	cps
Cadmium	108-1	17695	17987	17578	17753	1.19	cps
Calcium	43-1	23402929	23294573	23552482	23416661	0.55	cps
Calcium	44-1	374664567	371976492	375739792	374126950	0.52	cps
Chromium	52-2	569151	578319	570528	572666	0.86	cps
Cobalt	59-2	618152	625868	624633	622884	0.67	cps
Copper	63-2	688943	696131	695531	693535	0.58	cps
Dysprosium	156-1	58291	57137	57504	57644	1.02	cps
Dysprosium	156-2	31901	31730	32058	31896	0.51	cps
Erbium	164-1	47300	48571	46028	47300	2.69	cps
Erbium	164-2	24542	24769	24766	24693	0.53	cps
Gadolinium	160-1	48311	48102	48144	48186	0.23	cps
Gadolinium	160-2	29195	29525	29375	29365	0.56	cps
Holmium	165-1	2620701	2645887	2651457	2639349	0.62	cps
Holmium	165-2	1336029	1351412	1348770	1345404	0.61	cps
Indium	115-1	1683000	1705506	1688565	1692357	0.69	cps
Indium	115-2	387369	395337	389280	390662	1.06	cps
Iron	56-2	75274468	75009971	75374166	75219535	0.25	cps
Iron	57-2	2033628	2048811	2030689	2037709	0.48	cps
Krypton	83-1	290	240	327	286	15.23	cps
Lead	206-1	758838	749425	757609	755291	0.68	cps
Lead	207-1	672913	670105	668621	670546	0.33	cps
Lead	208-1	2986714	2988093	2973681	2982829	0.27	cps
Lithium	6-1	1289441	1294073	1290845	1291453	0.18	cps
Magnesium	24-2	7258990	7281145	7238171	7259435	0.30	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04MS Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 14:37:35 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1581360	1601040	1588767	1590389	0.62	cps
Molybdenum	94-1	2138532	2162336	2155354	2152074	0.57	cps
Molybdenum	95-1	2413242	2418182	2405095	2412173	0.27	cps
Molybdenum	96-1	2696355	2725287	2689628	2703757	0.70	cps
Molybdenum	97-1	1463079	1468097	1465352	1465509	0.17	cps
Molybdenum	98-1	3849328	3894026	3876815	3873390	0.58	cps
Neodymium	150-1	82380	84171	82077	82876	1.37	cps
Neodymium	150-2	35339	35519	36268	35709	1.38	cps
Nickel	60-2	167106	168933	168088	168042	0.54	cps
Phosphorus	31-2	11021	10913	11063	10999	0.70	cps
Potassium	39-2	3665632	3725167	3682125	3690975	0.83	cps
Rhodium	103-1	1629201	1624505	1643049	1632252	0.59	cps
Rhodium	103-2	814152	816828	814943	815308	0.17	cps
Scandium	45-1	2403874	2428556	2420788	2417739	0.52	cps
Scandium	45-2	121664	124044	122242	122650	1.01	cps
Selenium	77-2	1180	1323	1333	1279	6.71	cps
Selenium	78-2	3741	3600	3623	3655	2.07	cps
Selenium	82-1	20545	20844	20765	20718	0.75	cps
Silicon	28-1	54062664	57484445	54756353	55434487	3.26	cps
Silver	109-1	860876	860389	864410	861891	0.25	cps
Silver	107-1	897354	908479	901051	902295	0.63	cps
Sodium	23-2	9325611	9374069	9285154	9328278	0.48	cps
Strontium	86-1	1599733	1633456	1612849	1615346	1.05	cps
Strontium	88-1	13670086	13941008	13896045	13835713	1.05	cps
Sulfur	34-1	944601	940682	939632	941638	0.28	cps
Terbium	159-1	2662434	2667844	2663530	2664603	0.11	cps
Terbium	159-2	1359485	1367810	1370988	1366094	0.43	cps
Thallium	203-1	760797	759541	756156	758831	0.32	cps
Thallium	205-1	1770687	1802607	1790737	1788010	0.90	cps
Thorium	232-1	220592	221344	218407	220114	0.69	cps
Tin	118-1	84881	87011	87221	86371	1.50	cps
Titanium	47-1	455592	455261	447582	452812	1.00	cps
Uranium	238-1	3126182	3147379	3137759	3137106	0.34	cps
Vanadium	51-2	595771	597981	595543	596432	0.23	cps
Yttrium	89-1	3435131	3508393	3487805	3477110	1.09	cps
Yttrium	89-2	532907	539245	537606	536586	0.61	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-04MS	Instrumnet Name :	P7
Client Sample ID :	KY030LC066-SD-190712	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 14:37:35	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	113251	112515	114014	113260	0.66	cps
Zirconium	90-1	2166609	2193177	2178806	2179531	0.61	cps
Zirconium	91-1	475206	482827	483996	480677	0.99	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : CCV18 Instrumnet Name : P7
 Client Sample ID : CCV18 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 14:51:15 DataFile Name : 029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2309426	2311384	2291492	2304101	0.48	cps
Antimony	121-1	1023677	1004241	1014126	1014015	0.96	cps
Arsenic	75-2	46554	46639	46732	46642	0.19	cps
Barium	135-1	1330534	1314274	1330679	1325162	0.71	cps
Barium	137-1	2376964	2331463	2378727	2362385	1.13	cps
Beryllium	9-1	528148	522506	525893	525515	0.54	cps
Bismuth	209-1	1335707	1351681	1316388	1334592	1.32	cps
Bismuth	209-2	780983	797318	805552	794618	1.57	cps
Boron	10-1	89204	91644	93254	91367	2.23	cps
Boron	11-1	380735	386702	392373	386604	1.51	cps
Cadmium	111-1	282211	280400	281143	281251	0.32	cps
Cadmium	106-1	33039	33399	34643	33694	2.50	cps
Cadmium	108-1	23403	22138	22510	22684	2.87	cps
Calcium	43-1	2947053	2906327	2907741	2920374	0.79	cps
Calcium	44-1	47304988	46677128	46764069	46915395	0.73	cps
Chromium	52-2	519740	530379	526789	525636	1.03	cps
Cobalt	59-2	650458	663795	663012	659088	1.14	cps
Copper	63-2	834087	846288	838533	839636	0.74	cps
Dysprosium	156-1	33	42	8	28	62.46	cps
Dysprosium	156-2	17	27	47	30	50.91	cps
Erbium	164-1	17	17	0	11	86.60	cps
Erbium	164-2	7	13	7	9	43.25	cps
Gadolinium	160-1	33	33	50	39	24.75	cps
Gadolinium	160-2	67	63	27	52	42.50	cps
Holmium	165-1	2730731	2735856	2655174	2707254	1.67	cps
Holmium	165-2	1365524	1382888	1381428	1376614	0.70	cps
Indium	115-1	1764478	1771844	1713035	1749786	1.83	cps
Indium	115-2	388870	402580	397636	396362	1.75	cps
Iron	56-2	90927049	91244416	90528144	90899870	0.39	cps
Iron	57-2	2299758	2309944	2286221	2298641	0.52	cps
Krypton	83-1	103	100	100	101	1.91	cps
Lead	206-1	736210	727231	731014	731485	0.62	cps
Lead	207-1	648819	636341	636207	640456	1.13	cps
Lead	208-1	2947142	2938850	2937967	2941320	0.17	cps
Lithium	6-1	1297105	1307364	1268458	1290976	1.56	cps
Magnesium	24-2	25245165	25447956	25333425	25342182	0.40	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P7
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 14:51:15	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	595848	604607	602907	601121	0.77	cps
Molybdenum	94-1	2852160	2832818	2831940	2838973	0.40	cps
Molybdenum	95-1	3496885	3493849	3473417	3488050	0.37	cps
Molybdenum	96-1	3858957	3830806	3862617	3850793	0.45	cps
Molybdenum	97-1	2172110	2163778	2164909	2166932	0.21	cps
Molybdenum	98-1	5638173	5584642	5576242	5599686	0.60	cps
Neodymium	150-1	113	133	140	129	10.77	cps
Neodymium	150-2	13	7	17	12	41.65	cps
Nickel	60-2	159382	164679	163062	162374	1.67	cps
Phosphorus	31-2	26282	26649	26182	26371	0.93	cps
Potassium	39-2	11620894	11720200	11592479	11644524	0.58	cps
Rhodium	103-1	1755002	1766494	1699147	1740214	2.07	cps
Rhodium	103-2	850137	864396	870095	861543	1.19	cps
Scandium	45-1	2289084	2311668	2235514	2278756	1.72	cps
Scandium	45-2	112184	112768	112658	112537	0.28	cps
Selenium	77-2	1327	1440	1300	1356	5.48	cps
Selenium	78-2	4514	4660	4679	4617	1.96	cps
Selenium	82-1	26339	26108	26135	26194	0.48	cps
Silicon	28-1	1457931	1460477	1465866	1461425	0.28	cps
Silver	109-1	1266138	1253805	1258720	1259554	0.49	cps
Silver	107-1	1327347	1309738	1312726	1316603	0.72	cps
Sodium	23-2	50060688	49922745	49961705	49981713	0.14	cps
Strontium	86-1	489405	484053	485170	486210	0.58	cps
Strontium	88-1	4231840	4190771	4198442	4207018	0.52	cps
Sulfur	34-1	424072	418626	420157	420952	0.67	cps
Terbium	159-1	2780390	2798113	2694474	2757659	2.01	cps
Terbium	159-2	1385407	1415369	1418270	1406349	1.29	cps
Thallium	203-1	885216	878300	886696	883404	0.51	cps
Thallium	205-1	2180567	2158560	2185383	2174837	0.66	cps
Thorium	232-1	3771024	3797824	3783400	3784083	0.35	cps
Tin	118-1	818989	798334	807867	808397	1.28	cps
Titanium	47-1	1311399	1287854	1298730	1299328	0.91	cps
Uranium	238-1	3691751	3613104	3720303	3675053	1.51	cps
Vanadium	51-2	455599	463287	459471	459452	0.84	cps
Yttrium	89-1	2692022	2721170	2630442	2681211	1.73	cps
Yttrium	89-2	398729	409842	411326	406632	1.69	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P7
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 14:51:15	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	128930	130580	131717	130409	1.07	cps
Zirconium	90-1	2379696	2360635	2384650	2374993	0.53	cps
Zirconium	91-1	510905	500679	510448	507344	1.14	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : CCB18 Instrumnet Name : P7
 Client Sample ID : CCB18 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 14:57:18 DataFile Name : 030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	50	67	47	44.41	cps
Antimony	121-1	408	417	475	433	8.38	cps
Arsenic	75-2	6	6	2	4	49.54	cps
Barium	135-1	50	42	8	33	66.15	cps
Barium	137-1	100	108	92	100	8.33	cps
Beryllium	9-1	90	67	70	76	16.70	cps
Bismuth	209-1	1471098	1465973	1473647	1470239	0.27	cps
Bismuth	209-2	858938	870560	879777	869758	1.20	cps
Boron	10-1	2842	2509	2417	2589	8.64	cps
Boron	11-1	12289	11488	11288	11688	4.53	cps
Cadmium	111-1	674	678	652	668	2.10	cps
Cadmium	106-1	933	950	883	922	3.76	cps
Cadmium	108-1	0	0	0	0	0.00	cps
Calcium	43-1	192	133	150	158	18.98	cps
Calcium	44-1	5251	4951	4893	5032	3.82	cps
Chromium	52-2	317	240	243	267	16.25	cps
Cobalt	59-2	30	33	20	28	24.98	cps
Copper	63-2	187	127	143	152	20.35	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	0	25	17	14	91.65	cps
Erbium	164-2	7	0	0	2	173.21	cps
Gadolinium	160-1	58	8	33	33	75.02	cps
Gadolinium	160-2	37	40	27	34	20.14	cps
Holmium	165-1	2701798	2694810	2713669	2703425	0.35	cps
Holmium	165-2	1333215	1346276	1365900	1348464	1.22	cps
Indium	115-1	1840651	1836769	1844538	1840653	0.21	cps
Indium	115-2	406012	408912	414060	409661	0.99	cps
Iron	56-2	3417	3312	3245	3325	2.61	cps
Iron	57-2	139	167	150	152	9.21	cps
Krypton	83-1	117	53	100	90	36.48	cps
Lead	206-1	83	117	106	102	16.66	cps
Lead	207-1	89	61	61	70	22.79	cps
Lead	208-1	328	356	294	326	9.39	cps
Lithium	6-1	1313917	1301871	1304862	1306884	0.48	cps
Magnesium	24-2	475	450	333	419	18.03	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P7
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 14:57:18	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23	27	17	22	22.91	cps
Molybdenum	94-1	350	250	367	322	19.58	cps
Molybdenum	95-1	358	175	200	244	40.67	cps
Molybdenum	96-1	308	308	183	267	27.06	cps
Molybdenum	97-1	200	258	200	219	15.35	cps
Molybdenum	98-1	475	400	467	447	9.19	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	17	20	33	23	37.78	cps
Phosphorus	31-2	50	58	83	64	27.15	cps
Potassium	39-2	9762	10037	9962	9920	1.43	cps
Rhodium	103-1	1876055	1878590	1892107	1882251	0.46	cps
Rhodium	103-2	919017	930557	943931	931168	1.34	cps
Scandium	45-1	2208439	2222286	2223500	2218075	0.38	cps
Scandium	45-2	108789	109877	109386	109351	0.50	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	19	31	22	24	27.73	cps
Selenium	82-1	-23	52	-5	8	489.23	cps
Silicon	28-1	91026	90875	91613	91172	0.43	cps
Silver	109-1	50	42	50	47	10.18	cps
Silver	107-1	33	42	42	39	12.38	cps
Sodium	23-2	7052	7269	6693	7005	4.15	cps
Strontium	86-1	192	100	142	144	31.78	cps
Strontium	88-1	158	175	108	147	23.57	cps
Sulfur	34-1	192816	192678	189657	191717	0.93	cps
Terbium	159-1	2745124	2736973	2770656	2750918	0.64	cps
Terbium	159-2	1351388	1369558	1384091	1368346	1.20	cps
Thallium	203-1	167	117	158	147	18.20	cps
Thallium	205-1	300	425	308	344	20.29	cps
Thorium	232-1	378	306	300	328	13.24	cps
Tin	118-1	208	292	250	250	16.66	cps
Titanium	47-1	58	117	100	92	32.77	cps
Uranium	238-1	108	142	92	114	22.35	cps
Vanadium	51-2	10	7	7	8	24.71	cps
Yttrium	89-1	2687557	2669747	2693047	2683450	0.45	cps
Yttrium	89-2	390343	400028	404434	398268	1.81	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P7
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 14:57:18	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	50	40	57	49	17.16	cps
Zirconium	90-1	275	325	383	328	16.54	cps
Zirconium	91-1	75	83	42	67	33.07	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04MSD Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 15:00:54 DataFile Name : 031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4510074	4492622	4466132	4489609	0.49	cps
Antimony	121-1	63310	62113	62976	62800	0.98	cps
Arsenic	75-2	44726	44837	45112	44892	0.44	cps
Barium	135-1	1507086	1502058	1529759	1512967	0.98	cps
Barium	137-1	2628573	2621945	2676449	2642322	1.13	cps
Beryllium	9-1	476223	476415	478525	477054	0.27	cps
Bismuth	209-1	1226753	1209921	1228908	1221861	0.85	cps
Bismuth	209-2	718140	721483	691811	710478	2.29	cps
Boron	10-1	74450	75514	77440	75801	2.00	cps
Boron	11-1	322058	327227	328080	325788	1.00	cps
Cadmium	111-1	223360	225339	226559	225086	0.72	cps
Cadmium	106-1	28596	29139	29924	29220	2.28	cps
Cadmium	108-1	18078	18884	18771	18578	2.35	cps
Calcium	43-1	23616440	23820827	24031854	23823040	0.87	cps
Calcium	44-1	375760958	379571900	383015484	379449447	0.96	cps
Chromium	52-2	592603	599863	599911	597459	0.70	cps
Cobalt	59-2	645941	659406	659796	655048	1.20	cps
Copper	63-2	720782	723547	726917	723749	0.42	cps
Dysprosium	156-1	58066	57814	57856	57912	0.23	cps
Dysprosium	156-2	32575	32823	33060	32819	0.74	cps
Erbium	164-1	47359	47492	49457	48103	2.44	cps
Erbium	164-2	24923	25514	25073	25170	1.22	cps
Gadolinium	160-1	50235	49867	51205	50436	1.37	cps
Gadolinium	160-2	29335	29929	29953	29739	1.18	cps
Holmium	165-1	2556116	2576518	2595285	2575973	0.76	cps
Holmium	165-2	1300988	1304216	1238339	1281181	2.90	cps
Indium	115-1	1612149	1638025	1656101	1635425	1.35	cps
Indium	115-2	370529	380174	364217	371640	2.16	cps
Iron	56-2	74425438	74740041	74090996	74418825	0.44	cps
Iron	57-2	2023766	2038674	2025280	2029240	0.40	cps
Krypton	83-1	260	293	257	270	7.51	cps
Lead	206-1	789815	801272	798141	796409	0.74	cps
Lead	207-1	704055	709182	717583	710273	0.96	cps
Lead	208-1	3144837	3181003	3180033	3168624	0.65	cps
Lithium	6-1	1270463	1263210	1271494	1268389	0.36	cps
Magnesium	24-2	7562565	7595679	7445968	7534737	1.04	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04MSD Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 15:00:54 DataFile Name : 031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1625716	1636796	1633192	1631901	0.35	cps
Molybdenum	94-1	2154485	2158290	2197919	2170231	1.11	cps
Molybdenum	95-1	2411808	2414513	2443375	2423232	0.72	cps
Molybdenum	96-1	2699332	2706134	2729510	2711658	0.58	cps
Molybdenum	97-1	1442897	1443146	1457667	1447903	0.58	cps
Molybdenum	98-1	3876491	3887206	3890647	3884781	0.19	cps
Neodymium	150-1	83473	83902	84821	84065	0.82	cps
Neodymium	150-2	36545	36549	36665	36586	0.19	cps
Nickel	60-2	174318	176801	175442	175521	0.71	cps
Phosphorus	31-2	9687	10262	10813	10254	5.49	cps
Potassium	39-2	3867865	3884208	3857648	3869907	0.35	cps
Rhodium	103-1	1553754	1572193	1583381	1569776	0.95	cps
Rhodium	103-2	778715	790907	754688	774770	2.38	cps
Scandium	45-1	2302854	2309682	2321384	2311306	0.41	cps
Scandium	45-2	117952	120468	113807	117409	2.87	cps
Selenium	77-2	1353	1467	1433	1418	4.11	cps
Selenium	78-2	3851	4017	3930	3933	2.12	cps
Selenium	82-1	21514	21302	21599	21472	0.71	cps
Silicon	28-1	28715328	29089559	29025086	28943324	0.69	cps
Silver	109-1	903009	900440	912044	905164	0.67	cps
Silver	107-1	944074	950912	959829	951605	0.83	cps
Sodium	23-2	9853936	9929622	9780954	9854837	0.75	cps
Strontium	86-1	1607951	1609399	1631370	1616240	0.81	cps
Strontium	88-1	13708016	13874715	14006054	13862928	1.08	cps
Sulfur	34-1	886989	893378	910401	896923	1.35	cps
Terbium	159-1	2603994	2581613	2633872	2606493	1.01	cps
Terbium	159-2	1333290	1326839	1267800	1309310	2.76	cps
Thallium	203-1	805512	812143	807693	808450	0.42	cps
Thallium	205-1	1902289	1918571	1932840	1917900	0.80	cps
Thorium	232-1	236219	232639	237082	235313	1.00	cps
Tin	118-1	77540	77758	80154	78484	1.85	cps
Titanium	47-1	306167	301772	307178	305039	0.94	cps
Uranium	238-1	3389930	3374217	3422247	3395464	0.72	cps
Vanadium	51-2	603404	608358	608956	606906	0.50	cps
Yttrium	89-1	3401746	3405715	3443476	3416979	0.67	cps
Yttrium	89-2	524258	531971	509183	521804	2.22	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-04MSD	Instrumnet Name :	P7
Client Sample ID :	KY030LC066-SD-190712	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 15:00:54	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	114652	115549	117132	115778	1.08	cps
Zirconium	90-1	2230875	2263309	2291519	2261901	1.34	cps
Zirconium	91-1	488990	498906	496258	494718	1.04	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04A Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 15:04:35 DataFile Name : 032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4520946	4448449	4526304	4498566	0.97	cps
Antimony	121-1	544441	545312	538392	542715	0.69	cps
Arsenic	75-2	45231	45281	45315	45276	0.09	cps
Barium	135-1	1500059	1515981	1513441	1509827	0.57	cps
Barium	137-1	2631892	2642921	2644554	2639789	0.26	cps
Beryllium	9-1	483418	477675	474705	478599	0.93	cps
Bismuth	209-1	1226334	1215315	1199601	1213750	1.11	cps
Bismuth	209-2	700284	717676	721539	713166	1.59	cps
Boron	10-1	76208	81126	78203	78512	3.15	cps
Boron	11-1	343816	343979	342117	343304	0.30	cps
Cadmium	111-1	226893	224233	224936	225354	0.61	cps
Cadmium	106-1	29991	28964	28705	29220	2.33	cps
Cadmium	108-1	19643	18608	18800	19017	2.89	cps
Calcium	43-1	23087398	23117677	22861142	23022072	0.61	cps
Calcium	44-1	374438425	372199567	369624358	372087450	0.65	cps
Chromium	52-2	596986	595145	600938	597690	0.50	cps
Cobalt	59-2	650795	653281	658345	654140	0.59	cps
Copper	63-2	720416	728307	735999	728241	1.07	cps
Dysprosium	156-1	58752	56927	56134	57271	2.34	cps
Dysprosium	156-2	31329	32098	31690	31706	1.21	cps
Erbium	164-1	47400	48052	48069	47840	0.80	cps
Erbium	164-2	24816	24616	25053	24828	0.88	cps
Gadolinium	160-1	50227	47827	50194	49416	2.79	cps
Gadolinium	160-2	28794	28968	28951	28904	0.33	cps
Holmium	165-1	2539962	2497684	2528563	2522070	0.87	cps
Holmium	165-2	1266785	1302370	1303336	1290830	1.61	cps
Indium	115-1	1626085	1611894	1611518	1616499	0.51	cps
Indium	115-2	373616	378488	377037	376380	0.66	cps
Iron	56-2	74620377	73603241	74305988	74176535	0.70	cps
Iron	57-2	2036342	2017256	2039744	2031114	0.60	cps
Krypton	83-1	257	257	243	252	3.05	cps
Lead	206-1	808175	804607	800188	804323	0.50	cps
Lead	207-1	720964	708998	707620	712528	1.03	cps
Lead	208-1	3195245	3176211	3146050	3172502	0.78	cps
Lithium	6-1	1262242	1254793	1247644	1254893	0.58	cps
Magnesium	24-2	7610904	7472970	7580800	7554891	0.96	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04A Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 15:04:35 DataFile Name : 032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1617115	1621163	1624078	1620786	0.22	cps
Molybdenum	94-1	2200743	2224308	2226333	2217128	0.64	cps
Molybdenum	95-1	2481200	2491104	2477779	2483361	0.28	cps
Molybdenum	96-1	2789494	2780110	2776894	2782166	0.24	cps
Molybdenum	97-1	1498320	1507061	1491999	1499127	0.50	cps
Molybdenum	98-1	3974691	4002677	3984300	3987223	0.36	cps
Neodymium	150-1	82131	83520	82568	82739	0.86	cps
Neodymium	150-2	35690	35890	36268	35949	0.82	cps
Nickel	60-2	174724	174144	175428	174765	0.37	cps
Phosphorus	31-2	10004	9920	10571	10165	3.48	cps
Potassium	39-2	3898850	3850210	3868003	3872354	0.64	cps
Rhodium	103-1	1562469	1550937	1559239	1557548	0.38	cps
Rhodium	103-2	779008	780740	788557	782768	0.65	cps
Scandium	45-1	2302293	2276098	2309334	2295908	0.76	cps
Scandium	45-2	117212	118042	119547	118267	1.00	cps
Selenium	77-2	1397	1390	1347	1378	1.97	cps
Selenium	78-2	3854	3860	3817	3844	0.60	cps
Selenium	82-1	21556	21760	21201	21506	1.32	cps
Silicon	28-1	39512373	38875324	39584750	39324149	0.99	cps
Silver	109-1	1089998	1088915	1097212	1092041	0.41	cps
Silver	107-1	1144242	1142374	1145943	1144187	0.16	cps
Sodium	23-2	9920646	9804388	9964685	9896573	0.84	cps
Strontium	86-1	1597503	1611878	1601706	1603695	0.46	cps
Strontium	88-1	13718934	13711435	13729712	13720027	0.07	cps
Sulfur	34-1	897729	878569	875050	883783	1.38	cps
Terbium	159-1	2562483	2558037	2581016	2567179	0.47	cps
Terbium	159-2	1290821	1317691	1330798	1313103	1.55	cps
Thallium	203-1	819237	810344	800915	810165	1.13	cps
Thallium	205-1	1930774	1898252	1897875	1908967	0.99	cps
Thorium	232-1	232329	227788	227337	229151	1.21	cps
Tin	118-1	84202	85023	84463	84563	0.50	cps
Titanium	47-1	382047	371667	380143	377952	1.46	cps
Uranium	238-1	3407190	3385341	3379967	3390833	0.43	cps
Vanadium	51-2	613006	607676	616417	612366	0.72	cps
Yttrium	89-1	3377098	3353417	3346011	3358842	0.48	cps
Yttrium	89-2	522099	521018	523738	522285	0.26	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-04A	Instrumnet Name :	P7
Client Sample ID :	KY030LC066-SD-190712	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 15:04:35	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	116070	115334	117965	116456	1.17	cps
Zirconium	90-1	2268103	2267540	2438457	2324700	4.24	cps
Zirconium	91-1	502398	501193	494042	499211	0.90	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-01DLX5 Instrumnet Name : P7
 Client Sample ID : LA119SW005-SD-190714 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 15:08:16 DataFile Name : 033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	594928	595148	603521	597866	0.82	cps
Antimony	121-1	567	458	633	553	15.98	cps
Arsenic	75-2	652	652	709	671	4.94	cps
Barium	135-1	70563	68972	69801	69779	1.14	cps
Barium	137-1	121705	121622	121268	121532	0.19	cps
Beryllium	9-1	1113	1183	980	1092	9.46	cps
Bismuth	209-1	1429641	1429626	1453861	1437709	0.97	cps
Bismuth	209-2	844096	852317	845090	847168	0.53	cps
Boron	10-1	6360	6010	5918	6096	3.83	cps
Boron	11-1	27826	26157	25080	26354	5.25	cps
Cadmium	111-1	1251	1140	1196	1196	4.67	cps
Cadmium	106-1	1375	1325	1442	1381	4.24	cps
Cadmium	108-1	129	54	96	93	40.38	cps
Calcium	43-1	2288958	2293763	2300845	2294522	0.26	cps
Calcium	44-1	36410957	36665655	36747026	36607879	0.48	cps
Chromium	52-2	27265	26748	27199	27071	1.04	cps
Cobalt	59-2	10117	10190	9950	10086	1.22	cps
Copper	63-2	23068	22594	23195	22953	1.38	cps
Dysprosium	156-1	16761	17645	17721	17376	3.07	cps
Dysprosium	156-2	9270	9096	9360	9242	1.45	cps
Erbium	164-1	12873	13232	13507	13204	2.41	cps
Erbium	164-2	6899	6829	6708	6812	1.41	cps
Gadolinium	160-1	14692	14141	14533	14455	1.96	cps
Gadolinium	160-2	8620	8950	8516	8695	2.60	cps
Holmium	165-1	2698384	2724318	2728155	2716953	0.60	cps
Holmium	165-2	1365043	1376509	1374699	1372083	0.45	cps
Indium	115-1	1830674	1835624	1853101	1839800	0.64	cps
Indium	115-2	408802	411545	411429	410592	0.38	cps
Iron	56-2	13355897	13272101	13220538	13282846	0.51	cps
Iron	57-2	359653	360202	363135	360997	0.52	cps
Krypton	83-1	147	167	107	140	21.82	cps
Lead	206-1	46604	46543	46788	46645	0.27	cps
Lead	207-1	38262	37921	37492	37892	1.02	cps
Lead	208-1	179150	176969	177356	177825	0.65	cps
Lithium	6-1	1327573	1320025	1321034	1322878	0.31	cps
Magnesium	24-2	449653	452084	453162	451633	0.40	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-01DLX5 Instrumnet Name : P7
 Client Sample ID : LA119SW005-SD-190712 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 15:08:16 DataFile Name : 033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	282170	283748	286170	284029	0.71	cps
Molybdenum	94-1	23487	23312	21959	22919	3.65	cps
Molybdenum	95-1	850	1042	925	939	10.29	cps
Molybdenum	96-1	4893	4934	4926	4918	0.45	cps
Molybdenum	97-1	625	425	400	483	25.52	cps
Molybdenum	98-1	1550	1300	1308	1386	10.24	cps
Neodymium	150-1	24997	24656	24482	24712	1.06	cps
Neodymium	150-2	10431	10581	10377	10463	1.01	cps
Nickel	60-2	5621	5771	5631	5675	1.48	cps
Phosphorus	31-2	6343	6660	6076	6360	4.59	cps
Potassium	39-2	302558	306905	310376	306613	1.28	cps
Rhodium	103-1	1857273	1837067	1857937	1850759	0.64	cps
Rhodium	103-2	907597	919413	908046	911686	0.73	cps
Scandium	45-1	2274247	2292716	2292508	2286490	0.46	cps
Scandium	45-2	110998	111176	113487	111887	1.24	cps
Selenium	77-2	77	57	73	69	15.55	cps
Selenium	78-2	83	76	119	93	24.58	cps
Selenium	82-1	89	96	129	105	20.34	cps
Silicon	28-1	4709233	4738384	4706939	4718185	0.37	cps
Silver	109-1	542	483	492	506	6.24	cps
Silver	107-1	725	575	592	631	13.04	cps
Sodium	23-2	74845	75866	75675	75462	0.72	cps
Strontium	86-1	151297	151534	145346	149392	2.35	cps
Strontium	88-1	1275122	1261841	1257331	1264765	0.73	cps
Sulfur	34-1	235117	237454	230793	234455	1.44	cps
Terbium	159-1	2764209	2748405	2795258	2769290	0.86	cps
Terbium	159-2	1395934	1405242	1396986	1399387	0.36	cps
Thallium	203-1	750	558	467	592	24.44	cps
Thallium	205-1	1442	1567	1592	1533	5.24	cps
Thorium	232-1	42671	41774	42487	42310	1.12	cps
Tin	118-1	492	542	633	556	12.93	cps
Titanium	47-1	5001	4943	4718	4887	3.06	cps
Uranium	238-1	11355	11406	12031	11597	3.25	cps
Vanadium	51-2	30258	29657	30495	30136	1.43	cps
Yttrium	89-1	2952877	2964901	2944501	2954093	0.35	cps
Yttrium	89-2	441168	445962	444369	443833	0.55	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-01DLX5	Instrumnet Name :	P7
Client Sample ID :	LA119SW005-SD-190714	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 15:08:16	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	14177	14194	14214	14195	0.13	cps
Zirconium	90-1	62010	62981	62018	62336	0.90	cps
Zirconium	91-1	14174	13632	14133	13980	2.16	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-02DLX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC026-SD-190712	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 15:11:52	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	495963	496539	494072	495525	0.26	cps
Antimony	121-1	208	175	208	197	9.76	cps
Arsenic	75-2	1120	1102	1133	1119	1.41	cps
Barium	135-1	51053	50318	51588	50986	1.25	cps
Barium	137-1	87576	85899	87283	86919	1.03	cps
Beryllium	9-1	1180	1203	1233	1206	2.22	cps
Bismuth	209-1	1356589	1375841	1377271	1369900	0.84	cps
Bismuth	209-2	794255	804775	809619	802883	0.98	cps
Boron	10-1	6018	5710	5526	5751	4.32	cps
Boron	11-1	25606	25656	25247	25503	0.87	cps
Cadmium	111-1	1284	1299	1299	1294	0.68	cps
Cadmium	106-1	1542	1517	1533	1531	0.83	cps
Cadmium	108-1	154	125	154	144	11.66	cps
Calcium	43-1	5661287	5597407	5619491	5626062	0.58	cps
Calcium	44-1	91367962	90275796	89970673	90538144	0.81	cps
Chromium	52-2	41622	41729	42999	42117	1.82	cps
Cobalt	59-2	10094	10217	10334	10215	1.18	cps
Copper	63-2	10424	10564	10797	10595	1.78	cps
Dysprosium	156-1	46162	45092	45334	45529	1.23	cps
Dysprosium	156-2	24746	25424	24973	25048	1.38	cps
Erbium	164-1	33902	33083	33467	33484	1.22	cps
Erbium	164-2	17612	17521	17765	17633	0.70	cps
Gadolinium	160-1	38012	37569	37185	37589	1.10	cps
Gadolinium	160-2	22776	22465	22789	22677	0.81	cps
Holmium	165-1	2639187	2692413	2725173	2685591	1.62	cps
Holmium	165-2	1353819	1352418	1357384	1354540	0.19	cps
Indium	115-1	1780422	1789905	1803818	1791382	0.66	cps
Indium	115-2	398107	403546	406798	402817	1.09	cps
Iron	56-2	14776168	14712603	14689586	14726119	0.30	cps
Iron	57-2	420237	422166	422638	421680	0.30	cps
Krypton	83-1	230	200	193	208	9.40	cps
Lead	206-1	52788	50786	52437	52004	2.06	cps
Lead	207-1	42809	41337	42090	42078	1.75	cps
Lead	208-1	201597	195233	198700	198510	1.60	cps
Lithium	6-1	1321885	1305534	1302376	1309932	0.80	cps
Magnesium	24-2	535827	533727	538272	535942	0.42	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-02DLX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC026-SD-190712	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 15:11:52	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	318642	318453	317907	318334	0.12	cps
Molybdenum	94-1	26300	26200	26484	26328	0.55	cps
Molybdenum	95-1	525	533	767	608	22.55	cps
Molybdenum	96-1	5043	5143	5518	5234	4.79	cps
Molybdenum	97-1	317	467	225	336	36.30	cps
Molybdenum	98-1	1008	975	875	953	7.28	cps
Neodymium	150-1	63052	62971	62877	62967	0.14	cps
Neodymium	150-2	27210	27584	27371	27389	0.68	cps
Nickel	60-2	4387	4761	4381	4510	4.82	cps
Phosphorus	31-2	22317	22276	22943	22512	1.66	cps
Potassium	39-2	379069	379116	380129	379438	0.16	cps
Rhodium	103-1	1775811	1775310	1774917	1775346	0.03	cps
Rhodium	103-2	874730	875687	881570	877329	0.42	cps
Scandium	45-1	2288430	2271124	2267432	2275662	0.49	cps
Scandium	45-2	111159	112658	111619	111812	0.69	cps
Selenium	77-2	153	173	170	166	6.47	cps
Selenium	78-2	169	165	185	173	6.28	cps
Selenium	82-1	160	137	196	164	17.95	cps
Silicon	28-1	1423624	1396109	1418613	1412782	1.04	cps
Silver	109-1	400	267	317	328	20.55	cps
Silver	107-1	417	417	400	411	2.34	cps
Sodium	23-2	161517	161140	160313	160990	0.38	cps
Strontium	86-1	350948	350032	347450	349477	0.52	cps
Strontium	88-1	3055537	3040240	3010376	3035384	0.76	cps
Sulfur	34-1	232944	231801	232687	232478	0.26	cps
Terbium	159-1	2721846	2741630	2724935	2729470	0.39	cps
Terbium	159-2	1372223	1379765	1394888	1382292	0.83	cps
Thallium	203-1	500	575	433	503	14.10	cps
Thallium	205-1	1183	1358	992	1178	15.57	cps
Thorium	232-1	47371	46556	47248	47058	0.93	cps
Tin	118-1	850	650	708	736	13.97	cps
Titanium	47-1	10354	10554	10679	10529	1.56	cps
Uranium	238-1	34230	31799	33319	33116	3.71	cps
Vanadium	51-2	30816	30128	30208	30384	1.24	cps
Yttrium	89-1	3365381	3384565	3362815	3370920	0.35	cps
Yttrium	89-2	501419	502991	504444	502952	0.30	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-02DLX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC026-SD-190712	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 15:11:52	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	9850	9717	9700	9756	0.84	cps
Zirconium	90-1	72610	70524	72425	71853	1.61	cps
Zirconium	91-1	15709	16176	16143	16010	1.63	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-03DLX5 Instrumnet Name : P7
 Client Sample ID : KY030LC058-SD-190712 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 15:15:31 DataFile Name : 035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	675685	691320	677288	681431	1.26	cps
Antimony	121-1	133	142	100	125	17.63	cps
Arsenic	75-2	1313	1374	1470	1386	5.73	cps
Barium	135-1	75095	75874	74199	75056	1.12	cps
Barium	137-1	129391	131913	130503	130602	0.97	cps
Beryllium	9-1	1667	1657	1680	1668	0.70	cps
Bismuth	209-1	1386934	1409880	1411730	1402848	0.98	cps
Bismuth	209-2	825356	833377	832605	830446	0.53	cps
Boron	10-1	4943	4701	4259	4634	7.48	cps
Boron	11-1	20531	20022	20214	20256	1.27	cps
Cadmium	111-1	1289	1363	1302	1318	3.01	cps
Cadmium	106-1	1700	1750	1659	1703	2.70	cps
Cadmium	108-1	150	100	150	133	21.65	cps
Calcium	43-1	3521848	3526122	3505120	3517697	0.32	cps
Calcium	44-1	55652957	56616095	56293670	56187574	0.87	cps
Chromium	52-2	58630	59526	59590	59249	0.91	cps
Cobalt	59-2	13219	13333	13383	13312	0.63	cps
Copper	63-2	35610	36950	36024	36195	1.90	cps
Dysprosium	156-1	55178	55948	55991	55706	0.82	cps
Dysprosium	156-2	30217	30427	30331	30325	0.35	cps
Erbium	164-1	40871	40068	40035	40325	1.17	cps
Erbium	164-2	21377	21914	21671	21654	1.24	cps
Gadolinium	160-1	44240	46062	44691	44997	2.11	cps
Gadolinium	160-2	26693	27328	27822	27281	2.07	cps
Holmium	165-1	2697044	2718519	2742473	2719345	0.84	cps
Holmium	165-2	1355186	1383078	1374340	1370868	1.04	cps
Indium	115-1	1825546	1819732	1828874	1824717	0.25	cps
Indium	115-2	403864	413770	409885	409173	1.22	cps
Iron	56-2	21390480	21626791	21312553	21443275	0.76	cps
Iron	57-2	573661	574566	579079	575769	0.50	cps
Krypton	83-1	193	207	240	213	11.27	cps
Lead	206-1	49648	50396	48890	49645	1.52	cps
Lead	207-1	41175	40072	39693	40314	1.91	cps
Lead	208-1	190009	190644	185497	188717	1.49	cps
Lithium	6-1	1304017	1304955	1306571	1305181	0.10	cps
Magnesium	24-2	659768	663681	661779	661743	0.30	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-03DLX5 Instrumnet Name : P7
 Client Sample ID : KY030LC058-SD-190712 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 15:15:31 DataFile Name : 035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	478213	481921	481870	480668	0.44	cps
Molybdenum	94-1	35512	34300	33299	34370	3.22	cps
Molybdenum	95-1	542	525	433	500	11.67	cps
Molybdenum	96-1	6568	6919	6310	6599	4.63	cps
Molybdenum	97-1	300	283	367	317	13.93	cps
Molybdenum	98-1	625	667	608	633	4.74	cps
Neodymium	150-1	76157	77055	78202	77138	1.33	cps
Neodymium	150-2	33340	34256	33381	33659	1.54	cps
Nickel	60-2	6812	6898	6655	6788	1.82	cps
Phosphorus	31-2	22985	22651	22902	22846	0.76	cps
Potassium	39-2	577190	582634	571292	577039	0.98	cps
Rhodium	103-1	1797341	1808771	1819575	1808562	0.61	cps
Rhodium	103-2	886544	904062	894469	895025	0.98	cps
Scandium	45-1	2279108	2311472	2310648	2300409	0.80	cps
Scandium	45-2	112107	113863	111888	112619	0.96	cps
Selenium	77-2	220	307	140	222	37.51	cps
Selenium	78-2	189	172	193	185	5.88	cps
Selenium	82-1	147	146	129	141	7.29	cps
Silicon	28-1	1885452	1881900	1886149	1884500	0.12	cps
Silver	109-1	233	283	275	264	10.15	cps
Silver	107-1	417	400	392	403	3.16	cps
Sodium	23-2	104126	106442	105125	105231	1.10	cps
Strontium	86-1	259802	261804	256334	259313	1.07	cps
Strontium	88-1	2232584	2250063	2234901	2239183	0.42	cps
Sulfur	34-1	231944	230734	226904	229861	1.14	cps
Terbium	159-1	2757401	2769735	2780200	2769112	0.41	cps
Terbium	159-2	1379672	1412385	1402108	1398055	1.20	cps
Thallium	203-1	492	458	433	461	6.35	cps
Thallium	205-1	933	1325	1167	1142	17.26	cps
Thorium	232-1	72161	70749	71453	71454	0.99	cps
Tin	118-1	683	658	542	628	12.04	cps
Titanium	47-1	7661	7977	7894	7844	2.09	cps
Uranium	238-1	30671	29827	30787	30429	1.72	cps
Vanadium	51-2	32139	32356	31644	32046	1.14	cps
Yttrium	89-1	3479768	3511448	3498869	3496695	0.46	cps
Yttrium	89-2	520232	524894	522263	522463	0.45	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-03DLX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC058-SD-190712	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 15:15:31	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	14037	14290	14668	14332	2.21	cps
Zirconium	90-1	95208	95224	93672	94701	0.94	cps
Zirconium	91-1	21358	21317	21517	21397	0.49	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04DLX5 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 15:19:10 DataFile Name : 036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	262219	265976	268360	265518	1.17	cps
Antimony	121-1	233	375	242	283	28.06	cps
Arsenic	75-2	1674	1572	1711	1653	4.35	cps
Barium	135-1	40752	39925	40661	40446	1.12	cps
Barium	137-1	69985	68352	69223	69187	1.18	cps
Beryllium	9-1	1297	1273	1223	1265	2.96	cps
Bismuth	209-1	1338933	1327028	1342914	1336292	0.62	cps
Bismuth	209-2	781282	801066	807974	796774	1.74	cps
Boron	10-1	2225	2425	1992	2214	9.80	cps
Boron	11-1	9036	8920	8603	8853	2.53	cps
Cadmium	111-1	975	1091	1020	1029	5.69	cps
Cadmium	106-1	1200	1375	1258	1278	6.97	cps
Cadmium	108-1	129	150	146	142	7.78	cps
Calcium	43-1	6891280	6859382	6873581	6874748	0.23	cps
Calcium	44-1	110526644	110144619	110775415	110482226	0.29	cps
Chromium	52-2	16660	17501	17224	17128	2.50	cps
Cobalt	59-2	9136	9086	8819	9014	1.89	cps
Copper	63-2	12469	12772	12782	12675	1.41	cps
Dysprosium	156-1	9670	9495	9529	9565	0.97	cps
Dysprosium	156-2	5314	5311	5244	5290	0.75	cps
Erbium	164-1	8236	7836	8019	8030	2.49	cps
Erbium	164-2	4367	4167	4337	4291	2.51	cps
Gadolinium	160-1	8361	7711	8103	8058	4.06	cps
Gadolinium	160-2	5044	4881	5061	4995	1.99	cps
Holmium	165-1	2658706	2618035	2670030	2648924	1.03	cps
Holmium	165-2	1318509	1334506	1338904	1330640	0.81	cps
Indium	115-1	1767789	1755356	1773543	1765563	0.53	cps
Indium	115-2	399006	397337	400881	399075	0.44	cps
Iron	56-2	29648981	29742494	29578657	29656711	0.28	cps
Iron	57-2	798832	813090	802931	804951	0.91	cps
Krypton	83-1	123	113	167	134	21.08	cps
Lead	206-1	35704	35698	34501	35301	1.96	cps
Lead	207-1	28592	28715	27206	28171	2.97	cps
Lead	208-1	135901	134409	130849	133720	1.94	cps
Lithium	6-1	1298714	1273461	1275853	1282676	1.09	cps
Magnesium	24-2	420968	426115	428611	425231	0.92	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04DLX5 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 15:19:10 DataFile Name : 036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	251488	252348	251526	251787	0.19	cps
Molybdenum	94-1	27895	26559	26885	27113	2.57	cps
Molybdenum	95-1	675	717	692	694	3.02	cps
Molybdenum	96-1	6027	5826	6001	5951	1.83	cps
Molybdenum	97-1	558	575	350	494	25.36	cps
Molybdenum	98-1	975	1175	1125	1092	9.53	cps
Neodymium	150-1	14148	13420	13801	13790	2.64	cps
Neodymium	150-2	5948	5965	5771	5895	1.82	cps
Nickel	60-2	12249	12015	12179	12147	0.99	cps
Phosphorus	31-2	2017	1975	2009	2000	1.10	cps
Potassium	39-2	137658	141368	139467	139497	1.33	cps
Rhodium	103-1	1772116	1728979	1744509	1748535	1.25	cps
Rhodium	103-2	869265	870359	870885	870170	0.09	cps
Scandium	45-1	2258051	2207666	2232428	2232715	1.13	cps
Scandium	45-2	110021	111291	110726	110679	0.57	cps
Selenium	77-2	53	30	20	34	49.66	cps
Selenium	78-2	59	54	72	62	15.40	cps
Selenium	82-1	88	84	83	85	3.06	cps
Silicon	28-1	5500214	5456774	5459058	5472015	0.45	cps
Silver	109-1	125	108	92	108	15.39	cps
Silver	107-1	117	117	192	142	30.57	cps
Sodium	23-2	51648	52635	53713	52665	1.96	cps
Strontium	86-1	310422	308312	301379	306704	1.54	cps
Strontium	88-1	2647024	2665169	2648041	2653411	0.38	cps
Sulfur	34-1	314055	305887	307835	309259	1.38	cps
Terbium	159-1	2694133	2638733	2690311	2674392	1.16	cps
Terbium	159-2	1346925	1365770	1348933	1353876	0.76	cps
Thallium	203-1	567	692	458	572	20.41	cps
Thallium	205-1	1167	1392	1358	1306	9.30	cps
Thorium	232-1	32358	32486	31594	32146	1.50	cps
Tin	118-1	217	183	150	183	18.18	cps
Titanium	47-1	3301	2884	2942	3042	7.42	cps
Uranium	238-1	16428	15302	14968	15566	4.92	cps
Vanadium	51-2	89690	90391	90445	90175	0.47	cps
Yttrium	89-1	2806042	2797659	2785712	2796471	0.37	cps
Yttrium	89-2	423277	428525	420729	424177	0.94	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-04DLX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC066-SD-190712	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 15:19:10	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	11755	11942	11988	11895	1.04	cps
Zirconium	90-1	77267	76186	72869	75441	3.04	cps
Zirconium	91-1	17570	16927	17311	17269	1.87	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04DUPDLX5 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 15:22:49 DataFile Name : 037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	278907	283431	287045	283127	1.44	cps
Antimony	121-1	208	258	275	247	14.03	cps
Arsenic	75-2	1517	1582	1515	1538	2.47	cps
Barium	135-1	41187	41889	40995	41357	1.14	cps
Barium	137-1	74106	71091	69985	71727	2.97	cps
Beryllium	9-1	1170	1190	1190	1183	0.98	cps
Bismuth	209-1	1380594	1363531	1345027	1363050	1.31	cps
Bismuth	209-2	794203	801330	815573	803702	1.35	cps
Boron	10-1	1692	1859	1750	1767	4.79	cps
Boron	11-1	7385	7619	7577	7527	1.65	cps
Cadmium	111-1	1094	1045	1225	1121	8.30	cps
Cadmium	106-1	1300	1200	1500	1333	11.46	cps
Cadmium	108-1	154	142	125	140	10.43	cps
Calcium	43-1	6585672	6582930	6517693	6562098	0.59	cps
Calcium	44-1	105393894	105205263	105850873	105483343	0.31	cps
Chromium	52-2	17063	16533	16740	16779	1.59	cps
Cobalt	59-2	9083	9013	9166	9087	0.85	cps
Copper	63-2	11648	11878	12235	11921	2.48	cps
Dysprosium	156-1	9554	9545	9612	9570	0.38	cps
Dysprosium	156-2	5501	5691	5755	5649	2.33	cps
Erbium	164-1	8478	7936	7711	8042	4.90	cps
Erbium	164-2	4401	4137	4628	4389	5.59	cps
Gadolinium	160-1	8311	9395	8111	8606	8.03	cps
Gadolinium	160-2	5048	5181	5181	5137	1.50	cps
Holmium	165-1	2718610	2680604	2640377	2679863	1.46	cps
Holmium	165-2	1323994	1331628	1355114	1336912	1.21	cps
Indium	115-1	1826941	1797662	1784021	1802875	1.22	cps
Indium	115-2	399797	407216	409548	405520	1.26	cps
Iron	56-2	27150462	27291404	27150215	27197361	0.30	cps
Iron	57-2	735416	745224	742907	741182	0.69	cps
Krypton	83-1	130	140	97	122	18.56	cps
Lead	206-1	34818	34089	33337	34081	2.17	cps
Lead	207-1	26928	27296	27106	27110	0.68	cps
Lead	208-1	128899	128767	127088	128252	0.79	cps
Lithium	6-1	1316016	1282270	1267651	1288646	1.92	cps
Magnesium	24-2	425177	427461	425397	426012	0.30	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-04DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC066-SD-190712	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 15:22:49	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	245528	248436	248063	247342	0.64	cps
Molybdenum	94-1	26609	26751	26609	26656	0.31	cps
Molybdenum	95-1	608	667	792	689	13.60	cps
Molybdenum	96-1	5426	5510	5393	5443	1.11	cps
Molybdenum	97-1	433	358	250	347	26.55	cps
Molybdenum	98-1	1142	1050	892	1028	12.31	cps
Neodymium	150-1	14688	13614	14121	14141	3.80	cps
Neodymium	150-2	6265	6151	6355	6257	1.63	cps
Nickel	60-2	11074	11631	11451	11386	2.50	cps
Phosphorus	31-2	1909	2292	2067	2089	9.22	cps
Potassium	39-2	146676	149444	148805	148309	0.98	cps
Rhodium	103-1	1820544	1782232	1767709	1790161	1.52	cps
Rhodium	103-2	869900	880242	887718	879286	1.02	cps
Scandium	45-1	2303081	2255740	2242145	2266989	1.41	cps
Scandium	45-2	110736	112382	113588	112235	1.28	cps
Selenium	77-2	40	50	37	42	16.43	cps
Selenium	78-2	67	74	87	76	13.58	cps
Selenium	82-1	84	56	133	91	42.73	cps
Silicon	28-1	6222904	6243131	6184267	6216767	0.48	cps
Silver	109-1	67	150	83	100	44.10	cps
Silver	107-1	300	175	167	214	34.92	cps
Sodium	23-2	52007	51046	51957	51670	1.05	cps
Strontium	86-1	306680	298709	301381	302256	1.34	cps
Strontium	88-1	2624962	2629367	2616011	2623446	0.26	cps
Sulfur	34-1	311663	309427	316307	312466	1.12	cps
Terbium	159-1	2746640	2733358	2695730	2725243	0.97	cps
Terbium	159-2	1351270	1379728	1376325	1369108	1.14	cps
Thallium	203-1	625	442	592	553	17.67	cps
Thallium	205-1	1225	1175	1208	1203	2.12	cps
Thorium	232-1	33466	33711	32786	33321	1.44	cps
Tin	118-1	208	117	133	153	31.96	cps
Titanium	47-1	3592	3792	3642	3676	2.83	cps
Uranium	238-1	16453	16036	15735	16074	2.24	cps
Vanadium	51-2	83354	83233	83857	83481	0.40	cps
Yttrium	89-1	2885665	2863917	2815544	2855042	1.26	cps
Yttrium	89-2	424359	429233	431602	428398	0.86	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-04DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC066-SD-190712	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 15:22:49	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	10517	10487	10844	10616	1.86	cps
Zirconium	90-1	73406	73255	72074	72911	1.00	cps
Zirconium	91-1	16710	16318	16677	16568	1.31	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04LDLX25 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 15:26:28 DataFile Name : 1

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
[Pb]	lead-	135	117	133	0.00	-0.01	cps
[Pb]	lead-	94	117	94	0.00	-0.02	cps
[Pb]	lead-	76	89	72	0.00	-0.02	cps
[Pb]	lead-	109	111	106	0.00	-0.02	cps
[Pb]	lead-	85	78	83	0.00	-0.02	cps
[Pb]	lead-	87	83	100	0.00	-0.02	cps
Ag	silver-	81	100	100	0.00	-0.02	cps
Ag	silver-	31	8	42	0.00	-0.02	cps
Ag	silver-	47	42	42	0.00	-0.02	cps
Ag	silver-	42	33	75	0.00	-0.02	cps
Ag	silver-	64	58	58	0.00	-0.02	cps
Ag	silver-	61	75	50	0.00	-0.01	cps
Al	aluminium-	94	117	75	0.00	0.05	cps
Al	aluminium-	17	25	0	0.00	-0.30	cps
Al	aluminium-	61	50	67	0.00	-0.02	cps
As	arsenic-	2	4	0	0.00	-0.02	cps
As	arsenic-	3	4	2	0.00	-0.01	cps
As	arsenic-	1	2	0	0.00	-0.02	cps
B	boron-	3498	3451	3501	0.00	-0.57	cps
B	boron-	878	833	958	0.00	-0.62	cps
B	boron-	861	767	833	0.00	-0.32	cps
B	boron-	3848	3567	3826	0.00	-0.27	cps
B	boron-	3595	3409	3592	0.00	-0.52	cps
B	boron-	839	783	900	0.00	-0.65	cps
Ba	barium-	39	25	50	0.00	0.00	cps
Ba	barium-	19	42	8	0.00	-0.02	cps
Ba	barium-	3	0	0	0.00	-0.01	cps
Ba	barium-	14	8	17	0.00	-0.02	cps
Ba	barium-	25	33	33	0.00	-0.02	cps
Ba	barium-	11	17	0	0.00	-0.01	cps
Be	beryllium-	42	33	40	0.00	-0.01	cps
Be	beryllium-	43	57	30	0.00	-0.02	cps
Be	beryllium-	49	37	50	0.00	-0.01	cps
Bi	bismuth-	5736793	5521540	6194966	0.00		cps
Bi	bismuth-	3475096	3609294	3178253	0.00		cps
Bi	bismuth-	5943072	5866815	6139364	0.00		cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04LDLX25 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 15:26:28 DataFile Name : 1

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Bi	bismuth-	3423350	3521986	3687285	0.00		cps
Bi	bismuth-	6140897	6439570	6125819	0.00		cps
Bi	bismuth-	3449395	3478379	3512488	0.00		cps
Ca	calcium-	8514	7369	8995	0.00	-8.64	cps
Ca	calcium-	336	225	367	0.00	2.38	cps
Ca	calcium-	2614	3017	2384	0.00	47.32	cps
Ca	calcium-	47164	52236	44461	0.00	40.85	cps
Ca	calcium-	147	175	158	0.00	-3.86	cps
Ca	calcium-	6182	6635	6210	0.00	-13.08	cps
Cd	cadmium-	14	21	13	0.00	-0.08	cps
Cd	cadmium-	3351	3351	3117	0.00	-1.77	cps
Cd	cadmium-	2343	2331	2182	0.00	-0.14	cps
Cd	cadmium-	13	13	4	0.00	0.00	cps
Cd	cadmium-	3175	3125	3434	0.00	-3.74	cps
Cd	cadmium-	2222	2196	2409	0.00	-0.31	cps
Cd	cadmium-	3209	3359	3151	0.00	-3.60	cps
Cd	cadmium-	2251	2358	2211	0.00	-0.29	cps
Cd	cadmium-	8	8	4	0.00	-0.05	cps
Co	cobalt-	41	27	47	0.00	-0.01	cps
Co	cobalt-	28	23	20	0.00	-0.01	cps
Co	cobalt-	40	40	47	0.00	-0.01	cps
Cr	chromium-	91	103	93	0.00	-0.28	cps
Cr	chromium-	84	87	80	0.00	-0.28	cps
Cr	chromium-	103	97	83	0.00	-0.27	cps
Cu	copper-	277	303	240	0.00	-0.07	cps
Cu	copper-	296	330	267	0.00	-0.06	cps
Cu	copper-	327	333	340	0.00	-0.06	cps
Dy	dysprosium-	6	17	0	0.00		cps
Dy	dysprosium-	4	3	7	0.00		cps
Dy	dysprosium-	6	0	0	0.00		cps
Dy	dysprosium-	4	3	3	0.00		cps
Dy	dysprosium-	6	0	0	0.00		cps
Dy	dysprosium-	2	7	0	0.00		cps
Er	erbium-	39	58	50	0.00		cps
Er	erbium-	18	17	13	0.00		cps
Er	erbium-	50	67	42	0.00		cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04LDLX25 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 15:26:28 DataFile Name : 1

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Er	erbium-	16	17	20	0.00		cps
Er	erbium-	31	33	33	0.00		cps
Er	erbium-	10	10	7	0.00		cps
Fe	iron-	137	150	139	0.00	-2.18	cps
Fe	iron-	2886	2878	2956	0.00	-1.07	cps
Fe	iron-	9529	10804	9615	0.00	0.55	cps
Fe	iron-	341	361	333	0.00	0.24	cps
Fe	iron-	135	133	122	0.00	-1.96	cps
Fe	iron-	2654	2461	2723	0.00	-1.19	cps
Gd	gadolinium-	58	33	50	0.00		cps
Gd	gadolinium-	203	243	163	0.00		cps
Gd	gadolinium-	25	17	33	0.00		cps
Gd	gadolinium-	196	210	210	0.00		cps
Gd	gadolinium-	53	50	50	0.00		cps
Gd	gadolinium-	207	180	220	0.00		cps
Ho	holmium-	11404739	12067314	11443612	0.00		cps
Ho	holmium-	5493594	5569398	5605754	0.00		cps
Ho	holmium-	11025523	11033555	11252923	0.00		cps
Ho	holmium-	5441230	5554224	5925331	0.00		cps
Ho	holmium-	10693947	10219030	11469361	0.00		cps
Ho	holmium-	5542263	5747075	5006208	0.00		cps
In	indium-	7274775	6958696	7793133	0.00		cps
In	indium-	1766161	1833151	1604276	0.00		cps
In	indium-	7636350	7645088	7790430	0.00		cps
In	indium-	1761910	1801204	1919785	0.00		cps
In	indium-	7937705	8341076	7922690	0.00		cps
In	indium-	1795083	1812269	1824197	0.00		cps
K	potassium-	7783	7861	7811	0.00	-74.79	cps
K	potassium-	7447	7669	7477	0.00	-79.45	cps
K	potassium-	7769	7827	7627	0.00	-76.38	cps
Kr	krypton-	448	440	493	0.00		cps
Kr	krypton-	394	247	427	0.00		cps
Kr	krypton-	520	643	383	0.00		cps
Li	lithium-	5443067	5456312	5491168	0.00		cps
Li	lithium-	5099915	4885188	5471271	0.00		cps
Li	lithium-	5778377	6096778	5722943	0.00		cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04LDLX25 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 15:26:28 DataFile Name : 1

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Mg	magnesium-	125	108	150	0.00	-0.03	cps
Mg	magnesium-	258	275	275	0.00	0.20	cps
Mg	magnesium-	167	158	175	0.00	0.13	cps
Mn	manganese-	86	90	83	0.00	0.01	cps
Mn	manganese-	72	97	63	0.00	0.00	cps
Mn	manganese-	46	47	53	0.00	-0.01	cps
Mo	molybdenun	328	358	375	0.00	-0.01	cps
Mo	molybdenun	100	75	108	0.00	-0.02	cps
Mo	molybdenun	64	83	75	0.00	-0.02	cps
Mo	molybdenun	33	58	8	0.00	-0.02	cps
Mo	molybdenun	28	58	17	0.00	-0.01	cps
Mo	molybdenun	175	158	208	0.00	-0.01	cps
Mo	molybdenun	106	117	117	0.00	-0.01	cps
Mo	molybdenun	69	67	100	0.00	0.00	cps
Mo	molybdenun	161	150	242	0.00	-0.01	cps
Mo	molybdenun	303	275	317	0.00	0.01	cps
Mo	molybdenun	119	142	125	0.00	-0.02	cps
Mo	molybdenun	97	75	100	0.00	-0.01	cps
Mo	molybdenun	336	250	358	0.00	0.02	cps
Mo	molybdenun	61	42	67	0.00	-0.01	cps
Mo	molybdenun	31	58	25	0.00	-0.01	cps
Na	sodium-	4434	4543	4309	0.00	-22.71	cps
Na	sodium-	4184	4284	4151	0.00	-24.01	cps
Na	sodium-	4173	4126	4251	0.00	-23.65	cps
Nd	neodymium-	4	0	0	0.00		cps
Nd	neodymium-	0	0	0	0.00		cps
Nd	neodymium-	11	7	27	0.00		cps
Nd	neodymium-	2	3	3	0.00		cps
Nd	neodymium-	0	0	0	0.00		cps
Nd	neodymium-	2	3	0	0.00		cps
Ni	nickel-	23	37	13	0.00	-0.02	cps
Ni	nickel-	18	20	3	0.00	-0.02	cps
Ni	nickel-	23	23	27	0.00	-0.02	cps
P	phosphorus-	86	75	75	0.00	-63.85	cps
P	phosphorus-	122	133	100	0.00	-62.24	cps
P	phosphorus-	103	58	142	0.00	-62.81	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04LDLX25 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 15:26:28 DataFile Name : 1

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Pb	lead-	393	433	406	0.00	-0.02	cps
Pb	lead-	482	550	422	0.00	-0.02	cps
Pb	lead-	357	350	350	0.00	-0.02	cps
Rh	rhodium-	8126979	8506513	8148041	0.00		cps
Rh	rhodium-	3814463	3884659	3865955	0.00		cps
Rh	rhodium-	7454514	7133055	7951874	0.00		cps
Rh	rhodium-	3770862	3896276	3417316	0.00		cps
Rh	rhodium-	7822443	7804188	7991070	0.00		cps
Rh	rhodium-	3752627	3834447	4077367	0.00		cps
S	sulfur-	141266	141837	140809	0.00	-8167.11	cps
S	sulfur-	141900	143736	142963	0.00	-8057.06	cps
S	sulfur-	147956	150378	147128	0.00	-8119.22	cps
Sb	antimony-	61	100	42	0.00	0.00	cps
Sb	antimony-	50	83	33	0.00	0.00	cps
Sb	antimony-	39	42	50	0.00	0.00	cps
Sc	scandium-	9172050	9203249	9247750	0.00		cps
Sc	scandium-	439645	448242	473619	0.00		cps
Sc	scandium-	8674483	8318068	9330314	0.00		cps
Sc	scandium-	439981	455134	399044	0.00		cps
Sc	scandium-	9648840	10149096	9659674	0.00		cps
Sc	scandium-	448450	453091	456244	0.00		cps
Se	selenium-	28	-17	77	0.00	-0.12	cps
Se	selenium-	0	0	0	0.00	0.00	cps
Se	selenium-	26	20	24	0.00	-0.94	cps
Se	selenium-	83	136	33	0.00	0.17	cps
Se	selenium-	0	0	0	0.00	0.00	cps
Se	selenium-	23	13	28	0.00	-1.14	cps
Se	selenium-	-4	10	6	0.00	-0.34	cps
Se	selenium-	0	0	0	0.00	0.00	cps
Se	selenium-	30	35	22	0.00	-0.84	cps
Si	silicon-	326680	426225	249270	0.00	-4.02	cps
Si	silicon-	285440	200496	292997	0.00	3.54	cps
Si	silicon-	287620	259376	304750	0.00	-4.73	cps
Sn	tin-	117	100	83	0.00	-0.13	cps
Sn	tin-	69	83	92	0.00	-0.15	cps
Sn	tin-	97	100	100	0.00	-0.14	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04LDLX25 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 15:26:28 DataFile Name : 1

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Sr	strontium-	147	125	125	0.00	0.00	cps
Sr	strontium-	831	1042	583	0.00	0.08	cps
Sr	strontium-	820	542	858	0.00	0.15	cps
Sr	strontium-	1175	1267	1075	0.00	0.03	cps
Sr	strontium-	753	650	917	0.00	0.02	cps
Sr	strontium-	108	142	108	0.00	-0.01	cps
Tb	terbium-	11642990	12266459	11589379	0.00		cps
Tb	terbium-	5590639	5655974	5686332	0.00		cps
Tb	terbium-	10894359	10374598	11643673	0.00		cps
Tb	terbium-	5644625	5804359	5082203	0.00		cps
Tb	terbium-	11311949	11344929	11522386	0.00		cps
Tb	terbium-	5551602	5690493	6032870	0.00		cps
Th	thorium-	285	328	278	0.00	0.01	cps
Th	thorium-	174	183	172	0.00	0.00	cps
Th	thorium-	172	161	172	0.00	0.00	cps
Ti	titanium-	92	92	125	0.00	-0.05	cps
Ti	titanium-	111	133	108	0.00	-0.04	cps
Ti	titanium-	50	42	42	0.00	-0.05	cps
Tl	thallium-	125	133	142	0.00	-0.02	cps
Tl	thallium-	194	267	158	0.00	-0.03	cps
Tl	thallium-	194	233	167	0.00	-0.03	cps
Tl	thallium-	119	125	108	0.00	-0.02	cps
Tl	thallium-	219	208	225	0.00	-0.03	cps
Tl	thallium-	89	50	83	0.00	-0.02	cps
U	uranium-	8	0	8	0.00	0.00	cps
U	uranium-	47	58	50	0.00	0.00	cps
U	uranium-	14	17	17	0.00	0.00	cps
V	vanadium-	24	37	23	0.00	0.00	cps
V	vanadium-	3	7	3	0.00	0.00	cps
V	vanadium-	2	0	7	0.00	0.00	cps
Y	yttrium-	11651248	12196165	11691562	0.00		cps
Y	yttrium-	1664512	1680227	1689371	0.00		cps
Y	yttrium-	11154312	11287569	11208812	0.00		cps
Y	yttrium-	1643008	1679588	1789190	0.00		cps
Y	yttrium-	10622215	10186817	11417549	0.00		cps
Y	yttrium-	1652938	1721118	1494339	0.00		cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-04LDLX25	Instrumnet Name :	P7
Client Sample ID :	KY030LC066-SD-190712	Dilution Factor :	25
Date & Time Acquired ::	2019-07-19 15:26:28	DataFile Name :	1

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zn	zinc-	142	100	183	0.00	-0.14	cps
Zn	zinc-	476	383	483	0.00	0.77	cps
Zn	zinc-	390	370	433	0.00	0.30	cps
Zr	zirconium-	203	233	200	0.00	-0.02	cps
Zr	zirconium-	864	825	858	0.00	0.00	cps
Zr	zirconium-	908	875	950	0.00	0.00	cps
Zr	zirconium-	153	167	142	0.00	-0.03	cps
Zr	zirconium-	903	850	1025	0.00	0.00	cps
Zr	zirconium-	206	183	242	0.00	-0.02	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04LDLX25 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 15:26:28 DataFile Name : 1

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
[Pb]	lead-	135	117	133	0.00	-0.01	cps
[Pb]	lead-	94	117	94	0.00	-0.02	cps
[Pb]	lead-	76	89	72	0.00	-0.02	cps
[Pb]	lead-	109	111	106	0.00	-0.02	cps
[Pb]	lead-	85	78	83	0.00	-0.02	cps
[Pb]	lead-	87	83	100	0.00	-0.02	cps
Ag	silver-	81	100	100	0.00	-0.02	cps
Ag	silver-	31	8	42	0.00	-0.02	cps
Ag	silver-	47	42	42	0.00	-0.02	cps
Ag	silver-	42	33	75	0.00	-0.02	cps
Ag	silver-	64	58	58	0.00	-0.02	cps
Ag	silver-	61	75	50	0.00	-0.01	cps
Al	aluminium-	94	117	75	0.00	0.05	cps
Al	aluminium-	17	25	0	0.00	-0.30	cps
Al	aluminium-	61	50	67	0.00	-0.02	cps
As	arsenic-	2	4	0	0.00	-0.02	cps
As	arsenic-	3	4	2	0.00	-0.01	cps
As	arsenic-	1	2	0	0.00	-0.02	cps
B	boron-	3498	3451	3501	0.00	-0.57	cps
B	boron-	878	833	958	0.00	-0.62	cps
B	boron-	861	767	833	0.00	-0.32	cps
B	boron-	3848	3567	3826	0.00	-0.27	cps
B	boron-	3595	3409	3592	0.00	-0.52	cps
B	boron-	839	783	900	0.00	-0.65	cps
Ba	barium-	39	25	50	0.00	0.00	cps
Ba	barium-	19	42	8	0.00	-0.02	cps
Ba	barium-	3	0	0	0.00	-0.01	cps
Ba	barium-	14	8	17	0.00	-0.02	cps
Ba	barium-	25	33	33	0.00	-0.02	cps
Ba	barium-	11	17	0	0.00	-0.01	cps
Be	beryllium-	42	33	40	0.00	-0.01	cps
Be	beryllium-	43	57	30	0.00	-0.02	cps
Be	beryllium-	49	37	50	0.00	-0.01	cps
Bi	bismuth-	5736793	5521540	6194966	0.00		cps
Bi	bismuth-	3475096	3609294	3178253	0.00		cps
Bi	bismuth-	5943072	5866815	6139364	0.00		cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04LDLX25 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 15:26:28 DataFile Name : 1

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Bi	bismuth-	3423350	3521986	3687285	0.00		cps
Bi	bismuth-	6140897	6439570	6125819	0.00		cps
Bi	bismuth-	3449395	3478379	3512488	0.00		cps
Ca	calcium-	8514	7369	8995	0.00	-8.64	cps
Ca	calcium-	336	225	367	0.00	2.38	cps
Ca	calcium-	2614	3017	2384	0.00	47.32	cps
Ca	calcium-	47164	52236	44461	0.00	40.85	cps
Ca	calcium-	147	175	158	0.00	-3.86	cps
Ca	calcium-	6182	6635	6210	0.00	-13.08	cps
Cd	cadmium-	14	21	13	0.00	-0.08	cps
Cd	cadmium-	3351	3351	3117	0.00	-1.77	cps
Cd	cadmium-	2343	2331	2182	0.00	-0.14	cps
Cd	cadmium-	13	13	4	0.00	0.00	cps
Cd	cadmium-	3175	3125	3434	0.00	-3.74	cps
Cd	cadmium-	2222	2196	2409	0.00	-0.31	cps
Cd	cadmium-	3209	3359	3151	0.00	-3.60	cps
Cd	cadmium-	2251	2358	2211	0.00	-0.29	cps
Cd	cadmium-	8	8	4	0.00	-0.05	cps
Co	cobalt-	41	27	47	0.00	-0.01	cps
Co	cobalt-	28	23	20	0.00	-0.01	cps
Co	cobalt-	40	40	47	0.00	-0.01	cps
Cr	chromium-	91	103	93	0.00	-0.28	cps
Cr	chromium-	84	87	80	0.00	-0.28	cps
Cr	chromium-	103	97	83	0.00	-0.27	cps
Cu	copper-	277	303	240	0.00	-0.07	cps
Cu	copper-	296	330	267	0.00	-0.06	cps
Cu	copper-	327	333	340	0.00	-0.06	cps
Dy	dysprosium-	6	17	0	0.00		cps
Dy	dysprosium-	4	3	7	0.00		cps
Dy	dysprosium-	6	0	0	0.00		cps
Dy	dysprosium-	4	3	3	0.00		cps
Dy	dysprosium-	6	0	0	0.00		cps
Dy	dysprosium-	2	7	0	0.00		cps
Er	erbium-	39	58	50	0.00		cps
Er	erbium-	18	17	13	0.00		cps
Er	erbium-	50	67	42	0.00		cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04LDLX25 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 15:26:28 DataFile Name : 1

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Er	erbium-	16	17	20	0.00		cps
Er	erbium-	31	33	33	0.00		cps
Er	erbium-	10	10	7	0.00		cps
Fe	iron-	137	150	139	0.00	-2.18	cps
Fe	iron-	2886	2878	2956	0.00	-1.07	cps
Fe	iron-	9529	10804	9615	0.00	0.55	cps
Fe	iron-	341	361	333	0.00	0.24	cps
Fe	iron-	135	133	122	0.00	-1.96	cps
Fe	iron-	2654	2461	2723	0.00	-1.19	cps
Gd	gadolinium-	58	33	50	0.00		cps
Gd	gadolinium-	203	243	163	0.00		cps
Gd	gadolinium-	25	17	33	0.00		cps
Gd	gadolinium-	196	210	210	0.00		cps
Gd	gadolinium-	53	50	50	0.00		cps
Gd	gadolinium-	207	180	220	0.00		cps
Ho	holmium-	11404739	12067314	11443612	0.00		cps
Ho	holmium-	5493594	5569398	5605754	0.00		cps
Ho	holmium-	11025523	11033555	11252923	0.00		cps
Ho	holmium-	5441230	5554224	5925331	0.00		cps
Ho	holmium-	10693947	10219030	11469361	0.00		cps
Ho	holmium-	5542263	5747075	5006208	0.00		cps
In	indium-	7274775	6958696	7793133	0.00		cps
In	indium-	1766161	1833151	1604276	0.00		cps
In	indium-	7636350	7645088	7790430	0.00		cps
In	indium-	1761910	1801204	1919785	0.00		cps
In	indium-	7937705	8341076	7922690	0.00		cps
In	indium-	1795083	1812269	1824197	0.00		cps
K	potassium-	7783	7861	7811	0.00	-74.79	cps
K	potassium-	7447	7669	7477	0.00	-79.45	cps
K	potassium-	7769	7827	7627	0.00	-76.38	cps
Kr	krypton-	448	440	493	0.00		cps
Kr	krypton-	394	247	427	0.00		cps
Kr	krypton-	520	643	383	0.00		cps
Li	lithium-	5443067	5456312	5491168	0.00		cps
Li	lithium-	5099915	4885188	5471271	0.00		cps
Li	lithium-	5778377	6096778	5722943	0.00		cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04LDLX25 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 15:26:28 DataFile Name : 1

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Mg	magnesium-	125	108	150	0.00	-0.03	cps
Mg	magnesium-	258	275	275	0.00	0.20	cps
Mg	magnesium-	167	158	175	0.00	0.13	cps
Mn	manganese-	86	90	83	0.00	0.01	cps
Mn	manganese-	72	97	63	0.00	0.00	cps
Mn	manganese-	46	47	53	0.00	-0.01	cps
Mo	molybdenun	328	358	375	0.00	-0.01	cps
Mo	molybdenun	100	75	108	0.00	-0.02	cps
Mo	molybdenun	64	83	75	0.00	-0.02	cps
Mo	molybdenun	33	58	8	0.00	-0.02	cps
Mo	molybdenun	28	58	17	0.00	-0.01	cps
Mo	molybdenun	175	158	208	0.00	-0.01	cps
Mo	molybdenun	106	117	117	0.00	-0.01	cps
Mo	molybdenun	69	67	100	0.00	0.00	cps
Mo	molybdenun	161	150	242	0.00	-0.01	cps
Mo	molybdenun	303	275	317	0.00	0.01	cps
Mo	molybdenun	119	142	125	0.00	-0.02	cps
Mo	molybdenun	97	75	100	0.00	-0.01	cps
Mo	molybdenun	336	250	358	0.00	0.02	cps
Mo	molybdenun	61	42	67	0.00	-0.01	cps
Mo	molybdenun	31	58	25	0.00	-0.01	cps
Na	sodium-	4434	4543	4309	0.00	-22.71	cps
Na	sodium-	4184	4284	4151	0.00	-24.01	cps
Na	sodium-	4173	4126	4251	0.00	-23.65	cps
Nd	neodymium-	4	0	0	0.00		cps
Nd	neodymium-	0	0	0	0.00		cps
Nd	neodymium-	11	7	27	0.00		cps
Nd	neodymium-	2	3	3	0.00		cps
Nd	neodymium-	0	0	0	0.00		cps
Nd	neodymium-	2	3	0	0.00		cps
Ni	nickel-	23	37	13	0.00	-0.02	cps
Ni	nickel-	18	20	3	0.00	-0.02	cps
Ni	nickel-	23	23	27	0.00	-0.02	cps
P	phosphorus-	86	75	75	0.00	-63.85	cps
P	phosphorus-	122	133	100	0.00	-62.24	cps
P	phosphorus-	103	58	142	0.00	-62.81	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04LDLX25 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 15:26:28 DataFile Name : 1

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Pb	lead-	393	433	406	0.00	-0.02	cps
Pb	lead-	482	550	422	0.00	-0.02	cps
Pb	lead-	357	350	350	0.00	-0.02	cps
Rh	rhodium-	8126979	8506513	8148041	0.00		cps
Rh	rhodium-	3814463	3884659	3865955	0.00		cps
Rh	rhodium-	7454514	7133055	7951874	0.00		cps
Rh	rhodium-	3770862	3896276	3417316	0.00		cps
Rh	rhodium-	7822443	7804188	7991070	0.00		cps
Rh	rhodium-	3752627	3834447	4077367	0.00		cps
S	sulfur-	141266	141837	140809	0.00	-8167.11	cps
S	sulfur-	141900	143736	142963	0.00	-8057.06	cps
S	sulfur-	147956	150378	147128	0.00	-8119.22	cps
Sb	antimony-	61	100	42	0.00	0.00	cps
Sb	antimony-	50	83	33	0.00	0.00	cps
Sb	antimony-	39	42	50	0.00	0.00	cps
Sc	scandium-	9172050	9203249	9247750	0.00		cps
Sc	scandium-	439645	448242	473619	0.00		cps
Sc	scandium-	8674483	8318068	9330314	0.00		cps
Sc	scandium-	439981	455134	399044	0.00		cps
Sc	scandium-	9648840	10149096	9659674	0.00		cps
Sc	scandium-	448450	453091	456244	0.00		cps
Se	selenium-	28	-17	77	0.00	-0.12	cps
Se	selenium-	0	0	0	0.00	0.00	cps
Se	selenium-	26	20	24	0.00	-0.94	cps
Se	selenium-	83	136	33	0.00	0.17	cps
Se	selenium-	0	0	0	0.00	0.00	cps
Se	selenium-	23	13	28	0.00	-1.14	cps
Se	selenium-	-4	10	6	0.00	-0.34	cps
Se	selenium-	0	0	0	0.00	0.00	cps
Se	selenium-	30	35	22	0.00	-0.84	cps
Si	silicon-	326680	426225	249270	0.00	-4.02	cps
Si	silicon-	285440	200496	292997	0.00	3.54	cps
Si	silicon-	287620	259376	304750	0.00	-4.73	cps
Sn	tin-	117	100	83	0.00	-0.13	cps
Sn	tin-	69	83	92	0.00	-0.15	cps
Sn	tin-	97	100	100	0.00	-0.14	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04LDLX25 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 15:26:28 DataFile Name : 1

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Sr	strontium-	147	125	125	0.00	0.00	cps
Sr	strontium-	831	1042	583	0.00	0.08	cps
Sr	strontium-	820	542	858	0.00	0.15	cps
Sr	strontium-	1175	1267	1075	0.00	0.03	cps
Sr	strontium-	753	650	917	0.00	0.02	cps
Sr	strontium-	108	142	108	0.00	-0.01	cps
Tb	terbium-	11642990	12266459	11589379	0.00		cps
Tb	terbium-	5590639	5655974	5686332	0.00		cps
Tb	terbium-	10894359	10374598	11643673	0.00		cps
Tb	terbium-	5644625	5804359	5082203	0.00		cps
Tb	terbium-	11311949	11344929	11522386	0.00		cps
Tb	terbium-	5551602	5690493	6032870	0.00		cps
Th	thorium-	285	328	278	0.00	0.01	cps
Th	thorium-	174	183	172	0.00	0.00	cps
Th	thorium-	172	161	172	0.00	0.00	cps
Ti	titanium-	92	92	125	0.00	-0.05	cps
Ti	titanium-	111	133	108	0.00	-0.04	cps
Ti	titanium-	50	42	42	0.00	-0.05	cps
Tl	thallium-	125	133	142	0.00	-0.02	cps
Tl	thallium-	194	267	158	0.00	-0.03	cps
Tl	thallium-	194	233	167	0.00	-0.03	cps
Tl	thallium-	119	125	108	0.00	-0.02	cps
Tl	thallium-	219	208	225	0.00	-0.03	cps
Tl	thallium-	89	50	83	0.00	-0.02	cps
U	uranium-	8	0	8	0.00	0.00	cps
U	uranium-	47	58	50	0.00	0.00	cps
U	uranium-	14	17	17	0.00	0.00	cps
V	vanadium-	24	37	23	0.00	0.00	cps
V	vanadium-	3	7	3	0.00	0.00	cps
V	vanadium-	2	0	7	0.00	0.00	cps
Y	yttrium-	11651248	12196165	11691562	0.00		cps
Y	yttrium-	1664512	1680227	1689371	0.00		cps
Y	yttrium-	11154312	11287569	11208812	0.00		cps
Y	yttrium-	1643008	1679588	1789190	0.00		cps
Y	yttrium-	10622215	10186817	11417549	0.00		cps
Y	yttrium-	1652938	1721118	1494339	0.00		cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-04LDLX25	Instrumnet Name :	P7
Client Sample ID :	KY030LC066-SD-190712	Dilution Factor :	25
Date & Time Acquired ::	2019-07-19 15:26:28	DataFile Name :	1

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zn	zinc-	142	100	183	0.00	-0.14	cps
Zn	zinc-	476	383	483	0.00	0.77	cps
Zn	zinc-	390	370	433	0.00	0.30	cps
Zr	zirconium-	203	233	200	0.00	-0.02	cps
Zr	zirconium-	864	825	858	0.00	0.00	cps
Zr	zirconium-	908	875	950	0.00	0.00	cps
Zr	zirconium-	153	167	142	0.00	-0.03	cps
Zr	zirconium-	903	850	1025	0.00	0.00	cps
Zr	zirconium-	206	183	242	0.00	-0.02	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04LDLX25 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 15:26:28 DataFile Name : 1

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
[Pb]	lead-	135	117	133	0.00	-0.01	cps
[Pb]	lead-	94	117	94	0.00	-0.02	cps
[Pb]	lead-	76	89	72	0.00	-0.02	cps
[Pb]	lead-	109	111	106	0.00	-0.02	cps
[Pb]	lead-	85	78	83	0.00	-0.02	cps
[Pb]	lead-	87	83	100	0.00	-0.02	cps
Ag	silver-	81	100	100	0.00	-0.02	cps
Ag	silver-	31	8	42	0.00	-0.02	cps
Ag	silver-	47	42	42	0.00	-0.02	cps
Ag	silver-	42	33	75	0.00	-0.02	cps
Ag	silver-	64	58	58	0.00	-0.02	cps
Ag	silver-	61	75	50	0.00	-0.01	cps
Al	aluminium-	94	117	75	0.00	0.05	cps
Al	aluminium-	17	25	0	0.00	-0.30	cps
Al	aluminium-	61	50	67	0.00	-0.02	cps
As	arsenic-	2	4	0	0.00	-0.02	cps
As	arsenic-	3	4	2	0.00	-0.01	cps
As	arsenic-	1	2	0	0.00	-0.02	cps
B	boron-	3498	3451	3501	0.00	-0.57	cps
B	boron-	878	833	958	0.00	-0.62	cps
B	boron-	861	767	833	0.00	-0.32	cps
B	boron-	3848	3567	3826	0.00	-0.27	cps
B	boron-	3595	3409	3592	0.00	-0.52	cps
B	boron-	839	783	900	0.00	-0.65	cps
Ba	barium-	39	25	50	0.00	0.00	cps
Ba	barium-	19	42	8	0.00	-0.02	cps
Ba	barium-	3	0	0	0.00	-0.01	cps
Ba	barium-	14	8	17	0.00	-0.02	cps
Ba	barium-	25	33	33	0.00	-0.02	cps
Ba	barium-	11	17	0	0.00	-0.01	cps
Be	beryllium-	42	33	40	0.00	-0.01	cps
Be	beryllium-	43	57	30	0.00	-0.02	cps
Be	beryllium-	49	37	50	0.00	-0.01	cps
Bi	bismuth-	5736793	5521540	6194966	0.00		cps
Bi	bismuth-	3475096	3609294	3178253	0.00		cps
Bi	bismuth-	5943072	5866815	6139364	0.00		cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04LDLX25 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 15:26:28 DataFile Name : 1

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Bi	bismuth-	3423350	3521986	3687285	0.00		cps
Bi	bismuth-	6140897	6439570	6125819	0.00		cps
Bi	bismuth-	3449395	3478379	3512488	0.00		cps
Ca	calcium-	8514	7369	8995	0.00	-8.64	cps
Ca	calcium-	336	225	367	0.00	2.38	cps
Ca	calcium-	2614	3017	2384	0.00	47.32	cps
Ca	calcium-	47164	52236	44461	0.00	40.85	cps
Ca	calcium-	147	175	158	0.00	-3.86	cps
Ca	calcium-	6182	6635	6210	0.00	-13.08	cps
Cd	cadmium-	14	21	13	0.00	-0.08	cps
Cd	cadmium-	3351	3351	3117	0.00	-1.77	cps
Cd	cadmium-	2343	2331	2182	0.00	-0.14	cps
Cd	cadmium-	13	13	4	0.00	0.00	cps
Cd	cadmium-	3175	3125	3434	0.00	-3.74	cps
Cd	cadmium-	2222	2196	2409	0.00	-0.31	cps
Cd	cadmium-	3209	3359	3151	0.00	-3.60	cps
Cd	cadmium-	2251	2358	2211	0.00	-0.29	cps
Cd	cadmium-	8	8	4	0.00	-0.05	cps
Co	cobalt-	41	27	47	0.00	-0.01	cps
Co	cobalt-	28	23	20	0.00	-0.01	cps
Co	cobalt-	40	40	47	0.00	-0.01	cps
Cr	chromium-	91	103	93	0.00	-0.28	cps
Cr	chromium-	84	87	80	0.00	-0.28	cps
Cr	chromium-	103	97	83	0.00	-0.27	cps
Cu	copper-	277	303	240	0.00	-0.07	cps
Cu	copper-	296	330	267	0.00	-0.06	cps
Cu	copper-	327	333	340	0.00	-0.06	cps
Dy	dysprosium-	6	17	0	0.00		cps
Dy	dysprosium-	4	3	7	0.00		cps
Dy	dysprosium-	6	0	0	0.00		cps
Dy	dysprosium-	4	3	3	0.00		cps
Dy	dysprosium-	6	0	0	0.00		cps
Dy	dysprosium-	2	7	0	0.00		cps
Er	erbium-	39	58	50	0.00		cps
Er	erbium-	18	17	13	0.00		cps
Er	erbium-	50	67	42	0.00		cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04LDLX25 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 15:26:28 DataFile Name : 1

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Er	erbium-	16	17	20	0.00		cps
Er	erbium-	31	33	33	0.00		cps
Er	erbium-	10	10	7	0.00		cps
Fe	iron-	137	150	139	0.00	-2.18	cps
Fe	iron-	2886	2878	2956	0.00	-1.07	cps
Fe	iron-	9529	10804	9615	0.00	0.55	cps
Fe	iron-	341	361	333	0.00	0.24	cps
Fe	iron-	135	133	122	0.00	-1.96	cps
Fe	iron-	2654	2461	2723	0.00	-1.19	cps
Gd	gadolinium-	58	33	50	0.00		cps
Gd	gadolinium-	203	243	163	0.00		cps
Gd	gadolinium-	25	17	33	0.00		cps
Gd	gadolinium-	196	210	210	0.00		cps
Gd	gadolinium-	53	50	50	0.00		cps
Gd	gadolinium-	207	180	220	0.00		cps
Ho	holmium-	11404739	12067314	11443612	0.00		cps
Ho	holmium-	5493594	5569398	5605754	0.00		cps
Ho	holmium-	11025523	11033555	11252923	0.00		cps
Ho	holmium-	5441230	5554224	5925331	0.00		cps
Ho	holmium-	10693947	10219030	11469361	0.00		cps
Ho	holmium-	5542263	5747075	5006208	0.00		cps
In	indium-	7274775	6958696	7793133	0.00		cps
In	indium-	1766161	1833151	1604276	0.00		cps
In	indium-	7636350	7645088	7790430	0.00		cps
In	indium-	1761910	1801204	1919785	0.00		cps
In	indium-	7937705	8341076	7922690	0.00		cps
In	indium-	1795083	1812269	1824197	0.00		cps
K	potassium-	7783	7861	7811	0.00	-74.79	cps
K	potassium-	7447	7669	7477	0.00	-79.45	cps
K	potassium-	7769	7827	7627	0.00	-76.38	cps
Kr	krypton-	448	440	493	0.00		cps
Kr	krypton-	394	247	427	0.00		cps
Kr	krypton-	520	643	383	0.00		cps
Li	lithium-	5443067	5456312	5491168	0.00		cps
Li	lithium-	5099915	4885188	5471271	0.00		cps
Li	lithium-	5778377	6096778	5722943	0.00		cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04LDLX25 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 15:26:28 DataFile Name : 1

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Mg	magnesium-	125	108	150	0.00	-0.03	cps
Mg	magnesium-	258	275	275	0.00	0.20	cps
Mg	magnesium-	167	158	175	0.00	0.13	cps
Mn	manganese-	86	90	83	0.00	0.01	cps
Mn	manganese-	72	97	63	0.00	0.00	cps
Mn	manganese-	46	47	53	0.00	-0.01	cps
Mo	molybdenun	328	358	375	0.00	-0.01	cps
Mo	molybdenun	100	75	108	0.00	-0.02	cps
Mo	molybdenun	64	83	75	0.00	-0.02	cps
Mo	molybdenun	33	58	8	0.00	-0.02	cps
Mo	molybdenun	28	58	17	0.00	-0.01	cps
Mo	molybdenun	175	158	208	0.00	-0.01	cps
Mo	molybdenun	106	117	117	0.00	-0.01	cps
Mo	molybdenun	69	67	100	0.00	0.00	cps
Mo	molybdenun	161	150	242	0.00	-0.01	cps
Mo	molybdenun	303	275	317	0.00	0.01	cps
Mo	molybdenun	119	142	125	0.00	-0.02	cps
Mo	molybdenun	97	75	100	0.00	-0.01	cps
Mo	molybdenun	336	250	358	0.00	0.02	cps
Mo	molybdenun	61	42	67	0.00	-0.01	cps
Mo	molybdenun	31	58	25	0.00	-0.01	cps
Na	sodium-	4434	4543	4309	0.00	-22.71	cps
Na	sodium-	4184	4284	4151	0.00	-24.01	cps
Na	sodium-	4173	4126	4251	0.00	-23.65	cps
Nd	neodymium-	4	0	0	0.00		cps
Nd	neodymium-	0	0	0	0.00		cps
Nd	neodymium-	11	7	27	0.00		cps
Nd	neodymium-	2	3	3	0.00		cps
Nd	neodymium-	0	0	0	0.00		cps
Nd	neodymium-	2	3	0	0.00		cps
Ni	nickel-	23	37	13	0.00	-0.02	cps
Ni	nickel-	18	20	3	0.00	-0.02	cps
Ni	nickel-	23	23	27	0.00	-0.02	cps
P	phosphorus-	86	75	75	0.00	-63.85	cps
P	phosphorus-	122	133	100	0.00	-62.24	cps
P	phosphorus-	103	58	142	0.00	-62.81	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04LDLX25 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 15:26:28 DataFile Name : 1

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Pb	lead-	393	433	406	0.00	-0.02	cps
Pb	lead-	482	550	422	0.00	-0.02	cps
Pb	lead-	357	350	350	0.00	-0.02	cps
Rh	rhodium-	8126979	8506513	8148041	0.00		cps
Rh	rhodium-	3814463	3884659	3865955	0.00		cps
Rh	rhodium-	7454514	7133055	7951874	0.00		cps
Rh	rhodium-	3770862	3896276	3417316	0.00		cps
Rh	rhodium-	7822443	7804188	7991070	0.00		cps
Rh	rhodium-	3752627	3834447	4077367	0.00		cps
S	sulfur-	141266	141837	140809	0.00	-8167.11	cps
S	sulfur-	141900	143736	142963	0.00	-8057.06	cps
S	sulfur-	147956	150378	147128	0.00	-8119.22	cps
Sb	antimony-	61	100	42	0.00	0.00	cps
Sb	antimony-	50	83	33	0.00	0.00	cps
Sb	antimony-	39	42	50	0.00	0.00	cps
Sc	scandium-	9172050	9203249	9247750	0.00		cps
Sc	scandium-	439645	448242	473619	0.00		cps
Sc	scandium-	8674483	8318068	9330314	0.00		cps
Sc	scandium-	439981	455134	399044	0.00		cps
Sc	scandium-	9648840	10149096	9659674	0.00		cps
Sc	scandium-	448450	453091	456244	0.00		cps
Se	selenium-	28	-17	77	0.00	-0.12	cps
Se	selenium-	0	0	0	0.00	0.00	cps
Se	selenium-	26	20	24	0.00	-0.94	cps
Se	selenium-	83	136	33	0.00	0.17	cps
Se	selenium-	0	0	0	0.00	0.00	cps
Se	selenium-	23	13	28	0.00	-1.14	cps
Se	selenium-	-4	10	6	0.00	-0.34	cps
Se	selenium-	0	0	0	0.00	0.00	cps
Se	selenium-	30	35	22	0.00	-0.84	cps
Si	silicon-	326680	426225	249270	0.00	-4.02	cps
Si	silicon-	285440	200496	292997	0.00	3.54	cps
Si	silicon-	287620	259376	304750	0.00	-4.73	cps
Sn	tin-	117	100	83	0.00	-0.13	cps
Sn	tin-	69	83	92	0.00	-0.15	cps
Sn	tin-	97	100	100	0.00	-0.14	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04LDLX25 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 15:26:28 DataFile Name : 1

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Sr	strontium-	147	125	125	0.00	0.00	cps
Sr	strontium-	831	1042	583	0.00	0.08	cps
Sr	strontium-	820	542	858	0.00	0.15	cps
Sr	strontium-	1175	1267	1075	0.00	0.03	cps
Sr	strontium-	753	650	917	0.00	0.02	cps
Sr	strontium-	108	142	108	0.00	-0.01	cps
Tb	terbium-	11642990	12266459	11589379	0.00		cps
Tb	terbium-	5590639	5655974	5686332	0.00		cps
Tb	terbium-	10894359	10374598	11643673	0.00		cps
Tb	terbium-	5644625	5804359	5082203	0.00		cps
Tb	terbium-	11311949	11344929	11522386	0.00		cps
Tb	terbium-	5551602	5690493	6032870	0.00		cps
Th	thorium-	285	328	278	0.00	0.01	cps
Th	thorium-	174	183	172	0.00	0.00	cps
Th	thorium-	172	161	172	0.00	0.00	cps
Ti	titanium-	92	92	125	0.00	-0.05	cps
Ti	titanium-	111	133	108	0.00	-0.04	cps
Ti	titanium-	50	42	42	0.00	-0.05	cps
Tl	thallium-	125	133	142	0.00	-0.02	cps
Tl	thallium-	194	267	158	0.00	-0.03	cps
Tl	thallium-	194	233	167	0.00	-0.03	cps
Tl	thallium-	119	125	108	0.00	-0.02	cps
Tl	thallium-	219	208	225	0.00	-0.03	cps
Tl	thallium-	89	50	83	0.00	-0.02	cps
U	uranium-	8	0	8	0.00	0.00	cps
U	uranium-	47	58	50	0.00	0.00	cps
U	uranium-	14	17	17	0.00	0.00	cps
V	vanadium-	24	37	23	0.00	0.00	cps
V	vanadium-	3	7	3	0.00	0.00	cps
V	vanadium-	2	0	7	0.00	0.00	cps
Y	yttrium-	11651248	12196165	11691562	0.00		cps
Y	yttrium-	1664512	1680227	1689371	0.00		cps
Y	yttrium-	11154312	11287569	11208812	0.00		cps
Y	yttrium-	1643008	1679588	1789190	0.00		cps
Y	yttrium-	10622215	10186817	11417549	0.00		cps
Y	yttrium-	1652938	1721118	1494339	0.00		cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-04LDLX25	Instrumnet Name :	P7
Client Sample ID :	KY030LC066-SD-190712	Dilution Factor :	25
Date & Time Acquired ::	2019-07-19 15:26:28	DataFile Name :	1

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zn	zinc-	142	100	183	0.00	-0.14	cps
Zn	zinc-	476	383	483	0.00	0.77	cps
Zn	zinc-	390	370	433	0.00	0.30	cps
Zr	zirconium-	203	233	200	0.00	-0.02	cps
Zr	zirconium-	864	825	858	0.00	0.00	cps
Zr	zirconium-	908	875	950	0.00	0.00	cps
Zr	zirconium-	153	167	142	0.00	-0.03	cps
Zr	zirconium-	903	850	1025	0.00	0.00	cps
Zr	zirconium-	206	183	242	0.00	-0.02	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P7
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 15:48:14	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2208653	2229312	2190881	2209615	0.87	cps
Antimony	121-1	958362	958389	941549	952767	1.02	cps
Arsenic	75-2	44208	44737	44993	44646	0.90	cps
Barium	135-1	1267357	1267697	1262289	1265781	0.24	cps
Barium	137-1	2260924	2275823	2260867	2265871	0.38	cps
Beryllium	9-1	512554	511503	505645	509901	0.73	cps
Bismuth	209-1	1283991	1277068	1276381	1279147	0.33	cps
Bismuth	209-2	755216	772079	761468	762921	1.12	cps
Boron	10-1	88517	89757	87058	88444	1.53	cps
Boron	11-1	370953	376925	370027	372635	1.00	cps
Cadmium	111-1	276328	275025	273742	275032	0.47	cps
Cadmium	106-1	32772	33858	33624	33418	1.71	cps
Cadmium	108-1	22552	22159	21742	22151	1.83	cps
Calcium	43-1	2765318	2764736	2712849	2747634	1.10	cps
Calcium	44-1	44411788	44199416	43603544	44071583	0.95	cps
Chromium	52-2	500951	508457	501313	503574	0.84	cps
Cobalt	59-2	633564	643634	637401	638199	0.80	cps
Copper	63-2	783951	792045	794256	790084	0.69	cps
Dysprosium	156-1	25	17	58	33	66.14	cps
Dysprosium	156-2	53	27	40	40	33.33	cps
Erbium	164-1	17	0	0	6	173.21	cps
Erbium	164-2	7	10	10	9	21.63	cps
Gadolinium	160-1	17	50	42	36	48.03	cps
Gadolinium	160-2	40	57	67	54	24.75	cps
Holmium	165-1	2598872	2630750	2570418	2600013	1.16	cps
Holmium	165-2	1299548	1325199	1299386	1308044	1.14	cps
Indium	115-1	1674779	1675033	1670441	1673418	0.15	cps
Indium	115-2	381508	384578	382803	382963	0.40	cps
Iron	56-2	87599724	86911316	86589594	87033545	0.59	cps
Iron	57-2	2227328	2235900	2215421	2226217	0.46	cps
Krypton	83-1	73	100	77	83	17.44	cps
Lead	206-1	714769	702167	707424	708120	0.89	cps
Lead	207-1	622504	621820	614329	619551	0.73	cps
Lead	208-1	2850653	2838189	2837616	2842153	0.26	cps
Lithium	6-1	1241548	1236328	1227165	1235014	0.59	cps
Magnesium	24-2	24225742	24456234	23968998	24216992	1.01	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P7
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 15:48:14	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	577391	584749	581255	581132	0.63	cps
Molybdenum	94-1	2736534	2734896	2692629	2721353	0.91	cps
Molybdenum	95-1	3384138	3365406	3319128	3356224	1.00	cps
Molybdenum	96-1	3710567	3733600	3674996	3706388	0.80	cps
Molybdenum	97-1	2093790	2091632	2060672	2082032	0.89	cps
Molybdenum	98-1	5401820	5384427	5340958	5375735	0.58	cps
Neodymium	150-1	80	160	153	131	33.86	cps
Neodymium	150-2	30	17	13	20	44.10	cps
Nickel	60-2	160177	160173	159080	159810	0.40	cps
Phosphorus	31-2	23995	24604	24404	24334	1.28	cps
Potassium	39-2	10995482	11178964	10986888	11053778	0.98	cps
Rhodium	103-1	1662717	1663323	1635408	1653816	0.96	cps
Rhodium	103-2	833509	840083	836406	836666	0.39	cps
Scandium	45-1	2138202	2140616	2103092	2127303	0.99	cps
Scandium	45-2	107473	108000	107281	107585	0.35	cps
Selenium	77-2	1187	1307	1350	1281	6.60	cps
Selenium	78-2	4362	4451	4480	4431	1.39	cps
Selenium	82-1	25458	25335	24622	25138	1.79	cps
Silicon	28-1	1412837	1397507	1383260	1397868	1.06	cps
Silver	109-1	1168439	1165403	1166788	1166876	0.13	cps
Silver	107-1	1237040	1217316	1203171	1219176	1.40	cps
Sodium	23-2	47453350	48497264	47552639	47834417	1.20	cps
Strontium	86-1	472416	464846	460927	466063	1.25	cps
Strontium	88-1	4039272	4013949	3979730	4010984	0.74	cps
Sulfur	34-1	402892	395193	390306	396130	1.60	cps
Terbium	159-1	2636978	2636704	2617577	2630420	0.42	cps
Terbium	159-2	1327601	1344873	1335089	1335854	0.65	cps
Thallium	203-1	871101	858777	857126	862335	0.89	cps
Thallium	205-1	2098638	2107669	2089048	2098452	0.44	cps
Thorium	232-1	3692090	3679194	3624749	3665345	0.98	cps
Tin	118-1	791098	787544	776116	784919	1.00	cps
Titanium	47-1	1243793	1225902	1215601	1228432	1.16	cps
Uranium	238-1	3618052	3570332	3531492	3573292	1.21	cps
Vanadium	51-2	437588	443237	439723	440183	0.65	cps
Yttrium	89-1	2566831	2548425	2525765	2547007	0.81	cps
Yttrium	89-2	393512	396685	393169	394455	0.49	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P7
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 15:48:14	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	126626	127564	127695	127295	0.46	cps
Zirconium	90-1	2311292	2291560	2263122	2288658	1.06	cps
Zirconium	91-1	493288	489327	486598	489738	0.69	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : CCB19 Instrumnet Name : P7
 Client Sample ID : CCB19 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 15:54:40 DataFile Name : 043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	50	25	44	39.04	cps
Antimony	121-1	383	442	383	403	8.36	cps
Arsenic	75-2	9	4	2	5	78.12	cps
Barium	135-1	17	42	50	36	48.03	cps
Barium	137-1	92	75	50	72	29.04	cps
Beryllium	9-1	103	47	50	67	47.70	cps
Bismuth	209-1	1451494	1455725	1469817	1459012	0.66	cps
Bismuth	209-2	830265	841657	846370	839431	0.99	cps
Boron	10-1	2884	2792	2884	2853	1.86	cps
Boron	11-1	13248	11897	10679	11941	10.76	cps
Cadmium	111-1	555	636	692	628	10.98	cps
Cadmium	106-1	783	875	975	878	10.92	cps
Cadmium	108-1	8	8	4	7	34.59	cps
Calcium	43-1	142	133	83	119	26.41	cps
Calcium	44-1	4918	4768	4718	4801	2.17	cps
Chromium	52-2	320	293	360	324	10.34	cps
Cobalt	59-2	30	20	10	20	50.00	cps
Copper	63-2	170	150	163	161	6.32	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	0	8	11	114.58	cps
Erbium	164-2	3	0	10	4	114.60	cps
Gadolinium	160-1	17	8	17	14	34.67	cps
Gadolinium	160-2	43	27	40	37	24.04	cps
Holmium	165-1	2632997	2627299	2617588	2625961	0.30	cps
Holmium	165-2	1302399	1309109	1302936	1304815	0.29	cps
Indium	115-1	1813287	1801406	1834735	1816476	0.93	cps
Indium	115-2	406473	405526	408608	406869	0.39	cps
Iron	56-2	3739	3645	3134	3506	9.29	cps
Iron	57-2	183	117	150	150	22.22	cps
Krypton	83-1	63	63	73	67	8.66	cps
Lead	206-1	94	89	78	87	9.75	cps
Lead	207-1	56	78	72	69	16.88	cps
Lead	208-1	378	428	333	380	12.45	cps
Lithium	6-1	1285076	1278869	1283850	1282598	0.26	cps
Magnesium	24-2	583	292	375	417	36.06	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P7
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 15:54:40	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	30	17	33	27	33.06	cps
Molybdenum	94-1	375	258	300	311	19.00	cps
Molybdenum	95-1	275	192	142	203	33.22	cps
Molybdenum	96-1	333	358	225	306	23.20	cps
Molybdenum	97-1	167	133	192	164	17.86	cps
Molybdenum	98-1	500	375	417	431	14.78	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	3	20	17	13	66.16	cps
Phosphorus	31-2	92	50	58	67	33.07	cps
Potassium	39-2	10137	10354	9754	10082	3.02	cps
Rhodium	103-1	1840075	1876668	1882304	1866349	1.23	cps
Rhodium	103-2	915658	918573	920971	918401	0.29	cps
Scandium	45-1	2154108	2186943	2200334	2180461	1.09	cps
Scandium	45-2	106899	108178	106590	107222	0.79	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	13	22	19	18	26.04	cps
Selenium	82-1	44	21	21	28	47.81	cps
Silicon	28-1	87246	87539	86056	86947	0.90	cps
Silver	109-1	58	75	50	61	20.83	cps
Silver	107-1	42	33	42	39	12.38	cps
Sodium	23-2	7077	6960	6668	6902	3.05	cps
Strontium	86-1	158	150	108	139	19.29	cps
Strontium	88-1	158	133	75	122	34.99	cps
Sulfur	34-1	182098	178634	179586	180106	0.99	cps
Terbium	159-1	2660439	2679720	2708394	2682851	0.90	cps
Terbium	159-2	1330309	1341710	1341003	1337674	0.48	cps
Thallium	203-1	242	133	200	192	28.51	cps
Thallium	205-1	425	358	350	378	10.88	cps
Thorium	232-1	294	367	294	319	13.09	cps
Tin	118-1	142	200	250	197	27.49	cps
Titanium	47-1	158	92	117	122	27.56	cps
Uranium	238-1	125	117	67	103	30.70	cps
Vanadium	51-2	7	10	3	7	50.03	cps
Yttrium	89-1	2619622	2650930	2655003	2641852	0.73	cps
Yttrium	89-2	393916	396897	394947	395253	0.38	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P7
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 15:54:40	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	27	47	73	49	47.88	cps
Zirconium	90-1	383	275	358	339	16.74	cps
Zirconium	91-1	150	75	33	86	68.66	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04ADLX5 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 15:58:16 DataFile Name : 044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	959088	958164	950400	955884	0.50	cps
Antimony	121-1	119144	118026	118355	118508	0.48	cps
Arsenic	75-2	9685	9896	9737	9772	1.13	cps
Barium	135-1	320096	316729	316882	317902	0.60	cps
Barium	137-1	548405	545814	547845	547355	0.25	cps
Beryllium	9-1	107309	106325	106745	106793	0.46	cps
Bismuth	209-1	1360129	1347134	1369013	1358759	0.81	cps
Bismuth	209-2	804063	795128	797696	798962	0.58	cps
Boron	10-1	16985	17653	18036	17558	3.03	cps
Boron	11-1	75849	75899	75648	75799	0.18	cps
Cadmium	111-1	51477	51866	52633	51992	1.13	cps
Cadmium	106-1	6977	6710	7144	6944	3.15	cps
Cadmium	108-1	4217	4309	4184	4237	1.53	cps
Calcium	43-1	4759988	4779176	4754648	4764604	0.27	cps
Calcium	44-1	77339100	76272329	76123214	76578214	0.87	cps
Chromium	52-2	126456	125031	125136	125541	0.63	cps
Cobalt	59-2	141213	141680	142978	141957	0.64	cps
Copper	63-2	163171	164596	163103	163624	0.52	cps
Dysprosium	156-1	11672	11755	11497	11642	1.13	cps
Dysprosium	156-2	6705	6668	6352	6575	2.96	cps
Erbium	164-1	9362	9429	9687	9493	1.81	cps
Erbium	164-2	5071	5044	5104	5073	0.59	cps
Gadolinium	160-1	10087	9804	10404	10099	2.97	cps
Gadolinium	160-2	6272	6272	5975	6173	2.78	cps
Holmium	165-1	2619252	2597201	2651978	2622810	1.05	cps
Holmium	165-2	1332859	1318791	1329831	1327160	0.56	cps
Indium	115-1	1762124	1774347	1763084	1766518	0.38	cps
Indium	115-2	400070	399787	405063	401640	0.74	cps
Iron	56-2	16086105	15929301	15878363	15964589	0.68	cps
Iron	57-2	448501	446477	450712	448563	0.47	cps
Krypton	83-1	100	143	167	137	24.75	cps
Lead	206-1	174998	172167	173895	173687	0.82	cps
Lead	207-1	152636	151343	153661	152547	0.76	cps
Lead	208-1	687609	684687	692723	688340	0.59	cps
Lithium	6-1	1301506	1285670	1292828	1293335	0.61	cps
Magnesium	24-2	1559314	1560355	1559705	1559791	0.03	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04ADLX5 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 15:58:16 DataFile Name : 044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	347752	348060	348795	348202	0.15	cps
Molybdenum	94-1	465084	459161	459079	461108	0.75	cps
Molybdenum	95-1	527044	514968	514623	518878	1.36	cps
Molybdenum	96-1	588318	579572	580450	582780	0.83	cps
Molybdenum	97-1	324226	320539	319552	321439	0.77	cps
Molybdenum	98-1	816553	813998	830417	820323	1.08	cps
Neodymium	150-1	18119	16871	17352	17447	3.61	cps
Neodymium	150-2	7342	7062	7285	7230	2.05	cps
Nickel	60-2	38026	38891	38196	38371	1.19	cps
Phosphorus	31-2	2175	2159	2325	2220	4.14	cps
Potassium	39-2	805899	810545	806247	807564	0.32	cps
Rhodium	103-1	1752745	1731050	1777038	1753611	1.31	cps
Rhodium	103-2	867067	868055	874282	869801	0.45	cps
Scandium	45-1	2259105	2229643	2234139	2240962	0.71	cps
Scandium	45-2	109961	110864	111825	110883	0.84	cps
Selenium	77-2	270	287	300	286	5.26	cps
Selenium	78-2	883	863	959	902	5.63	cps
Selenium	82-1	5182	5102	5116	5133	0.84	cps
Silicon	28-1	8073899	8167471	8129741	8123704	0.58	cps
Silver	109-1	252482	251322	248601	250802	0.79	cps
Silver	107-1	264445	263832	262380	263553	0.40	cps
Sodium	23-2	2017841	2012669	2020956	2017155	0.21	cps
Strontium	86-1	338337	333352	335331	335673	0.75	cps
Strontium	88-1	2920988	2882019	2900029	2901012	0.67	cps
Sulfur	34-1	330277	326072	325684	327344	0.78	cps
Terbium	159-1	2696029	2680427	2699074	2691843	0.37	cps
Terbium	159-2	1353354	1359126	1358960	1357147	0.24	cps
Thallium	203-1	167288	168673	170650	168870	1.00	cps
Thallium	205-1	408102	404690	414393	409062	1.20	cps
Thorium	232-1	47002	46378	45686	46355	1.42	cps
Tin	118-1	19189	17553	18404	18382	4.45	cps
Titanium	47-1	78911	76004	75418	76778	2.44	cps
Uranium	238-1	709865	705220	709201	708096	0.35	cps
Vanadium	51-2	125071	123915	125545	124844	0.67	cps
Yttrium	89-1	2846752	2789695	2813478	2816642	1.02	cps
Yttrium	89-2	425995	427984	429683	427887	0.43	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-04ADLX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC066-SD-190712	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 15:58:16	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	28852	28779	29216	28949	0.81	cps
Zirconium	90-1	460875	455831	458340	458349	0.55	cps
Zirconium	91-1	105386	104613	103330	104443	0.99	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-02DL2X25 Instrumnet Name : P7
 Client Sample ID : KY030LC026-SD-190712 Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 16:01:55 DataFile Name : 045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	98246	99856	99304	99135	0.83	cps
Antimony	121-1	208	242	283	244	15.37	cps
Arsenic	75-2	230	237	217	228	4.53	cps
Barium	135-1	9962	10121	10221	10101	1.29	cps
Barium	137-1	17503	17595	17286	17462	0.91	cps
Beryllium	9-1	293	297	307	299	2.32	cps
Bismuth	209-1	1435851	1443677	1447006	1442178	0.40	cps
Bismuth	209-2	835594	846089	845774	842486	0.71	cps
Boron	10-1	2575	2467	2450	2498	2.72	cps
Boron	11-1	10946	11013	11196	11052	1.17	cps
Cadmium	111-1	857	843	800	833	3.55	cps
Cadmium	106-1	1100	1092	1083	1092	0.76	cps
Cadmium	108-1	25	13	42	26	55.46	cps
Calcium	43-1	1077557	1071264	1065652	1071491	0.56	cps
Calcium	44-1	17701297	17632386	17925793	17753159	0.86	cps
Chromium	52-2	8449	8626	9036	8704	3.46	cps
Cobalt	59-2	2054	2020	2144	2072	3.08	cps
Copper	63-2	2267	2017	2307	2197	7.16	cps
Dysprosium	156-1	9162	8653	8761	8859	3.02	cps
Dysprosium	156-2	4994	4851	5178	5008	3.27	cps
Erbium	164-1	6602	6560	6702	6621	1.10	cps
Erbium	164-2	3464	3470	3601	3512	2.19	cps
Gadolinium	160-1	7619	7127	7486	7411	3.43	cps
Gadolinium	160-2	4591	4407	4437	4479	2.20	cps
Holmium	165-1	2697555	2670702	2662619	2676958	0.68	cps
Holmium	165-2	1326040	1334980	1342330	1334450	0.61	cps
Indium	115-1	1829132	1836382	1858058	1841190	0.82	cps
Indium	115-2	407002	410033	414409	410481	0.91	cps
Iron	56-2	2994176	2993454	3005748	2997792	0.23	cps
Iron	57-2	86694	86649	87677	87007	0.67	cps
Krypton	83-1	113	103	80	99	17.30	cps
Lead	206-1	10933	10638	10777	10782	1.37	cps
Lead	207-1	8603	8720	9153	8825	3.29	cps
Lead	208-1	40397	40497	40686	40527	0.36	cps
Lithium	6-1	1307024	1310133	1312783	1309980	0.22	cps
Magnesium	24-2	108935	108918	109290	109048	0.19	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-02DL2X25	Instrumnet Name :	P7
Client Sample ID :	KY030LC026-SD-190712	Dilution Factor :	25
Date & Time Acquired ::	2019-07-19 16:01:55	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	63878	63998	64333	64070	0.37	cps
Molybdenum	94-1	5468	5260	5685	5471	3.89	cps
Molybdenum	95-1	333	375	208	306	28.39	cps
Molybdenum	96-1	1400	1275	1250	1308	6.14	cps
Molybdenum	97-1	150	192	183	175	12.60	cps
Molybdenum	98-1	400	442	392	411	6.52	cps
Neodymium	150-1	12413	12479	12299	12397	0.73	cps
Neodymium	150-2	5224	5208	5448	5293	2.53	cps
Nickel	60-2	900	967	953	940	3.75	cps
Phosphorus	31-2	4851	4509	4618	4659	3.75	cps
Potassium	39-2	84759	84490	84758	84669	0.18	cps
Rhodium	103-1	1852586	1859900	1878572	1863686	0.72	cps
Rhodium	103-2	911350	923055	923170	919191	0.74	cps
Scandium	45-1	2221300	2246562	2261544	2243136	0.91	cps
Scandium	45-2	109632	110088	111693	110471	0.98	cps
Selenium	77-2	43	37	50	43	15.38	cps
Selenium	78-2	56	69	46	57	19.65	cps
Selenium	82-1	34	41	55	43	24.68	cps
Silicon	28-1	347296	356831	351733	351953	1.36	cps
Silver	109-1	108	100	117	108	7.69	cps
Silver	107-1	175	108	92	125	35.28	cps
Sodium	23-2	37063	36712	37021	36932	0.52	cps
Strontium	86-1	69997	68162	69603	69254	1.39	cps
Strontium	88-1	590409	591604	585292	589102	0.57	cps
Sulfur	34-1	206715	207011	208572	207433	0.48	cps
Terbium	159-1	2734597	2716473	2741157	2730742	0.47	cps
Terbium	159-2	1360448	1376129	1374096	1370224	0.62	cps
Thallium	203-1	283	158	208	217	29.04	cps
Thallium	205-1	425	425	517	456	11.62	cps
Thorium	232-1	9320	9315	9470	9368	0.94	cps
Tin	118-1	233	208	333	258	25.60	cps
Titanium	47-1	2034	2000	2217	2084	5.60	cps
Uranium	238-1	6560	6210	6752	6507	4.22	cps
Vanadium	51-2	5781	5791	5961	5845	1.73	cps
Yttrium	89-1	2803836	2819962	2829859	2817886	0.47	cps
Yttrium	89-2	425004	426074	425793	425624	0.13	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-02DL2X25	Instrumnet Name :	P7
Client Sample ID :	KY030LC026-SD-190712	Dilution Factor :	25
Date & Time Acquired ::	2019-07-19 16:01:55	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2100	2197	2280	2192	4.11	cps
Zirconium	90-1	15050	13916	14408	14458	3.93	cps
Zirconium	91-1	3434	3109	3242	3262	5.01	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-03DL2X25 Instrumnet Name : P7
 Client Sample ID : KY030LC058-SD-190712 Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 16:05:31 DataFile Name : 046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	135812	138275	138443	137510	1.07	cps
Antimony	121-1	92	133	133	119	20.14	cps
Arsenic	75-2	278	324	278	293	9.12	cps
Barium	135-1	15601	15292	15150	15348	1.50	cps
Barium	137-1	26059	24990	25700	25583	2.13	cps
Beryllium	9-1	370	430	363	388	9.47	cps
Bismuth	209-1	1449483	1444093	1456600	1450059	0.43	cps
Bismuth	209-2	830697	856073	845195	843988	1.51	cps
Boron	10-1	1884	1909	1959	1917	1.99	cps
Boron	11-1	8453	8411	8528	8464	0.70	cps
Cadmium	111-1	750	730	776	752	3.06	cps
Cadmium	106-1	1033	1017	1083	1045	3.32	cps
Cadmium	108-1	4	21	46	24	88.81	cps
Calcium	43-1	680594	684240	682763	682532	0.27	cps
Calcium	44-1	11266595	11340774	11271467	11292945	0.37	cps
Chromium	52-2	12399	12692	12299	12463	1.64	cps
Cobalt	59-2	2580	2670	2860	2704	5.29	cps
Copper	63-2	7535	7836	7816	7729	2.17	cps
Dysprosium	156-1	11122	11238	10946	11102	1.32	cps
Dysprosium	156-2	6038	5995	5848	5960	1.67	cps
Erbium	164-1	7811	7894	7911	7872	0.68	cps
Erbium	164-2	3997	4287	4311	4199	4.16	cps
Gadolinium	160-1	9270	9212	9078	9187	1.07	cps
Gadolinium	160-2	5368	5565	5505	5479	1.84	cps
Holmium	165-1	2666723	2687787	2667419	2673976	0.45	cps
Holmium	165-2	1311116	1332245	1337146	1326836	1.04	cps
Indium	115-1	1849834	1835185	1842723	1842581	0.40	cps
Indium	115-2	403921	416072	414404	411466	1.60	cps
Iron	56-2	4383269	4442117	4407489	4410959	0.67	cps
Iron	57-2	117192	121225	119891	119436	1.72	cps
Krypton	83-1	110	90	90	97	11.95	cps
Lead	206-1	9998	9993	9798	9930	1.15	cps
Lead	207-1	8636	8370	8092	8366	3.26	cps
Lead	208-1	38550	37955	38084	38196	0.82	cps
Lithium	6-1	1309457	1294938	1295661	1300019	0.63	cps
Magnesium	24-2	136786	135617	136794	136399	0.50	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-03DL2X25	Instrumnet Name :	P7
Client Sample ID :	KY030LC058-SD-190712	Dilution Factor :	25
Date & Time Acquired ::	2019-07-19 16:05:31	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	97849	99517	99581	98982	0.99	cps
Molybdenum	94-1	7110	7044	6985	7046	0.89	cps
Molybdenum	95-1	183	150	150	161	11.94	cps
Molybdenum	96-1	1609	1525	1475	1536	4.39	cps
Molybdenum	97-1	92	92	75	86	11.18	cps
Molybdenum	98-1	250	275	300	275	9.09	cps
Neodymium	150-1	15603	15049	15449	15367	1.86	cps
Neodymium	150-2	6482	6565	6492	6513	0.70	cps
Nickel	60-2	1360	1430	1460	1417	3.62	cps
Phosphorus	31-2	4484	4709	4768	4654	3.22	cps
Potassium	39-2	121989	126106	126889	124994	2.11	cps
Rhodium	103-1	1877167	1870808	1881231	1876402	0.28	cps
Rhodium	103-2	899378	932622	925435	919145	1.90	cps
Scandium	45-1	2264713	2236299	2253117	2251376	0.63	cps
Scandium	45-2	107752	110052	110595	109467	1.38	cps
Selenium	77-2	50	33	50	44	21.66	cps
Selenium	78-2	67	65	69	67	2.77	cps
Selenium	82-1	30	45	58	44	32.50	cps
Silicon	28-1	453416	458337	448251	453335	1.11	cps
Silver	109-1	75	83	67	75	11.11	cps
Silver	107-1	92	125	167	128	29.41	cps
Sodium	23-2	25739	25790	26399	25976	1.41	cps
Strontium	86-1	51300	51410	51928	51546	0.65	cps
Strontium	88-1	447177	440890	442682	443583	0.73	cps
Sulfur	34-1	208379	204238	203486	205368	1.28	cps
Terbium	159-1	2745367	2725337	2708933	2726546	0.67	cps
Terbium	159-2	1335629	1377061	1361043	1357911	1.54	cps
Thallium	203-1	175	150	133	153	13.73	cps
Thallium	205-1	342	392	392	375	7.70	cps
Thorium	232-1	14186	14503	14019	14236	1.73	cps
Tin	118-1	250	275	275	267	5.41	cps
Titanium	47-1	1692	1650	1950	1764	9.21	cps
Uranium	238-1	6060	6152	6127	6113	0.78	cps
Vanadium	51-2	6438	6792	6515	6582	2.83	cps
Yttrium	89-1	2843666	2858210	2870692	2857522	0.47	cps
Yttrium	89-2	416193	431956	429885	426011	2.01	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-03DL2X25	Instrumnet Name :	P7
Client Sample ID :	KY030LC058-SD-190712	Dilution Factor :	25
Date & Time Acquired ::	2019-07-19 16:05:31	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3110	3207	3124	3147	1.67	cps
Zirconium	90-1	18604	19088	19155	18949	1.59	cps
Zirconium	91-1	4393	4384	4034	4270	4.79	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04DL2X25 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 16:09:08 DataFile Name : 047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	54458	54400	53965	54274	0.50	cps
Antimony	121-1	50	175	192	139	55.75	cps
Arsenic	75-2	285	330	320	312	7.52	cps
Barium	135-1	7827	7236	7627	7563	3.98	cps
Barium	137-1	13616	13432	13507	13518	0.68	cps
Beryllium	9-1	283	307	327	306	7.10	cps
Bismuth	209-1	1424367	1431460	1433362	1429730	0.33	cps
Bismuth	209-2	833569	832087	831636	832431	0.12	cps
Boron	10-1	1333	1275	1158	1256	7.10	cps
Boron	11-1	5059	5510	5243	5271	4.30	cps
Cadmium	111-1	856	613	745	738	16.45	cps
Cadmium	106-1	1150	842	983	992	15.56	cps
Cadmium	108-1	17	25	21	21	19.99	cps
Calcium	43-1	1314717	1323594	1310287	1316199	0.51	cps
Calcium	44-1	21735388	22014228	21942893	21897503	0.66	cps
Chromium	52-2	3574	3797	3704	3692	3.04	cps
Cobalt	59-2	1807	1907	1917	1877	3.24	cps
Copper	63-2	2764	2817	2784	2788	0.97	cps
Dysprosium	156-1	2000	1850	1709	1853	7.87	cps
Dysprosium	156-2	1033	1073	1063	1057	1.97	cps
Erbium	164-1	1775	1450	1558	1595	10.38	cps
Erbium	164-2	967	827	910	901	7.82	cps
Gadolinium	160-1	1692	1600	1650	1647	2.79	cps
Gadolinium	160-2	1077	1013	1063	1051	3.18	cps
Holmium	165-1	2638322	2667645	2661949	2655972	0.59	cps
Holmium	165-2	1330926	1328806	1321392	1327041	0.38	cps
Indium	115-1	1837905	1861332	1861819	1853685	0.74	cps
Indium	115-2	413736	416379	414830	414982	0.32	cps
Iron	56-2	6155833	6114570	6009810	6093404	1.24	cps
Iron	57-2	166972	167101	166321	166798	0.25	cps
Krypton	83-1	120	93	107	107	12.50	cps
Lead	206-1	7191	7630	7336	7386	3.03	cps
Lead	207-1	6229	5974	5874	6026	3.04	cps
Lead	208-1	27740	27951	27451	27714	0.91	cps
Lithium	6-1	1320655	1321734	1308435	1316941	0.56	cps
Magnesium	24-2	86030	88862	85292	86728	2.17	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-04DL2X25	Instrumnet Name :	P7
Client Sample ID :	KY030LC066-SD-190712	Dilution Factor :	25
Date & Time Acquired ::	2019-07-19 16:09:08	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	51369	52487	51881	51912	1.08	cps
Molybdenum	94-1	5593	5535	5043	5390	5.61	cps
Molybdenum	95-1	267	175	250	231	21.18	cps
Molybdenum	96-1	1383	1025	1017	1142	18.34	cps
Molybdenum	97-1	75	125	50	83	45.83	cps
Molybdenum	98-1	225	225	250	233	6.19	cps
Neodymium	150-1	2700	2747	2874	2774	3.23	cps
Neodymium	150-2	1267	1153	1190	1203	4.81	cps
Nickel	60-2	2767	2610	2614	2664	3.36	cps
Phosphorus	31-2	475	383	450	436	10.86	cps
Potassium	39-2	35978	36855	36262	36365	1.23	cps
Rhodium	103-1	1856937	1896512	1877772	1877074	1.05	cps
Rhodium	103-2	926378	923135	925956	925156	0.19	cps
Scandium	45-1	2251629	2293600	2272481	2272570	0.92	cps
Scandium	45-2	111797	112872	112402	112357	0.48	cps
Selenium	77-2	13	7	17	12	41.65	cps
Selenium	78-2	33	33	26	31	13.84	cps
Selenium	82-1	-4	28	3	9	184.71	cps
Silicon	28-1	1097795	1104883	1156792	1119823	2.88	cps
Silver	109-1	42	33	8	28	62.46	cps
Silver	107-1	58	75	33	56	37.75	cps
Sodium	23-2	15233	14533	14674	14813	2.50	cps
Strontium	86-1	61708	62378	62930	62339	0.98	cps
Strontium	88-1	528072	529763	528827	528887	0.16	cps
Sulfur	34-1	234636	237132	223646	231805	3.10	cps
Terbium	159-1	2718266	2762421	2759244	2746644	0.90	cps
Terbium	159-2	1359844	1364682	1361343	1361956	0.18	cps
Thallium	203-1	192	133	233	186	26.99	cps
Thallium	205-1	367	350	442	386	12.65	cps
Thorium	232-1	6569	6607	6029	6402	5.05	cps
Tin	118-1	83	200	100	128	49.38	cps
Titanium	47-1	733	708	708	717	2.01	cps
Uranium	238-1	3067	3326	3267	3220	4.21	cps
Vanadium	51-2	18352	18422	18165	18313	0.73	cps
Yttrium	89-1	2735626	2770791	2752752	2753057	0.64	cps
Yttrium	89-2	412670	412985	413648	413101	0.12	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-04DL2X25	Instrumnet Name :	P7
Client Sample ID :	KY030LC066-SD-190712	Dilution Factor :	25
Date & Time Acquired ::	2019-07-19 16:09:08	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2657	2687	2794	2713	2.65	cps
Zirconium	90-1	14516	14725	14925	14722	1.39	cps
Zirconium	91-1	3426	3200	3301	3309	3.41	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04MSDL2X25 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 16:12:44 DataFile Name : 048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	882875	896551	885400	888275	0.82	cps
Antimony	121-1	22093	20332	21375	21267	4.16	cps
Arsenic	75-2	8847	8632	8990	8823	2.04	cps
Barium	135-1	284498	284661	286528	285229	0.40	cps
Barium	137-1	490484	491995	491081	491187	0.15	cps
Beryllium	9-1	93948	95437	94763	94716	0.79	cps
Bismuth	209-1	1368956	1368760	1374820	1370845	0.25	cps
Bismuth	209-2	790373	788807	812227	797136	1.64	cps
Boron	10-1	14975	15041	15350	15122	1.32	cps
Boron	11-1	65568	66982	66221	66257	1.07	cps
Cadmium	111-1	48122	46700	46566	47129	1.83	cps
Cadmium	106-1	6760	6510	6777	6682	2.24	cps
Cadmium	108-1	3855	3921	3855	3877	0.99	cps
Calcium	43-1	4653162	4652338	4678610	4661370	0.32	cps
Calcium	44-1	74649245	75156564	75336593	75047468	0.47	cps
Chromium	52-2	113966	115568	113889	114474	0.83	cps
Cobalt	59-2	128685	131082	128900	129556	1.02	cps
Copper	63-2	148079	149467	147767	148438	0.61	cps
Dysprosium	156-1	10955	11397	11389	11247	2.25	cps
Dysprosium	156-2	6402	6595	6392	6463	1.77	cps
Erbium	164-1	8912	9729	8762	9134	5.70	cps
Erbium	164-2	4954	5034	5044	5011	0.98	cps
Gadolinium	160-1	9737	9704	9562	9668	0.96	cps
Gadolinium	160-2	5855	6192	6151	6066	3.03	cps
Holmium	165-1	2648540	2621137	2637703	2635793	0.52	cps
Holmium	165-2	1307959	1298544	1330852	1312452	1.27	cps
Indium	115-1	1808230	1786186	1785357	1793258	0.72	cps
Indium	115-2	399597	394456	411144	401732	2.13	cps
Iron	56-2	15607943	15665884	15448210	15574012	0.72	cps
Iron	57-2	429056	443730	442701	438496	1.87	cps
Krypton	83-1	137	137	157	143	8.06	cps
Lead	206-1	156353	154086	157213	155884	1.04	cps
Lead	207-1	136482	136637	135851	136323	0.31	cps
Lead	208-1	618383	618603	617727	618238	0.07	cps
Lithium	6-1	1297867	1296288	1288233	1294129	0.40	cps
Magnesium	24-2	1416524	1445086	1446905	1436171	1.19	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04MSDL2X25 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 16:12:44 DataFile Name : 048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	330128	333087	329227	330814	0.61	cps
Molybdenum	94-1	424333	422569	420200	422367	0.49	cps
Molybdenum	95-1	485642	477320	479873	480945	0.89	cps
Molybdenum	96-1	541403	529424	529188	533339	1.31	cps
Molybdenum	97-1	299536	292538	293468	295181	1.29	cps
Molybdenum	98-1	758847	750917	754832	754865	0.53	cps
Neodymium	150-1	16797	16410	16383	16530	1.40	cps
Neodymium	150-2	7152	7132	7369	7218	1.82	cps
Nickel	60-2	34681	35610	35403	35231	1.38	cps
Phosphorus	31-2	2167	2209	2475	2284	7.33	cps
Potassium	39-2	731832	735791	736660	734761	0.35	cps
Rhodium	103-1	1782362	1770214	1766739	1773105	0.46	cps
Rhodium	103-2	874304	862126	893068	876499	1.78	cps
Scandium	45-1	2266669	2259445	2271454	2265856	0.27	cps
Scandium	45-2	110767	110727	112114	111202	0.71	cps
Selenium	77-2	277	327	353	319	12.21	cps
Selenium	78-2	735	826	820	794	6.41	cps
Selenium	82-1	4549	4542	4432	4508	1.46	cps
Silicon	28-1	10692245	10715955	10820303	10742834	0.63	cps
Silver	109-1	185316	182665	184403	184128	0.73	cps
Silver	107-1	194747	196253	193394	194798	0.73	cps
Sodium	23-2	1803949	1822558	1796959	1807822	0.73	cps
Strontium	86-1	330978	329187	329264	329810	0.31	cps
Strontium	88-1	2850303	2846821	2856237	2851121	0.17	cps
Sulfur	34-1	342742	336608	330739	336696	1.78	cps
Terbium	159-1	2692438	2692056	2699168	2694554	0.15	cps
Terbium	159-2	1335156	1328126	1373482	1345588	1.81	cps
Thallium	203-1	149095	149676	149068	149280	0.23	cps
Thallium	205-1	362127	357192	361823	360381	0.77	cps
Thorium	232-1	44137	42704	43981	43607	1.80	cps
Tin	118-1	17628	16569	18062	17420	4.41	cps
Titanium	47-1	85682	85380	85028	85363	0.38	cps
Uranium	238-1	623774	629431	633370	628858	0.77	cps
Vanadium	51-2	116421	118262	117964	117549	0.84	cps
Yttrium	89-1	2857436	2858375	2848376	2854729	0.19	cps
Yttrium	89-2	431468	420111	435312	428964	1.84	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-04MSDL2X25	Instrumnet Name :	P7
Client Sample ID :	KY030LC066-SD-190712	Dilution Factor :	25
Date & Time Acquired ::	2019-07-19 16:12:44	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	27145	26371	27523	27013	2.17	cps
Zirconium	90-1	419371	415861	417875	417703	0.42	cps
Zirconium	91-1	96592	96700	92934	95409	2.25	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04MSDDL2X25 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 16:16:23 DataFile Name : 049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	955278	968744	974474	966165	1.02	cps
Antimony	121-1	12773	14350	13691	13604	5.82	cps
Arsenic	75-2	9822	9942	9672	9812	1.38	cps
Barium	135-1	318462	315536	314347	316115	0.67	cps
Barium	137-1	558092	547733	550412	552079	0.97	cps
Beryllium	9-1	105033	105207	106074	105438	0.53	cps
Bismuth	209-1	1352158	1361029	1362592	1358593	0.41	cps
Bismuth	209-2	798180	801658	811321	803719	0.85	cps
Boron	10-1	16710	15909	17377	16665	4.41	cps
Boron	11-1	70942	71587	73361	71963	1.74	cps
Cadmium	111-1	53275	52652	51578	52502	1.63	cps
Cadmium	106-1	7311	7344	7202	7286	1.02	cps
Cadmium	108-1	3942	4159	4184	4095	3.25	cps
Calcium	43-1	4892121	4926372	4944577	4921024	0.54	cps
Calcium	44-1	78162314	78741898	79624468	78842893	0.93	cps
Chromium	52-2	127189	126429	127933	127184	0.59	cps
Cobalt	59-2	142481	145806	145991	144759	1.36	cps
Copper	63-2	165032	164047	167553	165544	1.09	cps
Dysprosium	156-1	11780	12239	12464	12161	2.87	cps
Dysprosium	156-2	6922	7189	6912	7007	2.24	cps
Erbium	164-1	9704	10129	9837	9890	2.20	cps
Erbium	164-2	5174	4998	5011	5061	1.94	cps
Gadolinium	160-1	10146	9620	10313	10026	3.60	cps
Gadolinium	160-2	6172	6318	6448	6313	2.19	cps
Holmium	165-1	2662709	2637024	2627662	2642465	0.69	cps
Holmium	165-2	1311994	1334331	1352291	1332872	1.51	cps
Indium	115-1	1804156	1786594	1785875	1792208	0.58	cps
Indium	115-2	398910	408169	411600	406226	1.62	cps
Iron	56-2	16284319	16124197	16090336	16166284	0.64	cps
Iron	57-2	452034	459722	453954	455237	0.88	cps
Krypton	83-1	117	143	137	132	10.50	cps
Lead	206-1	175762	173022	174301	174362	0.79	cps
Lead	207-1	151309	150291	152233	151278	0.64	cps
Lead	208-1	694982	687226	682104	688104	0.94	cps
Lithium	6-1	1284999	1278866	1287858	1283908	0.36	cps
Magnesium	24-2	1569046	1576537	1584852	1576812	0.50	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3813-04MSDDL2X25 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SD-190712 Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 16:16:23 DataFile Name : 049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	355080	355865	356336	355760	0.18	cps
Molybdenum	94-1	455944	456131	454438	455504	0.20	cps
Molybdenum	95-1	513000	505735	510924	509886	0.73	cps
Molybdenum	96-1	572532	562628	561764	565641	1.06	cps
Molybdenum	97-1	317611	312237	316163	315337	0.88	cps
Molybdenum	98-1	808786	804713	801068	804856	0.48	cps
Neodymium	150-1	18059	17265	17438	17587	2.37	cps
Neodymium	150-2	7285	7485	7749	7507	3.10	cps
Nickel	60-2	38711	38945	38935	38864	0.34	cps
Phosphorus	31-2	2350	2550	2142	2347	8.70	cps
Potassium	39-2	810419	824162	817970	817517	0.84	cps
Rhodium	103-1	1781189	1759104	1772867	1771054	0.63	cps
Rhodium	103-2	875837	888360	896142	886780	1.16	cps
Scandium	45-1	2240663	2245731	2278404	2254933	0.91	cps
Scandium	45-2	111530	113219	113289	112679	0.88	cps
Selenium	77-2	300	383	353	346	12.21	cps
Selenium	78-2	882	915	930	909	2.71	cps
Selenium	82-1	5044	4924	5143	5037	2.18	cps
Silicon	28-1	5989477	5978298	6088235	6018670	1.01	cps
Silver	109-1	211306	208237	208498	209347	0.81	cps
Silver	107-1	220244	218831	218359	219145	0.45	cps
Sodium	23-2	2019093	2035095	2046902	2033697	0.69	cps
Strontium	86-1	344543	339926	342816	342428	0.68	cps
Strontium	88-1	2944169	2955744	2944274	2948063	0.23	cps
Sulfur	34-1	341654	338832	339478	339988	0.43	cps
Terbium	159-1	2719154	2689513	2721889	2710185	0.66	cps
Terbium	159-2	1353322	1369930	1376542	1366598	0.88	cps
Thallium	203-1	171114	168934	167156	169068	1.17	cps
Thallium	205-1	410769	409143	407083	408998	0.45	cps
Thorium	232-1	47315	46667	47147	47043	0.71	cps
Tin	118-1	17003	17153	16886	17014	0.79	cps
Titanium	47-1	62073	62106	61880	62020	0.20	cps
Uranium	238-1	708965	702972	693736	701891	1.09	cps
Vanadium	51-2	125837	126638	127249	126575	0.56	cps
Yttrium	89-1	2859476	2841594	2875014	2858695	0.59	cps
Yttrium	89-2	430424	436896	440422	435914	1.16	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3813-04MSDDL2X25	Instrumnet Name :	P7
Client Sample ID :	KY030LC066-SD-190712	Dilution Factor :	25
Date & Time Acquired ::	2019-07-19 16:16:23	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	29467	29383	29630	29493	0.43	cps
Zirconium	90-1	460952	454427	460039	458473	0.77	cps
Zirconium	91-1	106830	101625	105142	104532	2.54	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-08 Instrumnet Name : P7
 Client Sample ID : KY030LC068-SD-190709 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 16:20:02 DataFile Name : 050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2469504	2469145	2459121	2465923	0.24	cps
Antimony	121-1	283	308	325	306	6.86	cps
Arsenic	75-2	3589	3600	3550	3580	0.73	cps
Barium	135-1	259410	260450	257264	259042	0.63	cps
Barium	137-1	460775	452323	448555	453884	1.38	cps
Beryllium	9-1	4951	4667	4971	4863	3.49	cps
Bismuth	209-1	1263413	1256245	1235884	1251847	1.14	cps
Bismuth	209-2	708232	721014	716979	715408	0.91	cps
Boron	10-1	7852	7761	8136	7916	2.47	cps
Boron	11-1	35376	33889	33897	34387	2.49	cps
Cadmium	111-1	3768	3226	3363	3452	8.17	cps
Cadmium	106-1	3134	2617	2617	2789	10.70	cps
Cadmium	108-1	650	604	575	610	6.20	cps
Calcium	43-1	23873930	23789652	23767228	23810270	0.24	cps
Calcium	44-1	383098892	378468800	382209042	381258911	0.64	cps
Chromium	52-2	156530	156548	156730	156602	0.07	cps
Cobalt	59-2	43103	43942	44424	43823	1.53	cps
Copper	63-2	41014	41826	41184	41342	1.04	cps
Dysprosium	156-1	83420	81351	79011	81261	2.72	cps
Dysprosium	156-2	45157	45950	44612	45240	1.49	cps
Erbium	164-1	63273	61607	61766	62215	1.48	cps
Erbium	164-2	32482	32509	33375	32789	1.55	cps
Gadolinium	160-1	67844	67041	67467	67451	0.60	cps
Gadolinium	160-2	39293	39898	39253	39481	0.92	cps
Holmium	165-1	2628762	2609150	2571075	2602996	1.13	cps
Holmium	165-2	1289615	1304997	1308619	1301077	0.78	cps
Indium	115-1	1706724	1711667	1703345	1707245	0.25	cps
Indium	115-2	387067	393242	395333	391881	1.10	cps
Iron	56-2	63982999	63472676	62846218	63433964	0.90	cps
Iron	57-2	1764591	1768648	1750669	1761303	0.54	cps
Krypton	83-1	300	347	257	301	14.95	cps
Lead	206-1	135012	134799	134433	134748	0.22	cps
Lead	207-1	108744	107309	107880	107978	0.67	cps
Lead	208-1	512862	507891	508543	509765	0.53	cps
Lithium	6-1	1319582	1298617	1289604	1302601	1.18	cps
Magnesium	24-2	2385881	2389564	2369436	2381627	0.45	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-08 Instrumnet Name : P7
 Client Sample ID : KY030LC068-SD-190709 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 16:20:02 DataFile Name : 050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1204118	1215463	1213414	1210999	0.50	cps
Molybdenum	94-1	115177	115607	112727	114503	1.36	cps
Molybdenum	95-1	1542	1458	1367	1456	6.01	cps
Molybdenum	96-1	21467	22059	21659	21728	1.39	cps
Molybdenum	97-1	825	825	800	817	1.77	cps
Molybdenum	98-1	2734	2467	2575	2592	5.17	cps
Neodymium	150-1	115817	115003	114164	114995	0.72	cps
Neodymium	150-2	49097	48977	49037	49037	0.12	cps
Nickel	60-2	26063	26367	26691	26374	1.19	cps
Phosphorus	31-2	25431	25356	26583	25790	2.67	cps
Potassium	39-2	1641530	1651287	1633790	1642202	0.53	cps
Rhodium	103-1	1649413	1640800	1622949	1637721	0.82	cps
Rhodium	103-2	802343	817368	815767	811826	1.02	cps
Scandium	45-1	2405443	2380734	2376048	2387408	0.66	cps
Scandium	45-2	120727	121645	122041	121471	0.56	cps
Selenium	77-2	330	423	330	361	14.92	cps
Selenium	78-2	300	261	265	275	7.80	cps
Selenium	82-1	442	395	473	437	8.95	cps
Silicon	28-1	49260441	49136992	49406072	49267835	0.27	cps
Silver	109-1	1909	1959	1917	1928	1.39	cps
Silver	107-1	2150	2259	2300	2236	3.46	cps
Sodium	23-2	245964	245653	245882	245833	0.07	cps
Strontium	86-1	1221708	1233364	1216289	1223787	0.71	cps
Strontium	88-1	10717164	10699917	10631504	10682862	0.42	cps
Sulfur	34-1	344177	335418	336070	338555	1.44	cps
Terbium	159-1	2676251	2645895	2659071	2660406	0.57	cps
Terbium	159-2	1315881	1332520	1333946	1327449	0.76	cps
Thallium	203-1	1692	1692	1542	1642	5.28	cps
Thallium	205-1	3559	3626	3601	3595	0.94	cps
Thorium	232-1	201332	198030	199278	199546	0.84	cps
Tin	118-1	833	842	1050	908	13.52	cps
Titanium	47-1	32704	33886	32983	33191	1.86	cps
Uranium	238-1	59648	58658	57362	58556	1.96	cps
Vanadium	51-2	146048	145748	143688	145161	0.88	cps
Yttrium	89-1	3844705	3853402	3789635	3829247	0.90	cps
Yttrium	89-2	581092	585644	589663	585466	0.73	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-08	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-SD-190709	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 16:20:02	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	31380	31771	32115	31756	1.16	cps
Zirconium	90-1	316979	310443	307636	311686	1.54	cps
Zirconium	91-1	72392	70541	70306	71080	1.61	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-08DUP Instrumnet Name : P7
 Client Sample ID : KY030LC068-SD-190709 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 16:23:43 DataFile Name : 051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2530427	2502026	2478549	2503667	1.04	cps
Antimony	121-1	200	225	200	208	6.93	cps
Arsenic	75-2	3741	3515	3680	3646	3.21	cps
Barium	135-1	266510	263959	261886	264118	0.88	cps
Barium	137-1	462850	449977	454037	455621	1.44	cps
Beryllium	9-1	4754	4697	4998	4816	3.31	cps
Bismuth	209-1	1236244	1254635	1220469	1237116	1.38	cps
Bismuth	209-2	710800	712222	716431	713151	0.41	cps
Boron	10-1	7702	7861	7527	7697	2.17	cps
Boron	11-1	32937	32569	33538	33015	1.48	cps
Cadmium	111-1	3717	3555	3304	3525	5.90	cps
Cadmium	106-1	3067	2900	2775	2914	5.02	cps
Cadmium	108-1	538	500	704	581	18.72	cps
Calcium	43-1	22565924	22351262	22591258	22502815	0.59	cps
Calcium	44-1	365104500	358204800	358917375	360742225	1.05	cps
Chromium	52-2	160199	156312	157689	158067	1.25	cps
Cobalt	59-2	44695	43488	44802	44328	1.65	cps
Copper	63-2	40422	40847	40436	40568	0.59	cps
Dysprosium	156-1	84637	82313	81593	82848	1.92	cps
Dysprosium	156-2	45790	45231	46870	45963	1.81	cps
Erbium	164-1	64319	63691	63943	63984	0.49	cps
Erbium	164-2	32853	33391	33371	33205	0.92	cps
Gadolinium	160-1	68589	67535	68213	68112	0.78	cps
Gadolinium	160-2	39992	40547	40854	40464	1.08	cps
Holmium	165-1	2590010	2652268	2593765	2612014	1.34	cps
Holmium	165-2	1273811	1287176	1289464	1283484	0.66	cps
Indium	115-1	1698740	1736460	1685246	1706815	1.56	cps
Indium	115-2	385844	392298	391329	389824	0.89	cps
Iron	56-2	63519576	62484799	62197468	62733948	1.11	cps
Iron	57-2	1771746	1725640	1718013	1738466	1.67	cps
Krypton	83-1	283	250	223	252	11.92	cps
Lead	206-1	133637	130715	131735	132029	1.12	cps
Lead	207-1	106407	106514	105142	106021	0.72	cps
Lead	208-1	503495	496858	498414	499589	0.69	cps
Lithium	6-1	1291379	1311525	1280362	1294422	1.22	cps
Magnesium	24-2	2387354	2352879	2343460	2361231	0.98	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-08DUP Instrumnet Name : P7
 Client Sample ID : KY030LC068-SD-190709 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 16:23:43 DataFile Name : 051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1190287	1176895	1171002	1179395	0.84	cps
Molybdenum	94-1	114245	114456	115548	114749	0.61	cps
Molybdenum	95-1	1417	1517	1583	1506	5.57	cps
Molybdenum	96-1	21967	21300	20966	21411	2.38	cps
Molybdenum	97-1	908	825	900	878	5.23	cps
Molybdenum	98-1	2125	2209	2150	2161	1.98	cps
Neodymium	150-1	116986	115865	117195	116682	0.61	cps
Neodymium	150-2	50442	50248	50161	50284	0.29	cps
Nickel	60-2	25542	25549	25763	25618	0.49	cps
Phosphorus	31-2	27718	27944	27852	27838	0.41	cps
Potassium	39-2	1670257	1657053	1656641	1661317	0.47	cps
Rhodium	103-1	1623581	1692975	1634655	1650404	2.26	cps
Rhodium	103-2	804743	813460	810896	809700	0.55	cps
Scandium	45-1	2360303	2449972	2372283	2394186	2.03	cps
Scandium	45-2	118005	119551	119214	118924	0.68	cps
Selenium	77-2	347	277	367	330	14.32	cps
Selenium	78-2	313	328	298	313	4.73	cps
Selenium	82-1	451	491	496	479	5.13	cps
Silicon	28-1	49057369	48866855	49477599	49133941	0.64	cps
Silver	109-1	1717	1642	1750	1703	3.26	cps
Silver	107-1	2209	1984	2167	2120	5.65	cps
Sodium	23-2	238600	234730	236680	236670	0.82	cps
Strontium	86-1	1218950	1201927	1208327	1209735	0.71	cps
Strontium	88-1	10478668	10499451	10631482	10536533	0.79	cps
Sulfur	34-1	341049	330390	331750	334396	1.73	cps
Terbium	159-1	2651258	2691883	2623976	2655706	1.29	cps
Terbium	159-2	1298729	1320687	1325842	1315086	1.09	cps
Thallium	203-1	1642	1175	1333	1383	17.16	cps
Thallium	205-1	3309	3517	3701	3509	5.59	cps
Thorium	232-1	199712	198096	200300	199369	0.57	cps
Tin	118-1	633	700	750	694	8.43	cps
Titanium	47-1	34542	33046	34274	33954	2.35	cps
Uranium	238-1	63301	62694	63408	63134	0.61	cps
Vanadium	51-2	146007	142096	142130	143411	1.57	cps
Yttrium	89-1	3813434	3907228	3829421	3850028	1.30	cps
Yttrium	89-2	582792	590755	593362	588970	0.93	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-08DUP	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-SD-190709	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 16:23:43	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	28972	28712	28568	28751	0.71	cps
Zirconium	90-1	313790	309981	310103	311291	0.70	cps
Zirconium	91-1	70256	70700	71035	70664	0.55	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-09 Instrumnet Name : P7
 Client Sample ID : KY030LC068-SD-190709 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 16:27:24 DataFile Name : 052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4959539	4970476	5026968	4985661	0.73	cps
Antimony	121-1	27419	28213	27879	27837	1.43	cps
Arsenic	75-2	43585	44546	43816	43982	1.14	cps
Barium	135-1	1425940	1438665	1436093	1433566	0.47	cps
Barium	137-1	2513894	2522851	2546390	2527712	0.66	cps
Beryllium	9-1	444716	440500	446916	444044	0.73	cps
Bismuth	209-1	1174222	1170916	1183512	1176217	0.56	cps
Bismuth	209-2	697428	709945	716661	708011	1.38	cps
Boron	10-1	79425	79986	81009	80140	1.00	cps
Boron	11-1	343161	345123	354303	347529	1.71	cps
Cadmium	111-1	208638	211736	213455	211276	1.16	cps
Cadmium	106-1	27469	27578	27828	27625	0.67	cps
Cadmium	108-1	18120	17086	17307	17504	3.11	cps
Calcium	43-1	18343472	18316572	18718445	18459496	1.22	cps
Calcium	44-1	294659390	294236373	302194290	297030018	1.51	cps
Chromium	52-2	704978	710659	719913	711850	1.06	cps
Cobalt	59-2	618226	631703	633964	627964	1.35	cps
Copper	63-2	689049	698650	706684	698128	1.26	cps
Dysprosium	156-1	111886	110578	112383	111616	0.84	cps
Dysprosium	156-2	62840	63453	64859	63717	1.63	cps
Erbium	164-1	85015	84210	84136	84454	0.58	cps
Erbium	164-2	45188	46041	45405	45545	0.97	cps
Gadolinium	160-1	91674	90584	92631	91630	1.12	cps
Gadolinium	160-2	55737	55957	55519	55737	0.39	cps
Holmium	165-1	2458419	2475831	2492303	2475518	0.68	cps
Holmium	165-2	1273647	1299843	1293854	1289115	1.06	cps
Indium	115-1	1612460	1610931	1621110	1614833	0.34	cps
Indium	115-2	379808	385385	391008	385400	1.45	cps
Iron	56-2	102865052	103009169	104400580	103424934	0.82	cps
Iron	57-2	2709805	2726257	2733001	2723021	0.44	cps
Krypton	83-1	410	393	367	390	5.60	cps
Lead	206-1	754031	745166	753459	750885	0.66	cps
Lead	207-1	664934	664541	663606	664360	0.10	cps
Lead	208-1	2981161	2981735	2995237	2986044	0.27	cps
Lithium	6-1	1221162	1217524	1234008	1224231	0.71	cps
Magnesium	24-2	5543542	5515978	5603563	5554361	0.81	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-09 Instrumnet Name : P7
 Client Sample ID : KY030LC068-SD-190709 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 16:27:24 DataFile Name : 052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1737481	1766094	1730974	1744850	1.07	cps
Molybdenum	94-1	1853254	1863373	1870868	1862498	0.47	cps
Molybdenum	95-1	1998659	1978593	2014953	1997402	0.91	cps
Molybdenum	96-1	2229860	2245486	2282129	2252491	1.19	cps
Molybdenum	97-1	1192889	1194320	1205244	1197484	0.56	cps
Molybdenum	98-1	3178690	3190883	3196932	3188835	0.29	cps
Neodymium	150-1	151121	151436	153999	152185	1.04	cps
Neodymium	150-2	67468	67394	67940	67601	0.44	cps
Nickel	60-2	167454	173301	173196	171317	1.95	cps
Phosphorus	31-2	49274	49341	51122	49912	2.10	cps
Potassium	39-2	4701602	4732206	4786342	4740050	0.91	cps
Rhodium	103-1	1572498	1552989	1564111	1563200	0.63	cps
Rhodium	103-2	789614	802281	804292	798729	1.00	cps
Scandium	45-1	2289696	2284749	2326603	2300349	0.99	cps
Scandium	45-2	118190	121456	122058	120568	1.73	cps
Selenium	77-2	1427	1523	1590	1513	5.43	cps
Selenium	78-2	3847	3960	3986	3931	1.88	cps
Selenium	82-1	19863	19952	20067	19961	0.51	cps
Silicon	28-1	13366310	13309391	13460202	13378634	0.57	cps
Silver	109-1	846073	847698	852578	848783	0.40	cps
Silver	107-1	889328	883703	881915	884982	0.44	cps
Sodium	23-2	4815192	4781517	4859839	4818849	0.82	cps
Strontium	86-1	1595024	1625051	1600436	1606837	1.00	cps
Strontium	88-1	13951897	13866163	13907613	13908558	0.31	cps
Sulfur	34-1	336391	332724	336275	335130	0.62	cps
Terbium	159-1	2533946	2524905	2566545	2541798	0.86	cps
Terbium	159-2	1302518	1326659	1328091	1319089	1.09	cps
Thallium	203-1	730454	720480	733229	728054	0.92	cps
Thallium	205-1	1739895	1730055	1754263	1741404	0.70	cps
Thorium	232-1	235708	238855	235897	236820	0.75	cps
Tin	118-1	168157	171779	172396	170777	1.34	cps
Titanium	47-1	294649	294521	302161	297110	1.47	cps
Uranium	238-1	3134081	3178541	3158070	3156897	0.70	cps
Vanadium	51-2	607852	613064	622155	614357	1.18	cps
Yttrium	89-1	4170915	4159003	4214388	4181435	0.70	cps
Yttrium	89-2	656072	663559	664041	661224	0.68	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-09	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-SD-190709	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 16:27:24	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	126038	126902	126650	126530	0.35	cps
Zirconium	90-1	2084596	2066986	2091378	2080987	0.61	cps
Zirconium	91-1	449898	454874	451583	452118	0.56	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-08LX5 Instrumnet Name : P7
 Client Sample ID : KY030LC068-SD-190709 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 16:31:04 DataFile Name : 053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	499071	504268	496166	499835	0.82	cps
Antimony	121-1	100	133	100	111	17.32	cps
Arsenic	75-2	665	724	713	701	4.50	cps
Barium	135-1	52191	51070	50334	51198	1.83	cps
Barium	137-1	89446	87359	88801	88535	1.21	cps
Beryllium	9-1	957	1113	1087	1052	7.97	cps
Bismuth	209-1	1323388	1359793	1346132	1343104	1.37	cps
Bismuth	209-2	778252	764005	773384	771880	0.94	cps
Boron	10-1	5093	4809	4709	4870	4.08	cps
Boron	11-1	21616	21207	20540	21121	2.57	cps
Cadmium	111-1	1378	1389	1371	1379	0.67	cps
Cadmium	106-1	1367	1483	1383	1411	4.47	cps
Cadmium	108-1	100	113	146	119	19.84	cps
Calcium	43-1	4603949	4591082	4596670	4597234	0.14	cps
Calcium	44-1	74290322	73610308	73503793	73801475	0.58	cps
Chromium	52-2	31130	31591	31825	31515	1.12	cps
Cobalt	59-2	9033	9073	9363	9156	1.97	cps
Copper	63-2	8823	8930	8596	8783	1.94	cps
Dysprosium	156-1	16043	14758	15476	15426	4.17	cps
Dysprosium	156-2	9070	8903	8900	8957	1.09	cps
Erbium	164-1	11855	11831	11447	11711	1.96	cps
Erbium	164-2	6478	6438	6412	6443	0.52	cps
Gadolinium	160-1	13240	13340	13057	13212	1.09	cps
Gadolinium	160-2	8103	8529	8052	8228	3.19	cps
Holmium	165-1	2599919	2650166	2660173	2636753	1.22	cps
Holmium	165-2	1300132	1268626	1300771	1289843	1.42	cps
Indium	115-1	1789564	1832516	1810331	1810804	1.19	cps
Indium	115-2	406030	390420	398917	398455	1.96	cps
Iron	56-2	13044508	13039991	12848818	12977772	0.86	cps
Iron	57-2	370211	373188	369751	371050	0.50	cps
Krypton	83-1	97	120	130	116	14.80	cps
Lead	206-1	27284	26304	26549	26713	1.91	cps
Lead	207-1	22408	20644	20995	21349	4.37	cps
Lead	208-1	103603	99559	99865	101009	2.23	cps
Lithium	6-1	1279794	1287168	1276114	1281025	0.44	cps
Magnesium	24-2	483236	478082	478325	479881	0.61	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-08LX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-SD-190709	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 16:31:04	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	246840	246471	243864	245725	0.66	cps
Molybdenum	94-1	23278	22477	21750	22502	3.40	cps
Molybdenum	95-1	542	608	667	606	10.33	cps
Molybdenum	96-1	4551	4609	4626	4595	0.86	cps
Molybdenum	97-1	383	333	300	339	12.38	cps
Molybdenum	98-1	1133	1058	958	1050	8.36	cps
Neodymium	150-1	22553	22492	21751	22265	2.00	cps
Neodymium	150-2	9617	9583	9887	9696	1.72	cps
Nickel	60-2	5368	5351	5548	5422	2.01	cps
Phosphorus	31-2	5735	5209	5443	5462	4.82	cps
Potassium	39-2	330350	330091	324480	328307	1.01	cps
Rhodium	103-1	1780318	1824369	1797377	1800688	1.23	cps
Rhodium	103-2	875153	851816	872068	866346	1.46	cps
Scandium	45-1	2250902	2325784	2312854	2296513	1.74	cps
Scandium	45-2	111204	108135	109726	109688	1.40	cps
Selenium	77-2	60	93	63	72	25.43	cps
Selenium	78-2	83	98	87	90	8.62	cps
Selenium	82-1	135	99	66	100	34.56	cps
Silicon	28-1	9436279	9459793	9503123	9466398	0.36	cps
Silver	109-1	533	433	417	461	13.68	cps
Silver	107-1	575	433	542	517	14.34	cps
Sodium	23-2	51439	50235	51154	50943	1.24	cps
Strontium	86-1	250099	242189	246116	246135	1.61	cps
Strontium	88-1	2142861	2118071	2123592	2128175	0.61	cps
Sulfur	34-1	219798	220108	221539	220482	0.42	cps
Terbium	159-1	2669516	2692883	2684928	2682442	0.44	cps
Terbium	159-2	1315753	1297890	1335440	1316361	1.43	cps
Thallium	203-1	467	425	342	411	15.48	cps
Thallium	205-1	1067	1075	1067	1070	0.45	cps
Thorium	232-1	38045	36808	36686	37180	2.02	cps
Tin	118-1	325	342	283	317	9.49	cps
Titanium	47-1	5893	6235	6193	6107	3.05	cps
Uranium	238-1	12173	10972	11205	11450	5.56	cps
Vanadium	51-2	28097	28845	28033	28325	1.59	cps
Yttrium	89-1	2919577	2964598	2943966	2942713	0.77	cps
Yttrium	89-2	440257	428157	438413	435609	1.50	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-08LX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-SD-190709	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 16:31:04	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	7675	7709	6945	7443	5.80	cps
Zirconium	90-1	61700	61223	61252	61392	0.44	cps
Zirconium	91-1	14591	13782	14508	14294	3.11	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P7
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 16:43:01	DataFile Name :	055CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2174233	2188042	2200463	2187579	0.60	cps
Antimony	121-1	935826	940852	940362	939013	0.30	cps
Arsenic	75-2	44174	44808	45092	44691	1.05	cps
Barium	135-1	1250192	1257175	1260062	1255810	0.40	cps
Barium	137-1	2224109	2222982	2250540	2232544	0.70	cps
Beryllium	9-1	501725	496470	497623	498606	0.55	cps
Bismuth	209-1	1237347	1234748	1221846	1231314	0.67	cps
Bismuth	209-2	739317	737480	746153	740984	0.62	cps
Boron	10-1	84376	84813	87034	85408	1.67	cps
Boron	11-1	355390	357990	359646	357675	0.60	cps
Cadmium	111-1	272407	271877	270297	271527	0.40	cps
Cadmium	106-1	33165	33424	33131	33240	0.48	cps
Cadmium	108-1	21704	22047	21671	21807	0.95	cps
Calcium	43-1	2730591	2716334	2718456	2721794	0.28	cps
Calcium	44-1	43977010	43849371	43873934	43900105	0.15	cps
Chromium	52-2	494554	497092	503467	498371	0.92	cps
Cobalt	59-2	630096	635910	638015	634673	0.65	cps
Copper	63-2	777182	781910	792986	784026	1.03	cps
Dysprosium	156-1	8	42	50	33	66.15	cps
Dysprosium	156-2	43	37	43	41	9.35	cps
Erbium	164-1	25	25	0	17	86.60	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	17	17	25	19	24.73	cps
Gadolinium	160-2	70	40	57	56	27.06	cps
Holmium	165-1	2537950	2549503	2564830	2550761	0.53	cps
Holmium	165-2	1296108	1311333	1322553	1309998	1.01	cps
Indium	115-1	1658330	1649657	1660242	1656076	0.34	cps
Indium	115-2	382417	384150	387606	384725	0.69	cps
Iron	56-2	86743399	86258907	87022869	86675058	0.45	cps
Iron	57-2	2197968	2198332	2214569	2203623	0.43	cps
Krypton	83-1	117	90	70	92	25.39	cps
Lead	206-1	681316	678612	687467	682465	0.66	cps
Lead	207-1	597949	593080	588677	593235	0.78	cps
Lead	208-1	2737392	2730641	2730066	2732700	0.15	cps
Lithium	6-1	1217648	1203037	1208210	1209632	0.61	cps
Magnesium	24-2	23846304	23789861	23890313	23842159	0.21	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P7
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 16:43:01	DataFile Name :	055CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	575277	577450	584063	578930	0.79	cps
Molybdenum	94-1	2697362	2692683	2695040	2695028	0.09	cps
Molybdenum	95-1	3290140	3310536	3307751	3302809	0.33	cps
Molybdenum	96-1	3672301	3663855	3658677	3664944	0.19	cps
Molybdenum	97-1	2041069	2060999	2072447	2058172	0.77	cps
Molybdenum	98-1	5298531	5308649	5324956	5310712	0.25	cps
Neodymium	150-1	187	100	67	118	52.60	cps
Neodymium	150-2	17	43	47	36	46.24	cps
Nickel	60-2	156407	156686	159244	157446	0.99	cps
Phosphorus	31-2	24830	23887	24613	24443	2.02	cps
Potassium	39-2	10933968	10938591	11052471	10975010	0.61	cps
Rhodium	103-1	1643728	1643820	1651910	1646486	0.29	cps
Rhodium	103-2	826747	836585	843217	835516	0.99	cps
Scandium	45-1	2125527	2117908	2140549	2127995	0.54	cps
Scandium	45-2	104586	107073	108245	106635	1.75	cps
Selenium	77-2	1317	1380	1397	1365	3.09	cps
Selenium	78-2	4440	4271	4571	4427	3.40	cps
Selenium	82-1	25130	24872	24578	24860	1.11	cps
Silicon	28-1	1383161	1384767	1385207	1384379	0.08	cps
Silver	109-1	1152705	1143691	1146609	1147669	0.40	cps
Silver	107-1	1199150	1198741	1203401	1200431	0.21	cps
Sodium	23-2	47156546	46956864	47270600	47128003	0.34	cps
Strontium	86-1	457333	460582	466247	461388	0.98	cps
Strontium	88-1	3968565	3985406	3990347	3981439	0.29	cps
Sulfur	34-1	399693	397668	398011	398457	0.27	cps
Terbium	159-1	2581169	2566575	2586213	2577986	0.40	cps
Terbium	159-2	1327054	1325999	1342989	1332014	0.71	cps
Thallium	203-1	834577	818894	828991	827487	0.96	cps
Thallium	205-1	2035605	2020514	2036466	2030861	0.44	cps
Thorium	232-1	3491657	3539599	3517758	3516338	0.68	cps
Tin	118-1	773908	763181	768555	768548	0.70	cps
Titanium	47-1	1223420	1218336	1214900	1218885	0.35	cps
Uranium	238-1	3418196	3447002	3457978	3441059	0.60	cps
Vanadium	51-2	434386	437794	440837	437672	0.74	cps
Yttrium	89-1	2523610	2541130	2567342	2544027	0.87	cps
Yttrium	89-2	391491	400048	399880	397140	1.23	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P7
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 16:43:01	DataFile Name :	055CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	126219	126723	127802	126915	0.64	cps
Zirconium	90-1	2259853	2260741	2265774	2262123	0.14	cps
Zirconium	91-1	484168	487666	491314	487716	0.73	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P7
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 16:47:39	DataFile Name :	056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	108	67	111	41.31	cps
Antimony	121-1	558	550	483	531	7.75	cps
Arsenic	75-2	4	4	0	2	86.60	cps
Barium	135-1	133	158	67	119	39.67	cps
Barium	137-1	192	150	150	164	14.68	cps
Beryllium	9-1	137	100	77	104	28.96	cps
Bismuth	209-1	1403901	1397382	1390579	1397287	0.48	cps
Bismuth	209-2	798425	811685	814787	808299	1.08	cps
Boron	10-1	3192	3317	2550	3020	13.62	cps
Boron	11-1	13907	13056	12973	13312	3.88	cps
Cadmium	111-1	620	702	593	638	8.86	cps
Cadmium	106-1	850	975	800	875	10.30	cps
Cadmium	108-1	13	8	0	7	91.66	cps
Calcium	43-1	258	300	250	269	9.94	cps
Calcium	44-1	7027	7502	6368	6966	8.17	cps
Chromium	52-2	283	257	297	279	7.30	cps
Cobalt	59-2	37	47	43	42	12.06	cps
Copper	63-2	150	150	183	161	11.95	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	0	8	6	86.60	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-1	33	25	8	22	57.29	cps
Gadolinium	160-2	37	47	50	44	15.61	cps
Holmium	165-1	2556260	2529591	2541654	2542501	0.53	cps
Holmium	165-2	1274399	1279364	1279335	1277699	0.22	cps
Indium	115-1	1787714	1761233	1758436	1769128	0.91	cps
Indium	115-2	398014	404114	401526	401218	0.76	cps
Iron	56-2	5857	5607	4851	5438	9.63	cps
Iron	57-2	194	167	167	176	9.12	cps
Krypton	83-1	67	80	80	76	10.19	cps
Lead	206-1	178	133	150	154	14.61	cps
Lead	207-1	89	111	61	87	28.79	cps
Lead	208-1	472	572	489	511	10.48	cps
Lithium	6-1	1225007	1215879	1215089	1218658	0.45	cps
Magnesium	24-2	1125	825	750	900	22.05	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P7
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 16:47:39	DataFile Name :	056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20	33	20	24	31.49	cps
Molybdenum	94-1	458	442	467	456	2.79	cps
Molybdenum	95-1	575	617	592	594	3.53	cps
Molybdenum	96-1	683	733	475	631	21.73	cps
Molybdenum	97-1	383	375	258	339	20.62	cps
Molybdenum	98-1	950	875	883	903	4.55	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	23	10	13	16	44.60	cps
Phosphorus	31-2	33	75	100	69	48.50	cps
Potassium	39-2	9654	9845	9662	9720	1.12	cps
Rhodium	103-1	1829009	1807309	1813572	1816630	0.61	cps
Rhodium	103-2	893960	912784	903981	903575	1.04	cps
Scandium	45-1	2117997	2086153	2104537	2102896	0.76	cps
Scandium	45-2	102666	105210	104032	103969	1.22	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	19	22	15	19	20.01	cps
Selenium	82-1	28	18	6	17	62.96	cps
Silicon	28-1	85728	85837	85410	85659	0.26	cps
Silver	109-1	125	150	67	114	37.55	cps
Silver	107-1	100	142	92	111	24.11	cps
Sodium	23-2	6885	6610	6710	6735	2.07	cps
Strontium	86-1	58	192	217	156	54.72	cps
Strontium	88-1	333	450	300	361	21.81	cps
Sulfur	34-1	180157	178903	176753	178605	0.96	cps
Terbium	159-1	2626311	2615404	2617777	2619830	0.22	cps
Terbium	159-2	1293491	1330943	1309823	1311419	1.43	cps
Thallium	203-1	217	250	167	211	19.87	cps
Thallium	205-1	575	583	508	556	7.40	cps
Thorium	232-1	895	733	656	761	16.01	cps
Tin	118-1	283	300	308	297	4.28	cps
Titanium	47-1	167	183	108	153	25.78	cps
Uranium	238-1	342	383	275	333	16.39	cps
Vanadium	51-2	23	17	10	17	39.99	cps
Yttrium	89-1	2585272	2568280	2563049	2572200	0.45	cps
Yttrium	89-2	385546	396234	389751	390510	1.38	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P7
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 16:47:39	DataFile Name :	056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	57	37	47	47	21.43	cps
Zirconium	90-1	617	517	408	514	20.28	cps
Zirconium	91-1	67	67	100	78	24.74	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : PB121376BL Instrumnet Name : P7
 Client Sample ID : PB121376BL Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 16:51:15 DataFile Name : 057CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	67	83	75	11.11	cps
Antimony	121-1	175	183	133	164	16.34	cps
Arsenic	75-2	4	4	2	3	34.64	cps
Barium	135-1	0	0	0	0	0.00	cps
Barium	137-1	25	42	8	25	66.68	cps
Beryllium	9-1	60	110	77	82	30.96	cps
Bismuth	209-1	1395910	1401103	1410136	1402383	0.51	cps
Bismuth	209-2	811607	808233	819513	813118	0.71	cps
Boron	10-1	2067	2117	1709	1964	11.34	cps
Boron	11-1	8111	8036	7394	7847	5.02	cps
Cadmium	111-1	687	653	598	646	6.90	cps
Cadmium	106-1	975	925	842	914	7.37	cps
Cadmium	108-1	0	4	17	7	124.88	cps
Calcium	43-1	108	83	67	86	24.35	cps
Calcium	44-1	3676	3734	3526	3645	2.95	cps
Chromium	52-2	287	303	293	294	2.85	cps
Cobalt	59-2	13	20	23	19	26.96	cps
Copper	63-2	97	133	137	122	18.16	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	17	0	11	86.60	cps
Erbium	164-2	0	0	3	1	173.21	cps
Gadolinium	160-1	0	8	17	8	100.02	cps
Gadolinium	160-2	47	27	40	38	26.95	cps
Holmium	165-1	2568270	2574405	2546676	2563117	0.57	cps
Holmium	165-2	1292015	1271662	1292760	1285479	0.93	cps
Indium	115-1	1797102	1809263	1797207	1801191	0.39	cps
Indium	115-2	401596	403031	409265	404631	1.01	cps
Iron	56-2	2278	1967	2089	2111	7.42	cps
Iron	57-2	83	83	94	87	7.37	cps
Krypton	83-1	113	90	73	92	21.79	cps
Lead	206-1	72	56	61	63	13.47	cps
Lead	207-1	61	44	56	54	15.80	cps
Lead	208-1	244	256	222	241	7.05	cps
Lithium	6-1	1251177	1243864	1235059	1243367	0.65	cps
Magnesium	24-2	208	108	92	136	46.36	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : PB121376BL Instrumnet Name : P7
 Client Sample ID : PB121376BL Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 16:51:15 DataFile Name : 057CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7	23	13	14	58.06	cps
Molybdenum	94-1	142	233	217	197	24.76	cps
Molybdenum	95-1	108	83	58	83	30.00	cps
Molybdenum	96-1	175	92	100	122	37.55	cps
Molybdenum	97-1	100	92	25	72	56.92	cps
Molybdenum	98-1	217	208	217	214	2.25	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	23	17	13	18	28.64	cps
Phosphorus	31-2	75	50	33	53	39.74	cps
Potassium	39-2	9970	9570	10171	9904	3.09	cps
Rhodium	103-1	1853120	1857063	1844011	1851398	0.36	cps
Rhodium	103-2	912050	907858	922759	914222	0.84	cps
Scandium	45-1	2146034	2133309	2139189	2139511	0.30	cps
Scandium	45-2	106620	105717	108131	106823	1.14	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	30	33	33	32	6.66	cps
Selenium	82-1	-27	-4	19	-4	-616.29	cps
Silicon	28-1	88109	86081	86575	86921	1.22	cps
Silver	109-1	25	25	17	22	21.64	cps
Silver	107-1	42	25	58	42	40.00	cps
Sodium	23-2	4868	5101	5151	5040	3.00	cps
Strontium	86-1	150	158	133	147	8.65	cps
Strontium	88-1	42	50	75	56	31.22	cps
Sulfur	34-1	187407	187448	182344	185733	1.58	cps
Terbium	159-1	2622416	2601950	2617770	2614045	0.41	cps
Terbium	159-2	1311219	1312114	1322657	1315330	0.48	cps
Thallium	203-1	83	133	117	111	22.91	cps
Thallium	205-1	225	317	258	267	17.40	cps
Thorium	232-1	328	239	183	250	29.14	cps
Tin	118-1	192	142	133	156	20.28	cps
Titanium	47-1	42	83	58	61	34.32	cps
Uranium	238-1	25	17	17	19	24.73	cps
Vanadium	51-2	0	3	0	1	173.21	cps
Yttrium	89-1	2628988	2618830	2628119	2625312	0.21	cps
Yttrium	89-2	393253	393636	398038	394976	0.67	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	PB121376BL	Instrumnet Name :	P7
Client Sample ID :	PB121376BL	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 16:51:15	DataFile Name :	057CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	53	73	37	54	33.71	cps
Zirconium	90-1	217	208	300	242	20.98	cps
Zirconium	91-1	50	75	58	61	20.83	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	PB121376BS	Instrumnet Name :	P7
Client Sample ID :	PB121376BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 16:54:51	DataFile Name :	058LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	434296	426944	429665	430302	0.86	cps
Antimony	121-1	971653	964298	964188	966713	0.44	cps
Arsenic	75-2	44830	45090	44953	44957	0.29	cps
Barium	135-1	1306009	1290226	1307027	1301088	0.72	cps
Barium	137-1	2326517	2316812	2336066	2326465	0.41	cps
Beryllium	9-1	516338	510799	509216	512118	0.73	cps
Bismuth	209-1	1362842	1354444	1350097	1355795	0.48	cps
Bismuth	209-2	799613	806914	845766	817431	3.03	cps
Boron	10-1	83799	85810	85131	84913	1.20	cps
Boron	11-1	359619	362683	367748	363350	1.13	cps
Cadmium	111-1	269476	266350	266769	267531	0.63	cps
Cadmium	106-1	33516	32847	32305	32889	1.84	cps
Cadmium	108-1	22397	22138	22385	22307	0.65	cps
Calcium	43-1	583344	574124	570846	576105	1.12	cps
Calcium	44-1	9405656	9276547	9284084	9322096	0.78	cps
Chromium	52-2	505280	504422	503637	504446	0.16	cps
Cobalt	59-2	666230	663758	662439	664142	0.29	cps
Copper	63-2	800991	803267	807362	803874	0.40	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	33	40	43	39	13.09	cps
Erbium	164-1	17	17	0	11	86.60	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	33	17	17	22	43.28	cps
Gadolinium	160-2	37	73	37	49	43.30	cps
Holmium	165-1	2591121	2634201	2621595	2615639	0.85	cps
Holmium	165-2	1322331	1330699	1332647	1328559	0.41	cps
Indium	115-1	1759765	1757154	1774810	1763910	0.54	cps
Indium	115-2	400843	402049	425158	409350	3.35	cps
Iron	56-2	18439058	18165483	18103867	18236136	0.98	cps
Iron	57-2	476289	477998	475646	476644	0.25	cps
Krypton	83-1	97	57	70	74	27.36	cps
Lead	206-1	730861	730252	728201	729771	0.19	cps
Lead	207-1	637454	634827	639278	637186	0.35	cps
Lead	208-1	2950348	2914839	2923928	2929705	0.63	cps
Lithium	6-1	1249332	1234135	1235163	1239543	0.69	cps
Magnesium	24-2	5020541	4942147	4948914	4970534	0.87	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : PB121376BS Instrumnet Name : P7
 Client Sample ID : PB121376BS Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 16:54:51 DataFile Name : 058LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	598432	594930	597687	597016	0.31	cps
Molybdenum	94-1	2773168	2762308	2773757	2769744	0.23	cps
Molybdenum	95-1	3423671	3396022	3398759	3406151	0.45	cps
Molybdenum	96-1	3791811	3752107	3752932	3765617	0.60	cps
Molybdenum	97-1	2125399	2092420	2110536	2109452	0.78	cps
Molybdenum	98-1	5456585	5465753	5447118	5456485	0.17	cps
Neodymium	150-1	127	87	67	93	32.73	cps
Neodymium	150-2	10	10	7	9	21.63	cps
Nickel	60-2	163766	164485	164373	164208	0.24	cps
Phosphorus	31-2	25330	24621	25256	25069	1.56	cps
Potassium	39-2	2235706	2191522	2192815	2206681	1.14	cps
Rhodium	103-1	1785207	1782892	1795753	1787951	0.38	cps
Rhodium	103-2	887584	894682	944424	908896	3.41	cps
Scandium	45-1	2181145	2152636	2164188	2165990	0.66	cps
Scandium	45-2	106516	107063	111064	108214	2.29	cps
Selenium	77-2	1417	1307	1447	1390	5.30	cps
Selenium	78-2	4721	4819	4708	4750	1.28	cps
Selenium	82-1	27103	26777	26875	26918	0.62	cps
Silicon	28-1	1455343	1437048	1444190	1445527	0.64	cps
Silver	109-1	1175363	1162506	1163734	1167201	0.61	cps
Silver	107-1	1237822	1228823	1224594	1230413	0.55	cps
Sodium	23-2	9928744	9756299	9790007	9825017	0.93	cps
Strontium	86-1	413419	409374	407273	410022	0.76	cps
Strontium	88-1	3576343	3563322	3547128	3562265	0.41	cps
Sulfur	34-1	403728	393871	394169	397256	1.41	cps
Terbium	159-1	2686753	2659055	2670354	2672054	0.52	cps
Terbium	159-2	1351221	1369003	1350125	1356783	0.78	cps
Thallium	203-1	882113	886407	878719	882413	0.44	cps
Thallium	205-1	2153854	2162644	2168671	2161723	0.34	cps
Thorium	232-1	3654654	3629625	3622139	3635473	0.47	cps
Tin	118-1	815608	813834	819864	816435	0.38	cps
Titanium	47-1	1253715	1235404	1233231	1240783	0.91	cps
Uranium	238-1	3543785	3531565	3521972	3532440	0.31	cps
Vanadium	51-2	439834	438455	440123	439470	0.20	cps
Yttrium	89-1	2631664	2625427	2637414	2631502	0.23	cps
Yttrium	89-2	400360	398354	423993	407569	3.50	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	PB121376BS	Instrumnet Name :	P7
Client Sample ID :	PB121376BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 16:54:51	DataFile Name :	058LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	127248	128825	128193	128089	0.62	cps
Zirconium	90-1	2323395	2325939	2318673	2322669	0.16	cps
Zirconium	91-1	497602	498705	491238	495848	0.81	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-10 Instrumnet Name : P7
 Client Sample ID : KY030LC068-SD-190709 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 16:58:27 DataFile Name : 059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4890557	4940127	5027226	4952637	1.40	cps
Antimony	121-1	41588	42841	41596	42009	1.72	cps
Arsenic	75-2	43717	44354	45203	44425	1.68	cps
Barium	135-1	1529533	1536283	1529026	1531614	0.26	cps
Barium	137-1	2679964	2693637	2666208	2679936	0.51	cps
Beryllium	9-1	461600	463866	461893	462453	0.27	cps
Bismuth	209-1	1183505	1186078	1184020	1184534	0.11	cps
Bismuth	209-2	693708	702140	723133	706327	2.15	cps
Boron	10-1	78906	81939	82072	80972	2.21	cps
Boron	11-1	345985	351792	351703	349827	0.95	cps
Cadmium	111-1	223423	224841	223947	224070	0.32	cps
Cadmium	106-1	28488	28229	28805	28507	1.01	cps
Cadmium	108-1	18141	18875	18216	18411	2.19	cps
Calcium	43-1	16631525	16577975	16681747	16630416	0.31	cps
Calcium	44-1	266493373	267408398	266958064	266953278	0.17	cps
Chromium	52-2	720409	731642	741683	731244	1.46	cps
Cobalt	59-2	634460	651878	659398	648579	1.97	cps
Copper	63-2	711252	732751	746629	730211	2.44	cps
Dysprosium	156-1	103883	103389	106478	104583	1.59	cps
Dysprosium	156-2	57878	58926	59719	58841	1.57	cps
Erbium	164-1	78158	76708	77981	77616	1.02	cps
Erbium	164-2	39664	41617	42754	41345	3.78	cps
Gadolinium	160-1	85853	84780	84762	85132	0.73	cps
Gadolinium	160-2	51152	51189	52417	51586	1.40	cps
Holmium	165-1	2503305	2526365	2539998	2523223	0.74	cps
Holmium	165-2	1260207	1296239	1317945	1291464	2.26	cps
Indium	115-1	1635431	1646228	1653188	1644949	0.54	cps
Indium	115-2	380685	387716	397412	388605	2.16	cps
Iron	56-2	103341719	103319425	104895397	103852180	0.87	cps
Iron	57-2	2713915	2728467	2764076	2735486	0.94	cps
Krypton	83-1	337	367	370	358	5.13	cps
Lead	206-1	793369	780580	789038	787662	0.83	cps
Lead	207-1	696787	696580	695982	696450	0.06	cps
Lead	208-1	3143004	3147659	3157129	3149264	0.23	cps
Lithium	6-1	1221461	1218358	1219015	1219611	0.13	cps
Magnesium	24-2	5478453	5500710	5585293	5521485	1.02	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-10 Instrumnet Name : P7
 Client Sample ID : KY030LC068-SD-190709 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 16:58:27 DataFile Name : 059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1738232	1770593	1750145	1752990	0.93	cps
Molybdenum	94-1	1944990	1961744	1935981	1947572	0.67	cps
Molybdenum	95-1	2113472	2128499	2141207	2127726	0.65	cps
Molybdenum	96-1	2369240	2386266	2404882	2386796	0.75	cps
Molybdenum	97-1	1261526	1272286	1256254	1263355	0.65	cps
Molybdenum	98-1	3382652	3369316	3369132	3373700	0.23	cps
Neodymium	150-1	145301	142706	143878	143962	0.90	cps
Neodymium	150-2	62970	64359	64550	63960	1.35	cps
Nickel	60-2	173790	178626	181734	178050	2.25	cps
Phosphorus	31-2	36262	37030	38309	37200	2.78	cps
Potassium	39-2	4671141	4715155	4810017	4732104	1.50	cps
Rhodium	103-1	1581685	1587589	1596532	1588602	0.47	cps
Rhodium	103-2	794359	805029	821446	806945	1.69	cps
Scandium	45-1	2287402	2302388	2315416	2301735	0.61	cps
Scandium	45-2	117125	119631	122292	119683	2.16	cps
Selenium	77-2	1453	1713	1477	1548	9.29	cps
Selenium	78-2	4138	3962	4191	4097	2.93	cps
Selenium	82-1	21208	21184	21124	21172	0.20	cps
Silicon	28-1	30026336	30404378	30451312	30294009	0.77	cps
Silver	109-1	890529	900105	891747	894127	0.58	cps
Silver	107-1	930699	942354	935409	936154	0.63	cps
Sodium	23-2	4929085	4957630	5011793	4966169	0.85	cps
Strontium	86-1	1544758	1552755	1566870	1554794	0.72	cps
Strontium	88-1	13435099	13588149	13517077	13513441	0.57	cps
Sulfur	34-1	322239	322326	325767	323444	0.62	cps
Terbium	159-1	2576173	2561712	2591814	2576566	0.58	cps
Terbium	159-2	1299972	1325949	1337857	1321260	1.47	cps
Thallium	203-1	761359	760358	761077	760931	0.07	cps
Thallium	205-1	1851765	1844074	1854759	1850199	0.30	cps
Thorium	232-1	246856	249184	249741	248594	0.62	cps
Tin	118-1	113187	112405	112742	112778	0.35	cps
Titanium	47-1	283640	285495	282498	283878	0.53	cps
Uranium	238-1	3254131	3306148	3245098	3268459	1.01	cps
Vanadium	51-2	590015	600910	612995	601306	1.91	cps
Yttrium	89-1	3981550	4003373	4029660	4004861	0.60	cps
Yttrium	89-2	616073	627019	642490	628527	2.11	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-10	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-SD-190709	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 16:58:27	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	130681	133467	138203	134117	2.84	cps
Zirconium	90-1	2105195	2097475	2091946	2098205	0.32	cps
Zirconium	91-1	454238	455023	455308	454857	0.12	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-08A Instrumnet Name : P7
 Client Sample ID : KY030LC068-SD-190709 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 17:02:08 DataFile Name : 060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5129229	5139122	5141462	5136604	0.13	cps
Antimony	121-1	617568	616651	611680	615300	0.51	cps
Arsenic	75-2	46251	47148	46513	46637	0.99	cps
Barium	135-1	1544195	1564292	1552814	1553767	0.65	cps
Barium	137-1	2703478	2736393	2717107	2718992	0.61	cps
Beryllium	9-1	473762	475594	474814	474724	0.19	cps
Bismuth	209-1	1178424	1180532	1183139	1180698	0.20	cps
Bismuth	209-2	696302	706344	703583	702077	0.74	cps
Boron	10-1	85265	84879	86346	85497	0.89	cps
Boron	11-1	373116	373444	378033	374864	0.73	cps
Cadmium	111-1	231730	230620	231009	231120	0.24	cps
Cadmium	106-1	29632	29949	30058	29879	0.74	cps
Cadmium	108-1	19138	18733	18834	18902	1.12	cps
Calcium	43-1	17803081	17966496	17853339	17874305	0.47	cps
Calcium	44-1	287183148	289491823	287930098	288201690	0.41	cps
Chromium	52-2	748595	751499	755181	751759	0.44	cps
Cobalt	59-2	664634	670291	673764	669563	0.69	cps
Copper	63-2	741336	757994	750739	750023	1.11	cps
Dysprosium	156-1	109973	109611	109587	109724	0.20	cps
Dysprosium	156-2	61256	61939	62080	61758	0.71	cps
Erbium	164-1	84412	82576	82793	83260	1.20	cps
Erbium	164-2	44228	43934	44114	44092	0.34	cps
Gadolinium	160-1	91900	90155	87865	89973	2.25	cps
Gadolinium	160-2	53632	55853	54495	54660	2.05	cps
Holmium	165-1	2568563	2561716	2552837	2561039	0.31	cps
Holmium	165-2	1296885	1303261	1295428	1298524	0.32	cps
Indium	115-1	1655022	1663649	1662560	1660410	0.28	cps
Indium	115-2	393005	392812	393651	393156	0.11	cps
Iron	56-2	107404102	106345422	107369105	107039543	0.56	cps
Iron	57-2	2820116	2829100	2815095	2821437	0.25	cps
Krypton	83-1	350	333	397	360	9.12	cps
Lead	206-1	801377	797622	795545	798181	0.37	cps
Lead	207-1	703828	703454	705287	704190	0.14	cps
Lead	208-1	3183674	3186772	3186451	3185633	0.05	cps
Lithium	6-1	1228615	1232940	1224086	1228547	0.36	cps
Magnesium	24-2	5706393	5709947	5737464	5717935	0.30	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-08A Instrumnet Name : P7
 Client Sample ID : KY030LC068-SD-190709 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 17:02:08 DataFile Name : 060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1781437	1760197	1780177	1773937	0.67	cps
Molybdenum	94-1	2019171	2033649	2011006	2021276	0.57	cps
Molybdenum	95-1	2196639	2211308	2175701	2194549	0.82	cps
Molybdenum	96-1	2465101	2461905	2462808	2463272	0.07	cps
Molybdenum	97-1	1313733	1311619	1307995	1311115	0.22	cps
Molybdenum	98-1	3478802	3509752	3514154	3500903	0.55	cps
Neodymium	150-1	150366	148559	149761	149562	0.62	cps
Neodymium	150-2	66855	67207	66687	66916	0.40	cps
Nickel	60-2	182065	184491	184539	183698	0.77	cps
Phosphorus	31-2	43255	42762	44375	43464	1.90	cps
Potassium	39-2	4951102	4917621	4924806	4931176	0.36	cps
Rhodium	103-1	1593304	1618641	1608921	1606955	0.80	cps
Rhodium	103-2	809835	814700	818758	814431	0.55	cps
Scandium	45-1	2349824	2382172	2347641	2359879	0.82	cps
Scandium	45-2	120310	122148	121694	121384	0.79	cps
Selenium	77-2	1567	1623	1690	1627	3.80	cps
Selenium	78-2	4162	4125	4090	4125	0.88	cps
Selenium	82-1	21579	21880	21914	21791	0.85	cps
Silicon	28-1	23270864	23483251	23409456	23387857	0.46	cps
Silver	109-1	953330	955106	960061	956166	0.36	cps
Silver	107-1	1005279	1003939	987930	999050	0.97	cps
Sodium	23-2	5093110	5113639	5118119	5108289	0.26	cps
Strontium	86-1	1612305	1644230	1615508	1624014	1.08	cps
Strontium	88-1	14060240	14180546	14129439	14123408	0.43	cps
Sulfur	34-1	338218	335142	342403	338588	1.08	cps
Terbium	159-1	2605707	2602193	2591085	2599662	0.29	cps
Terbium	159-2	1322392	1331951	1345517	1333287	0.87	cps
Thallium	203-1	784249	788904	775884	783012	0.84	cps
Thallium	205-1	1874501	1887837	1873566	1878635	0.42	cps
Thorium	232-1	243743	242209	243737	243230	0.36	cps
Tin	118-1	146498	145025	145597	145707	0.51	cps
Titanium	47-1	309237	311968	312314	311173	0.54	cps
Uranium	238-1	3265128	3314707	3310991	3296942	0.84	cps
Vanadium	51-2	632392	636313	633876	634193	0.31	cps
Yttrium	89-1	4150735	4185664	4135318	4157239	0.62	cps
Yttrium	89-2	650877	656620	648679	652059	0.63	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-08A	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-SD-190709	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 17:02:08	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	137200	134408	136056	135888	1.03	cps
Zirconium	90-1	2177407	2187315	2181297	2182006	0.23	cps
Zirconium	91-1	473404	476466	469847	473239	0.70	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-11 Instrumnet Name : P7
 Client Sample ID : KY030LC051-SD-190709 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 17:05:48 DataFile Name : 061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2431951	2398979	2427157	2419362	0.74	cps
Antimony	121-1	4226	3784	4618	4209	9.91	cps
Arsenic	75-2	3573	3510	3541	3541	0.89	cps
Barium	135-1	521225	509486	511452	514055	1.22	cps
Barium	137-1	901499	896450	879827	892592	1.27	cps
Beryllium	9-1	4974	4944	4551	4823	4.90	cps
Bismuth	209-1	1285550	1289700	1278790	1284680	0.43	cps
Bismuth	209-2	756239	729818	720724	735594	2.51	cps
Boron	10-1	9870	9870	9362	9701	3.03	cps
Boron	11-1	43397	40773	40296	41489	4.02	cps
Cadmium	111-1	386805	384003	382395	384401	0.58	cps
Cadmium	106-1	37877	37643	36264	37261	2.34	cps
Cadmium	108-1	26016	25740	25623	25793	0.78	cps
Calcium	43-1	16498675	16370047	16360701	16409808	0.47	cps
Calcium	44-1	263513239	263925039	261136631	262858303	0.57	cps
Chromium	52-2	4388941	4358739	4423302	4390327	0.74	cps
Cobalt	59-2	54233	54361	55009	54534	0.76	cps
Copper	63-2	941733	952200	960544	951492	0.99	cps
Dysprosium	156-1	72041	72257	71939	72079	0.23	cps
Dysprosium	156-2	40476	40680	42028	41061	2.05	cps
Erbium	164-1	56309	56443	56226	56326	0.19	cps
Erbium	164-2	29873	29970	30401	30081	0.93	cps
Gadolinium	160-1	60878	59866	59740	60161	1.04	cps
Gadolinium	160-2	36292	36953	36719	36655	0.92	cps
Holmium	165-1	2672324	2740212	2682980	2698506	1.35	cps
Holmium	165-2	1362299	1300164	1302099	1321520	2.67	cps
Indium	115-1	1968440	1966045	1968042	1967509	0.07	cps
Indium	115-2	455244	444959	437438	445881	2.00	cps
Iron	56-2	55234197	54996837	55648254	55293096	0.60	cps
Iron	57-2	1600145	1607894	1629532	1612524	0.94	cps
Krypton	83-1	293	263	267	274	5.99	cps
Lead	206-1	6895252	6957232	6920891	6924458	0.45	cps
Lead	207-1	5729007	5844139	5732829	5768658	1.13	cps
Lead	208-1	26883312	27082204	26781467	26915661	0.57	cps
Lithium	6-1	1283587	1276364	1266876	1275609	0.66	cps
Magnesium	24-2	2314949	2316213	2338715	2323292	0.58	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-11 Instrumnet Name : P7
 Client Sample ID : KY030LC051-SD-190709 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 17:05:48 DataFile Name : 061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	900935	911418	928444	913599	1.52	cps
Molybdenum	94-1	121404	121630	120984	121340	0.27	cps
Molybdenum	95-1	2884	2550	2742	2725	6.14	cps
Molybdenum	96-1	23312	24063	23879	23751	1.65	cps
Molybdenum	97-1	1775	1984	1675	1811	8.69	cps
Molybdenum	98-1	4576	4259	4342	4393	3.74	cps
Neodymium	150-1	100129	102707	100941	101259	1.30	cps
Neodymium	150-2	44418	44535	44555	44503	0.17	cps
Nickel	60-2	69725	70415	70958	70366	0.88	cps
Phosphorus	31-2	39311	40188	40564	40021	1.61	cps
Potassium	39-2	1151129	1149523	1174751	1158468	1.22	cps
Rhodium	103-1	1720333	1717348	1720568	1719416	0.10	cps
Rhodium	103-2	865291	840120	820637	842016	2.66	cps
Scandium	45-1	2396326	2387278	2387404	2390336	0.22	cps
Scandium	45-2	120680	117453	114426	117519	2.66	cps
Selenium	77-2	353	297	283	311	11.95	cps
Selenium	78-2	322	307	269	299	9.27	cps
Selenium	82-1	362	413	384	386	6.62	cps
Silicon	28-1	28258630	28022714	27909825	28063723	0.63	cps
Silver	109-1	610741	615434	608759	611645	0.56	cps
Silver	107-1	646577	639530	645377	643828	0.59	cps
Sodium	23-2	304448	307074	307192	306238	0.51	cps
Strontium	86-1	1411040	1392535	1385410	1396329	0.95	cps
Strontium	88-1	12231126	12251705	12256491	12246441	0.11	cps
Sulfur	34-1	385157	380636	381134	382309	0.65	cps
Terbium	159-1	2724228	2771700	2739921	2745283	0.88	cps
Terbium	159-2	1388094	1341661	1324044	1351267	2.45	cps
Thallium	203-1	1784	1717	1692	1731	2.74	cps
Thallium	205-1	4226	4167	4159	4184	0.87	cps
Thorium	232-1	176244	174597	175185	175342	0.48	cps
Tin	118-1	23704	23429	23562	23565	0.58	cps
Titanium	47-1	22042	21809	22643	22165	1.94	cps
Uranium	238-1	73711	71457	71181	72116	1.92	cps
Vanadium	51-2	125094	126628	128148	126623	1.21	cps
Yttrium	89-1	3787631	3778852	3770258	3778914	0.23	cps
Yttrium	89-2	582414	571769	566317	573500	1.43	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-11	Instrumnet Name :	P7
Client Sample ID :	KY030LC051-SD-190709	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 17:05:48	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	238934	241995	243609	241513	0.98	cps
Zirconium	90-1	332615	328908	324920	328815	1.17	cps
Zirconium	91-1	76119	72793	75801	74905	2.45	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-12 Instrumnet Name : P7
 Client Sample ID : KY030LC001-SD-190709 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 17:09:30 DataFile Name : 062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1425137	1444467	1436829	1435478	0.68	cps
Antimony	121-1	2292	2234	2267	2264	1.29	cps
Arsenic	75-2	3910	4004	4049	3988	1.78	cps
Barium	135-1	236299	230085	235847	234077	1.48	cps
Barium	137-1	407227	404061	406437	405908	0.41	cps
Beryllium	9-1	2924	2867	2967	2919	1.72	cps
Bismuth	209-1	1231194	1216187	1188471	1211950	1.79	cps
Bismuth	209-2	697377	707874	710803	705351	1.00	cps
Boron	10-1	10471	10954	11313	10913	3.87	cps
Boron	11-1	47534	47066	48144	47581	1.14	cps
Cadmium	111-1	6214	6233	5874	6107	3.31	cps
Cadmium	106-1	2809	2700	2584	2698	4.17	cps
Cadmium	108-1	671	708	771	717	7.05	cps
Calcium	43-1	22347467	22121246	22106684	22191799	0.61	cps
Calcium	44-1	358488616	353160450	354248375	355299147	0.79	cps
Chromium	52-2	315491	323045	324361	320966	1.49	cps
Cobalt	59-2	40158	41395	41044	40866	1.56	cps
Copper	63-2	135648	138336	137784	137256	1.03	cps
Dysprosium	156-1	77779	76246	77394	77140	1.03	cps
Dysprosium	156-2	42419	43984	43031	43144	1.83	cps
Erbium	164-1	60560	59329	58150	59346	2.03	cps
Erbium	164-2	30204	30788	31757	30916	2.54	cps
Gadolinium	160-1	65684	64411	65256	65117	0.99	cps
Gadolinium	160-2	37973	38919	39019	38637	1.49	cps
Holmium	165-1	2599435	2569022	2547954	2572137	1.01	cps
Holmium	165-2	1286778	1314754	1329248	1310260	1.65	cps
Indium	115-1	1715300	1713721	1699022	1709347	0.53	cps
Indium	115-2	399636	407528	408224	405129	1.18	cps
Iron	56-2	79282655	80439318	79532530	79751501	0.76	cps
Iron	57-2	2157181	2174505	2170544	2167410	0.42	cps
Krypton	83-1	353	300	373	342	11.08	cps
Lead	206-1	387014	379209	378255	381493	1.26	cps
Lead	207-1	316327	308025	313273	312541	1.34	cps
Lead	208-1	1478223	1438936	1456708	1457956	1.35	cps
Lithium	6-1	1258715	1248999	1232041	1246585	1.08	cps
Magnesium	24-2	1700033	1727501	1724676	1717403	0.88	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-12 Instrumnet Name : P7
 Client Sample ID : KY030LC001-SD-190709 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 17:09:30 DataFile Name : 062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1195665	1230447	1222984	1216365	1.51	cps
Molybdenum	94-1	86094	81641	81902	83212	3.00	cps
Molybdenum	95-1	4092	4051	3984	4042	1.35	cps
Molybdenum	96-1	19038	18821	18529	18796	1.36	cps
Molybdenum	97-1	2634	2525	2409	2523	4.46	cps
Molybdenum	98-1	6285	6268	6377	6310	0.92	cps
Neodymium	150-1	109708	108471	108949	109043	0.57	cps
Neodymium	150-2	45940	47237	47361	46846	1.68	cps
Nickel	60-2	29326	29657	29740	29574	0.74	cps
Phosphorus	31-2	45102	47092	46557	46250	2.23	cps
Potassium	39-2	873774	892382	886986	884381	1.08	cps
Rhodium	103-1	1665392	1659772	1645801	1656988	0.61	cps
Rhodium	103-2	827414	844110	848613	840046	1.33	cps
Scandium	45-1	2352984	2325557	2304547	2327696	1.04	cps
Scandium	45-2	119521	121389	120932	120614	0.81	cps
Selenium	77-2	290	253	300	281	8.74	cps
Selenium	78-2	267	296	278	280	5.34	cps
Selenium	82-1	357	393	309	353	11.82	cps
Silicon	28-1	33126880	33015452	32987547	33043293	0.22	cps
Silver	109-1	14783	14358	13657	14266	3.99	cps
Silver	107-1	15225	14733	15075	15011	1.68	cps
Sodium	23-2	311676	313739	320524	315313	1.47	cps
Strontium	86-1	1048874	1027329	1047258	1041154	1.15	cps
Strontium	88-1	8988280	8998227	9026973	9004493	0.22	cps
Sulfur	34-1	328824	329084	334998	330969	1.06	cps
Terbium	159-1	2648737	2629785	2605408	2627976	0.83	cps
Terbium	159-2	1313343	1351643	1346916	1337301	1.56	cps
Thallium	203-1	1058	1158	1125	1114	4.57	cps
Thallium	205-1	2909	2984	2575	2823	7.70	cps
Thorium	232-1	104139	104872	103674	104228	0.58	cps
Tin	118-1	59485	59033	59443	59320	0.42	cps
Titanium	47-1	47068	47444	47929	47480	0.91	cps
Uranium	238-1	90617	89048	87405	89023	1.80	cps
Vanadium	51-2	137264	138486	138644	138131	0.55	cps
Yttrium	89-1	3874084	3870393	3875750	3873409	0.07	cps
Yttrium	89-2	603559	609418	610546	607841	0.62	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-12	Instrumnet Name :	P7
Client Sample ID :	KY030LC001-SD-190709	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 17:09:30	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	50848	52661	52705	52072	2.03	cps
Zirconium	90-1	223920	220948	221599	222156	0.70	cps
Zirconium	91-1	51435	50306	49094	50278	2.33	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-13	Instrumnet Name :	P7
Client Sample ID :	DUP-0537-190709	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 17:13:10	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2954338	2961112	2986685	2967378	0.57	cps
Antimony	121-1	283	325	283	297	8.09	cps
Arsenic	75-2	3754	3788	3765	3769	0.45	cps
Barium	135-1	311626	310299	312402	311443	0.34	cps
Barium	137-1	540344	535720	538956	538340	0.44	cps
Beryllium	9-1	5501	5668	5454	5541	2.02	cps
Bismuth	209-1	1193114	1194022	1193641	1193592	0.04	cps
Bismuth	209-2	704844	720452	710595	711963	1.11	cps
Boron	10-1	8786	8978	8870	8878	1.08	cps
Boron	11-1	38090	37063	38316	37823	1.77	cps
Cadmium	111-1	3482	3528	3262	3424	4.15	cps
Cadmium	106-1	3092	3192	2984	3089	3.37	cps
Cadmium	108-1	600	575	675	617	8.44	cps
Calcium	43-1	16706351	16701021	16604481	16670618	0.34	cps
Calcium	44-1	266998006	267459181	270319223	268258803	0.67	cps
Chromium	52-2	180671	184339	186199	183736	1.53	cps
Cobalt	59-2	52571	53906	54093	53523	1.55	cps
Copper	63-2	48156	48075	49035	48422	1.10	cps
Dysprosium	156-1	98435	95372	95086	96298	1.93	cps
Dysprosium	156-2	52711	53922	54581	53738	1.77	cps
Erbium	164-1	72543	71680	72863	72362	0.85	cps
Erbium	164-2	38197	39190	38879	38755	1.31	cps
Gadolinium	160-1	80655	76992	80160	79269	2.51	cps
Gadolinium	160-2	46773	48666	47670	47703	1.99	cps
Holmium	165-1	2563171	2543871	2562085	2556376	0.42	cps
Holmium	165-2	1289811	1320186	1297295	1302431	1.22	cps
Indium	115-1	1706905	1688652	1702858	1699472	0.56	cps
Indium	115-2	393986	398705	400699	397797	0.87	cps
Iron	56-2	68109513	68186811	68741190	68345838	0.50	cps
Iron	57-2	1821957	1833060	1837702	1830906	0.44	cps
Krypton	83-1	357	307	343	336	7.72	cps
Lead	206-1	140349	137987	140075	139470	0.93	cps
Lead	207-1	111478	108918	110156	110184	1.16	cps
Lead	208-1	529592	515237	523747	522859	1.38	cps
Lithium	6-1	1242006	1242214	1228644	1237621	0.63	cps
Magnesium	24-2	2591382	2592266	2607988	2597212	0.36	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-13	Instrumnet Name :	P7
Client Sample ID :	DUP-0537-190709	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 17:13:10	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1251834	1278915	1272726	1267825	1.12	cps
Molybdenum	94-1	128725	127188	129181	128364	0.81	cps
Molybdenum	95-1	1533	1383	1500	1472	5.35	cps
Molybdenum	96-1	24088	24580	23954	24207	1.36	cps
Molybdenum	97-1	783	800	933	839	9.80	cps
Molybdenum	98-1	1842	2184	1900	1975	9.25	cps
Neodymium	150-1	135783	135859	133858	135167	0.84	cps
Neodymium	150-2	57085	59642	58815	58514	2.23	cps
Nickel	60-2	29653	29587	29734	29658	0.25	cps
Phosphorus	31-2	31960	32394	31968	32108	0.77	cps
Potassium	39-2	1955819	1964211	1972534	1964188	0.43	cps
Rhodium	103-1	1638007	1664619	1661600	1654742	0.88	cps
Rhodium	103-2	828245	836143	840160	834850	0.73	cps
Scandium	45-1	2364521	2386732	2366484	2372579	0.52	cps
Scandium	45-2	116812	119605	118946	118454	1.23	cps
Selenium	77-2	423	427	437	429	1.62	cps
Selenium	78-2	309	335	331	325	4.31	cps
Selenium	82-1	421	483	478	461	7.48	cps
Silicon	28-1	39427581	38962418	39295757	39228585	0.61	cps
Silver	109-1	1984	2067	1850	1967	5.56	cps
Silver	107-1	2350	2342	2325	2339	0.54	cps
Sodium	23-2	264754	267498	265586	265946	0.53	cps
Strontium	86-1	1306075	1289913	1292758	1296249	0.67	cps
Strontium	88-1	11295660	11240434	11288407	11274834	0.27	cps
Sulfur	34-1	347547	336554	343518	342540	1.62	cps
Terbium	159-1	2613947	2604668	2595648	2604754	0.35	cps
Terbium	159-2	1315085	1353198	1333896	1334059	1.43	cps
Thallium	203-1	1842	2009	1909	1920	4.37	cps
Thallium	205-1	3759	4176	4059	3998	5.38	cps
Thorium	232-1	230922	233670	230305	231633	0.77	cps
Tin	118-1	808	917	858	861	6.30	cps
Titanium	47-1	28872	28487	29330	28897	1.46	cps
Uranium	238-1	58215	56641	57044	57300	1.43	cps
Vanadium	51-2	138368	140192	138974	139178	0.67	cps
Yttrium	89-1	4014196	4011487	3997092	4007592	0.23	cps
Yttrium	89-2	621755	628422	627348	625841	0.57	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-13	Instrumnet Name :	P7
Client Sample ID :	DUP-0537-190709	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 17:13:10	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	33435	34197	33736	33789	1.14	cps
Zirconium	90-1	355219	353551	353034	353934	0.32	cps
Zirconium	91-1	81121	79236	79915	80091	1.19	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3757-01 Instrumnet Name : P7
 Client Sample ID : KY0300F002-SD-190710 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 17:16:51 DataFile Name : 064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2882344	2950267	2890729	2907780	1.27	cps
Antimony	121-1	11071	10654	11197	10974	2.59	cps
Arsenic	75-2	5392	5605	5677	5558	2.67	cps
Barium	135-1	637729	645517	640777	641341	0.61	cps
Barium	137-1	1096925	1112793	1109264	1106327	0.75	cps
Beryllium	9-1	5051	5061	4884	4999	1.99	cps
Bismuth	209-1	1247416	1261359	1264809	1257861	0.73	cps
Bismuth	209-2	726449	606613	621696	651586	10.02	cps
Boron	10-1	9703	10446	10762	10304	5.28	cps
Boron	11-1	44199	44809	45971	44993	2.00	cps
Cadmium	111-1	210165	210050	210149	210122	0.03	cps
Cadmium	106-1	22126	22001	21742	21957	0.89	cps
Cadmium	108-1	14708	14574	14412	14565	1.02	cps
Calcium	43-1	14448965	14672202	14599782	14573650	0.78	cps
Calcium	44-1	230566147	236763430	233958139	233762572	1.33	cps
Chromium	52-2	2942332	3006569	2915121	2954674	1.59	cps
Cobalt	59-2	87952	89531	87201	88228	1.35	cps
Copper	63-2	915811	940257	917270	924446	1.48	cps
Dysprosium	156-1	96959	97319	98108	97462	0.60	cps
Dysprosium	156-2	53741	55314	53959	54338	1.57	cps
Erbium	164-1	74212	73071	74998	74094	1.31	cps
Erbium	164-2	38237	39852	40280	39456	2.73	cps
Gadolinium	160-1	80202	81015	79835	80351	0.75	cps
Gadolinium	160-2	46960	48656	47332	47650	1.87	cps
Holmium	165-1	2605676	2654868	2681178	2647241	1.45	cps
Holmium	165-2	1328226	1105805	1124261	1186097	10.41	cps
Indium	115-1	1894533	1944486	1939982	1926334	1.43	cps
Indium	115-2	442894	371634	379808	398112	9.80	cps
Iron	56-2	78366713	80002666	78273180	78880853	1.23	cps
Iron	57-2	2084211	2120801	2065778	2090263	1.34	cps
Krypton	83-1	323	350	340	338	3.99	cps
Lead	206-1	8180298	8294473	8311989	8262253	0.87	cps
Lead	207-1	6856679	6987647	6920253	6921526	0.95	cps
Lead	208-1	31994240	32394800	32264788	32217942	0.63	cps
Lithium	6-1	1205302	1222605	1213846	1213917	0.71	cps
Magnesium	24-2	2326312	2361603	2306023	2331313	1.21	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3757-01 Instrumnet Name : P7
 Client Sample ID : KY0300F002-SD-190710 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 17:16:51 DataFile Name : 064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1325978	1360112	1328431	1338174	1.42	cps
Molybdenum	94-1	174847	177356	173611	175272	1.09	cps
Molybdenum	95-1	14449	15275	14675	14800	2.88	cps
Molybdenum	96-1	44303	46427	45532	45421	2.35	cps
Molybdenum	97-1	8428	8828	9003	8753	3.37	cps
Molybdenum	98-1	23670	23478	23896	23681	0.88	cps
Neodymium	150-1	134464	135340	137776	135860	1.26	cps
Neodymium	150-2	58232	59706	57463	58467	1.95	cps
Nickel	60-2	125135	127004	124674	125604	0.98	cps
Phosphorus	31-2	45245	46782	47100	46376	2.14	cps
Potassium	39-2	1486045	1539286	1503556	1509629	1.80	cps
Rhodium	103-1	1639472	1681497	1689439	1670136	1.61	cps
Rhodium	103-2	835845	696715	721289	751283	9.88	cps
Scandium	45-1	2284313	2335314	2324207	2314611	1.16	cps
Scandium	45-2	115345	99163	99417	104642	8.86	cps
Selenium	77-2	430	317	367	371	15.30	cps
Selenium	78-2	370	330	387	362	8.15	cps
Selenium	82-1	541	544	522	535	2.24	cps
Silicon	28-1	35437494	35991657	35637108	35688753	0.79	cps
Silver	109-1	487459	490323	486538	488106	0.40	cps
Silver	107-1	511915	512663	515650	513409	0.38	cps
Sodium	23-2	386441	395673	385867	389327	1.41	cps
Strontium	86-1	1306924	1323710	1301073	1310569	0.90	cps
Strontium	88-1	11336324	11496799	11373437	11402187	0.74	cps
Sulfur	34-1	1187254	1203070	1181424	1190583	0.94	cps
Terbium	159-1	2622292	2711015	2731163	2688157	2.15	cps
Terbium	159-2	1349635	1131135	1090826	1190532	11.70	cps
Thallium	203-1	2084	2292	2134	2170	5.01	cps
Thallium	205-1	4759	4843	4751	4784	1.06	cps
Thorium	232-1	204851	207735	207406	206664	0.76	cps
Tin	118-1	37184	38120	37459	37588	1.28	cps
Titanium	47-1	73818	72721	73826	73455	0.87	cps
Uranium	238-1	120460	118593	121026	120026	1.06	cps
Vanadium	51-2	155035	158612	155346	156331	1.27	cps
Yttrium	89-1	4081581	4168623	4128096	4126100	1.06	cps
Yttrium	89-2	629267	561227	568609	586368	6.37	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3757-01	Instrumnet Name :	P7
Client Sample ID :	KY030OF002-SD-190710	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 17:16:51	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	283114	288725	283198	285013	1.13	cps
Zirconium	90-1	453987	461779	451152	455639	1.21	cps
Zirconium	91-1	102399	104202	105722	104107	1.60	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3757-02 Instrumnet Name : P7
 Client Sample ID : KY030LC006-SD-190710 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 17:20:33 DataFile Name : 065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3150139	3121399	3136503	3136014	0.46	cps
Antimony	121-1	242	225	342	269	23.42	cps
Arsenic	75-2	3032	3108	3189	3110	2.53	cps
Barium	135-1	439083	431682	431172	433979	1.02	cps
Barium	137-1	752598	742857	745540	746998	0.67	cps
Beryllium	9-1	5718	5771	5961	5817	2.20	cps
Bismuth	209-1	1232049	1210062	1214959	1219023	0.95	cps
Bismuth	209-2	703111	715514	707283	708636	0.89	cps
Boron	10-1	6452	6477	6302	6410	1.48	cps
Boron	11-1	29363	29104	28436	28967	1.65	cps
Cadmium	111-1	2994	2601	2924	2840	7.39	cps
Cadmium	106-1	3301	2834	3217	3117	7.99	cps
Cadmium	108-1	529	571	558	553	3.87	cps
Calcium	43-1	19875583	19719786	19907462	19834277	0.51	cps
Calcium	44-1	320028257	317604999	318510557	318714604	0.38	cps
Chromium	52-2	138516	138301	139757	138858	0.57	cps
Cobalt	59-2	64742	64585	65774	65034	0.99	cps
Copper	63-2	48878	49527	49694	49366	0.87	cps
Dysprosium	156-1	108897	105966	106184	107016	1.53	cps
Dysprosium	156-2	58986	59137	59626	59249	0.56	cps
Erbium	164-1	81652	79994	82492	81380	1.56	cps
Erbium	164-2	43907	44145	43386	43813	0.89	cps
Gadolinium	160-1	92034	88729	88494	89752	2.21	cps
Gadolinium	160-2	53062	53079	52898	53013	0.19	cps
Holmium	165-1	2635573	2587569	2633193	2618778	1.03	cps
Holmium	165-2	1319354	1322942	1310609	1317635	0.48	cps
Indium	115-1	1745425	1740958	1756405	1747596	0.45	cps
Indium	115-2	397705	405729	405449	402961	1.13	cps
Iron	56-2	70643771	70705390	70670495	70673219	0.04	cps
Iron	57-2	1933004	1935616	1910967	1926529	0.70	cps
Krypton	83-1	343	357	323	341	4.92	cps
Lead	206-1	135765	134541	134322	134876	0.58	cps
Lead	207-1	107932	104969	107528	106810	1.50	cps
Lead	208-1	510946	506841	506586	508124	0.48	cps
Lithium	6-1	1261599	1259069	1255674	1258781	0.24	cps
Magnesium	24-2	2849176	2811641	2821136	2827317	0.69	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3757-02 Instrumnet Name : P7
 Client Sample ID : KY030LC006-SD-190710 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 17:20:33 DataFile Name : 065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1443944	1455305	1463603	1454284	0.68	cps
Molybdenum	94-1	134411	134908	132165	133828	1.09	cps
Molybdenum	95-1	1975	1617	1734	1775	10.30	cps
Molybdenum	96-1	25607	25465	25549	25540	0.28	cps
Molybdenum	97-1	1267	1050	1050	1122	11.15	cps
Molybdenum	98-1	2942	2925	2650	2839	5.77	cps
Neodymium	150-1	154808	151552	149733	152031	1.69	cps
Neodymium	150-2	65237	66506	65749	65831	0.97	cps
Nickel	60-2	35790	36218	35937	35982	0.60	cps
Phosphorus	31-2	32319	31200	32478	31999	2.18	cps
Potassium	39-2	1929813	1929856	1922698	1927456	0.21	cps
Rhodium	103-1	1690470	1693801	1683518	1689263	0.31	cps
Rhodium	103-2	827274	836214	842302	835263	0.90	cps
Scandium	45-1	2467242	2452511	2489053	2469602	0.74	cps
Scandium	45-2	123019	122689	123210	122973	0.21	cps
Selenium	77-2	397	393	460	417	9.02	cps
Selenium	78-2	339	378	398	372	8.10	cps
Selenium	82-1	430	415	478	441	7.48	cps
Silicon	28-1	40582874	40956205	40806477	40781852	0.46	cps
Silver	109-1	1150	1267	1017	1145	10.93	cps
Silver	107-1	1358	1567	1342	1422	8.82	cps
Sodium	23-2	320654	320267	319475	320132	0.19	cps
Strontium	86-1	1373109	1366708	1350671	1363496	0.85	cps
Strontium	88-1	11816417	11908280	11884919	11869872	0.40	cps
Sulfur	34-1	385008	383578	382228	383604	0.36	cps
Terbium	159-1	2709325	2686552	2673571	2689816	0.67	cps
Terbium	159-2	1341123	1347654	1359507	1349428	0.69	cps
Thallium	203-1	1717	1950	1992	1886	7.86	cps
Thallium	205-1	4651	4334	4434	4473	3.62	cps
Thorium	232-1	282587	276302	272396	277095	1.86	cps
Tin	118-1	725	692	700	706	2.46	cps
Titanium	47-1	21683	21249	21291	21408	1.12	cps
Uranium	238-1	66639	66666	65049	66118	1.40	cps
Vanadium	51-2	139216	139986	138384	139196	0.58	cps
Yttrium	89-1	4300240	4283674	4267939	4283951	0.38	cps
Yttrium	89-2	648534	657010	656608	654051	0.73	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3757-02	Instrumnet Name :	P7
Client Sample ID :	KY030LC006-SD-190710	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 17:20:33	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	30555	30676	30702	30644	0.26	cps
Zirconium	90-1	368052	369072	360022	365715	1.36	cps
Zirconium	91-1	84264	83124	81599	82996	1.61	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3757-03	Instrumnet Name :	P7
Client Sample ID :	DUP-0538-190710	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 17:24:13	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3029745	3001216	3008323	3013095	0.49	cps
Antimony	121-1	267	258	408	311	27.10	cps
Arsenic	75-2	3923	3615	3804	3781	4.10	cps
Barium	135-1	408554	404672	408772	407332	0.57	cps
Barium	137-1	705557	691851	703438	700282	1.05	cps
Beryllium	9-1	5424	5538	5491	5484	1.04	cps
Bismuth	209-1	1168013	1158124	1168379	1164839	0.50	cps
Bismuth	209-2	683072	683084	688790	684982	0.48	cps
Boron	10-1	8169	7911	7869	7983	2.04	cps
Boron	11-1	34657	34515	36127	35100	2.54	cps
Cadmium	111-1	2897	2662	2589	2716	5.92	cps
Cadmium	106-1	3151	3067	2992	3070	2.58	cps
Cadmium	108-1	596	717	633	649	9.54	cps
Calcium	43-1	19982115	19840674	19975391	19932727	0.40	cps
Calcium	44-1	321654982	318021549	321602057	320426196	0.65	cps
Chromium	52-2	141985	142016	142444	142149	0.18	cps
Cobalt	59-2	58014	58081	57700	57932	0.35	cps
Copper	63-2	44752	45758	45955	45488	1.42	cps
Dysprosium	156-1	104420	103632	105042	104364	0.68	cps
Dysprosium	156-2	58996	59602	59033	59210	0.57	cps
Erbium	164-1	79390	80028	81476	80298	1.33	cps
Erbium	164-2	42118	43091	43011	42740	1.26	cps
Gadolinium	160-1	87354	87161	87439	87318	0.16	cps
Gadolinium	160-2	51477	53163	51530	52056	1.84	cps
Holmium	165-1	2529440	2536028	2533604	2533024	0.13	cps
Holmium	165-2	1271887	1276337	1284333	1277519	0.49	cps
Indium	115-1	1680370	1672989	1691910	1681756	0.57	cps
Indium	115-2	388364	391655	392295	390771	0.54	cps
Iron	56-2	76490988	75494060	75204627	75729892	0.89	cps
Iron	57-2	2045296	2047305	2035513	2042705	0.31	cps
Krypton	83-1	353	357	363	358	1.42	cps
Lead	206-1	122616	119926	120128	120890	1.24	cps
Lead	207-1	98173	95156	95459	96262	1.73	cps
Lead	208-1	460609	451529	454817	455651	1.01	cps
Lithium	6-1	1234725	1220845	1224805	1226792	0.58	cps
Magnesium	24-2	2739771	2711487	2733953	2728404	0.55	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3757-03	Instrumnet Name :	P7
Client Sample ID :	DUP-0538-190710	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 17:24:13	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1718928	1746781	1751488	1739066	1.01	cps
Molybdenum	94-1	135158	135740	133502	134800	0.86	cps
Molybdenum	95-1	2050	1950	1867	1956	4.69	cps
Molybdenum	96-1	24539	24972	25340	24950	1.61	cps
Molybdenum	97-1	1250	1050	1000	1100	12.03	cps
Molybdenum	98-1	2642	2600	2867	2703	5.31	cps
Neodymium	150-1	150378	147126	146169	147891	1.49	cps
Neodymium	150-2	63697	64849	64282	64276	0.90	cps
Nickel	60-2	32770	33659	33188	33205	1.34	cps
Phosphorus	31-2	34166	33154	33906	33742	1.56	cps
Potassium	39-2	1920875	1894984	1892346	1902735	0.83	cps
Rhodium	103-1	1610359	1619800	1626983	1619048	0.51	cps
Rhodium	103-2	809180	807176	816207	810855	0.58	cps
Scandium	45-1	2414647	2393582	2410230	2406153	0.46	cps
Scandium	45-2	119941	119171	120471	119861	0.55	cps
Selenium	77-2	420	383	383	396	5.35	cps
Selenium	78-2	356	380	391	375	4.79	cps
Selenium	82-1	450	409	469	443	6.95	cps
Silicon	28-1	41435375	41386881	41323083	41381780	0.14	cps
Silver	109-1	883	900	817	867	5.09	cps
Silver	107-1	1258	1317	1175	1250	5.70	cps
Sodium	23-2	312126	313727	315886	313913	0.60	cps
Strontium	86-1	1350787	1325152	1335522	1337153	0.96	cps
Strontium	88-1	11679475	11630323	11648972	11652924	0.21	cps
Sulfur	34-1	350928	349070	348729	349576	0.34	cps
Terbium	159-1	2586116	2576613	2591091	2584607	0.28	cps
Terbium	159-2	1303529	1307862	1314760	1308717	0.43	cps
Thallium	203-1	1800	1659	1767	1742	4.25	cps
Thallium	205-1	3984	4109	3934	4009	2.25	cps
Thorium	232-1	255614	249662	253213	252830	1.18	cps
Tin	118-1	750	692	742	728	4.33	cps
Titanium	47-1	28357	26349	25990	26899	4.74	cps
Uranium	238-1	67099	65803	65878	66260	1.10	cps
Vanadium	51-2	158486	159060	160515	159354	0.66	cps
Yttrium	89-1	4188882	4179666	4181035	4183194	0.12	cps
Yttrium	89-2	643711	644733	651330	646592	0.64	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3757-03	Instrumnet Name :	P7
Client Sample ID :	DUP-0538-190710	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 17:24:13	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	29924	30382	30796	30367	1.44	cps
Zirconium	90-1	368314	361711	363832	364619	0.92	cps
Zirconium	91-1	82798	83401	83979	83393	0.71	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P7
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 17:32:03	DataFile Name :	067CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2090692	2077999	2074599	2081097	0.41	cps
Antimony	121-1	911984	894368	905819	904057	0.99	cps
Arsenic	75-2	43472	43112	43950	43511	0.97	cps
Barium	135-1	1229477	1214754	1209072	1217768	0.86	cps
Barium	137-1	2181479	2150204	2181609	2171097	0.83	cps
Beryllium	9-1	475782	468253	468483	470839	0.91	cps
Bismuth	209-1	1165765	1145262	1153473	1154833	0.89	cps
Bismuth	209-2	701264	697570	708846	702560	0.82	cps
Boron	10-1	79466	80053	79409	79643	0.45	cps
Boron	11-1	336003	339039	337711	337584	0.45	cps
Cadmium	111-1	265542	266375	261313	264410	1.03	cps
Cadmium	106-1	32162	32129	31469	31920	1.22	cps
Cadmium	108-1	21229	21350	21579	21386	0.83	cps
Calcium	43-1	2648409	2592317	2609760	2616829	1.10	cps
Calcium	44-1	42800290	41734046	41730532	42088289	1.47	cps
Chromium	52-2	475893	478015	480617	478175	0.49	cps
Cobalt	59-2	606607	607724	614245	609525	0.68	cps
Copper	63-2	749414	757011	756922	754449	0.58	cps
Dysprosium	156-1	25	58	25	36	53.30	cps
Dysprosium	156-2	37	43	30	37	18.18	cps
Erbium	164-1	17	0	17	11	86.60	cps
Erbium	164-2	13	10	20	14	35.26	cps
Gadolinium	160-1	25	33	17	25	33.32	cps
Gadolinium	160-2	50	67	47	54	19.68	cps
Holmium	165-1	2460304	2455764	2445292	2453787	0.31	cps
Holmium	165-2	1252741	1251165	1271315	1258407	0.89	cps
Indium	115-1	1622358	1603524	1619444	1615109	0.63	cps
Indium	115-2	375033	373533	379336	375968	0.80	cps
Iron	56-2	83845788	83044091	83574152	83488010	0.49	cps
Iron	57-2	2132229	2109816	2115329	2119125	0.55	cps
Krypton	83-1	93	90	117	100	14.53	cps
Lead	206-1	654409	644072	643574	647352	0.94	cps
Lead	207-1	567910	565435	559571	564305	0.76	cps
Lead	208-1	2616713	2597983	2578091	2597596	0.74	cps
Lithium	6-1	1145270	1117702	1122529	1128500	1.30	cps
Magnesium	24-2	22553589	22418668	22647712	22539990	0.51	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P7
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 17:32:03	DataFile Name :	067CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	559004	555146	561512	558554	0.57	cps
Molybdenum	94-1	2644138	2599807	2608629	2617525	0.90	cps
Molybdenum	95-1	3254381	3225397	3208102	3229293	0.72	cps
Molybdenum	96-1	3600727	3581350	3560667	3580915	0.56	cps
Molybdenum	97-1	2021861	1991853	1997135	2003616	0.80	cps
Molybdenum	98-1	5202894	5148125	5144485	5165168	0.63	cps
Neodymium	150-1	100	93	153	116	28.46	cps
Neodymium	150-2	23	27	10	20	44.10	cps
Nickel	60-2	150711	151604	152880	151732	0.72	cps
Phosphorus	31-2	23494	23887	23778	23720	0.85	cps
Potassium	39-2	10526289	10438006	10469045	10477780	0.43	cps
Rhodium	103-1	1621201	1603859	1605924	1610328	0.59	cps
Rhodium	103-2	801783	808146	822190	810706	1.29	cps
Scandium	45-1	2082104	2035928	2039935	2052656	1.25	cps
Scandium	45-2	102454	101401	103545	102467	1.05	cps
Selenium	77-2	1230	1267	1320	1272	3.56	cps
Selenium	78-2	4236	4393	4356	4328	1.90	cps
Selenium	82-1	24413	24049	24254	24239	0.75	cps
Silicon	28-1	1331633	1312319	1312047	1318666	0.85	cps
Silver	109-1	1134577	1114386	1116480	1121814	0.99	cps
Silver	107-1	1192869	1178972	1173659	1181834	0.84	cps
Sodium	23-2	44790105	44279527	44905912	44658515	0.75	cps
Strontium	86-1	455240	444850	443433	447841	1.44	cps
Strontium	88-1	3942396	3877073	3893930	3904466	0.87	cps
Sulfur	34-1	387192	386956	381067	385072	0.90	cps
Terbium	159-1	2496629	2488774	2522903	2502768	0.71	cps
Terbium	159-2	1268207	1274322	1303062	1281864	1.45	cps
Thallium	203-1	790346	784571	780986	785301	0.60	cps
Thallium	205-1	1946662	1938770	1935180	1940204	0.30	cps
Thorium	232-1	3342741	3317084	3340521	3333448	0.43	cps
Tin	118-1	763266	744525	753341	753711	1.24	cps
Titanium	47-1	1191151	1163447	1173993	1176197	1.19	cps
Uranium	238-1	3260395	3226171	3232967	3239844	0.56	cps
Vanadium	51-2	416995	420032	423121	420049	0.73	cps
Yttrium	89-1	2513957	2475109	2477803	2488957	0.87	cps
Yttrium	89-2	379354	386445	389161	384986	1.32	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P7
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 17:32:03	DataFile Name :	067CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	122081	120906	122808	121932	0.79	cps
Zirconium	90-1	2220261	2188617	2212069	2206982	0.74	cps
Zirconium	91-1	476049	468842	466956	470616	1.02	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : CCB21 Instrumnet Name : P7
 Client Sample ID : CCB21 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 17:38:22 DataFile Name : 068CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	67	108	81	29.86	cps
Antimony	121-1	367	308	442	372	17.96	cps
Arsenic	75-2	6	9	4	6	45.85	cps
Barium	135-1	8	0	17	8	100.02	cps
Barium	137-1	42	33	33	36	13.33	cps
Beryllium	9-1	77	100	50	76	33.11	cps
Bismuth	209-1	1341628	1345361	1348691	1345227	0.26	cps
Bismuth	209-2	770961	780612	776559	776044	0.62	cps
Boron	10-1	2375	2125	2259	2253	5.55	cps
Boron	11-1	10637	9895	9637	10056	5.17	cps
Cadmium	111-1	673	573	470	572	17.73	cps
Cadmium	106-1	917	800	658	792	16.34	cps
Cadmium	108-1	8	0	4	4	99.96	cps
Calcium	43-1	83	67	75	75	11.11	cps
Calcium	44-1	4493	4092	3809	4131	8.31	cps
Chromium	52-2	313	310	283	302	5.44	cps
Cobalt	59-2	7	7	20	11	69.25	cps
Copper	63-2	170	157	157	161	4.78	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	8	0	8	6	86.60	cps
Erbium	164-2	13	7	7	9	43.25	cps
Gadolinium	160-1	50	17	8	25	88.19	cps
Gadolinium	160-2	53	57	43	51	13.58	cps
Holmium	165-1	2514147	2524551	2512645	2517114	0.26	cps
Holmium	165-2	1242671	1262234	1278615	1261173	1.43	cps
Indium	115-1	1757520	1757931	1768007	1761153	0.34	cps
Indium	115-2	399580	398756	400713	399683	0.25	cps
Iron	56-2	2756	2628	2600	2661	3.12	cps
Iron	57-2	194	117	122	144	30.04	cps
Krypton	83-1	83	70	93	82	14.24	cps
Lead	206-1	161	139	100	133	23.20	cps
Lead	207-1	150	100	94	115	26.65	cps
Lead	208-1	528	478	383	463	15.84	cps
Lithium	6-1	1171432	1171273	1165593	1169433	0.28	cps
Magnesium	24-2	217	183	325	242	30.65	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P7
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 17:38:22	DataFile Name :	068CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	40	17	33	30	40.05	cps
Molybdenum	94-1	200	217	217	211	4.56	cps
Molybdenum	95-1	217	192	183	197	8.80	cps
Molybdenum	96-1	308	183	225	239	26.64	cps
Molybdenum	97-1	150	133	83	122	28.39	cps
Molybdenum	98-1	367	292	225	294	24.07	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	7	13	7	9	43.25	cps
Phosphorus	31-2	67	58	58	61	7.87	cps
Potassium	39-2	9720	9328	8428	9159	7.24	cps
Rhodium	103-1	1792325	1800556	1797243	1796708	0.23	cps
Rhodium	103-2	888802	891807	904745	895118	0.95	cps
Scandium	45-1	2054367	2069904	2072705	2065659	0.48	cps
Scandium	45-2	102018	103210	102672	102633	0.58	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	15	37	20	24	48.06	cps
Selenium	82-1	28	14	-4	12	130.11	cps
Silicon	28-1	86885	86751	86492	86709	0.23	cps
Silver	109-1	50	50	83	61	31.50	cps
Silver	107-1	25	17	92	44	92.49	cps
Sodium	23-2	5293	4934	5009	5079	3.72	cps
Strontium	86-1	67	192	192	150	48.11	cps
Strontium	88-1	67	58	33	53	32.88	cps
Sulfur	34-1	175412	171922	172539	173291	1.07	cps
Terbium	159-1	2561729	2559239	2564084	2561684	0.09	cps
Terbium	159-2	1278684	1283733	1284976	1282464	0.26	cps
Thallium	203-1	167	92	108	122	32.22	cps
Thallium	205-1	275	275	225	258	11.18	cps
Thorium	232-1	261	294	256	270	7.78	cps
Tin	118-1	167	258	242	222	21.97	cps
Titanium	47-1	92	117	58	89	32.92	cps
Uranium	238-1	42	42	42	42	0.00	cps
Vanadium	51-2	7	0	13	7	99.98	cps
Yttrium	89-1	2548366	2548979	2550326	2549224	0.04	cps
Yttrium	89-2	387324	388360	389181	388288	0.24	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P7
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 17:38:22	DataFile Name :	068CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	53	80	67	67	20.00	cps
Zirconium	90-1	250	250	292	264	9.12	cps
Zirconium	91-1	42	58	58	53	18.23	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3783-01 Instrumnet Name : P7
 Client Sample ID : KY030LC011-SD-190711 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 17:42:00 DataFile Name : 069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3189988	3203422	3198236	3197215	0.21	cps
Antimony	121-1	367	308	350	342	8.79	cps
Arsenic	75-2	6859	6798	7037	6898	1.80	cps
Barium	135-1	488636	486551	481997	485728	0.70	cps
Barium	137-1	845948	844373	831536	840619	0.94	cps
Beryllium	9-1	6325	6315	6371	6337	0.48	cps
Bismuth	209-1	1159001	1148855	1138675	1148844	0.88	cps
Bismuth	209-2	665056	668830	671906	668597	0.51	cps
Boron	10-1	12397	11989	12039	12141	1.84	cps
Boron	11-1	53345	53195	53278	53273	0.14	cps
Cadmium	111-1	3037	2980	2818	2945	3.86	cps
Cadmium	106-1	3726	3651	3401	3592	4.74	cps
Cadmium	108-1	667	667	613	649	4.82	cps
Calcium	43-1	19013317	18899623	18742373	18885104	0.72	cps
Calcium	44-1	306113415	303407223	302095523	303872054	0.67	cps
Chromium	52-2	205545	209837	207285	207556	1.04	cps
Cobalt	59-2	43167	44200	44551	43973	1.64	cps
Copper	63-2	38725	38046	38822	38531	1.10	cps
Dysprosium	156-1	198579	194013	196870	196487	1.17	cps
Dysprosium	156-2	109348	111398	111898	110881	1.22	cps
Erbium	164-1	148256	146537	149106	147967	0.88	cps
Erbium	164-2	79319	80268	80204	79930	0.66	cps
Gadolinium	160-1	165923	165264	164422	165203	0.46	cps
Gadolinium	160-2	97685	99693	99562	98980	1.13	cps
Holmium	165-1	2535446	2525407	2528111	2529654	0.21	cps
Holmium	165-2	1258994	1277276	1267850	1268040	0.72	cps
Indium	115-1	1635956	1620581	1620276	1625605	0.55	cps
Indium	115-2	370043	377518	378331	375297	1.22	cps
Iron	56-2	101409488	101578763	101179847	101389366	0.20	cps
Iron	57-2	2672661	2685108	2689712	2682493	0.33	cps
Krypton	83-1	540	533	527	533	1.25	cps
Lead	206-1	143409	140782	139266	141152	1.49	cps
Lead	207-1	114290	111769	112280	112780	1.18	cps
Lead	208-1	538141	529788	527613	531847	1.04	cps
Lithium	6-1	1192731	1162084	1159953	1171589	1.57	cps
Magnesium	24-2	3130084	3123039	3120581	3124568	0.16	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3783-01 Instrumnet Name : P7
 Client Sample ID : KY030LC011-SD-190711 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 17:42:00 DataFile Name : 069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1288529	1319219	1304349	1304032	1.18	cps
Molybdenum	94-1	142875	141107	139247	141076	1.29	cps
Molybdenum	95-1	4668	4609	4634	4637	0.63	cps
Molybdenum	96-1	29289	30500	30267	30019	2.14	cps
Molybdenum	97-1	2834	2875	3100	2937	4.89	cps
Molybdenum	98-1	7369	7110	7110	7197	2.07	cps
Neodymium	150-1	278471	275433	276563	276822	0.55	cps
Neodymium	150-2	117119	120256	121137	119504	1.77	cps
Nickel	60-2	28338	28294	29142	28591	1.67	cps
Phosphorus	31-2	76764	77719	77075	77186	0.63	cps
Potassium	39-2	2220103	2242830	2240195	2234376	0.56	cps
Rhodium	103-1	1560945	1548904	1552230	1554026	0.40	cps
Rhodium	103-2	764087	776332	779497	773305	1.05	cps
Scandium	45-1	2289980	2247862	2234369	2257404	1.28	cps
Scandium	45-2	111751	113638	114343	113244	1.18	cps
Selenium	77-2	783	717	793	764	5.45	cps
Selenium	78-2	648	611	630	630	2.94	cps
Selenium	82-1	617	623	544	595	7.44	cps
Silicon	28-1	34861488	34346208	34061427	34423041	1.18	cps
Silver	109-1	667	600	517	594	12.64	cps
Silver	107-1	900	875	1050	942	10.05	cps
Sodium	23-2	423311	423710	421550	422857	0.27	cps
Strontium	86-1	1438251	1409521	1408407	1418727	1.19	cps
Strontium	88-1	12597927	12435364	12351006	12461432	1.01	cps
Sulfur	34-1	324392	319833	317391	320539	1.11	cps
Terbium	159-1	2599981	2581148	2595356	2592162	0.38	cps
Terbium	159-2	1303952	1301814	1311712	1305826	0.40	cps
Thallium	203-1	1792	1725	1475	1664	10.03	cps
Thallium	205-1	4268	4101	3959	4109	3.76	cps
Thorium	232-1	300555	299249	295850	298551	0.81	cps
Tin	118-1	1100	1125	1242	1156	6.54	cps
Titanium	47-1	35627	35886	34525	35346	2.05	cps
Uranium	238-1	118938	115196	115331	116488	1.82	cps
Vanadium	51-2	174870	179180	176235	176762	1.25	cps
Yttrium	89-1	5514180	5476537	5432170	5474295	0.75	cps
Yttrium	89-2	825064	839269	830724	831686	0.86	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3783-01	Instrumnet Name :	P7
Client Sample ID :	KY030LC011-SD-190711	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 17:42:00	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	30165	30535	30930	30543	1.25	cps
Zirconium	90-1	385012	381497	378679	381729	0.83	cps
Zirconium	91-1	86125	86503	86092	86240	0.26	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3783-02 Instrumnet Name : P7
 Client Sample ID : KY030LC015-SD-190711 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 17:45:40 DataFile Name : 070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2520791	2516100	2528801	2521898	0.25	cps
Antimony	121-1	408	417	417	414	1.16	cps
Arsenic	75-2	4508	4423	4608	4513	2.05	cps
Barium	135-1	371481	362021	363533	365678	1.39	cps
Barium	137-1	634171	622708	624279	627053	0.99	cps
Beryllium	9-1	4938	5091	5044	5024	1.56	cps
Bismuth	209-1	1170787	1140847	1160019	1157218	1.31	cps
Bismuth	209-2	686684	697016	709817	697839	1.66	cps
Boron	10-1	6460	6743	6718	6641	2.36	cps
Boron	11-1	28929	28503	26808	28080	3.99	cps
Cadmium	111-1	8358	7786	8011	8052	3.58	cps
Cadmium	106-1	3384	3075	3467	3309	6.24	cps
Cadmium	108-1	904	954	983	947	4.23	cps
Calcium	43-1	17012175	16678483	16842707	16844455	0.99	cps
Calcium	44-1	272606498	267042281	269615156	269754645	1.03	cps
Chromium	52-2	168342	169997	170341	169560	0.63	cps
Cobalt	59-2	58365	59597	58767	58910	1.07	cps
Copper	63-2	70844	72057	72070	71657	0.98	cps
Dysprosium	156-1	108208	103339	104094	105213	2.49	cps
Dysprosium	156-2	59465	58664	59431	59187	0.76	cps
Erbium	164-1	79716	78856	80630	79734	1.11	cps
Erbium	164-2	42158	43309	44312	43260	2.49	cps
Gadolinium	160-1	88168	87783	88344	88098	0.33	cps
Gadolinium	160-2	52360	53962	53899	53407	1.70	cps
Holmium	165-1	2532685	2492804	2528154	2517881	0.87	cps
Holmium	165-2	1273947	1301829	1299986	1291921	1.21	cps
Indium	115-1	1655235	1650592	1651126	1652318	0.15	cps
Indium	115-2	379962	392634	391865	388154	1.83	cps
Iron	56-2	60453699	60478192	60176428	60369439	0.28	cps
Iron	57-2	1640926	1741195	1751883	1711335	3.58	cps
Krypton	83-1	343	340	343	342	0.56	cps
Lead	206-1	951853	922221	938570	937548	1.58	cps
Lead	207-1	778983	748494	767265	764914	2.01	cps
Lead	208-1	3643147	3531685	3608286	3594372	1.59	cps
Lithium	6-1	1182456	1145962	1160134	1162851	1.58	cps
Magnesium	24-2	2282404	2279614	2283273	2281764	0.08	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3783-02 Instrumnet Name : P7
 Client Sample ID : KY030LC015-SD-190711 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 17:45:40 DataFile Name : 070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	992473	1003692	1002969	999711	0.63	cps
Molybdenum	94-1	122354	118716	121521	120864	1.58	cps
Molybdenum	95-1	2342	1967	2025	2111	9.56	cps
Molybdenum	96-1	24297	22803	23754	23618	3.20	cps
Molybdenum	97-1	1517	1225	1383	1375	10.62	cps
Molybdenum	98-1	3576	3184	3184	3314	6.82	cps
Neodymium	150-1	148729	147914	147582	148075	0.40	cps
Neodymium	150-2	64272	65404	64785	64821	0.87	cps
Nickel	60-2	32860	33595	34170	33542	1.96	cps
Phosphorus	31-2	33171	32945	33797	33305	1.33	cps
Potassium	39-2	1539939	1560013	1569645	1556532	0.97	cps
Rhodium	103-1	1582666	1559497	1599638	1580600	1.27	cps
Rhodium	103-2	795172	802375	817557	805035	1.42	cps
Scandium	45-1	2246268	2207729	2215310	2223102	0.92	cps
Scandium	45-2	111895	114427	114753	113692	1.38	cps
Selenium	77-2	400	517	363	427	18.77	cps
Selenium	78-2	330	344	346	340	2.68	cps
Selenium	82-1	413	443	475	444	6.96	cps
Silicon	28-1	26487279	26048138	26231178	26255532	0.84	cps
Silver	109-1	8770	8861	8328	8653	3.30	cps
Silver	107-1	9345	9353	9570	9423	1.35	cps
Sodium	23-2	279848	285784	287735	284456	1.44	cps
Strontium	86-1	1166850	1120488	1143919	1143753	2.03	cps
Strontium	88-1	10158381	9770765	10063541	9997563	2.02	cps
Sulfur	34-1	483512	475744	478666	479308	0.82	cps
Terbium	159-1	2577043	2557868	2568107	2567673	0.37	cps
Terbium	159-2	1298266	1326396	1321725	1315462	1.15	cps
Thallium	203-1	1942	1617	1842	1800	9.25	cps
Thallium	205-1	4284	4101	4384	4256	3.38	cps
Thorium	232-1	235196	227912	233982	232363	1.68	cps
Tin	118-1	1350	1533	1258	1381	10.14	cps
Titanium	47-1	19872	20651	19731	20085	2.47	cps
Uranium	238-1	78707	76361	76752	77274	1.63	cps
Vanadium	51-2	134722	138180	137575	136825	1.35	cps
Yttrium	89-1	4084000	3946055	4036829	4022294	1.74	cps
Yttrium	89-2	619938	631014	637939	629630	1.44	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3783-02	Instrumnet Name :	P7
Client Sample ID :	KY030LC015-SD-190711	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 17:45:40	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	59384	59812	60019	59738	0.54	cps
Zirconium	90-1	335372	324747	329563	329894	1.61	cps
Zirconium	91-1	76957	72362	75951	75090	3.22	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3783-03 Instrumnet Name : P7
 Client Sample ID : KY030LC018-SD-190711 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 17:49:21 DataFile Name : 071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1366796	1385620	1372920	1375112	0.70	cps
Antimony	121-1	233	333	342	303	19.91	cps
Arsenic	75-2	3215	3299	3299	3271	1.47	cps
Barium	135-1	184620	182494	182974	183363	0.61	cps
Barium	137-1	322108	312434	317576	317373	1.52	cps
Beryllium	9-1	3120	2944	2807	2957	5.31	cps
Bismuth	209-1	1215020	1197598	1183525	1198715	1.32	cps
Bismuth	209-2	709370	714279	720007	714552	0.75	cps
Boron	10-1	9045	8753	8828	8875	1.71	cps
Boron	11-1	37982	37272	38742	37999	1.94	cps
Cadmium	111-1	2347	2104	2356	2269	6.29	cps
Cadmium	106-1	2592	2325	2509	2475	5.51	cps
Cadmium	108-1	413	450	417	426	4.82	cps
Calcium	43-1	13378495	13387706	13572695	13446298	0.81	cps
Calcium	44-1	215373630	215763871	217105022	216080841	0.42	cps
Chromium	52-2	107266	107874	107015	107385	0.41	cps
Cobalt	59-2	36910	37481	37177	37189	0.77	cps
Copper	63-2	33585	34487	33328	33800	1.80	cps
Dysprosium	156-1	108401	104227	106698	106442	1.97	cps
Dysprosium	156-2	59643	61403	60576	60541	1.46	cps
Erbium	164-1	82181	80228	81367	81259	1.21	cps
Erbium	164-2	42743	42961	43790	43165	1.28	cps
Gadolinium	160-1	89778	88854	89265	89299	0.52	cps
Gadolinium	160-2	53290	55214	54418	54307	1.78	cps
Holmium	165-1	2582063	2540754	2527631	2550150	1.11	cps
Holmium	165-2	1300710	1319970	1321019	1313900	0.87	cps
Indium	115-1	1694616	1676460	1675584	1682220	0.64	cps
Indium	115-2	389020	396615	396528	394054	1.11	cps
Iron	56-2	38894281	39002081	38577131	38824498	0.57	cps
Iron	57-2	1093467	1128162	1100341	1107323	1.66	cps
Krypton	83-1	327	320	337	328	2.56	cps
Lead	206-1	145701	140081	141652	142478	2.04	cps
Lead	207-1	113949	112330	112436	112905	0.80	cps
Lead	208-1	541638	532226	529389	534417	1.20	cps
Lithium	6-1	1170678	1147347	1148073	1155366	1.15	cps
Magnesium	24-2	1371849	1402875	1387632	1387452	1.12	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3783-03 Instrumnet Name : P7
 Client Sample ID : KY030LC018-SD-190711 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 17:49:21 DataFile Name : 071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	556830	559508	551678	556006	0.72	cps
Molybdenum	94-1	89295	87954	89999	89083	1.17	cps
Molybdenum	95-1	2375	2709	2917	2667	10.25	cps
Molybdenum	96-1	17361	17862	17386	17536	1.61	cps
Molybdenum	97-1	1725	1467	1717	1636	8.97	cps
Molybdenum	98-1	3909	4017	4351	4092	5.63	cps
Neodymium	150-1	151640	148102	149172	149638	1.21	cps
Neodymium	150-2	64651	65619	65886	65385	0.99	cps
Nickel	60-2	16303	16783	16556	16547	1.45	cps
Phosphorus	31-2	45771	47886	46708	46788	2.27	cps
Potassium	39-2	1042857	1063057	1054235	1053383	0.96	cps
Rhodium	103-1	1638695	1613668	1633967	1628777	0.82	cps
Rhodium	103-2	825339	835858	832977	831391	0.65	cps
Scandium	45-1	2175199	2161693	2162628	2166507	0.35	cps
Scandium	45-2	110549	111122	110646	110772	0.28	cps
Selenium	77-2	380	410	440	410	7.32	cps
Selenium	78-2	383	398	361	381	4.89	cps
Selenium	82-1	391	429	360	393	8.89	cps
Silicon	28-1	7843496	7866136	7943392	7884341	0.66	cps
Silver	109-1	1317	1250	1375	1314	4.76	cps
Silver	107-1	1608	1500	1675	1595	5.54	cps
Sodium	23-2	286657	293536	289876	290023	1.19	cps
Strontium	86-1	1012516	1006569	1008303	1009129	0.30	cps
Strontium	88-1	8814467	8792280	8945489	8850745	0.94	cps
Sulfur	34-1	710085	695120	695073	700092	1.24	cps
Terbium	159-1	2619839	2600787	2591208	2603945	0.56	cps
Terbium	159-2	1315007	1343152	1333074	1330411	1.07	cps
Thallium	203-1	1200	1092	1192	1161	5.19	cps
Thallium	205-1	2875	2417	2800	2698	9.12	cps
Thorium	232-1	130820	131053	130928	130934	0.09	cps
Tin	118-1	1475	1467	1475	1472	0.33	cps
Titanium	47-1	18813	18036	18220	18356	2.21	cps
Uranium	238-1	84100	82472	83496	83356	0.99	cps
Vanadium	51-2	114305	115958	116391	115551	0.95	cps
Yttrium	89-1	4203864	4173271	4222966	4200033	0.60	cps
Yttrium	89-2	644790	657516	649089	650465	1.00	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3783-03	Instrumnet Name :	P7
Client Sample ID :	KY030LC018-SD-190711	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 17:49:21	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	26511	27112	26988	26870	1.18	cps
Zirconium	90-1	241107	239771	241235	240704	0.34	cps
Zirconium	91-1	55768	54212	53643	54541	2.02	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-08DLX5 Instrumnet Name : P7
 Client Sample ID : KY030LC068-SD-190709 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 17:53:00 DataFile Name : 072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	473989	468599	473024	471871	0.61	cps
Antimony	121-1	58	117	108	94	33.40	cps
Arsenic	75-2	763	735	661	720	7.32	cps
Barium	135-1	52115	51271	50777	51388	1.32	cps
Barium	137-1	89631	88348	87995	88658	0.97	cps
Beryllium	9-1	1047	920	993	987	6.45	cps
Bismuth	209-1	1284739	1275645	1278445	1279610	0.36	cps
Bismuth	209-2	734682	748357	764977	749339	2.02	cps
Boron	10-1	2267	2425	2234	2309	4.44	cps
Boron	11-1	10412	10162	9870	10148	2.67	cps
Cadmium	111-1	1277	1271	1348	1299	3.30	cps
Cadmium	106-1	1225	1225	1358	1270	6.06	cps
Cadmium	108-1	121	100	88	103	16.39	cps
Calcium	43-1	4383520	4365368	4349424	4366104	0.39	cps
Calcium	44-1	70355874	70587106	70305004	70415995	0.21	cps
Chromium	52-2	29343	29650	29543	29512	0.53	cps
Cobalt	59-2	8759	8409	8543	8570	2.06	cps
Copper	63-2	8826	8766	8609	8734	1.28	cps
Dysprosium	156-1	16602	15376	15534	15838	4.21	cps
Dysprosium	156-2	8796	8673	9373	8947	4.18	cps
Erbium	164-1	12481	12456	12239	12392	1.07	cps
Erbium	164-2	6548	6352	6188	6363	2.83	cps
Gadolinium	160-1	13015	12648	12490	12718	2.12	cps
Gadolinium	160-2	7596	7859	7852	7769	1.93	cps
Holmium	165-1	2557740	2511434	2517365	2528846	1.00	cps
Holmium	165-2	1260397	1283472	1308561	1284143	1.88	cps
Indium	115-1	1733516	1716306	1727860	1725894	0.51	cps
Indium	115-2	387715	394306	402665	394895	1.90	cps
Iron	56-2	12463657	12304535	12394628	12387606	0.64	cps
Iron	57-2	354476	352836	352003	353105	0.36	cps
Krypton	83-1	100	57	110	89	31.89	cps
Lead	206-1	27145	26327	25820	26431	2.53	cps
Lead	207-1	21451	21140	20917	21169	1.27	cps
Lead	208-1	101447	98928	97106	99160	2.20	cps
Lithium	6-1	1165173	1156959	1148105	1156746	0.74	cps
Magnesium	24-2	447196	449006	447056	447752	0.24	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-08DLX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-SD-190709	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 17:53:00	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	234796	232903	235464	234388	0.57	cps
Molybdenum	94-1	22560	21567	21926	22018	2.28	cps
Molybdenum	95-1	358	267	250	292	20.00	cps
Molybdenum	96-1	4559	4176	4184	4306	5.09	cps
Molybdenum	97-1	175	208	142	175	19.05	cps
Molybdenum	98-1	467	483	483	478	2.01	cps
Neodymium	150-1	23180	22499	20950	22210	5.15	cps
Neodymium	150-2	9817	9547	9587	9650	1.51	cps
Nickel	60-2	5511	5144	5128	5261	4.12	cps
Phosphorus	31-2	4984	4918	5251	5051	3.49	cps
Potassium	39-2	310316	310803	312648	311256	0.40	cps
Rhodium	103-1	1723058	1714576	1715787	1717807	0.27	cps
Rhodium	103-2	837667	855250	865612	852843	1.66	cps
Scandium	45-1	2093030	2070413	2083046	2082163	0.54	cps
Scandium	45-2	101898	104573	106211	104227	2.09	cps
Selenium	77-2	60	63	30	51	35.92	cps
Selenium	78-2	76	85	85	82	6.51	cps
Selenium	82-1	112	172	84	123	36.57	cps
Silicon	28-1	8833356	8864830	8956317	8884835	0.72	cps
Silver	109-1	367	467	400	411	12.39	cps
Silver	107-1	525	517	558	533	4.13	cps
Sodium	23-2	48320	47535	49156	48337	1.68	cps
Strontium	86-1	246167	240670	237930	241589	1.74	cps
Strontium	88-1	2130826	2112134	2097798	2113586	0.78	cps
Sulfur	34-1	206334	206825	210323	207827	1.05	cps
Terbium	159-1	2604219	2585434	2561355	2583669	0.83	cps
Terbium	159-2	1273020	1312405	1327487	1304304	2.16	cps
Thallium	203-1	375	275	450	367	23.94	cps
Thallium	205-1	833	683	825	781	10.80	cps
Thorium	232-1	37293	36970	36625	36963	0.90	cps
Tin	118-1	233	300	267	267	12.50	cps
Titanium	47-1	5993	5601	5943	5846	3.65	cps
Uranium	238-1	11806	10647	10622	11025	6.14	cps
Vanadium	51-2	27616	27158	26494	27089	2.08	cps
Yttrium	89-1	2815490	2809239	2791679	2805470	0.44	cps
Yttrium	89-2	419238	428749	434000	427329	1.75	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-08DLX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-SD-190709	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 17:53:00	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	7289	7232	7189	7236	0.69	cps
Zirconium	90-1	59424	60328	60102	59951	0.78	cps
Zirconium	91-1	13841	13474	13682	13665	1.35	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-08DUPDLX5 Instrumnet Name : P7
 Client Sample ID : KY030LC068-SD-190709 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 17:56:38 DataFile Name : 073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	482546	488651	483474	484891	0.68	cps
Antimony	121-1	83	58	142	94	45.27	cps
Arsenic	75-2	672	689	682	681	1.23	cps
Barium	135-1	51605	49222	50686	50504	2.38	cps
Barium	137-1	89883	88322	86268	88157	2.06	cps
Beryllium	9-1	927	957	947	943	1.62	cps
Bismuth	209-1	1275971	1270946	1275193	1274037	0.21	cps
Bismuth	209-2	731182	739171	739448	736600	0.64	cps
Boron	10-1	2050	1959	2259	2089	7.36	cps
Boron	11-1	8745	9237	9170	9050	2.95	cps
Cadmium	111-1	1224	1258	1105	1196	6.69	cps
Cadmium	106-1	1192	1167	1200	1186	1.46	cps
Cadmium	108-1	104	96	121	107	11.90	cps
Calcium	43-1	4167820	4166790	4185462	4173357	0.25	cps
Calcium	44-1	67139881	66802187	66845964	66929344	0.27	cps
Chromium	52-2	30178	30077	29600	29952	1.03	cps
Cobalt	59-2	8683	8753	8703	8713	0.41	cps
Copper	63-2	8399	8469	8369	8413	0.61	cps
Dysprosium	156-1	15993	16335	15609	15979	2.27	cps
Dysprosium	156-2	9083	9203	9277	9188	1.06	cps
Erbium	164-1	12890	12840	11856	12529	4.65	cps
Erbium	164-2	6298	6562	6545	6468	2.28	cps
Gadolinium	160-1	13057	12890	12932	12959	0.67	cps
Gadolinium	160-2	8163	8333	7999	8165	2.04	cps
Holmium	165-1	2514808	2506785	2507369	2509654	0.18	cps
Holmium	165-2	1247807	1257487	1262357	1255884	0.59	cps
Indium	115-1	1721561	1710164	1712764	1714830	0.35	cps
Indium	115-2	382730	392088	391284	388701	1.33	cps
Iron	56-2	12471575	12467824	12308805	12416068	0.75	cps
Iron	57-2	350759	354487	352754	352667	0.53	cps
Krypton	83-1	117	153	123	131	14.90	cps
Lead	206-1	26599	26293	25698	26197	1.75	cps
Lead	207-1	21780	20600	20539	20973	3.33	cps
Lead	208-1	100576	98417	97458	98817	1.62	cps
Lithium	6-1	1167287	1156504	1156159	1159983	0.55	cps
Magnesium	24-2	451257	451864	451460	451527	0.07	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-08DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-SD-190709	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 17:56:38	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	230362	232444	230141	230982	0.55	cps
Molybdenum	94-1	22535	21233	21500	21756	3.16	cps
Molybdenum	95-1	333	242	283	286	16.04	cps
Molybdenum	96-1	4326	4292	3959	4192	4.84	cps
Molybdenum	97-1	175	150	200	175	14.28	cps
Molybdenum	98-1	450	442	392	428	7.38	cps
Neodymium	150-1	22813	22573	22125	22504	1.55	cps
Neodymium	150-2	10141	9847	9847	9945	1.70	cps
Nickel	60-2	5111	5384	5274	5257	2.62	cps
Phosphorus	31-2	5493	5426	5309	5410	1.72	cps
Potassium	39-2	316589	317846	317080	317172	0.20	cps
Rhodium	103-1	1679848	1691698	1696384	1689310	0.50	cps
Rhodium	103-2	829166	834642	835067	832958	0.40	cps
Scandium	45-1	2070407	2072336	2059969	2067571	0.32	cps
Scandium	45-2	103578	103774	102021	103124	0.93	cps
Selenium	77-2	67	73	83	74	11.26	cps
Selenium	78-2	78	67	93	79	16.46	cps
Selenium	82-1	75	40	108	74	45.16	cps
Silicon	28-1	9065607	8958642	8981816	9002022	0.63	cps
Silver	109-1	442	500	317	419	22.33	cps
Silver	107-1	617	433	417	489	22.70	cps
Sodium	23-2	46724	47342	45871	46646	1.58	cps
Strontium	86-1	242153	238059	233010	237741	1.93	cps
Strontium	88-1	2100372	2084050	2081305	2088576	0.49	cps
Sulfur	34-1	206038	206899	208319	207085	0.56	cps
Terbium	159-1	2562243	2585749	2578743	2575578	0.47	cps
Terbium	159-2	1275049	1289406	1300744	1288400	1.00	cps
Thallium	203-1	400	375	308	361	13.12	cps
Thallium	205-1	792	800	675	756	9.25	cps
Thorium	232-1	37561	37421	36937	37306	0.88	cps
Tin	118-1	142	242	300	228	35.16	cps
Titanium	47-1	6393	6177	5843	6138	4.52	cps
Uranium	238-1	11731	11898	11989	11873	1.10	cps
Vanadium	51-2	26691	27897	26477	27022	2.83	cps
Yttrium	89-1	2761862	2772028	2784912	2772934	0.42	cps
Yttrium	89-2	413664	421483	417374	417507	0.94	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-08DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-SD-190709	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 17:56:38	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	7072	6852	6748	6891	2.40	cps
Zirconium	90-1	60252	59751	58729	59577	1.30	cps
Zirconium	91-1	14399	13624	13524	13849	3.46	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-08LDLX25	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-SD-190709	Dilution Factor :	25
Date & Time Acquired ::	2019-07-19 18:00:17	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	94807	94305	94548	94553	0.27	cps
Antimony	121-1	25	33	25	28	17.31	cps
Arsenic	75-2	128	156	122	135	13.21	cps
Barium	135-1	10621	9937	10079	10212	3.53	cps
Barium	137-1	17395	17437	16369	17067	3.54	cps
Beryllium	9-1	217	207	213	212	2.40	cps
Bismuth	209-1	1333304	1317813	1320240	1323786	0.63	cps
Bismuth	209-2	768800	761845	763589	764745	0.47	cps
Boron	10-1	917	900	1033	950	7.65	cps
Boron	11-1	3984	4226	4126	4112	2.95	cps
Cadmium	111-1	845	727	693	755	10.56	cps
Cadmium	106-1	1058	950	925	978	7.25	cps
Cadmium	108-1	13	13	25	17	43.30	cps
Calcium	43-1	837605	821993	811224	823608	1.61	cps
Calcium	44-1	13833387	13662469	13671170	13722342	0.70	cps
Chromium	52-2	6078	6231	5878	6062	2.92	cps
Cobalt	59-2	1660	1663	1727	1683	2.23	cps
Copper	63-2	1807	1887	1923	1872	3.19	cps
Dysprosium	156-1	3409	3101	3059	3189	6.00	cps
Dysprosium	156-2	1833	1837	1857	1842	0.68	cps
Erbium	164-1	2484	2500	2350	2445	3.36	cps
Erbium	164-2	1233	1247	1227	1236	0.82	cps
Gadolinium	160-1	2625	2717	2575	2639	2.72	cps
Gadolinium	160-2	1753	1713	1470	1646	9.32	cps
Holmium	165-1	2518383	2532669	2502367	2517806	0.60	cps
Holmium	165-2	1257046	1268304	1257853	1261068	0.50	cps
Indium	115-1	1759071	1738899	1745378	1747783	0.59	cps
Indium	115-2	394018	391491	394294	393268	0.39	cps
Iron	56-2	2525686	2496736	2484003	2502142	0.85	cps
Iron	57-2	72640	72166	71256	72021	0.98	cps
Krypton	83-1	110	103	90	101	10.07	cps
Lead	206-1	5446	5312	5429	5396	1.35	cps
Lead	207-1	4273	3745	4095	4038	6.65	cps
Lead	208-1	20429	19067	19706	19734	3.45	cps
Lithium	6-1	1175421	1154249	1147947	1159205	1.24	cps
Magnesium	24-2	89157	90003	89004	89388	0.60	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-08LDLX25 Instrumnet Name : P7
 Client Sample ID : KY030LC068-SD-190709 Dilution Factor : 25
 Date & Time Acquired :: 2019-07-19 18:00:17 DataFile Name : 074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	46600	46517	47567	46895	1.24	cps
Molybdenum	94-1	4259	4309	4151	4240	1.91	cps
Molybdenum	95-1	100	58	75	78	26.96	cps
Molybdenum	96-1	808	850	958	872	8.88	cps
Molybdenum	97-1	50	75	58	61	20.83	cps
Molybdenum	98-1	117	125	150	131	13.29	cps
Neodymium	150-1	4614	4394	4167	4392	5.09	cps
Neodymium	150-2	1964	1890	1937	1930	1.92	cps
Nickel	60-2	1050	1193	1060	1101	7.27	cps
Phosphorus	31-2	983	1042	958	995	4.30	cps
Potassium	39-2	67738	67471	69614	68274	1.71	cps
Rhodium	103-1	1752765	1755136	1771647	1759849	0.58	cps
Rhodium	103-2	875092	870886	873885	873288	0.25	cps
Scandium	45-1	2046728	2027024	2025453	2033069	0.58	cps
Scandium	45-2	100991	99964	100783	100579	0.54	cps
Selenium	77-2	10	20	20	17	34.64	cps
Selenium	78-2	30	54	37	40	30.72	cps
Selenium	82-1	7	-2	11	5	125.12	cps
Silicon	28-1	1686421	1652778	1641316	1660172	1.41	cps
Silver	109-1	83	67	67	72	13.33	cps
Silver	107-1	133	92	117	114	18.41	cps
Sodium	23-2	12531	12364	11930	12275	2.53	cps
Strontium	86-1	45974	47597	46761	46777	1.73	cps
Strontium	88-1	413919	407088	403202	408070	1.33	cps
Sulfur	34-1	195456	187506	191742	191568	2.08	cps
Terbium	159-1	2591799	2564007	2580547	2578785	0.54	cps
Terbium	159-2	1289786	1282102	1290508	1287465	0.36	cps
Thallium	203-1	83	83	150	106	36.46	cps
Thallium	205-1	267	192	175	211	23.13	cps
Thorium	232-1	7375	7013	7163	7184	2.53	cps
Tin	118-1	142	83	117	114	25.69	cps
Titanium	47-1	1367	1275	1267	1303	4.26	cps
Uranium	238-1	2117	2075	2217	2136	3.41	cps
Vanadium	51-2	5338	5384	5088	5270	3.03	cps
Yttrium	89-1	2599911	2585711	2589232	2591618	0.29	cps
Yttrium	89-2	394494	387260	392672	391476	0.96	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-08LDLX25	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-SD-190709	Dilution Factor :	25
Date & Time Acquired ::	2019-07-19 18:00:17	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1620	1593	1650	1621	1.75	cps
Zirconium	90-1	12306	12022	10696	11675	7.36	cps
Zirconium	91-1	2567	2509	2625	2567	2.27	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-09DLX5 Instrumnet Name : P7
 Client Sample ID : KY030LC068-SD-190709 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 18:03:54 DataFile Name : 075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	961076	972754	983685	972505	1.16	cps
Antimony	121-1	6018	5952	5443	5804	5.42	cps
Arsenic	75-2	8868	8919	8964	8917	0.54	cps
Barium	135-1	289776	285915	286171	287287	0.75	cps
Barium	137-1	508418	497697	491253	499123	1.74	cps
Beryllium	9-1	88941	87728	87499	88056	0.88	cps
Bismuth	209-1	1253402	1266807	1272135	1264114	0.76	cps
Bismuth	209-2	734991	741492	743913	740132	0.62	cps
Boron	10-1	15016	15467	15909	15464	2.89	cps
Boron	11-1	65986	69108	67568	67554	2.31	cps
Cadmium	111-1	47614	46776	45527	46639	2.25	cps
Cadmium	106-1	6302	6785	6160	6416	5.11	cps
Cadmium	108-1	3792	3701	3576	3689	2.95	cps
Calcium	43-1	3601862	3571920	3589084	3587622	0.42	cps
Calcium	44-1	57300887	57468030	57626083	57465000	0.28	cps
Chromium	52-2	136542	137249	137813	137201	0.46	cps
Cobalt	59-2	124684	126284	125534	125501	0.64	cps
Copper	63-2	145037	146680	145562	145759	0.58	cps
Dysprosium	156-1	22820	22511	22077	22469	1.66	cps
Dysprosium	156-2	12633	12923	13066	12874	1.72	cps
Erbium	164-1	16828	16310	16970	16703	2.08	cps
Erbium	164-2	8913	9006	9423	9114	2.98	cps
Gadolinium	160-1	18947	18196	18880	18675	2.23	cps
Gadolinium	160-2	11158	11158	11702	11339	2.77	cps
Holmium	165-1	2506106	2515071	2533679	2518285	0.56	cps
Holmium	165-2	1260609	1283997	1291734	1278780	1.27	cps
Indium	115-1	1706737	1707863	1710998	1708533	0.13	cps
Indium	115-2	385758	392086	396342	391395	1.36	cps
Iron	56-2	20608923	20623639	20569015	20600526	0.14	cps
Iron	57-2	555221	561488	560318	559009	0.60	cps
Krypton	83-1	143	167	117	142	17.59	cps
Lead	206-1	154140	154596	152993	153910	0.54	cps
Lead	207-1	133933	131864	131319	132372	1.04	cps
Lead	208-1	609776	602636	600959	604457	0.77	cps
Lithium	6-1	1147194	1134276	1131892	1137787	0.72	cps
Magnesium	24-2	1043150	1060227	1074089	1059155	1.46	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-09DLX5 Instrumnet Name : P7
 Client Sample ID : KY030LC068-SD-190709 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 18:03:54 DataFile Name : 075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	349969	352198	353463	351876	0.50	cps
Molybdenum	94-1	371927	372600	368025	370851	0.67	cps
Molybdenum	95-1	398765	397750	386516	394343	1.72	cps
Molybdenum	96-1	446419	447907	446998	447108	0.17	cps
Molybdenum	97-1	248490	244124	239633	244082	1.81	cps
Molybdenum	98-1	630076	618050	626092	624739	0.98	cps
Neodymium	150-1	30962	31283	31363	31203	0.68	cps
Neodymium	150-2	13891	13530	13634	13685	1.36	cps
Nickel	60-2	34681	35189	34969	34946	0.73	cps
Phosphorus	31-2	9845	9553	10371	9923	4.17	cps
Potassium	39-2	892973	903554	908309	901612	0.87	cps
Rhodium	103-1	1690797	1684276	1705918	1693663	0.66	cps
Rhodium	103-2	836473	851002	842290	843255	0.87	cps
Scandium	45-1	2070500	2071640	2085394	2075844	0.40	cps
Scandium	45-2	101847	103636	103709	103064	1.02	cps
Selenium	77-2	270	263	347	293	15.79	cps
Selenium	78-2	826	896	843	855	4.30	cps
Selenium	82-1	4419	4655	4610	4561	2.75	cps
Silicon	28-1	2735341	2720900	2764041	2740094	0.80	cps
Silver	109-1	188940	182683	182563	184729	1.97	cps
Silver	107-1	193098	190585	190893	191525	0.72	cps
Sodium	23-2	898768	915145	908726	907546	0.91	cps
Strontium	86-1	330228	323439	320294	324654	1.56	cps
Strontium	88-1	2863946	2852507	2831794	2849416	0.57	cps
Sulfur	34-1	205472	205329	202404	204402	0.85	cps
Terbium	159-1	2553174	2553751	2583930	2563618	0.69	cps
Terbium	159-2	1290005	1318842	1305200	1304683	1.11	cps
Thallium	203-1	142440	142885	140408	141911	0.93	cps
Thallium	205-1	347810	342258	339814	343294	1.19	cps
Thorium	232-1	46267	45057	45179	45501	1.46	cps
Tin	118-1	35128	33708	34360	34399	2.07	cps
Titanium	47-1	57299	55815	55739	56284	1.56	cps
Uranium	238-1	616518	609476	610154	612049	0.63	cps
Vanadium	51-2	113552	117177	117036	115922	1.77	cps
Yttrium	89-1	2882385	2868089	2862401	2870958	0.36	cps
Yttrium	89-2	431653	439859	438784	436765	1.02	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-09DLX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-SD-190709	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 18:03:54	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	29036	29437	29016	29163	0.81	cps
Zirconium	90-1	401442	401973	393797	399071	1.15	cps
Zirconium	91-1	92649	90754	89572	90992	1.71	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-10DLX5 Instrumnet Name : P7
 Client Sample ID : KY030LC068-SD-190709 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 18:07:33 DataFile Name : 076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	955333	970474	964298	963368	0.79	cps
Antimony	121-1	9087	8486	8436	8670	4.17	cps
Arsenic	75-2	8780	9253	9023	9019	2.62	cps
Barium	135-1	310838	301085	300030	303984	1.96	cps
Barium	137-1	533172	523912	516606	524563	1.58	cps
Beryllium	9-1	94427	93492	91768	93229	1.45	cps
Bismuth	209-1	1278133	1278118	1256673	1270975	0.97	cps
Bismuth	209-2	739840	747827	751621	746429	0.81	cps
Boron	10-1	15483	14841	15567	15297	2.60	cps
Boron	11-1	67618	64890	66363	66290	2.06	cps
Cadmium	111-1	50601	49619	49290	49837	1.37	cps
Cadmium	106-1	6577	6702	7035	6771	3.50	cps
Cadmium	108-1	3963	3896	4026	3962	1.63	cps
Calcium	43-1	3183667	3125114	3144921	3151234	0.95	cps
Calcium	44-1	51124624	50579728	50364906	50689753	0.77	cps
Chromium	52-2	140263	143257	141350	141623	1.07	cps
Cobalt	59-2	127434	132300	130443	130059	1.89	cps
Copper	63-2	149043	152266	151845	151051	1.16	cps
Dysprosium	156-1	20625	20099	19782	20168	2.11	cps
Dysprosium	156-2	11392	11742	11602	11578	1.52	cps
Erbium	164-1	16227	15176	14792	15398	4.83	cps
Erbium	164-2	7946	8366	8306	8206	2.77	cps
Gadolinium	160-1	16703	16803	16302	16602	1.60	cps
Gadolinium	160-2	10394	10297	10614	10435	1.56	cps
Holmium	165-1	2544651	2507421	2468416	2506829	1.52	cps
Holmium	165-2	1268745	1284732	1296343	1283274	1.08	cps
Indium	115-1	1722337	1697760	1685958	1702019	1.09	cps
Indium	115-2	388023	397323	396440	393929	1.30	cps
Iron	56-2	20522735	20692864	20356832	20524144	0.82	cps
Iron	57-2	546111	558671	555043	553275	1.17	cps
Krypton	83-1	120	127	153	133	13.23	cps
Lead	206-1	160644	160366	156102	159037	1.60	cps
Lead	207-1	142106	139811	137014	139644	1.83	cps
Lead	208-1	641272	634030	620332	631878	1.68	cps
Lithium	6-1	1143451	1124191	1117438	1128360	1.20	cps
Magnesium	24-2	1045978	1059220	1042822	1049340	0.83	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-10DLX5 Instrumnet Name : P7
 Client Sample ID : KY030LC068-SD-190709 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 18:07:33 DataFile Name : 076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	345541	356823	349583	350649	1.63	cps
Molybdenum	94-1	385821	376948	376334	379701	1.40	cps
Molybdenum	95-1	427947	413417	410035	417133	2.28	cps
Molybdenum	96-1	472370	463551	463240	466387	1.11	cps
Molybdenum	97-1	264747	258971	259165	260961	1.26	cps
Molybdenum	98-1	668094	662221	653305	661207	1.13	cps
Neodymium	150-1	28958	28176	28911	28682	1.53	cps
Neodymium	150-2	12506	12966	12839	12771	1.86	cps
Nickel	60-2	35022	36024	35744	35597	1.45	cps
Phosphorus	31-2	7352	7060	7102	7171	2.20	cps
Potassium	39-2	897771	918304	899720	905265	1.25	cps
Rhodium	103-1	1694444	1679273	1680713	1684810	0.50	cps
Rhodium	103-2	843707	854655	853599	850654	0.71	cps
Scandium	45-1	2078134	2044248	2029975	2050786	1.21	cps
Scandium	45-2	102079	104636	101893	102869	1.49	cps
Selenium	77-2	307	290	347	314	9.26	cps
Selenium	78-2	954	904	994	951	4.78	cps
Selenium	82-1	4804	4654	4645	4701	1.90	cps
Silicon	28-1	5877189	5848971	5785164	5837108	0.81	cps
Silver	109-1	194975	192686	192182	193281	0.77	cps
Silver	107-1	205219	199654	201142	202005	1.43	cps
Sodium	23-2	930613	940731	930421	933922	0.63	cps
Strontium	86-1	312093	306861	305015	307990	1.19	cps
Strontium	88-1	2710791	2723261	2688693	2707582	0.65	cps
Sulfur	34-1	202026	202616	200979	201873	0.41	cps
Terbium	159-1	2590767	2572619	2530987	2564791	1.20	cps
Terbium	159-2	1298558	1303208	1315931	1305899	0.69	cps
Thallium	203-1	153466	151422	149220	151369	1.40	cps
Thallium	205-1	369080	359425	357404	361970	1.72	cps
Thorium	232-1	47198	46445	45820	46488	1.48	cps
Tin	118-1	21734	22068	22035	21946	0.84	cps
Titanium	47-1	55690	52963	52679	53777	3.09	cps
Uranium	238-1	635007	618826	611548	621794	1.93	cps
Vanadium	51-2	112499	114285	112646	113143	0.88	cps
Yttrium	89-1	2829338	2813514	2790431	2811094	0.70	cps
Yttrium	89-2	427092	435913	431262	431422	1.02	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-10DLX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-SD-190709	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 18:07:33	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	30061	30545	30749	30452	1.16	cps
Zirconium	90-1	403306	394223	393088	396873	1.41	cps
Zirconium	91-1	91424	91047	89152	90541	1.34	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-08ADLX5 Instrumnet Name : P7
 Client Sample ID : KY030LC068-SD-190709 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 18:11:12 DataFile Name : 077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	958629	969755	972884	967090	0.77	cps
Antimony	121-1	126071	123885	122658	124205	1.39	cps
Arsenic	75-2	9001	9070	9186	9086	1.03	cps
Barium	135-1	310291	301279	301640	304403	1.68	cps
Barium	137-1	535934	526772	518690	527132	1.64	cps
Beryllium	9-1	93880	92818	92127	92942	0.95	cps
Bismuth	209-1	1252196	1257560	1272096	1260618	0.82	cps
Bismuth	209-2	729727	744492	739848	738022	1.02	cps
Boron	10-1	16485	16551	15642	16226	3.12	cps
Boron	11-1	69820	71042	70357	70406	0.87	cps
Cadmium	111-1	50932	49391	49744	50022	1.61	cps
Cadmium	106-1	6794	6744	6694	6744	0.74	cps
Cadmium	108-1	4167	3946	3859	3991	3.98	cps
Calcium	43-1	3315904	3305854	3315536	3312431	0.17	cps
Calcium	44-1	53288279	53219601	53134676	53214186	0.14	cps
Chromium	52-2	139748	142286	142349	141461	1.05	cps
Cobalt	59-2	128217	132915	131015	130716	1.81	cps
Copper	63-2	149589	153342	153812	152248	1.52	cps
Dysprosium	156-1	22127	20650	21835	21537	3.63	cps
Dysprosium	156-2	11899	12042	12052	11998	0.72	cps
Erbium	164-1	16052	15626	15793	15824	1.35	cps
Erbium	164-2	8740	8399	8219	8453	3.13	cps
Gadolinium	160-1	17654	17220	16878	17250	2.25	cps
Gadolinium	160-2	10454	10381	10894	10576	2.63	cps
Holmium	165-1	2532410	2500321	2484567	2505766	0.97	cps
Holmium	165-2	1256493	1285900	1277087	1273160	1.19	cps
Indium	115-1	1708437	1689483	1706938	1701619	0.62	cps
Indium	115-2	384579	391593	393913	390028	1.25	cps
Iron	56-2	20453912	20650089	20513591	20539198	0.49	cps
Iron	57-2	545908	552236	558924	552356	1.18	cps
Krypton	83-1	130	87	117	111	19.97	cps
Lead	206-1	165815	160429	159329	161857	2.14	cps
Lead	207-1	141004	140221	139637	140287	0.49	cps
Lead	208-1	646145	634969	632341	637818	1.15	cps
Lithium	6-1	1135205	1121167	1118818	1125063	0.79	cps
Magnesium	24-2	1047717	1062380	1067938	1059345	0.99	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-08ADLX5 Instrumnet Name : P7
 Client Sample ID : KY030LC068-SD-190709 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 18:11:12 DataFile Name : 077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	348212	350894	355200	351435	1.00	cps
Molybdenum	94-1	388874	384319	383625	385606	0.74	cps
Molybdenum	95-1	425383	414431	417956	419257	1.33	cps
Molybdenum	96-1	481132	466407	471859	473133	1.57	cps
Molybdenum	97-1	260962	259321	260953	260412	0.36	cps
Molybdenum	98-1	673630	662227	666712	667523	0.86	cps
Neodymium	150-1	30094	28898	29846	29613	2.13	cps
Neodymium	150-2	12559	12773	12856	12729	1.20	cps
Nickel	60-2	34801	36599	36549	35983	2.84	cps
Phosphorus	31-2	8453	8019	8536	8336	3.33	cps
Potassium	39-2	898432	913967	911607	908002	0.92	cps
Rhodium	103-1	1673722	1675500	1693764	1680996	0.66	cps
Rhodium	103-2	838510	843826	841132	841156	0.32	cps
Scandium	45-1	2051808	2049603	2037550	2046320	0.38	cps
Scandium	45-2	100085	103307	102172	101855	1.60	cps
Selenium	77-2	270	313	340	308	11.48	cps
Selenium	78-2	959	956	956	957	0.22	cps
Selenium	82-1	4868	4599	4779	4749	2.89	cps
Silicon	28-1	4374552	4282768	4345331	4334217	1.08	cps
Silver	109-1	204041	202748	202099	202962	0.49	cps
Silver	107-1	213935	211074	211541	212183	0.72	cps
Sodium	23-2	942001	950349	949045	947132	0.47	cps
Strontium	86-1	315925	316673	316428	316342	0.12	cps
Strontium	88-1	2798618	2757955	2755877	2770817	0.87	cps
Sulfur	34-1	200786	200109	198411	199769	0.61	cps
Terbium	159-1	2575914	2550087	2558138	2561380	0.52	cps
Terbium	159-2	1271295	1293712	1300413	1288473	1.18	cps
Thallium	203-1	155240	155848	151800	154296	1.41	cps
Thallium	205-1	373042	367273	360459	366924	1.72	cps
Thorium	232-1	47197	45882	46183	46421	1.48	cps
Tin	118-1	29507	29465	28054	29009	2.85	cps
Titanium	47-1	57597	56476	56225	56766	1.29	cps
Uranium	238-1	642953	629515	644041	638836	1.27	cps
Vanadium	51-2	115575	116865	116852	116431	0.64	cps
Yttrium	89-1	2829964	2801795	2815262	2815674	0.50	cps
Yttrium	89-2	427099	428179	432172	429150	0.62	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-08ADLX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-SD-190709	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 18:11:12	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	30939	30188	31394	30840	1.97	cps
Zirconium	90-1	412661	402519	401849	405676	1.49	cps
Zirconium	91-1	93421	91500	90418	91779	1.66	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-11DLX5 Instrumnet Name : P7
 Client Sample ID : KY030LC051-SD-190709 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 18:14:51 DataFile Name : 078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	437619	447270	445656	443515	1.17	cps
Antimony	121-1	850	833	850	845	1.14	cps
Arsenic	75-2	665	648	657	657	1.27	cps
Barium	135-1	98792	93950	94874	95872	2.68	cps
Barium	137-1	168090	164196	162476	164921	1.74	cps
Beryllium	9-1	1080	940	997	1006	7.00	cps
Bismuth	209-1	1307991	1309191	1294858	1304013	0.61	cps
Bismuth	209-2	739885	749455	753891	747744	0.96	cps
Boron	10-1	2367	2217	2117	2234	5.63	cps
Boron	11-1	9804	9428	9036	9423	4.07	cps
Cadmium	111-1	79114	76836	76931	77627	1.66	cps
Cadmium	106-1	8094	7702	7786	7861	2.63	cps
Cadmium	108-1	5272	5280	5143	5232	1.47	cps
Calcium	43-1	2965669	2908170	2909225	2927688	1.12	cps
Calcium	44-1	47623627	46801728	46776088	47067148	1.02	cps
Chromium	52-2	804671	811709	811465	809282	0.49	cps
Cobalt	59-2	9917	9700	9880	9832	1.18	cps
Copper	63-2	179118	181605	181476	180733	0.77	cps
Dysprosium	156-1	13048	12773	13173	12998	1.58	cps
Dysprosium	156-2	7419	7399	7566	7461	1.22	cps
Erbium	164-1	9887	10112	10721	10240	4.21	cps
Erbium	164-2	5718	5411	5441	5523	3.06	cps
Gadolinium	160-1	11372	10963	11263	11199	1.89	cps
Gadolinium	160-2	6462	6698	6989	6716	3.93	cps
Holmium	165-1	2535097	2519482	2526881	2527153	0.31	cps
Holmium	165-2	1252572	1272196	1297263	1274010	1.76	cps
Indium	115-1	1778615	1758788	1746173	1761192	0.93	cps
Indium	115-2	391386	399311	402565	397754	1.45	cps
Iron	56-2	10174220	10202961	10217159	10198113	0.21	cps
Iron	57-2	280370	282203	285047	282540	0.83	cps
Krypton	83-1	100	167	97	121	32.60	cps
Lead	206-1	1364992	1361885	1345729	1357535	0.76	cps
Lead	207-1	1086139	1061565	1066280	1071328	1.22	cps
Lead	208-1	5221490	5226532	5191948	5213324	0.36	cps
Lithium	6-1	1151801	1125391	1114244	1130479	1.71	cps
Magnesium	24-2	415185	424009	424468	421221	1.24	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-11DLX5 Instrumnet Name : P7
 Client Sample ID : KY030LC051-SD-190709 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 18:14:51 DataFile Name : 078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	166934	166945	168003	167294	0.37	cps
Molybdenum	94-1	22527	22527	20657	21904	4.93	cps
Molybdenum	95-1	575	500	600	558	9.32	cps
Molybdenum	96-1	4509	4426	4242	4393	3.11	cps
Molybdenum	97-1	383	367	317	356	9.76	cps
Molybdenum	98-1	708	808	800	772	7.19	cps
Neodymium	150-1	19267	18840	18653	18920	1.66	cps
Neodymium	150-2	8153	8279	8166	8199	0.85	cps
Nickel	60-2	12916	13139	13503	13186	2.25	cps
Phosphorus	31-2	7260	7310	7586	7385	2.37	cps
Potassium	39-2	209195	209695	207962	208950	0.43	cps
Rhodium	103-1	1723689	1699857	1711456	1711667	0.70	cps
Rhodium	103-2	835049	845876	851147	844024	0.97	cps
Scandium	45-1	2055597	2041890	2035124	2044203	0.51	cps
Scandium	45-2	98629	100776	100760	100055	1.23	cps
Selenium	77-2	63	27	63	51	41.41	cps
Selenium	78-2	67	63	67	65	3.27	cps
Selenium	82-1	75	28	93	66	51.09	cps
Silicon	28-1	5038519	4976102	4958947	4991189	0.84	cps
Silver	109-1	125611	122199	121956	123255	1.66	cps
Silver	107-1	132229	128462	126646	129112	2.21	cps
Sodium	23-2	54600	55554	55788	55314	1.14	cps
Strontium	86-1	261156	260018	254604	258593	1.35	cps
Strontium	88-1	2287146	2283673	2273160	2281326	0.32	cps
Sulfur	34-1	212038	204019	202043	206034	2.57	cps
Terbium	159-1	2614689	2597861	2566235	2592928	0.95	cps
Terbium	159-2	1278283	1294521	1308407	1293737	1.17	cps
Thallium	203-1	458	317	258	344	29.86	cps
Thallium	205-1	975	758	925	886	12.80	cps
Thorium	232-1	33060	32926	32062	32683	1.66	cps
Tin	118-1	4984	4476	4092	4518	9.90	cps
Titanium	47-1	4184	3759	3717	3887	6.65	cps
Uranium	238-1	13725	13241	12757	13241	3.65	cps
Vanadium	51-2	21873	21880	22808	22187	2.42	cps
Yttrium	89-1	2740488	2733299	2702449	2725412	0.74	cps
Yttrium	89-2	410656	411818	415538	412671	0.62	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-11DLX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC051-SD-190709	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 18:14:51	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	50822	51407	51909	51379	1.06	cps
Zirconium	90-1	61767	60035	59583	60462	1.91	cps
Zirconium	91-1	13891	13140	13732	13588	2.91	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P7
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 18:23:40	DataFile Name :	079CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1990526	1975138	1986371	1984012	0.40	cps
Antimony	121-1	869310	855936	866057	863768	0.81	cps
Arsenic	75-2	42336	42031	42603	42323	0.68	cps
Barium	135-1	1179612	1173570	1167659	1173614	0.51	cps
Barium	137-1	2118216	2126733	2120782	2121910	0.21	cps
Beryllium	9-1	435135	433551	429948	432878	0.61	cps
Bismuth	209-1	1131244	1140819	1142614	1138226	0.54	cps
Bismuth	209-2	680842	692290	686123	686418	0.83	cps
Boron	10-1	71569	75070	74182	73607	2.47	cps
Boron	11-1	300878	313733	317415	310675	2.79	cps
Cadmium	111-1	248850	251221	250427	250166	0.48	cps
Cadmium	106-1	31185	30818	30367	30790	1.33	cps
Cadmium	108-1	20649	20306	20407	20454	0.86	cps
Calcium	43-1	2455992	2473760	2452514	2460755	0.46	cps
Calcium	44-1	39424395	39675494	39740575	39613488	0.42	cps
Chromium	52-2	454322	455890	460180	456797	0.66	cps
Cobalt	59-2	577995	582947	587400	582781	0.81	cps
Copper	63-2	722397	736788	726731	728639	1.01	cps
Dysprosium	156-1	50	42	33	42	20.00	cps
Dysprosium	156-2	23	27	17	22	22.91	cps
Erbium	164-1	17	8	0	8	100.02	cps
Erbium	164-2	10	3	3	6	69.34	cps
Gadolinium	160-1	33	25	8	22	57.29	cps
Gadolinium	160-2	57	57	50	54	7.07	cps
Holmium	165-1	2399960	2444485	2437166	2427204	0.98	cps
Holmium	165-2	1229981	1240501	1245259	1238580	0.63	cps
Indium	115-1	1567140	1586816	1581141	1578365	0.64	cps
Indium	115-2	363296	369347	371193	367945	1.12	cps
Iron	56-2	79725005	80184866	80021810	79977227	0.29	cps
Iron	57-2	2052965	2056872	2038933	2049590	0.46	cps
Krypton	83-1	70	83	67	73	12.03	cps
Lead	206-1	629142	630630	629154	629642	0.14	cps
Lead	207-1	546507	555943	549813	550754	0.87	cps
Lead	208-1	2535147	2568040	2555838	2553008	0.65	cps
Lithium	6-1	1049525	1059260	1045761	1051515	0.66	cps
Magnesium	24-2	21348912	21434575	21304889	21362792	0.31	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P7
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 18:23:40	DataFile Name :	079CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	529349	538022	539918	535763	1.05	cps
Molybdenum	94-1	2539015	2520655	2521468	2527046	0.41	cps
Molybdenum	95-1	3115104	3113107	3095585	3107932	0.35	cps
Molybdenum	96-1	3419280	3448999	3443424	3437234	0.46	cps
Molybdenum	97-1	1915212	1921359	1916096	1917556	0.17	cps
Molybdenum	98-1	4967979	4968665	4988741	4975129	0.24	cps
Neodymium	150-1	93	120	93	102	15.06	cps
Neodymium	150-2	13	17	20	17	20.01	cps
Nickel	60-2	146843	147907	148237	147662	0.49	cps
Phosphorus	31-2	21750	23002	21917	22223	3.06	cps
Potassium	39-2	9980325	9996162	9999185	9991891	0.10	cps
Rhodium	103-1	1553221	1546707	1547368	1549099	0.23	cps
Rhodium	103-2	783773	791901	795630	790434	0.77	cps
Scandium	45-1	1916037	1928228	1837531	1893932	2.60	cps
Scandium	45-2	96264	97568	97266	97033	0.70	cps
Selenium	77-2	1307	1327	1237	1290	3.66	cps
Selenium	78-2	4115	4384	4458	4319	4.17	cps
Selenium	82-1	22983	23005	23450	23146	1.14	cps
Silicon	28-1	1227021	1229659	1225090	1227257	0.19	cps
Silver	109-1	1084122	1088891	1086158	1086391	0.22	cps
Silver	107-1	1135163	1136366	1139220	1136916	0.18	cps
Sodium	23-2	42475164	42748291	42446661	42556705	0.39	cps
Strontium	86-1	405219	408895	400513	404876	1.04	cps
Strontium	88-1	3535905	3531805	3542127	3536612	0.15	cps
Sulfur	34-1	358914	354360	353716	355663	0.80	cps
Terbium	159-1	2448539	2479097	2473727	2467121	0.66	cps
Terbium	159-2	1238193	1258602	1267456	1254750	1.20	cps
Thallium	203-1	765310	768664	760171	764715	0.56	cps
Thallium	205-1	1893120	1920669	1916825	1910205	0.78	cps
Thorium	232-1	3284153	3336965	3310425	3310514	0.80	cps
Tin	118-1	723927	720877	719249	721351	0.33	cps
Titanium	47-1	1094168	1084086	1116489	1098248	1.51	cps
Uranium	238-1	3172330	3252297	3187374	3204000	1.33	cps
Vanadium	51-2	400963	399708	401905	400859	0.27	cps
Yttrium	89-1	2374255	2384315	2394854	2384474	0.43	cps
Yttrium	89-2	368461	373027	377072	372853	1.16	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P7
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 18:23:40	DataFile Name :	079CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	119044	120771	120468	120094	0.77	cps
Zirconium	90-1	2117076	2105765	2112137	2111659	0.27	cps
Zirconium	91-1	449266	444938	450071	448091	0.62	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P7
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 18:35:44	DataFile Name :	080CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	50	67	53	24.12	cps
Antimony	121-1	183	250	233	222	15.61	cps
Arsenic	75-2	0	2	4	2	100.00	cps
Barium	135-1	17	33	8	19	65.47	cps
Barium	137-1	42	58	25	42	40.00	cps
Beryllium	9-1	63	60	80	68	15.81	cps
Bismuth	209-1	1350750	1350521	1338877	1346716	0.50	cps
Bismuth	209-2	751919	757364	763025	757436	0.73	cps
Boron	10-1	925	875	992	931	6.29	cps
Boron	11-1	4392	4676	3851	4306	9.74	cps
Cadmium	111-1	537	557	508	534	4.63	cps
Cadmium	106-1	767	792	725	761	4.42	cps
Cadmium	108-1	0	8	0	3	173.21	cps
Calcium	43-1	108	92	75	92	18.18	cps
Calcium	44-1	4084	3942	3601	3876	6.41	cps
Chromium	52-2	253	217	237	236	7.79	cps
Cobalt	59-2	20	17	37	24	43.83	cps
Copper	63-2	130	163	133	142	12.91	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	0	17	0	6	173.21	cps
Erbium	164-2	3	0	7	3	100.05	cps
Gadolinium	160-1	0	17	0	6	173.21	cps
Gadolinium	160-2	27	33	37	32	15.80	cps
Holmium	165-1	2508315	2510247	2468830	2495797	0.94	cps
Holmium	165-2	1224273	1238649	1233667	1232196	0.59	cps
Indium	115-1	1754384	1756456	1744553	1751798	0.36	cps
Indium	115-2	381738	392548	390495	388260	1.48	cps
Iron	56-2	3412	3273	3423	3369	2.48	cps
Iron	57-2	172	156	122	150	16.97	cps
Krypton	83-1	97	93	93	94	2.04	cps
Lead	206-1	78	89	89	85	7.53	cps
Lead	207-1	122	72	56	83	41.64	cps
Lead	208-1	433	339	417	396	12.72	cps
Lithium	6-1	1140421	1137087	1129672	1135726	0.48	cps
Magnesium	24-2	467	492	558	506	9.37	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P7
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 18:35:44	DataFile Name :	080CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20	23	43	29	43.68	cps
Molybdenum	94-1	283	175	75	178	58.61	cps
Molybdenum	95-1	208	150	117	158	29.30	cps
Molybdenum	96-1	150	175	200	175	14.28	cps
Molybdenum	97-1	125	100	75	100	25.00	cps
Molybdenum	98-1	225	167	192	194	15.05	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	17	10	13	13	25.01	cps
Phosphorus	31-2	67	42	33	47	36.74	cps
Potassium	39-2	8620	9287	9462	9123	4.87	cps
Rhodium	103-1	1799687	1806159	1790745	1798863	0.43	cps
Rhodium	103-2	856482	872753	878767	869334	1.33	cps
Scandium	45-1	2006194	2030860	2020864	2019306	0.61	cps
Scandium	45-2	98072	98653	99602	98775	0.78	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	30	17	24	23	27.72	cps
Selenium	82-1	-5	-8	-3	-6	-44.51	cps
Silicon	28-1	72786	73790	73062	73213	0.71	cps
Silver	109-1	75	67	17	53	59.77	cps
Silver	107-1	67	67	83	72	13.33	cps
Sodium	23-2	4601	4718	4793	4704	2.05	cps
Strontium	86-1	117	83	117	106	18.23	cps
Strontium	88-1	83	175	125	128	35.92	cps
Sulfur	34-1	172605	171458	171660	171908	0.36	cps
Terbium	159-1	2550747	2562007	2571961	2561572	0.41	cps
Terbium	159-2	1238272	1253019	1262167	1251153	0.96	cps
Thallium	203-1	108	100	67	92	24.05	cps
Thallium	205-1	208	242	200	217	10.18	cps
Thorium	232-1	183	161	139	161	13.79	cps
Tin	118-1	125	125	133	128	3.76	cps
Titanium	47-1	33	50	100	61	56.78	cps
Uranium	238-1	17	83	33	44	78.07	cps
Vanadium	51-2	23	10	7	13	66.12	cps
Yttrium	89-1	2510292	2560772	2514731	2528598	1.11	cps
Yttrium	89-2	370830	380703	379064	376866	1.40	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P7
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 18:35:44	DataFile Name :	080CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	67	67	83	72	13.32	cps
Zirconium	90-1	275	217	275	256	13.18	cps
Zirconium	91-1	58	42	75	58	28.57	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-12DLX5 Instrumnet Name : P7
 Client Sample ID : KY030LC001-SD-190709 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 18:39:21 DataFile Name : 081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	260997	258906	265238	261714	1.23	cps
Antimony	121-1	400	433	592	475	21.56	cps
Arsenic	75-2	696	782	757	745	5.89	cps
Barium	135-1	46002	43109	42457	43856	4.30	cps
Barium	137-1	77634	76946	75329	76637	1.54	cps
Beryllium	9-1	620	607	583	603	3.08	cps
Bismuth	209-1	1280977	1269810	1267005	1272597	0.58	cps
Bismuth	209-2	723880	736886	730983	730583	0.89	cps
Boron	10-1	2325	2250	2217	2264	2.45	cps
Boron	11-1	9045	9520	9762	9442	3.86	cps
Cadmium	111-1	1798	1778	1790	1789	0.58	cps
Cadmium	106-1	1283	1375	1250	1303	4.97	cps
Cadmium	108-1	167	175	146	163	9.24	cps
Calcium	43-1	4048208	3974696	3977480	4000128	1.04	cps
Calcium	44-1	65221733	63979547	63819785	64340355	1.19	cps
Chromium	52-2	59064	58208	58496	58589	0.74	cps
Cobalt	59-2	7389	7792	7745	7642	2.89	cps
Copper	63-2	26775	26968	26778	26840	0.41	cps
Dysprosium	156-1	15009	14575	14650	14745	1.57	cps
Dysprosium	156-2	8289	7822	8236	8116	3.15	cps
Erbium	164-1	11097	11364	10721	11060	2.92	cps
Erbium	164-2	5978	6308	6111	6133	2.71	cps
Gadolinium	160-1	12206	11764	12248	12073	2.22	cps
Gadolinium	160-2	7669	7102	7475	7415	3.89	cps
Holmium	165-1	2517233	2478641	2516013	2503962	0.88	cps
Holmium	165-2	1248549	1264683	1266318	1259850	0.78	cps
Indium	115-1	1730635	1690670	1691406	1704237	1.34	cps
Indium	115-2	388054	387995	390598	388882	0.38	cps
Iron	56-2	15100681	15028448	14941359	15023496	0.53	cps
Iron	57-2	416110	415384	415755	415749	0.09	cps
Krypton	83-1	100	110	123	111	10.54	cps
Lead	206-1	75866	72927	74709	74501	1.99	cps
Lead	207-1	61716	61504	60757	61326	0.82	cps
Lead	208-1	290936	283701	285664	286767	1.30	cps
Lithium	6-1	1164233	1137717	1137440	1146464	1.34	cps
Magnesium	24-2	319139	315582	316108	316943	0.61	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3733-12DLX5 Instrumnet Name : P7
 Client Sample ID : KY030LC001-SD-190709 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 18:39:21 DataFile Name : 081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	225943	225605	225253	225600	0.15	cps
Molybdenum	94-1	16060	15359	15834	15751	2.27	cps
Molybdenum	95-1	767	667	808	747	9.74	cps
Molybdenum	96-1	3701	3501	3567	3589	2.84	cps
Molybdenum	97-1	467	442	383	431	9.93	cps
Molybdenum	98-1	1292	1292	1375	1320	3.65	cps
Neodymium	150-1	20810	20429	20048	20429	1.86	cps
Neodymium	150-2	8820	8780	8733	8777	0.49	cps
Nickel	60-2	5705	5501	5408	5538	2.74	cps
Phosphorus	31-2	8294	8203	8419	8305	1.31	cps
Potassium	39-2	161773	162793	162470	162345	0.32	cps
Rhodium	103-1	1709647	1681709	1687064	1692807	0.88	cps
Rhodium	103-2	837088	836098	846486	839891	0.68	cps
Scandium	45-1	2090318	2039197	2039218	2056245	1.44	cps
Scandium	45-2	102062	100487	100793	101114	0.83	cps
Selenium	77-2	33	73	50	52	38.48	cps
Selenium	78-2	65	89	76	77	15.74	cps
Selenium	82-1	98	67	64	76	24.38	cps
Silicon	28-1	6065346	5917098	5952769	5978404	1.29	cps
Silver	109-1	2817	3092	2659	2856	7.68	cps
Silver	107-1	2959	3084	3009	3017	2.09	cps
Sodium	23-2	58833	57394	57988	58071	1.24	cps
Strontium	86-1	200666	193367	194078	196037	2.05	cps
Strontium	88-1	1746451	1722342	1719751	1729515	0.85	cps
Sulfur	34-1	207452	203672	202416	204513	1.28	cps
Terbium	159-1	2586402	2544458	2547520	2559460	0.91	cps
Terbium	159-2	1267902	1285529	1280067	1277833	0.71	cps
Thallium	203-1	242	267	308	272	12.37	cps
Thallium	205-1	775	558	700	678	16.23	cps
Thorium	232-1	20049	18775	19548	19458	3.30	cps
Tin	118-1	11697	11488	11171	11452	2.31	cps
Titanium	47-1	8720	8236	8661	8539	3.09	cps
Uranium	238-1	16745	16436	17028	16737	1.77	cps
Vanadium	51-2	24711	24788	24514	24671	0.57	cps
Yttrium	89-1	2813785	2753255	2746170	2771070	1.34	cps
Yttrium	89-2	419811	419074	414963	417949	0.63	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-12DLX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC001-SD-190709	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 18:39:21	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	11895	11388	11325	11536	2.71	cps
Zirconium	90-1	41695	39956	41193	40948	2.18	cps
Zirconium	91-1	9795	9337	9078	9403	3.86	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-13DLX5	Instrumnet Name :	P7
Client Sample ID :	DUP-0537-190709DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 18:43:00	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	564173	573939	566247	568120	0.91	cps
Antimony	121-1	125	75	83	94	28.37	cps
Arsenic	75-2	719	774	711	735	4.68	cps
Barium	135-1	61914	61043	59579	60845	1.94	cps
Barium	137-1	105097	104015	102394	103835	1.31	cps
Beryllium	9-1	1170	1063	1077	1103	5.27	cps
Bismuth	209-1	1293847	1287418	1280231	1287165	0.53	cps
Bismuth	209-2	726893	742151	730276	733107	1.09	cps
Boron	10-1	2175	2234	1950	2120	7.06	cps
Boron	11-1	8444	8019	8611	8358	3.65	cps
Cadmium	111-1	1098	1331	1123	1184	10.77	cps
Cadmium	106-1	1158	1442	1392	1331	11.37	cps
Cadmium	108-1	138	113	150	133	14.32	cps
Calcium	43-1	3069776	3060040	3069765	3066527	0.18	cps
Calcium	44-1	49050851	49287697	49359628	49232725	0.33	cps
Chromium	52-2	33802	34738	33956	34165	1.47	cps
Cobalt	59-2	10237	10360	10681	10426	2.20	cps
Copper	63-2	9937	9907	9863	9902	0.37	cps
Dysprosium	156-1	19039	18088	18338	18488	2.67	cps
Dysprosium	156-2	10551	10494	10484	10510	0.34	cps
Erbium	164-1	14016	14250	13833	14033	1.49	cps
Erbium	164-2	7449	7516	7739	7568	2.01	cps
Gadolinium	160-1	15977	15618	15693	15762	1.20	cps
Gadolinium	160-2	9503	9437	9453	9465	0.37	cps
Holmium	165-1	2520160	2522058	2553336	2531851	0.74	cps
Holmium	165-2	1235314	1278266	1252436	1255339	1.72	cps
Indium	115-1	1716872	1728004	1718078	1720985	0.35	cps
Indium	115-2	382525	390414	384235	385725	1.08	cps
Iron	56-2	13108637	13329648	12887930	13108738	1.68	cps
Iron	57-2	356815	363340	360151	360102	0.91	cps
Krypton	83-1	107	143	90	113	24.08	cps
Lead	206-1	28114	28670	27340	28041	2.38	cps
Lead	207-1	23098	22197	22208	22501	2.30	cps
Lead	208-1	106735	106172	104725	105877	0.98	cps
Lithium	6-1	1151574	1153131	1139491	1148065	0.65	cps
Magnesium	24-2	486236	501643	489567	492482	1.65	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-13DLX5	Instrumnet Name :	P7
Client Sample ID :	DUP-0537-190709DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 18:43:00	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	239773	247013	238919	241901	1.84	cps
Molybdenum	94-1	24714	24271	24898	24628	1.31	cps
Molybdenum	95-1	300	333	267	300	11.11	cps
Molybdenum	96-1	4476	4443	4209	4376	3.32	cps
Molybdenum	97-1	167	183	192	181	7.05	cps
Molybdenum	98-1	417	408	458	428	6.26	cps
Neodymium	150-1	26974	25978	26279	26410	1.93	cps
Neodymium	150-2	11055	11325	11525	11301	2.09	cps
Nickel	60-2	5668	6011	5885	5855	2.97	cps
Phosphorus	31-2	6335	6568	6177	6360	3.10	cps
Potassium	39-2	367806	374174	369931	370637	0.87	cps
Rhodium	103-1	1696449	1708925	1702764	1702713	0.37	cps
Rhodium	103-2	826455	846032	838272	836920	1.18	cps
Scandium	45-1	2051633	2063492	2031988	2049037	0.78	cps
Scandium	45-2	99927	102793	100179	100967	1.57	cps
Selenium	77-2	70	73	77	73	4.55	cps
Selenium	78-2	76	80	78	78	2.38	cps
Selenium	82-1	135	81	135	117	26.45	cps
Silicon	28-1	7137801	7182914	7208799	7176505	0.50	cps
Silver	109-1	475	383	517	458	14.88	cps
Silver	107-1	442	542	475	486	10.47	cps
Sodium	23-2	52284	53044	51707	52345	1.28	cps
Strontium	86-1	254280	248903	246797	249993	1.54	cps
Strontium	88-1	2216108	2183011	2192290	2197136	0.78	cps
Sulfur	34-1	203867	201165	201586	202206	0.72	cps
Terbium	159-1	2588966	2584775	2598648	2590796	0.27	cps
Terbium	159-2	1262780	1297514	1289695	1283330	1.42	cps
Thallium	203-1	358	392	392	381	5.06	cps
Thallium	205-1	1083	967	950	1000	7.27	cps
Thorium	232-1	45798	45146	44616	45187	1.31	cps
Tin	118-1	192	183	233	203	13.21	cps
Titanium	47-1	5426	5159	5251	5279	2.57	cps
Uranium	238-1	11589	11072	11172	11278	2.43	cps
Vanadium	51-2	25128	25499	24871	25166	1.25	cps
Yttrium	89-1	2804640	2803962	2794451	2801017	0.20	cps
Yttrium	89-2	417143	426152	424391	422562	1.13	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3733-13DLX5	Instrumnet Name :	P7
Client Sample ID :	DUP-0537-190709DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 18:43:00	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	7332	7592	7412	7445	1.79	cps
Zirconium	90-1	67827	65843	65534	66401	1.87	cps
Zirconium	91-1	15167	15300	15050	15173	0.83	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3757-01DLX5 Instrumnet Name : P7
 Client Sample ID : KY030OF002-SD-190710 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 18:46:37 DataFile Name : 083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	539871	549126	550322	546440	1.05	cps
Antimony	121-1	2400	1800	2334	2178	15.10	cps
Arsenic	75-2	1063	1019	1059	1047	2.36	cps
Barium	135-1	121411	118595	118822	119610	1.31	cps
Barium	137-1	208909	204952	204104	205989	1.25	cps
Beryllium	9-1	900	1030	960	963	6.75	cps
Bismuth	209-1	1290839	1302312	1298826	1297325	0.45	cps
Bismuth	209-2	734202	747795	758214	746737	1.61	cps
Boron	10-1	1867	2225	1967	2020	9.16	cps
Boron	11-1	9445	9637	9145	9409	2.64	cps
Cadmium	111-1	43508	42618	42830	42985	1.08	cps
Cadmium	106-1	5326	5001	5168	5165	3.15	cps
Cadmium	108-1	2813	2996	2925	2911	3.18	cps
Calcium	43-1	2605649	2587994	2559300	2584315	0.91	cps
Calcium	44-1	41508071	41432369	41437986	41459475	0.10	cps
Chromium	52-2	549930	558143	566822	558298	1.51	cps
Cobalt	59-2	16650	16283	16409	16447	1.13	cps
Copper	63-2	179525	180228	181945	180566	0.69	cps
Dysprosium	156-1	18188	17812	18104	18035	1.09	cps
Dysprosium	156-2	9974	9807	10157	9979	1.76	cps
Erbium	164-1	13524	13657	13674	13618	0.60	cps
Erbium	164-2	7142	7352	7282	7259	1.47	cps
Gadolinium	160-1	15034	15326	14366	14909	3.30	cps
Gadolinium	160-2	8960	9130	9357	9149	2.18	cps
Holmium	165-1	2529247	2536090	2572360	2545899	0.91	cps
Holmium	165-2	1247448	1277039	1288977	1271155	1.68	cps
Indium	115-1	1743696	1749482	1745877	1746352	0.17	cps
Indium	115-2	388870	400350	404734	397985	2.06	cps
Iron	56-2	14823869	14855032	14827686	14835529	0.11	cps
Iron	57-2	397257	402457	403281	400999	0.81	cps
Krypton	83-1	130	140	93	121	20.28	cps
Lead	206-1	1631862	1615327	1639924	1629038	0.77	cps
Lead	207-1	1350575	1352445	1362604	1355208	0.48	cps
Lead	208-1	6321891	6309522	6352739	6328051	0.35	cps
Lithium	6-1	1136413	1122524	1110932	1123290	1.14	cps
Magnesium	24-2	428730	431469	433922	431374	0.60	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3757-01DLX5 Instrumnet Name : P7
 Client Sample ID : KY0300F002-SD-190710 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 18:46:37 DataFile Name : 083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	250927	254510	255795	253744	0.99	cps
Molybdenum	94-1	32680	31318	31235	31744	2.55	cps
Molybdenum	95-1	2450	2400	2492	2448	1.88	cps
Molybdenum	96-1	8511	8061	7761	8111	4.66	cps
Molybdenum	97-1	1675	1725	1817	1739	4.13	cps
Molybdenum	98-1	4501	3959	4142	4201	6.56	cps
Neodymium	150-1	25197	24663	25411	25090	1.54	cps
Neodymium	150-2	11031	10908	11015	10985	0.61	cps
Nickel	60-2	23603	24357	23926	23962	1.58	cps
Phosphorus	31-2	8036	8686	8194	8305	4.08	cps
Potassium	39-2	278472	280470	285013	281318	1.19	cps
Rhodium	103-1	1692664	1695715	1708307	1698896	0.49	cps
Rhodium	103-2	837269	847806	855509	846862	1.08	cps
Scandium	45-1	2007795	2015054	1996420	2006423	0.47	cps
Scandium	45-2	97984	99451	101152	99529	1.59	cps
Selenium	77-2	50	67	67	61	15.75	cps
Selenium	78-2	93	94	81	90	7.84	cps
Selenium	82-1	98	96	118	104	11.54	cps
Silicon	28-1	6394215	6362763	6300604	6352527	0.75	cps
Silver	109-1	97309	96603	95220	96377	1.10	cps
Silver	107-1	103014	99817	101202	101344	1.58	cps
Sodium	23-2	72166	71939	72098	72068	0.16	cps
Strontium	86-1	242573	240184	239345	240701	0.70	cps
Strontium	88-1	2083684	2110451	2109866	2101334	0.73	cps
Sulfur	34-1	359367	353131	348794	353764	1.50	cps
Terbium	159-1	2586751	2602428	2581581	2590253	0.42	cps
Terbium	159-2	1260513	1300367	1312451	1291110	2.11	cps
Thallium	203-1	458	408	458	442	6.54	cps
Thallium	205-1	833	942	1033	936	10.70	cps
Thorium	232-1	39695	36318	37137	37716	4.67	cps
Tin	118-1	6927	7085	6760	6924	2.35	cps
Titanium	47-1	13215	13657	12981	13284	2.58	cps
Uranium	238-1	22504	22178	21727	22136	1.76	cps
Vanadium	51-2	27262	28681	28384	28109	2.66	cps
Yttrium	89-1	2780879	2767807	2771635	2773441	0.24	cps
Yttrium	89-2	418414	420883	426743	422014	1.01	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3757-01DLX5	Instrumnet Name :	P7
Client Sample ID :	KY030OF002-SD-190710	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 18:46:37	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	60903	61877	62620	61800	1.39	cps
Zirconium	90-1	82026	79646	81264	80979	1.50	cps
Zirconium	91-1	19397	19272	18913	19194	1.31	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3757-02DLX5 Instrumnet Name : P7
 Client Sample ID : KY030LC006-SD-190710 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 18:50:14 DataFile Name : 084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	590903	600945	591920	594589	0.93	cps
Antimony	121-1	75	100	67	81	21.54	cps
Arsenic	75-2	532	596	611	580	7.31	cps
Barium	135-1	85294	82446	81773	83171	2.25	cps
Barium	137-1	143108	140892	140481	141494	1.00	cps
Beryllium	9-1	1210	1130	1160	1167	3.46	cps
Bismuth	209-1	1288814	1290152	1293601	1290856	0.19	cps
Bismuth	209-2	728014	748935	739531	738827	1.42	cps
Boron	10-1	1558	1542	1358	1486	7.47	cps
Boron	11-1	6785	6552	6385	6574	3.06	cps
Cadmium	111-1	923	1194	1128	1082	13.07	cps
Cadmium	106-1	1125	1408	1408	1314	12.45	cps
Cadmium	108-1	104	83	113	100	15.02	cps
Calcium	43-1	3516922	3554534	3548596	3540017	0.57	cps
Calcium	44-1	57182187	57017683	56628680	56942850	0.50	cps
Chromium	52-2	25993	25278	26070	25780	1.69	cps
Cobalt	59-2	12305	12672	12692	12557	1.74	cps
Copper	63-2	9867	10080	9773	9907	1.59	cps
Dysprosium	156-1	21150	20441	20257	20616	2.29	cps
Dysprosium	156-2	11368	11655	11308	11444	1.62	cps
Erbium	164-1	15985	15201	15835	15674	2.66	cps
Erbium	164-2	8419	8516	8393	8443	0.77	cps
Gadolinium	160-1	17403	17312	16411	17042	3.22	cps
Gadolinium	160-2	10524	10614	10644	10594	0.59	cps
Holmium	165-1	2526683	2524040	2528426	2526383	0.09	cps
Holmium	165-2	1257307	1291966	1266650	1271974	1.41	cps
Indium	115-1	1724250	1719616	1724173	1722679	0.15	cps
Indium	115-2	388084	390382	389104	389190	0.30	cps
Iron	56-2	13451005	13598192	13351000	13466732	0.92	cps
Iron	57-2	372369	381370	375638	376459	1.21	cps
Krypton	83-1	140	160	110	137	18.41	cps
Lead	206-1	27573	26911	26249	26911	2.46	cps
Lead	207-1	21629	21090	21685	21468	1.53	cps
Lead	208-1	102673	100022	99936	100877	1.54	cps
Lithium	6-1	1150038	1133891	1134174	1139368	0.81	cps
Magnesium	24-2	524100	535567	528104	529257	1.10	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3757-02DLX5 Instrumnet Name : P7
 Client Sample ID : KY030LC006-SD-190710 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 18:50:14 DataFile Name : 084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	277741	277528	277119	277463	0.11	cps
Molybdenum	94-1	25841	23971	24388	24733	3.97	cps
Molybdenum	95-1	367	325	383	358	8.38	cps
Molybdenum	96-1	4634	4659	5084	4793	5.28	cps
Molybdenum	97-1	175	200	208	194	8.92	cps
Molybdenum	98-1	617	658	500	592	13.87	cps
Neodymium	150-1	29098	29446	28851	29132	1.03	cps
Neodymium	150-2	12783	12723	12966	12824	0.99	cps
Nickel	60-2	7048	7055	7352	7152	2.42	cps
Phosphorus	31-2	6001	6210	6335	6182	2.73	cps
Potassium	39-2	358720	362722	356415	359286	0.89	cps
Rhodium	103-1	1705619	1696148	1691407	1697724	0.43	cps
Rhodium	103-2	833659	846371	841783	840605	0.77	cps
Scandium	45-1	2047307	2044129	2036008	2042481	0.29	cps
Scandium	45-2	102276	102679	101984	102313	0.34	cps
Selenium	77-2	97	77	90	88	11.60	cps
Selenium	78-2	72	94	81	83	13.50	cps
Selenium	82-1	38	44	84	55	45.46	cps
Silicon	28-1	7215766	7215369	7242261	7224466	0.21	cps
Silver	109-1	275	233	250	253	8.30	cps
Silver	107-1	233	342	233	269	23.21	cps
Sodium	23-2	59736	61536	60213	60495	1.54	cps
Strontium	86-1	259666	257599	252347	256538	1.47	cps
Strontium	88-1	2262154	2249416	2255594	2255722	0.28	cps
Sulfur	34-1	207525	208464	207398	207796	0.28	cps
Terbium	159-1	2612896	2592840	2578610	2594782	0.66	cps
Terbium	159-2	1280438	1301139	1293492	1291690	0.81	cps
Thallium	203-1	358	300	458	372	21.51	cps
Thallium	205-1	892	900	1042	945	8.93	cps
Thorium	232-1	53472	50801	52155	52143	2.56	cps
Tin	118-1	250	283	217	250	13.33	cps
Titanium	47-1	3776	4151	3784	3903	5.49	cps
Uranium	238-1	12582	12707	12482	12590	0.90	cps
Vanadium	51-2	24724	25088	25011	24941	0.77	cps
Yttrium	89-1	2845229	2822074	2830867	2832723	0.41	cps
Yttrium	89-2	424045	432784	427643	428157	1.03	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3757-02DLX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC006-SD-190710	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 18:50:14	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	6898	7042	7018	6986	1.10	cps
Zirconium	90-1	68079	66555	65751	66795	1.77	cps
Zirconium	91-1	15801	15025	14675	15167	3.80	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3757-03DLX5	Instrumnet Name :	P7
Client Sample ID :	DUP-0538-190710DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 18:53:53	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	574157	584384	581649	580063	0.91	cps
Antimony	121-1	75	50	83	69	24.98	cps
Arsenic	75-2	735	735	752	741	1.30	cps
Barium	135-1	80231	79695	79293	79740	0.59	cps
Barium	137-1	139472	138695	137686	138618	0.65	cps
Beryllium	9-1	1100	1100	1160	1120	3.09	cps
Bismuth	209-1	1286255	1281977	1287809	1285347	0.23	cps
Bismuth	209-2	734514	736888	741946	737783	0.51	cps
Boron	10-1	1750	1592	1850	1731	7.53	cps
Boron	11-1	7561	7811	7761	7711	1.72	cps
Cadmium	111-1	1091	1060	1077	1076	1.42	cps
Cadmium	106-1	1325	1275	1308	1303	1.95	cps
Cadmium	108-1	113	100	133	115	14.61	cps
Calcium	43-1	3641764	3625730	3640928	3636141	0.25	cps
Calcium	44-1	58281470	58210435	58439276	58310394	0.20	cps
Chromium	52-2	26708	27175	26895	26926	0.87	cps
Cobalt	59-2	11455	11525	11238	11406	1.31	cps
Copper	63-2	9286	9413	9250	9316	0.92	cps
Dysprosium	156-1	20382	20357	19598	20113	2.22	cps
Dysprosium	156-2	11201	11265	11522	11329	1.50	cps
Erbium	164-1	15434	15726	15284	15482	1.45	cps
Erbium	164-2	8293	8426	8630	8449	2.01	cps
Gadolinium	160-1	16444	17020	17128	16864	2.18	cps
Gadolinium	160-2	10030	10744	10484	10420	3.47	cps
Holmium	165-1	2563041	2538890	2562904	2554945	0.54	cps
Holmium	165-2	1252199	1276495	1281140	1269945	1.22	cps
Indium	115-1	1727675	1708107	1723487	1719756	0.60	cps
Indium	115-2	385205	392122	392275	389867	1.04	cps
Iron	56-2	14674183	14807318	14662162	14714554	0.55	cps
Iron	57-2	397654	408108	405847	403870	1.36	cps
Krypton	83-1	130	120	133	128	5.43	cps
Lead	206-1	25202	25102	24601	24968	1.29	cps
Lead	207-1	19693	19671	19888	19750	0.60	cps
Lead	208-1	94544	92821	92895	93420	1.04	cps
Lithium	6-1	1154128	1146783	1142942	1147951	0.50	cps
Magnesium	24-2	513910	525397	520969	520092	1.11	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3757-03DLX5	Instrumnet Name :	P7
Client Sample ID :	DUP-0538-190710DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 18:53:53	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	335053	343912	341485	340150	1.35	cps
Molybdenum	94-1	26526	25424	25632	25860	2.26	cps
Molybdenum	95-1	375	225	350	317	25.38	cps
Molybdenum	96-1	4709	4968	4826	4834	2.68	cps
Molybdenum	97-1	292	300	158	250	31.80	cps
Molybdenum	98-1	550	558	600	569	4.70	cps
Neodymium	150-1	28918	28804	29586	29103	1.45	cps
Neodymium	150-2	12693	12876	12796	12788	0.72	cps
Nickel	60-2	6528	6642	6622	6597	0.92	cps
Phosphorus	31-2	6302	6527	6760	6529	3.51	cps
Potassium	39-2	354113	363711	358736	358853	1.34	cps
Rhodium	103-1	1694567	1698246	1713402	1702072	0.59	cps
Rhodium	103-2	833742	848934	847839	843505	1.00	cps
Scandium	45-1	2060525	2058419	2054973	2057972	0.14	cps
Scandium	45-2	102122	101642	101679	101815	0.26	cps
Selenium	77-2	90	73	77	80	11.02	cps
Selenium	78-2	111	76	89	92	19.34	cps
Selenium	82-1	76	84	72	77	7.92	cps
Silicon	28-1	7457686	7414568	7483929	7452061	0.47	cps
Silver	109-1	200	200	233	211	9.12	cps
Silver	107-1	275	283	308	289	6.00	cps
Sodium	23-2	59619	60790	59352	59920	1.28	cps
Strontium	86-1	257384	256443	255589	256472	0.35	cps
Strontium	88-1	2268392	2241636	2248368	2252799	0.62	cps
Sulfur	34-1	202632	200749	202734	202038	0.55	cps
Terbium	159-1	2605355	2615449	2620157	2613654	0.29	cps
Terbium	159-2	1272140	1286275	1300853	1286423	1.12	cps
Thallium	203-1	383	433	325	381	14.25	cps
Thallium	205-1	792	917	1017	908	12.41	cps
Thorium	232-1	51007	50505	49305	50272	1.74	cps
Tin	118-1	183	300	208	231	26.64	cps
Titanium	47-1	4909	4826	4643	4793	2.85	cps
Uranium	238-1	13516	12949	13650	13371	2.78	cps
Vanadium	51-2	29132	29623	28925	29227	1.23	cps
Yttrium	89-1	2838000	2818886	2838152	2831679	0.39	cps
Yttrium	89-2	425172	433429	430253	429618	0.97	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3757-03DLX5	Instrumnet Name :	P7
Client Sample ID :	DUP-0538-190710DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 18:53:53	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	6908	6962	6955	6942	0.42	cps
Zirconium	90-1	69821	69419	68590	69277	0.91	cps
Zirconium	91-1	15959	15576	15876	15804	1.28	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3783-01DLX5 Instrumnet Name : P7
 Client Sample ID : KY030LC011-SD-190711 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 18:57:32 DataFile Name : 086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	654595	659090	653414	655699	0.46	cps
Antimony	121-1	17	83	42	47	71.32	cps
Arsenic	75-2	1413	1482	1485	1460	2.79	cps
Barium	135-1	100210	97558	95805	97857	2.27	cps
Barium	137-1	173438	172706	169019	171721	1.38	cps
Beryllium	9-1	1447	1223	1350	1340	8.36	cps
Bismuth	209-1	1284201	1283514	1282935	1283550	0.05	cps
Bismuth	209-2	723817	732951	740506	732425	1.14	cps
Boron	10-1	2267	2717	2367	2450	9.65	cps
Boron	11-1	11155	11246	11513	11305	1.65	cps
Cadmium	111-1	1050	1166	943	1053	10.59	cps
Cadmium	106-1	1308	1558	1208	1358	13.27	cps
Cadmium	108-1	100	154	158	138	23.67	cps
Calcium	43-1	3680776	3691966	3685047	3685930	0.15	cps
Calcium	44-1	58889085	59655595	59095005	59213228	0.67	cps
Chromium	52-2	42364	42541	42361	42422	0.24	cps
Cobalt	59-2	8849	9260	8686	8932	3.31	cps
Copper	63-2	8373	8666	8686	8575	2.05	cps
Dysprosium	156-1	39934	40712	39474	40040	1.56	cps
Dysprosium	156-2	22382	22866	22318	22522	1.33	cps
Erbium	164-1	31829	30527	30118	30825	2.90	cps
Erbium	164-2	16030	16410	16981	16473	2.91	cps
Gadolinium	160-1	34052	33316	32431	33266	2.44	cps
Gadolinium	160-2	19955	20292	20375	20207	1.10	cps
Holmium	165-1	2569156	2577034	2522384	2556191	1.16	cps
Holmium	165-2	1254954	1275950	1281137	1270680	1.09	cps
Indium	115-1	1725074	1709420	1716421	1716972	0.46	cps
Indium	115-2	388768	393498	393914	392060	0.73	cps
Iron	56-2	21061756	21050741	20703444	20938647	0.97	cps
Iron	57-2	561414	564615	569658	565229	0.74	cps
Krypton	83-1	220	200	160	193	15.80	cps
Lead	206-1	30658	29344	29177	29726	2.73	cps
Lead	207-1	23483	23299	23093	23291	0.84	cps
Lead	208-1	113870	111206	111168	112082	1.38	cps
Lithium	6-1	1156453	1142836	1138921	1146070	0.80	cps
Magnesium	24-2	627264	637587	636228	633693	0.89	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3783-01DLX5 Instrumnet Name : P7
 Client Sample ID : KY030LC011-SD-190711 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 18:57:32 DataFile Name : 086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	270282	270621	271979	270961	0.33	cps
Molybdenum	94-1	28872	28404	28137	28471	1.31	cps
Molybdenum	95-1	992	958	883	945	5.87	cps
Molybdenum	96-1	6402	5968	5968	6113	4.09	cps
Molybdenum	97-1	667	517	650	611	13.45	cps
Molybdenum	98-1	1583	1734	1375	1564	11.51	cps
Neodymium	150-1	57942	56751	55445	56713	2.20	cps
Neodymium	150-2	24686	24515	24338	24513	0.71	cps
Nickel	60-2	5938	5968	5965	5957	0.28	cps
Phosphorus	31-2	16084	16685	16760	16510	2.24	cps
Potassium	39-2	444837	455395	452031	450754	1.20	cps
Rhodium	103-1	1706147	1694106	1690793	1697015	0.48	cps
Rhodium	103-2	842171	844011	846347	844176	0.25	cps
Scandium	45-1	2063264	2055983	2035950	2051732	0.69	cps
Scandium	45-2	101212	102733	102501	102149	0.80	cps
Selenium	77-2	147	177	163	162	9.27	cps
Selenium	78-2	174	152	115	147	20.38	cps
Selenium	82-1	86	105	156	116	31.25	cps
Silicon	28-1	6732544	6721676	6666287	6706836	0.53	cps
Silver	109-1	133	142	142	139	3.46	cps
Silver	107-1	192	242	258	231	15.05	cps
Sodium	23-2	84647	86189	85652	85496	0.92	cps
Strontium	86-1	293886	288578	286913	289793	1.26	cps
Strontium	88-1	2556881	2533577	2539296	2543252	0.48	cps
Sulfur	34-1	199916	198319	195694	197976	1.08	cps
Terbium	159-1	2612273	2617162	2578706	2602714	0.80	cps
Terbium	159-2	1284024	1300455	1306892	1297124	0.91	cps
Thallium	203-1	358	367	292	339	12.13	cps
Thallium	205-1	850	1000	942	931	8.13	cps
Thorium	232-1	59794	59158	58203	59052	1.36	cps
Tin	118-1	300	275	400	325	20.35	cps
Titanium	47-1	7386	7469	6985	7280	3.55	cps
Uranium	238-1	24257	23606	22496	23453	3.80	cps
Vanadium	51-2	33969	35065	34938	34657	1.73	cps
Yttrium	89-1	3162052	3143776	3137686	3147838	0.40	cps
Yttrium	89-2	472372	477854	479479	476568	0.78	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3783-01DLX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC011-SD-190711	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 18:57:32	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	7522	7522	7642	7562	0.92	cps
Zirconium	90-1	76412	76488	76219	76373	0.18	cps
Zirconium	91-1	17328	17061	17127	17172	0.81	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3783-02DLX5 Instrumnet Name : P7
 Client Sample ID : KY030LC015-SD-190711 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 19:01:11 DataFile Name : 087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	515858	520425	523204	519829	0.71	cps
Antimony	121-1	75	58	83	72	17.62	cps
Arsenic	75-2	906	924	857	896	3.84	cps
Barium	135-1	73972	73521	74014	73836	0.37	cps
Barium	137-1	128895	128441	127213	128183	0.68	cps
Beryllium	9-1	1140	1110	1077	1109	2.86	cps
Bismuth	209-1	1291990	1293101	1284518	1289870	0.36	cps
Bismuth	209-2	739201	734542	751207	741650	1.16	cps
Boron	10-1	1550	1550	1542	1547	0.31	cps
Boron	11-1	6535	6252	6560	6449	2.66	cps
Cadmium	111-1	2238	2270	2263	2257	0.74	cps
Cadmium	106-1	1417	1308	1283	1336	5.30	cps
Cadmium	108-1	238	167	242	215	19.58	cps
Calcium	43-1	3360931	3333404	3312123	3335486	0.73	cps
Calcium	44-1	53997239	53481312	53168273	53548941	0.78	cps
Chromium	52-2	34353	33822	34908	34361	1.58	cps
Cobalt	59-2	11978	11885	11945	11936	0.40	cps
Copper	63-2	15642	15365	15745	15584	1.26	cps
Dysprosium	156-1	21284	20858	20842	20995	1.19	cps
Dysprosium	156-2	11822	12226	11825	11958	1.94	cps
Erbium	164-1	16661	16144	15710	16171	2.95	cps
Erbium	164-2	8406	8726	8836	8656	2.58	cps
Gadolinium	160-1	17921	17537	16794	17417	3.29	cps
Gadolinium	160-2	10648	10394	11065	10702	3.16	cps
Holmium	165-1	2560811	2554450	2554465	2556575	0.14	cps
Holmium	165-2	1257096	1265416	1285029	1269180	1.13	cps
Indium	115-1	1724252	1733474	1736455	1731394	0.37	cps
Indium	115-2	392784	393198	397188	394390	0.62	cps
Iron	56-2	12586337	12370086	12465117	12473847	0.87	cps
Iron	57-2	345777	346419	350635	347610	0.76	cps
Krypton	83-1	150	133	100	128	19.92	cps
Lead	206-1	195404	196436	195046	195628	0.37	cps
Lead	207-1	161477	157253	158753	159161	1.35	cps
Lead	208-1	751723	740581	736870	743058	1.04	cps
Lithium	6-1	1166898	1151084	1148740	1155574	0.85	cps
Magnesium	24-2	464407	463986	465618	464670	0.18	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3783-02DLX5 Instrumnet Name : P7
 Client Sample ID : KY030LC015-SD-190711 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 19:01:11 DataFile Name : 087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	203297	203902	207373	204858	1.07	cps
Molybdenum	94-1	25340	24689	23904	24644	2.92	cps
Molybdenum	95-1	400	425	383	403	5.21	cps
Molybdenum	96-1	4801	4593	4293	4562	5.60	cps
Molybdenum	97-1	250	242	292	261	10.26	cps
Molybdenum	98-1	650	817	617	694	15.43	cps
Neodymium	150-1	31136	29966	30120	30408	2.09	cps
Neodymium	150-2	13280	13183	13220	13228	0.37	cps
Nickel	60-2	6985	7152	6908	7015	1.77	cps
Phosphorus	31-2	6627	6860	7035	6841	3.00	cps
Potassium	39-2	311686	314145	318396	314742	1.08	cps
Rhodium	103-1	1722019	1704941	1712335	1713098	0.50	cps
Rhodium	103-2	849037	855304	861649	855330	0.74	cps
Scandium	45-1	2081363	2071339	2064389	2072364	0.41	cps
Scandium	45-2	103052	103147	104354	103518	0.70	cps
Selenium	77-2	83	97	123	101	20.15	cps
Selenium	78-2	80	104	87	90	13.68	cps
Selenium	82-1	101	126	125	117	12.18	cps
Silicon	28-1	5224647	5203132	5208983	5212254	0.21	cps
Silver	109-1	1984	1875	1775	1878	5.55	cps
Silver	107-1	2009	2042	2092	2047	2.05	cps
Sodium	23-2	58113	57728	59359	58400	1.46	cps
Strontium	86-1	234909	236313	231731	234318	1.00	cps
Strontium	88-1	2039722	2084996	2047706	2057475	1.17	cps
Sulfur	34-1	235017	231426	230768	232403	0.98	cps
Terbium	159-1	2615762	2606618	2601895	2608092	0.27	cps
Terbium	159-2	1294680	1294727	1311873	1300427	0.76	cps
Thallium	203-1	350	317	392	353	10.65	cps
Thallium	205-1	1025	983	933	981	4.68	cps
Thorium	232-1	46311	44599	45196	45369	1.91	cps
Tin	118-1	367	283	400	350	17.17	cps
Titanium	47-1	4059	3892	3984	3978	2.10	cps
Uranium	238-1	15844	14934	14709	15162	3.96	cps
Vanadium	51-2	26661	26561	26991	26738	0.84	cps
Yttrium	89-1	2857308	2879213	2864801	2867107	0.39	cps
Yttrium	89-2	433710	435576	441240	436842	0.90	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3783-02DLX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC015-SD-190711	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 19:01:11	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	14097	14027	14197	14107	0.61	cps
Zirconium	90-1	67300	65736	65870	66302	1.31	cps
Zirconium	91-1	15117	15442	14241	14933	4.16	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3783-03DLX5 Instrumnet Name : P7
 Client Sample ID : KY030LC018-SD-190711 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 19:04:50 DataFile Name : 088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	269394	273395	279234	274008	1.81	cps
Antimony	121-1	75	92	50	72	29.04	cps
Arsenic	75-2	657	652	578	629	7.07	cps
Barium	135-1	36198	35513	36983	36231	2.03	cps
Barium	137-1	62107	61638	60843	61529	1.04	cps
Beryllium	9-1	553	633	600	596	6.75	cps
Bismuth	209-1	1303813	1295814	1314951	1304859	0.74	cps
Bismuth	209-2	744401	753140	762950	753497	1.23	cps
Boron	10-1	1900	1825	1784	1836	3.22	cps
Boron	11-1	8186	8545	8428	8386	2.18	cps
Cadmium	111-1	1082	843	872	932	13.99	cps
Cadmium	106-1	1300	1092	1042	1145	11.97	cps
Cadmium	108-1	88	83	100	90	9.60	cps
Calcium	43-1	2588943	2590850	2605804	2595199	0.36	cps
Calcium	44-1	41780984	41831475	41864259	41825573	0.10	cps
Chromium	52-2	21079	21730	21416	21408	1.52	cps
Cobalt	59-2	7602	7419	7492	7504	1.23	cps
Copper	63-2	7162	6975	7439	7192	3.24	cps
Dysprosium	156-1	21125	20299	20892	20772	2.05	cps
Dysprosium	156-2	11762	11675	11912	11783	1.02	cps
Erbium	164-1	15818	15659	15760	15746	0.51	cps
Erbium	164-2	8670	8436	8656	8587	1.53	cps
Gadolinium	160-1	18121	17854	17412	17795	2.01	cps
Gadolinium	160-2	10337	10814	10524	10559	2.28	cps
Holmium	165-1	2543273	2552417	2558508	2551399	0.30	cps
Holmium	165-2	1263150	1284974	1304482	1284202	1.61	cps
Indium	115-1	1736272	1740504	1756433	1744403	0.61	cps
Indium	115-2	394846	403080	405215	401047	1.37	cps
Iron	56-2	7780373	7822564	7834462	7812466	0.36	cps
Iron	57-2	217588	223667	222299	221185	1.44	cps
Krypton	83-1	123	110	153	129	17.22	cps
Lead	206-1	27874	28325	28509	28236	1.16	cps
Lead	207-1	22764	23789	22509	23021	2.94	cps
Lead	208-1	107968	107196	108085	107750	0.45	cps
Lithium	6-1	1156785	1144135	1144419	1148446	0.63	cps
Magnesium	24-2	271702	275667	276342	274570	0.91	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3783-03DLX5 Instrumnet Name : P7
 Client Sample ID : KY030LC018-SD-190711 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 19:04:50 DataFile Name : 088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	108046	110240	110444	109577	1.21	cps
Molybdenum	94-1	17770	17044	17078	17297	2.37	cps
Molybdenum	95-1	550	742	600	631	15.77	cps
Molybdenum	96-1	3442	3342	3526	3437	2.67	cps
Molybdenum	97-1	342	367	233	314	22.58	cps
Molybdenum	98-1	858	842	725	808	8.99	cps
Neodymium	150-1	29285	29118	28624	29009	1.19	cps
Neodymium	150-2	12716	12946	12966	12876	1.08	cps
Nickel	60-2	3377	3510	3450	3446	1.94	cps
Phosphorus	31-2	8811	9228	9228	9089	2.65	cps
Potassium	39-2	207262	211536	211236	210011	1.14	cps
Rhodium	103-1	1722571	1734976	1744859	1734136	0.64	cps
Rhodium	103-2	856784	877583	886543	873637	1.75	cps
Scandium	45-1	2061812	2056791	2069246	2062617	0.30	cps
Scandium	45-2	102679	103639	104955	103758	1.10	cps
Selenium	77-2	57	73	67	66	12.80	cps
Selenium	78-2	102	91	76	90	14.53	cps
Selenium	82-1	99	115	55	90	34.32	cps
Silicon	28-1	1485110	1468254	1462479	1471948	0.80	cps
Silver	109-1	283	300	283	289	3.33	cps
Silver	107-1	292	342	325	319	7.97	cps
Sodium	23-2	56591	58456	59184	58077	2.30	cps
Strontium	86-1	204537	197844	197312	199898	2.01	cps
Strontium	88-1	1754829	1736484	1767006	1752773	0.88	cps
Sulfur	34-1	281819	280320	278140	280093	0.66	cps
Terbium	159-1	2605818	2583029	2628933	2605927	0.88	cps
Terbium	159-2	1293726	1330713	1314538	1312992	1.41	cps
Thallium	203-1	267	283	300	283	5.88	cps
Thallium	205-1	567	675	450	564	19.96	cps
Thorium	232-1	25047	25169	26155	25457	2.39	cps
Tin	118-1	283	308	450	347	25.89	cps
Titanium	47-1	3275	3417	3676	3456	5.87	cps
Uranium	238-1	16319	15685	15518	15841	2.67	cps
Vanadium	51-2	22097	21506	22320	21974	1.92	cps
Yttrium	89-1	2881203	2877367	2907414	2888661	0.57	cps
Yttrium	89-2	433477	448060	447655	443064	1.87	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3783-03DLX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC018-SD-190711	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 19:04:50	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	6318	6535	6395	6416	1.71	cps
Zirconium	90-1	45958	46075	47488	46507	1.83	cps
Zirconium	91-1	10363	10046	10404	10271	1.91	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : CCV23 Instrumnet Name : P7
 Client Sample ID : CCV23 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 19:10:38 DataFile Name : 089CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2004745	1992837	1993025	1996869	0.34	cps
Antimony	121-1	889169	877570	882250	882996	0.66	cps
Arsenic	75-2	43028	43702	43849	43527	1.01	cps
Barium	135-1	1205482	1179904	1191544	1192310	1.07	cps
Barium	137-1	2136479	2130305	2126989	2131258	0.23	cps
Beryllium	9-1	436602	432804	432411	433939	0.53	cps
Bismuth	209-1	1146964	1137760	1128440	1137722	0.81	cps
Bismuth	209-2	690406	687166	694734	690769	0.55	cps
Boron	10-1	72315	73755	74107	73392	1.29	cps
Boron	11-1	313249	308500	312978	311576	0.86	cps
Cadmium	111-1	252549	252800	256671	254007	0.91	cps
Cadmium	106-1	30943	30442	30258	30548	1.16	cps
Cadmium	108-1	21183	20507	20544	20745	1.83	cps
Calcium	43-1	2502868	2479539	2483841	2488749	0.50	cps
Calcium	44-1	40048623	40030351	39870419	39983131	0.25	cps
Chromium	52-2	462007	468967	468361	466445	0.83	cps
Cobalt	59-2	590931	595969	604513	597138	1.15	cps
Copper	63-2	735182	745171	754415	744923	1.29	cps
Dysprosium	156-1	25	33	58	39	44.62	cps
Dysprosium	156-2	30	37	50	39	26.18	cps
Erbium	164-1	8	0	8	6	86.60	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	33	8	33	25	57.74	cps
Gadolinium	160-2	40	47	37	41	12.39	cps
Holmium	165-1	2448544	2445159	2446599	2446768	0.07	cps
Holmium	165-2	1243203	1262558	1259199	1254986	0.82	cps
Indium	115-1	1600692	1598024	1577444	1592053	0.80	cps
Indium	115-2	371995	376160	376248	374801	0.65	cps
Iron	56-2	81026557	81722480	81354718	81367918	0.43	cps
Iron	57-2	2063534	2065989	2078500	2069341	0.39	cps
Krypton	83-1	77	87	83	82	6.19	cps
Lead	206-1	639404	623100	631680	631394	1.29	cps
Lead	207-1	557887	549336	547712	551645	0.99	cps
Lead	208-1	2561116	2533091	2534422	2542876	0.62	cps
Lithium	6-1	1074703	1062616	1052430	1063249	1.05	cps
Magnesium	24-2	21575511	21488060	21609968	21557846	0.29	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P7
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:10:38	DataFile Name :	089CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	537125	552449	550444	546673	1.52	cps
Molybdenum	94-1	2568504	2507326	2546210	2540680	1.22	cps
Molybdenum	95-1	3167695	3105806	3129088	3134197	1.00	cps
Molybdenum	96-1	3486289	3456477	3464722	3469163	0.44	cps
Molybdenum	97-1	1944114	1935117	1932374	1937202	0.32	cps
Molybdenum	98-1	5030907	4998259	4999174	5009447	0.37	cps
Neodymium	150-1	87	100	153	113	31.13	cps
Neodymium	150-2	27	7	10	14	74.18	cps
Nickel	60-2	149964	151927	153113	151668	1.05	cps
Phosphorus	31-2	23411	22501	23302	23071	2.15	cps
Potassium	39-2	10159916	10112830	10052783	10108510	0.53	cps
Rhodium	103-1	1572641	1557892	1560915	1563816	0.50	cps
Rhodium	103-2	798385	802575	806007	802322	0.48	cps
Scandium	45-1	1883277	1863029	1950100	1898802	2.40	cps
Scandium	45-2	98206	99115	99656	98992	0.74	cps
Selenium	77-2	1243	1273	1233	1250	1.67	cps
Selenium	78-2	4332	4258	4378	4323	1.40	cps
Selenium	82-1	24012	23132	23678	23608	1.88	cps
Silicon	28-1	1250745	1237325	1244138	1244069	0.54	cps
Silver	109-1	1132199	1103881	1115613	1117231	1.27	cps
Silver	107-1	1177980	1147866	1169106	1164984	1.33	cps
Sodium	23-2	42735216	42612620	42774077	42707304	0.20	cps
Strontium	86-1	417318	410637	407753	411903	1.19	cps
Strontium	88-1	3607978	3529667	3560491	3566045	1.11	cps
Sulfur	34-1	364742	362484	359496	362241	0.73	cps
Terbium	159-1	2484036	2475208	2460531	2473258	0.48	cps
Terbium	159-2	1263388	1276487	1281093	1273656	0.72	cps
Thallium	203-1	783663	756442	772538	770881	1.78	cps
Thallium	205-1	1909372	1889180	1923154	1907235	0.90	cps
Thorium	232-1	3301264	3269491	3298976	3289910	0.54	cps
Tin	118-1	739341	730258	730398	733333	0.71	cps
Titanium	47-1	1132203	1115077	1109675	1118985	1.05	cps
Uranium	238-1	3216359	3181417	3175033	3190936	0.70	cps
Vanadium	51-2	401570	411010	407337	406639	1.17	cps
Yttrium	89-1	2434018	2425993	2406302	2422104	0.59	cps
Yttrium	89-2	377040	385162	383376	381859	1.12	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P7
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:10:38	DataFile Name :	089CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	121207	122522	122377	122036	0.59	cps
Zirconium	90-1	2139860	2114256	2130244	2128120	0.61	cps
Zirconium	91-1	465242	454447	456440	458710	1.25	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : CCB23 Instrumnet Name : P7
 Client Sample ID : CCB23 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 19:20:45 DataFile Name : 090CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	17	17	14	34.67	cps
Antimony	121-1	217	242	283	247	13.62	cps
Arsenic	75-2	0	2	0	1	173.21	cps
Barium	135-1	17	17	17	17	0.00	cps
Barium	137-1	33	17	8	19	65.47	cps
Beryllium	9-1	33	57	67	52	32.76	cps
Bismuth	209-1	1355922	1336633	1352040	1348198	0.76	cps
Bismuth	209-2	768256	764793	771592	768214	0.44	cps
Boron	10-1	1250	1058	1108	1139	8.73	cps
Boron	11-1	4826	4017	4042	4295	10.70	cps
Cadmium	111-1	609	536	652	599	9.75	cps
Cadmium	106-1	858	758	933	850	10.33	cps
Cadmium	108-1	0	4	8	4	99.96	cps
Calcium	43-1	33	100	67	67	50.00	cps
Calcium	44-1	3301	3184	3117	3200	2.90	cps
Chromium	52-2	177	293	263	244	24.78	cps
Cobalt	59-2	27	10	30	22	48.22	cps
Copper	63-2	140	100	107	116	18.54	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	17	25	0	14	91.65	cps
Erbium	164-2	3	0	0	1	173.21	cps
Gadolinium	160-1	8	8	25	14	69.31	cps
Gadolinium	160-2	33	37	50	40	22.05	cps
Holmium	165-1	2548431	2521411	2524928	2531590	0.58	cps
Holmium	165-2	1261340	1260810	1263860	1262003	0.13	cps
Indium	115-1	1796155	1768411	1786904	1783824	0.79	cps
Indium	115-2	400955	402600	406089	403215	0.65	cps
Iron	56-2	2022	2161	2050	2078	3.54	cps
Iron	57-2	139	117	128	128	8.69	cps
Krypton	83-1	93	83	127	101	22.44	cps
Lead	206-1	106	50	67	74	38.49	cps
Lead	207-1	83	83	61	76	16.90	cps
Lead	208-1	378	278	317	324	15.56	cps
Lithium	6-1	1155432	1131967	1132118	1139839	1.18	cps
Magnesium	24-2	292	175	183	217	30.04	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P7
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:20:45	DataFile Name :	090CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	10	10	20	13	43.30	cps
Molybdenum	94-1	108	150	92	117	25.76	cps
Molybdenum	95-1	75	108	92	92	18.18	cps
Molybdenum	96-1	192	133	117	147	26.75	cps
Molybdenum	97-1	67	58	50	58	14.29	cps
Molybdenum	98-1	217	183	158	186	15.73	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	3	10	7	7	50.03	cps
Phosphorus	31-2	33	83	108	75	50.92	cps
Potassium	39-2	8736	9295	8911	8981	3.18	cps
Rhodium	103-1	1836361	1802451	1836332	1825048	1.07	cps
Rhodium	103-2	904467	901999	900422	902296	0.23	cps
Scandium	45-1	2078682	2063026	2065884	2069197	0.40	cps
Scandium	45-2	102622	101223	102431	102092	0.74	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	13	30	13	19	51.98	cps
Selenium	82-1	5	-7	-40	-14	-170.50	cps
Silicon	28-1	76379	76111	76655	76382	0.36	cps
Silver	109-1	67	33	17	39	65.47	cps
Silver	107-1	42	58	67	56	22.91	cps
Sodium	23-2	4509	4426	4367	4434	1.61	cps
Strontium	86-1	100	183	133	139	30.20	cps
Strontium	88-1	83	25	58	56	52.68	cps
Sulfur	34-1	166747	169167	170059	168658	1.02	cps
Terbium	159-1	2621318	2577200	2594849	2597789	0.85	cps
Terbium	159-2	1284031	1288905	1274913	1282616	0.55	cps
Thallium	203-1	58	50	75	61	20.83	cps
Thallium	205-1	133	208	117	153	31.96	cps
Thorium	232-1	122	128	139	130	6.54	cps
Tin	118-1	108	83	83	92	15.74	cps
Titanium	47-1	42	58	75	58	28.57	cps
Uranium	238-1	25	17	8	17	50.01	cps
Vanadium	51-2	17	0	0	6	173.21	cps
Yttrium	89-1	2590766	2576463	2586021	2584417	0.28	cps
Yttrium	89-2	390795	391953	394718	392489	0.51	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P7
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:20:45	DataFile Name :	090CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	30	100	60	63	55.45	cps
Zirconium	90-1	250	242	267	253	5.04	cps
Zirconium	91-1	75	67	25	56	48.22	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : PB121232BL Instrumnet Name : P7
 Client Sample ID : PB121232BL Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 19:29:47 DataFile Name : 092CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	25	33	25	33.32	cps
Antimony	121-1	83	92	100	92	9.09	cps
Arsenic	75-2	6	4	0	3	91.69	cps
Barium	135-1	0	0	0	0	0.00	cps
Barium	137-1	8	0	25	11	114.58	cps
Beryllium	9-1	53	30	23	36	44.31	cps
Bismuth	209-1	1165241	1248628	1144769	1186213	4.64	cps
Bismuth	209-2	650014	645296	654288	649866	0.69	cps
Boron	10-1	658	625	600	628	4.66	cps
Boron	11-1	2292	2484	2434	2403	4.14	cps
Cadmium	111-1	550	561	521	544	3.77	cps
Cadmium	106-1	767	792	725	761	4.42	cps
Cadmium	108-1	4	8	4	6	43.22	cps
Calcium	43-1	42	33	42	39	12.38	cps
Calcium	44-1	3334	2709	2850	2964	11.06	cps
Chromium	52-2	323	260	253	279	13.85	cps
Cobalt	59-2	0	17	0	6	173.21	cps
Copper	63-2	660	583	563	602	8.47	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	0	8	17	8	100.02	cps
Erbium	164-2	3	3	0	2	86.60	cps
Gadolinium	160-1	17	0	8	8	100.02	cps
Gadolinium	160-2	40	47	30	39	21.57	cps
Holmium	165-1	2240880	2378679	2223984	2281181	3.72	cps
Holmium	165-2	1072233	1067477	1065078	1068263	0.34	cps
Indium	115-1	1547528	1647960	1521040	1572176	4.26	cps
Indium	115-2	329796	333633	334267	332565	0.73	cps
Iron	56-2	1611	1478	1495	1528	4.76	cps
Iron	57-2	117	67	128	104	31.39	cps
Krypton	83-1	80	63	87	77	15.68	cps
Lead	206-1	522	539	500	520	3.75	cps
Lead	207-1	428	278	378	361	21.15	cps
Lead	208-1	1889	1728	1672	1763	6.38	cps
Lithium	6-1	1001168	1044330	975207	1006902	3.47	cps
Magnesium	24-2	83	50	67	67	25.00	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : PB121232BL Instrumnet Name : P7
 Client Sample ID : PB121232BL Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 19:29:47 DataFile Name : 092CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	10	3	17	10	66.70	cps
Molybdenum	94-1	67	108	67	81	29.86	cps
Molybdenum	95-1	33	25	17	25	33.32	cps
Molybdenum	96-1	33	42	58	44	28.65	cps
Molybdenum	97-1	25	0	17	14	91.65	cps
Molybdenum	98-1	33	58	42	44	28.65	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	10	7	0	6	91.64	cps
Phosphorus	31-2	75	58	42	58	28.57	cps
Potassium	39-2	11763	11371	11271	11469	2.27	cps
Rhodium	103-1	1579798	1664809	1559634	1601414	3.49	cps
Rhodium	103-2	753325	754585	755997	754636	0.18	cps
Scandium	45-1	1710786	1796582	1655056	1720808	4.14	cps
Scandium	45-2	83068	82672	82632	82791	0.29	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	28	11	22	20	41.67	cps
Selenium	82-1	24	24	8	19	48.00	cps
Silicon	28-1	73539	72936	70893	72456	1.91	cps
Silver	109-1	258	292	267	272	6.37	cps
Silver	107-1	233	333	217	261	24.16	cps
Sodium	23-2	22000	21466	20706	21391	3.04	cps
Strontium	86-1	125	150	142	139	9.16	cps
Strontium	88-1	92	117	33	81	53.09	cps
Sulfur	34-1	174148	170135	166023	170102	2.39	cps
Terbium	159-1	2280316	2404250	2268072	2317546	3.25	cps
Terbium	159-2	1087890	1096361	1093663	1092638	0.40	cps
Thallium	203-1	75	42	67	61	28.38	cps
Thallium	205-1	167	125	108	133	22.54	cps
Thorium	232-1	44	28	39	37	22.91	cps
Tin	118-1	125	175	117	139	22.72	cps
Titanium	47-1	50	25	92	56	60.62	cps
Uranium	238-1	0	0	17	6	173.21	cps
Vanadium	51-2	10	7	10	9	21.63	cps
Yttrium	89-1	2206532	2352579	2190057	2249722	3.98	cps
Yttrium	89-2	323381	322547	318669	321532	0.78	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	PB121232BL	Instrumnet Name :	P7
Client Sample ID :	PB121232BL	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:29:47	DataFile Name :	092CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	73	73	87	78	9.90	cps
Zirconium	90-1	192	250	258	233	15.57	cps
Zirconium	91-1	33	33	17	28	34.63	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	PB121232BS	Instrumnet Name :	P7
Client Sample ID :	PB121232BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:33:23	DataFile Name :	093LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	335427	341742	340865	339344	1.01	cps
Antimony	121-1	867117	882635	875783	875178	0.89	cps
Arsenic	75-2	37972	39101	38193	38422	1.56	cps
Barium	135-1	1179609	1182882	1180293	1180928	0.15	cps
Barium	137-1	2104225	2147440	2112537	2121400	1.08	cps
Beryllium	9-1	401252	403436	396417	400368	0.90	cps
Bismuth	209-1	1226048	1255317	1243835	1241733	1.19	cps
Bismuth	209-2	697129	703469	697449	699349	0.51	cps
Boron	10-1	67300	67845	67752	67632	0.43	cps
Boron	11-1	287679	296856	288375	290970	1.76	cps
Cadmium	111-1	239044	242407	239112	240188	0.80	cps
Cadmium	106-1	28154	28238	28563	28318	0.76	cps
Cadmium	108-1	19635	20085	19681	19800	1.25	cps
Calcium	43-1	467663	477754	466811	470743	1.29	cps
Calcium	44-1	7642344	7779551	7673418	7698437	0.93	cps
Chromium	52-2	411899	419876	413051	414942	1.04	cps
Cobalt	59-2	548441	559899	545683	551341	1.37	cps
Copper	63-2	667210	679343	664785	670446	1.16	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	17	23	37	26	39.85	cps
Erbium	164-1	25	25	8	19	49.50	cps
Erbium	164-2	0	3	10	4	114.60	cps
Gadolinium	160-1	17	17	42	25	57.73	cps
Gadolinium	160-2	33	53	40	42	24.12	cps
Holmium	165-1	2400934	2452395	2468982	2440770	1.45	cps
Holmium	165-2	1181787	1198167	1179912	1186622	0.85	cps
Indium	115-1	1582785	1617375	1597844	1599335	1.08	cps
Indium	115-2	354429	352665	351389	352828	0.43	cps
Iron	56-2	14951279	15038179	14783372	14924277	0.87	cps
Iron	57-2	386743	398121	390179	391681	1.49	cps
Krypton	83-1	73	93	80	82	12.39	cps
Lead	206-1	660966	663673	652847	659162	0.85	cps
Lead	207-1	575620	577836	566213	573223	1.08	cps
Lead	208-1	2635000	2668015	2626028	2643014	0.84	cps
Lithium	6-1	1017151	1024739	1005659	1015849	0.95	cps
Magnesium	24-2	3935427	3991619	3897551	3941532	1.20	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	PB121232BS	Instrumnet Name :	P7
Client Sample ID :	PB121232BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:33:23	DataFile Name :	093LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	489686	499379	490002	493022	1.12	cps
Molybdenum	94-1	2406447	2474871	2438270	2439863	1.40	cps
Molybdenum	95-1	2969869	3030972	2991018	2997286	1.04	cps
Molybdenum	96-1	3277649	3369566	3328087	3325101	1.38	cps
Molybdenum	97-1	1854104	1885762	1866597	1868821	0.85	cps
Molybdenum	98-1	4766214	4896315	4825519	4829349	1.35	cps
Neodymium	150-1	80	87	120	96	22.43	cps
Neodymium	150-2	10	3	17	10	66.70	cps
Nickel	60-2	133219	138319	133982	135173	2.03	cps
Phosphorus	31-2	19747	19029	20047	19608	2.67	cps
Potassium	39-2	1761693	1788050	1774320	1774688	0.74	cps
Rhodium	103-1	1574279	1609980	1583338	1589199	1.17	cps
Rhodium	103-2	789858	789593	784720	788057	0.37	cps
Scandium	45-1	1748309	1762110	1740992	1750470	0.61	cps
Scandium	45-2	87738	86987	86823	87182	0.56	cps
Selenium	77-2	1230	1277	1143	1217	5.56	cps
Selenium	78-2	4038	4028	3839	3968	2.82	cps
Selenium	82-1	23880	24006	23062	23649	2.17	cps
Silicon	28-1	1163873	1169061	1162279	1165071	0.30	cps
Silver	109-1	1046715	1052530	1034514	1044586	0.88	cps
Silver	107-1	1075892	1108067	1078806	1087588	1.64	cps
Sodium	23-2	7779314	7871220	7772390	7807641	0.71	cps
Strontium	86-1	364093	369404	363486	365661	0.89	cps
Strontium	88-1	3107142	3197485	3129194	3144607	1.50	cps
Sulfur	34-1	335220	330467	327754	331147	1.14	cps
Terbium	159-1	2437056	2506700	2468087	2470615	1.41	cps
Terbium	159-2	1194277	1210047	1198989	1201104	0.67	cps
Thallium	203-1	801861	804280	796999	801047	0.46	cps
Thallium	205-1	1959065	1990041	1973945	1974351	0.78	cps
Thorium	232-1	3240371	3304901	3303991	3283088	1.13	cps
Tin	118-1	737682	745816	739724	741074	0.57	cps
Titanium	47-1	1038929	1039135	1030498	1036187	0.48	cps
Uranium	238-1	3159050	3221578	3214601	3198410	1.07	cps
Vanadium	51-2	356274	364089	357985	359449	1.14	cps
Yttrium	89-1	2321033	2380278	2328950	2343420	1.37	cps
Yttrium	89-2	346276	346540	343766	345527	0.44	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	PB121232BS	Instrumnet Name :	P7
Client Sample ID :	PB121232BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:33:23	DataFile Name :	093LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	108334	110141	109399	109292	0.83	cps
Zirconium	90-1	2020063	2063752	2025174	2036330	1.17	cps
Zirconium	91-1	435443	440092	439402	438312	0.57	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-04	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:37:00	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	942	1267	1083	1097	14.85	cps
Antimony	121-1	3351	3134	2784	3089	9.26	cps
Arsenic	75-2	2128	2139	2267	2178	3.54	cps
Barium	135-1	92364	90411	90301	91025	1.27	cps
Barium	137-1	155132	159212	158261	157535	1.35	cps
Beryllium	9-1	97	77	87	87	11.54	cps
Bismuth	209-1	1376546	1384122	1373759	1378142	0.39	cps
Bismuth	209-2	729883	744184	743453	739174	1.09	cps
Boron	10-1	7627	7410	7344	7460	1.99	cps
Boron	11-1	32653	31868	31500	32007	1.84	cps
Cadmium	111-1	748	752	583	694	13.87	cps
Cadmium	106-1	917	900	725	847	12.53	cps
Cadmium	108-1	33	17	29	26	32.86	cps
Calcium	43-1	1753309	1758868	1765269	1759149	0.34	cps
Calcium	44-1	29232887	29645833	30135991	29671570	1.52	cps
Chromium	52-2	2280	2197	2054	2177	5.27	cps
Cobalt	59-2	6041	5938	6188	6056	2.08	cps
Copper	63-2	4881	4914	4781	4859	1.43	cps
Dysprosium	156-1	142	158	158	153	6.30	cps
Dysprosium	156-2	80	107	103	97	15.03	cps
Erbium	164-1	150	125	250	175	37.79	cps
Erbium	164-2	97	120	83	100	18.56	cps
Gadolinium	160-1	217	175	175	189	12.74	cps
Gadolinium	160-2	147	153	140	147	4.55	cps
Holmium	165-1	2639487	2674574	2677096	2663719	0.79	cps
Holmium	165-2	1231606	1246531	1246075	1241404	0.68	cps
Indium	115-1	1758440	1786577	1785016	1776678	0.89	cps
Indium	115-2	365930	372197	372226	370118	0.98	cps
Iron	56-2	7244199	7273468	7229068	7248912	0.31	cps
Iron	57-2	200252	203897	203688	202612	1.01	cps
Krypton	83-1	107	123	97	109	12.37	cps
Lead	206-1	1672	1567	1672	1637	3.72	cps
Lead	207-1	1272	1295	1256	1274	1.53	cps
Lead	208-1	6229	6373	6173	6258	1.65	cps
Lithium	6-1	1271523	1295494	1289439	1285485	0.97	cps
Magnesium	24-2	1507180	1509995	1525882	1514352	0.67	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-04	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:37:00	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1188544	1211697	1217432	1205891	1.27	cps
Molybdenum	94-1	2634	2609	2500	2581	2.75	cps
Molybdenum	95-1	1617	1292	1408	1439	11.44	cps
Molybdenum	96-1	2134	1634	1525	1764	18.40	cps
Molybdenum	97-1	850	692	767	769	10.29	cps
Molybdenum	98-1	2209	2009	1875	2031	8.26	cps
Neodymium	150-1	220	247	200	222	10.54	cps
Neodymium	150-2	73	87	63	74	15.73	cps
Nickel	60-2	1423	1377	1560	1453	6.56	cps
Phosphorus	31-2	92	75	67	78	16.37	cps
Potassium	39-2	168690	170240	167882	168938	0.71	cps
Rhodium	103-1	1726273	1744179	1764385	1744946	1.09	cps
Rhodium	103-2	840938	848286	861978	850401	1.26	cps
Scandium	45-1	1930563	1952098	1955676	1946113	0.70	cps
Scandium	45-2	92503	93831	94609	93648	1.14	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	22	19	17	19	14.77	cps
Selenium	82-1	9	1	30	14	109.54	cps
Silicon	28-1	21669410	22208088	22313577	22063692	1.57	cps
Silver	109-1	2234	2167	2167	2189	1.76	cps
Silver	107-1	2267	2034	2050	2117	6.15	cps
Sodium	23-2	639364	646307	646118	643930	0.61	cps
Strontium	86-1	805979	810651	817176	811269	0.69	cps
Strontium	88-1	7093592	7224341	7303242	7207058	1.47	cps
Sulfur	34-1	254928	256877	261006	257604	1.20	cps
Terbium	159-1	2661592	2725387	2729275	2705418	1.40	cps
Terbium	159-2	1254110	1267884	1283888	1268628	1.17	cps
Thallium	203-1	608	350	275	411	42.54	cps
Thallium	205-1	1542	983	783	1103	35.64	cps
Thorium	232-1	1606	1583	1339	1509	9.80	cps
Tin	118-1	2109	2517	2400	2342	8.98	cps
Titanium	47-1	833	750	683	756	9.95	cps
Uranium	238-1	8862	9262	9387	9170	2.99	cps
Vanadium	51-2	347	367	313	342	7.87	cps
Yttrium	89-1	2520476	2576969	2572297	2556581	1.23	cps
Yttrium	89-2	358008	362704	367447	362719	1.30	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-04	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:37:00	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2437	2290	2400	2376	3.21	cps
Zirconium	90-1	4868	5009	4618	4832	4.11	cps
Zirconium	91-1	1008	1108	975	1031	6.73	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-04DUP	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:40:37	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	975	1017	1000	997	2.11	cps
Antimony	121-1	1508	1850	1542	1633	11.53	cps
Arsenic	75-2	2222	2115	2059	2132	3.89	cps
Barium	135-1	95258	92919	92280	93486	1.68	cps
Barium	137-1	161362	162205	163039	162202	0.52	cps
Beryllium	9-1	77	60	60	66	14.68	cps
Bismuth	209-1	1427801	1376533	1406978	1403770	1.84	cps
Bismuth	209-2	732756	740918	732147	735274	0.67	cps
Boron	10-1	6001	5585	6043	5876	4.31	cps
Boron	11-1	24187	24412	24404	24334	0.53	cps
Cadmium	111-1	752	568	591	637	15.71	cps
Cadmium	106-1	950	725	717	797	16.61	cps
Cadmium	108-1	13	8	21	14	45.83	cps
Calcium	43-1	1761771	1754600	1755672	1757347	0.22	cps
Calcium	44-1	29712866	29545286	29583259	29613804	0.30	cps
Chromium	52-2	1743	1907	1820	1823	4.48	cps
Cobalt	59-2	5941	5915	6195	6017	2.57	cps
Copper	63-2	4064	3811	3530	3802	7.02	cps
Dysprosium	156-1	217	150	183	183	18.18	cps
Dysprosium	156-2	123	83	123	110	21.00	cps
Erbium	164-1	150	233	150	178	27.06	cps
Erbium	164-2	83	110	73	89	21.32	cps
Gadolinium	160-1	167	125	200	164	22.93	cps
Gadolinium	160-2	117	100	127	114	11.77	cps
Holmium	165-1	2736807	2663001	2747724	2715844	1.70	cps
Holmium	165-2	1228930	1255623	1239719	1241424	1.08	cps
Indium	115-1	1814170	1748851	1814066	1792362	2.10	cps
Indium	115-2	364496	370503	371626	368875	1.04	cps
Iron	56-2	7187675	7113021	7082766	7127820	0.76	cps
Iron	57-2	198377	197775	199098	198417	0.33	cps
Krypton	83-1	113	113	87	104	14.74	cps
Lead	206-1	1256	1239	1267	1254	1.12	cps
Lead	207-1	1122	1111	1006	1080	5.96	cps
Lead	208-1	4978	4928	5039	4982	1.12	cps
Lithium	6-1	1263162	1220950	1238336	1240816	1.71	cps
Magnesium	24-2	1487016	1477518	1460282	1474939	0.92	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-04DUP	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:40:37	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1182736	1181742	1178090	1180856	0.21	cps
Molybdenum	94-1	2092	2167	2159	2139	1.92	cps
Molybdenum	95-1	808	833	842	828	2.10	cps
Molybdenum	96-1	1183	1317	1317	1272	6.05	cps
Molybdenum	97-1	675	450	533	553	20.58	cps
Molybdenum	98-1	1433	1367	1275	1358	5.85	cps
Neodymium	150-1	240	220	227	229	4.45	cps
Neodymium	150-2	33	93	60	62	48.32	cps
Nickel	60-2	1310	1323	1420	1351	4.44	cps
Phosphorus	31-2	50	83	83	72	26.65	cps
Potassium	39-2	162378	159750	161249	161126	0.82	cps
Rhodium	103-1	1796850	1727053	1779588	1767830	2.06	cps
Rhodium	103-2	837126	844836	847146	843036	0.62	cps
Scandium	45-1	1980751	1895338	1932563	1936217	2.21	cps
Scandium	45-2	91222	92245	91507	91658	0.58	cps
Selenium	77-2	20	3	10	11	75.52	cps
Selenium	78-2	30	26	33	30	12.49	cps
Selenium	82-1	5	8	32	15	98.95	cps
Silicon	28-1	21906703	21810729	21979851	21899094	0.39	cps
Silver	109-1	1025	1217	1142	1128	8.56	cps
Silver	107-1	1317	1250	1417	1328	6.32	cps
Sodium	23-2	615754	620322	617709	617928	0.37	cps
Strontium	86-1	824433	820226	823874	822844	0.28	cps
Strontium	88-1	7279808	7283351	7313368	7292176	0.25	cps
Sulfur	34-1	257044	255071	251716	254610	1.06	cps
Terbium	159-1	2801116	2690158	2756499	2749258	2.03	cps
Terbium	159-2	1258673	1272809	1265840	1265774	0.56	cps
Thallium	203-1	117	117	133	122	7.87	cps
Thallium	205-1	158	175	158	164	5.87	cps
Thorium	232-1	506	544	517	522	3.84	cps
Tin	118-1	2042	2250	2075	2122	5.27	cps
Titanium	47-1	842	675	633	717	15.39	cps
Uranium	238-1	8812	8978	8603	8798	2.14	cps
Vanadium	51-2	353	310	300	321	8.83	cps
Yttrium	89-1	2620411	2526460	2583865	2576912	1.84	cps
Yttrium	89-2	360065	361611	362356	361344	0.32	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-04DUP	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:40:37	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2187	1980	1937	2035	6.57	cps
Zirconium	90-1	4834	5418	5009	5087	5.89	cps
Zirconium	91-1	992	1058	1225	1092	11.01	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-04LX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 19:44:13	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	175	142	181	23.23	cps
Antimony	121-1	500	525	617	547	11.23	cps
Arsenic	75-2	454	444	409	436	5.38	cps
Barium	135-1	19147	19481	18847	19158	1.66	cps
Barium	137-1	32364	32765	32347	32492	0.73	cps
Beryllium	9-1	70	73	53	66	16.35	cps
Bismuth	209-1	1496707	1469320	1471161	1479062	1.04	cps
Bismuth	209-2	787161	792039	799478	792893	0.78	cps
Boron	10-1	2009	1967	1967	1981	1.22	cps
Boron	11-1	9011	8686	8536	8745	2.78	cps
Cadmium	111-1	603	828	632	688	17.76	cps
Cadmium	106-1	858	1167	883	970	17.67	cps
Cadmium	108-1	21	8	4	11	78.05	cps
Calcium	43-1	374618	366645	364955	368739	1.40	cps
Calcium	44-1	6107668	6019819	5945680	6024389	1.35	cps
Chromium	52-2	593	570	580	581	2.01	cps
Cobalt	59-2	1167	1237	1307	1237	5.66	cps
Copper	63-2	1097	1133	1047	1092	3.98	cps
Dysprosium	156-1	42	17	25	28	45.82	cps
Dysprosium	156-2	23	20	27	23	14.29	cps
Erbium	164-1	83	50	58	64	27.15	cps
Erbium	164-2	17	17	17	17	0.00	cps
Gadolinium	160-1	17	67	25	36	74.18	cps
Gadolinium	160-2	60	83	77	73	16.39	cps
Holmium	165-1	2803620	2769016	2769649	2780762	0.71	cps
Holmium	165-2	1299602	1301039	1295233	1298625	0.23	cps
Indium	115-1	1901101	1874755	1883651	1886502	0.71	cps
Indium	115-2	387492	390996	392335	390274	0.64	cps
Iron	56-2	1543449	1562861	1552599	1552970	0.63	cps
Iron	57-2	40857	41565	42389	41604	1.84	cps
Krypton	83-1	90	93	70	84	14.95	cps
Lead	206-1	478	383	428	430	11.00	cps
Lead	207-1	400	367	406	391	5.38	cps
Lead	208-1	1750	1656	1656	1687	3.23	cps
Lithium	6-1	1158059	1132612	1117697	1136123	1.80	cps
Magnesium	24-2	307982	308856	310656	309165	0.44	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-04LX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 19:44:13	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	249169	248561	250021	249250	0.29	cps
Molybdenum	94-1	458	433	492	461	6.35	cps
Molybdenum	95-1	208	258	183	217	17.63	cps
Molybdenum	96-1	308	275	342	308	10.81	cps
Molybdenum	97-1	142	158	192	164	15.54	cps
Molybdenum	98-1	342	317	350	336	5.16	cps
Neodymium	150-1	47	13	27	29	58.08	cps
Neodymium	150-2	7	13	30	17	72.11	cps
Nickel	60-2	277	243	247	256	7.18	cps
Phosphorus	31-2	58	75	58	64	15.05	cps
Potassium	39-2	41760	41910	42604	42091	1.07	cps
Rhodium	103-1	1884813	1871704	1865531	1874016	0.53	cps
Rhodium	103-2	893557	897569	899682	896936	0.35	cps
Scandium	45-1	2003924	1899050	1873746	1925574	3.58	cps
Scandium	45-2	93851	94290	94656	94266	0.43	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	22	22	30	25	17.33	cps
Selenium	82-1	4	9	8	7	39.84	cps
Silicon	28-1	4579471	4521009	4458918	4519800	1.33	cps
Silver	109-1	317	408	367	364	12.61	cps
Silver	107-1	367	450	242	353	29.72	cps
Sodium	23-2	145239	144970	147207	145805	0.84	cps
Strontium	86-1	171124	170097	166158	169126	1.55	cps
Strontium	88-1	1452023	1426943	1408847	1429271	1.52	cps
Sulfur	34-1	181011	179249	178154	179471	0.80	cps
Terbium	159-1	2871021	2811552	2826177	2836250	1.09	cps
Terbium	159-2	1320847	1316929	1321313	1319696	0.18	cps
Thallium	203-1	75	58	33	56	37.75	cps
Thallium	205-1	133	92	75	100	30.05	cps
Thorium	232-1	194	217	183	198	8.56	cps
Tin	118-1	350	375	308	344	9.78	cps
Titanium	47-1	217	225	200	214	5.96	cps
Uranium	238-1	2092	1675	1850	1872	11.18	cps
Vanadium	51-2	107	87	97	97	10.34	cps
Yttrium	89-1	2676900	2636580	2634835	2649438	0.90	cps
Yttrium	89-2	376829	376944	378178	377317	0.20	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-04LX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 19:44:13	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	597	510	547	551	7.89	cps
Zirconium	90-1	1225	1242	1092	1186	6.93	cps
Zirconium	91-1	200	375	275	283	30.99	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3636-05 Instrumnet Name : P7
 Client Sample ID : SP19-JMW0991MS Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 19:47:49 DataFile Name : 097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	345065	343148	346870	345028	0.54	cps
Antimony	121-1	974574	971030	976519	974041	0.29	cps
Arsenic	75-2	42408	43084	44078	43190	1.94	cps
Barium	135-1	1385927	1418495	1437963	1414128	1.86	cps
Barium	137-1	2487892	2493793	2517101	2499595	0.62	cps
Beryllium	9-1	405554	406719	407142	406472	0.20	cps
Bismuth	209-1	1312851	1318631	1328961	1320148	0.62	cps
Bismuth	209-2	705460	704031	713232	707574	0.70	cps
Boron	10-1	72365	75438	74182	73995	2.09	cps
Boron	11-1	316557	322306	323790	320884	1.19	cps
Cadmium	111-1	256527	255487	258238	256751	0.54	cps
Cadmium	106-1	29548	29565	30359	29824	1.55	cps
Cadmium	108-1	20277	20440	19847	20188	1.52	cps
Calcium	43-1	2185459	2215350	2227029	2209279	0.97	cps
Calcium	44-1	34911187	35636594	35889672	35479151	1.43	cps
Chromium	52-2	443498	443927	448676	445367	0.65	cps
Cobalt	59-2	598650	599848	602726	600408	0.35	cps
Copper	63-2	715625	718384	713066	715692	0.37	cps
Dysprosium	156-1	192	167	192	183	7.88	cps
Dysprosium	156-2	107	103	113	108	4.72	cps
Erbium	164-1	192	167	233	197	17.08	cps
Erbium	164-2	107	87	70	88	20.92	cps
Gadolinium	160-1	208	150	183	181	16.21	cps
Gadolinium	160-2	97	123	130	117	15.12	cps
Holmium	165-1	2568493	2656276	2664138	2629636	2.02	cps
Holmium	165-2	1227518	1238177	1254421	1240039	1.09	cps
Indium	115-1	1654807	1682765	1701799	1679790	1.41	cps
Indium	115-2	348693	351444	353628	351255	0.70	cps
Iron	56-2	22346938	21992922	22175244	22171701	0.80	cps
Iron	57-2	594362	593427	600425	596072	0.64	cps
Krypton	83-1	133	127	77	112	27.60	cps
Lead	206-1	743989	758945	741428	748120	1.26	cps
Lead	207-1	659985	675319	670755	668686	1.18	cps
Lead	208-1	3002761	3065290	3046181	3038077	1.05	cps
Lithium	6-1	1138207	1158673	1162116	1152999	1.12	cps
Magnesium	24-2	8140884	7932522	7990138	8021182	1.34	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-05	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991MS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:47:49	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1620372	1634391	1644412	1633058	0.74	cps
Molybdenum	94-1	2472874	2525054	2513885	2503938	1.10	cps
Molybdenum	95-1	3062489	3076854	3092076	3077140	0.48	cps
Molybdenum	96-1	3375436	3389146	3406182	3390255	0.45	cps
Molybdenum	97-1	1898804	1916724	1912090	1909206	0.49	cps
Molybdenum	98-1	4881798	4918919	4932554	4911091	0.53	cps
Neodymium	150-1	340	353	253	316	17.21	cps
Neodymium	150-2	57	63	87	69	22.87	cps
Nickel	60-2	148032	148038	149664	148578	0.63	cps
Phosphorus	31-2	108	83	117	103	16.88	cps
Potassium	39-2	1979824	1947054	1934545	1953808	1.20	cps
Rhodium	103-1	1622340	1666312	1669432	1652695	1.59	cps
Rhodium	103-2	814768	818220	823617	818868	0.54	cps
Scandium	45-1	1765943	1791420	1796962	1784775	0.93	cps
Scandium	45-2	89176	88362	89689	89076	0.75	cps
Selenium	77-2	1133	1113	1140	1129	1.23	cps
Selenium	78-2	3926	4075	3919	3973	2.21	cps
Selenium	82-1	24589	24524	24539	24551	0.14	cps
Silicon	28-1	21621433	21986429	22202409	21936757	1.34	cps
Silver	109-1	1070219	1077265	1074963	1074149	0.33	cps
Silver	107-1	1127855	1120522	1121567	1123315	0.35	cps
Sodium	23-2	8695884	8582379	8631287	8636517	0.66	cps
Strontium	86-1	1153922	1150788	1161239	1155317	0.46	cps
Strontium	88-1	9969681	10198973	10180395	10116350	1.26	cps
Sulfur	34-1	240433	240434	240350	240406	0.02	cps
Terbium	159-1	2644464	2691050	2710487	2682000	1.27	cps
Terbium	159-2	1247490	1263985	1263593	1258356	0.75	cps
Thallium	203-1	886049	892274	890709	889677	0.36	cps
Thallium	205-1	2180789	2218495	2193420	2197568	0.87	cps
Thorium	232-1	850	789	906	848	6.88	cps
Tin	118-1	799558	797781	803972	800437	0.40	cps
Titanium	47-1	1067201	1075446	1081705	1074784	0.68	cps
Uranium	238-1	3590004	3602797	3672003	3621601	1.22	cps
Vanadium	51-2	388750	384147	388213	387037	0.65	cps
Yttrium	89-1	2412672	2465241	2466933	2448282	1.26	cps
Yttrium	89-2	357539	356085	357361	356995	0.22	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-05	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991MS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:47:49	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	105262	106279	106858	106133	0.76	cps
Zirconium	90-1	2109097	2132695	2146376	2129389	0.89	cps
Zirconium	91-1	459982	456815	455854	457550	0.47	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-06	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:51:26	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	336591	334693	334667	335317	0.33	cps
Antimony	121-1	948849	950325	952701	950625	0.20	cps
Arsenic	75-2	41570	41518	41754	41614	0.30	cps
Barium	135-1	1377678	1383105	1399615	1386799	0.82	cps
Barium	137-1	2470951	2494487	2479818	2481752	0.48	cps
Beryllium	9-1	389775	389410	389821	389669	0.06	cps
Bismuth	209-1	1344439	1350411	1346399	1347083	0.23	cps
Bismuth	209-2	714028	723620	716872	718173	0.69	cps
Boron	10-1	74936	74592	75305	74944	0.48	cps
Boron	11-1	324308	325501	331448	327086	1.17	cps
Cadmium	111-1	250392	249861	249556	249936	0.17	cps
Cadmium	106-1	28997	29239	29022	29086	0.46	cps
Cadmium	108-1	20002	20090	19777	19956	0.81	cps
Calcium	43-1	2197064	2219634	2222988	2213229	0.64	cps
Calcium	44-1	35359224	35727902	35892813	35659980	0.77	cps
Chromium	52-2	428819	429029	429217	429022	0.05	cps
Cobalt	59-2	575294	579979	579835	578369	0.46	cps
Copper	63-2	701962	709213	710109	707095	0.63	cps
Dysprosium	156-1	183	192	208	194	6.55	cps
Dysprosium	156-2	90	133	117	113	19.29	cps
Erbium	164-1	158	150	208	172	18.32	cps
Erbium	164-2	87	93	97	92	5.52	cps
Gadolinium	160-1	100	167	183	150	29.40	cps
Gadolinium	160-2	120	130	103	118	11.43	cps
Holmium	165-1	2672294	2701512	2690594	2688133	0.55	cps
Holmium	165-2	1227132	1255158	1254185	1245492	1.28	cps
Indium	115-1	1699861	1720291	1726576	1715576	0.81	cps
Indium	115-2	352369	354668	355947	354328	0.51	cps
Iron	56-2	21965482	21845085	21969648	21926738	0.32	cps
Iron	57-2	589058	592744	593424	591742	0.40	cps
Krypton	83-1	117	97	130	114	14.66	cps
Lead	206-1	724367	723640	722401	723469	0.14	cps
Lead	207-1	652964	653179	655527	653890	0.22	cps
Lead	208-1	2960952	2970392	2958883	2963409	0.21	cps
Lithium	6-1	1133286	1132239	1131602	1132376	0.08	cps
Magnesium	24-2	5415686	5420548	5348521	5394918	0.75	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-06	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:51:26	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1622697	1634259	1635561	1630839	0.43	cps
Molybdenum	94-1	2451790	2459547	2443771	2451702	0.32	cps
Molybdenum	95-1	3012138	3053610	3032824	3032857	0.68	cps
Molybdenum	96-1	3343804	3368590	3366434	3359609	0.41	cps
Molybdenum	97-1	1876352	1886920	1892839	1885370	0.44	cps
Molybdenum	98-1	4892224	4895432	4898057	4895238	0.06	cps
Neodymium	150-1	253	333	320	302	14.18	cps
Neodymium	150-2	70	77	57	68	15.02	cps
Nickel	60-2	141344	143383	143978	142902	0.97	cps
Phosphorus	31-2	58	58	83	67	21.65	cps
Potassium	39-2	1930704	1911767	1907188	1916553	0.65	cps
Rhodium	103-1	1672632	1675108	1686332	1678024	0.44	cps
Rhodium	103-2	817505	827542	829808	824952	0.79	cps
Scandium	45-1	1790896	1786433	1795722	1791017	0.26	cps
Scandium	45-2	89307	89954	88499	89253	0.82	cps
Selenium	77-2	1107	1250	1237	1198	6.61	cps
Selenium	78-2	3702	3860	3914	3825	2.87	cps
Selenium	82-1	24377	24137	24146	24220	0.56	cps
Silicon	28-1	21735215	22155270	22280511	22056999	1.29	cps
Silver	109-1	1040175	1040354	1049769	1043433	0.53	cps
Silver	107-1	1087902	1093085	1097820	1092936	0.45	cps
Sodium	23-2	8475289	8502542	8419613	8465815	0.50	cps
Strontium	86-1	1150471	1162750	1148807	1154009	0.66	cps
Strontium	88-1	10031180	10185676	10147464	10121440	0.80	cps
Sulfur	34-1	229863	234077	234245	232729	1.07	cps
Terbium	159-1	2706133	2707341	2749866	2721113	0.92	cps
Terbium	159-2	1254849	1266534	1275939	1265774	0.83	cps
Thallium	203-1	871735	874376	867674	871262	0.39	cps
Thallium	205-1	2112536	2158290	2146423	2139083	1.11	cps
Thorium	232-1	472	533	511	506	6.12	cps
Tin	118-1	797107	799283	811873	802754	0.99	cps
Titanium	47-1	1053190	1057612	1057741	1056181	0.25	cps
Uranium	238-1	3467545	3512448	3507135	3495709	0.70	cps
Vanadium	51-2	368775	369600	368492	368955	0.16	cps
Yttrium	89-1	2475842	2493227	2490215	2486428	0.37	cps
Yttrium	89-2	356270	356624	356170	356355	0.07	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-06	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:51:26	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	104356	105971	104957	105095	0.78	cps
Zirconium	90-1	2029763	2059308	2059230	2049434	0.83	cps
Zirconium	91-1	439863	446202	441679	442581	0.74	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-04A	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991A	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:55:02	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	338986	333006	336714	336236	0.90	cps
Antimony	121-1	961055	966517	958929	962167	0.41	cps
Arsenic	75-2	41858	42196	43064	42373	1.47	cps
Barium	135-1	1386618	1405352	1427006	1406325	1.44	cps
Barium	137-1	2518753	2537781	2524643	2527059	0.39	cps
Beryllium	9-1	396673	398764	393616	396351	0.65	cps
Bismuth	209-1	1333505	1350331	1345278	1343038	0.64	cps
Bismuth	209-2	690030	704987	688927	694648	1.29	cps
Boron	10-1	74274	76628	77306	76069	2.09	cps
Boron	11-1	324332	334992	332736	330687	1.70	cps
Cadmium	111-1	253764	254627	254641	254344	0.20	cps
Cadmium	106-1	30058	29623	28872	29518	2.03	cps
Cadmium	108-1	20198	21212	19539	20316	4.15	cps
Calcium	43-1	2193172	2223123	2205455	2207250	0.68	cps
Calcium	44-1	35363934	35602094	35095123	35353717	0.72	cps
Chromium	52-2	432711	433918	437292	434640	0.55	cps
Cobalt	59-2	584574	584484	593272	587444	0.86	cps
Copper	63-2	703347	712061	712522	709310	0.73	cps
Dysprosium	156-1	192	150	158	167	13.23	cps
Dysprosium	156-2	173	107	90	123	35.75	cps
Erbium	164-1	117	158	192	156	24.16	cps
Erbium	164-2	83	103	77	88	15.81	cps
Gadolinium	160-1	158	117	117	131	18.43	cps
Gadolinium	160-2	123	130	147	133	9.01	cps
Holmium	165-1	2661938	2714285	2726169	2700798	1.27	cps
Holmium	165-2	1193701	1234262	1210482	1212815	1.68	cps
Indium	115-1	1697619	1716466	1728416	1714167	0.91	cps
Indium	115-2	336922	348211	341132	342088	1.67	cps
Iron	56-2	21952046	21754850	21799996	21835630	0.47	cps
Iron	57-2	588452	586294	587214	587320	0.18	cps
Krypton	83-1	103	150	97	117	24.90	cps
Lead	206-1	738186	748996	746711	744631	0.77	cps
Lead	207-1	662344	675275	670894	669505	0.98	cps
Lead	208-1	2996501	3050740	3040743	3029328	0.95	cps
Lithium	6-1	1112311	1116614	1114801	1114576	0.19	cps
Magnesium	24-2	6827010	6723593	6745162	6765255	0.81	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-04A	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991A	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:55:02	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1602458	1608139	1614107	1608235	0.36	cps
Molybdenum	94-1	2495421	2499900	2500500	2498607	0.11	cps
Molybdenum	95-1	3062778	3080031	3081086	3074632	0.33	cps
Molybdenum	96-1	3390318	3411737	3397277	3399777	0.32	cps
Molybdenum	97-1	1903860	1910888	1916041	1910263	0.32	cps
Molybdenum	98-1	4896509	4968573	4944372	4936485	0.74	cps
Neodymium	150-1	347	313	220	293	22.38	cps
Neodymium	150-2	80	107	77	88	18.73	cps
Nickel	60-2	142276	144345	144951	143857	0.98	cps
Phosphorus	31-2	75	108	133	106	27.73	cps
Potassium	39-2	1912133	1896648	1929585	1912789	0.86	cps
Rhodium	103-1	1687292	1691826	1688574	1689231	0.14	cps
Rhodium	103-2	792772	816576	799493	802947	1.53	cps
Scandium	45-1	1803675	1804131	1792733	1800180	0.36	cps
Scandium	45-2	86387	87866	86045	86766	1.12	cps
Selenium	77-2	1123	1193	1247	1188	5.21	cps
Selenium	78-2	3813	3914	3938	3888	1.69	cps
Selenium	82-1	24514	24426	24383	24441	0.27	cps
Silicon	28-1	21832783	22129127	22180102	22047337	0.85	cps
Silver	109-1	1062918	1069494	1068760	1067057	0.34	cps
Silver	107-1	1107250	1113799	1107441	1109497	0.34	cps
Sodium	23-2	8477030	8395856	8441440	8438109	0.48	cps
Strontium	86-1	1156773	1165454	1148722	1156983	0.72	cps
Strontium	88-1	10113756	10220765	10131484	10155335	0.56	cps
Sulfur	34-1	234356	236605	229549	233503	1.54	cps
Terbium	159-1	2722483	2761613	2735796	2739964	0.73	cps
Terbium	159-2	1219693	1254552	1226545	1233597	1.50	cps
Thallium	203-1	884994	891399	888017	888137	0.36	cps
Thallium	205-1	2180753	2216868	2196184	2197935	0.82	cps
Thorium	232-1	361	406	417	394	7.45	cps
Tin	118-1	799691	800768	802317	800925	0.16	cps
Titanium	47-1	1061937	1080591	1052113	1064880	1.36	cps
Uranium	238-1	3579583	3600721	3563339	3581214	0.52	cps
Vanadium	51-2	375054	375777	380190	377007	0.74	cps
Yttrium	89-1	2481592	2506854	2507248	2498564	0.59	cps
Yttrium	89-2	343667	352876	344845	347129	1.44	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-04A	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991A	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:55:02	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	105098	105393	106166	105553	0.52	cps
Zirconium	90-1	2092900	2102257	2103303	2099487	0.27	cps
Zirconium	91-1	451067	457209	456517	454931	0.74	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-11	Instrumnet Name :	P7
Client Sample ID :	SP19-MMW0018B	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:58:39	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1475	1400	1275	1383	7.30	cps
Antimony	121-1	1567	1709	1575	1617	4.92	cps
Arsenic	75-2	37	26	37	33	19.24	cps
Barium	135-1	8294	8336	8720	8450	2.77	cps
Barium	137-1	14708	13757	14750	14405	3.90	cps
Beryllium	9-1	157	133	100	130	21.91	cps
Bismuth	209-1	1397702	1385038	1412962	1398567	1.00	cps
Bismuth	209-2	726456	732382	731562	730133	0.44	cps
Boron	10-1	5126	5485	5159	5257	3.77	cps
Boron	11-1	24746	24053	22985	23928	3.71	cps
Cadmium	111-1	779	795	755	776	2.60	cps
Cadmium	106-1	850	800	808	820	3.27	cps
Cadmium	108-1	17	4	4	8	86.57	cps
Calcium	43-1	645205	636344	651568	644372	1.19	cps
Calcium	44-1	10590402	10599011	10737987	10642467	0.78	cps
Chromium	52-2	1720	1837	1737	1765	3.58	cps
Cobalt	59-2	110	103	157	123	23.56	cps
Copper	63-2	2417	2500	2464	2460	1.70	cps
Dysprosium	156-1	42	33	50	42	20.00	cps
Dysprosium	156-2	23	27	30	27	12.51	cps
Erbium	164-1	8	50	33	31	68.64	cps
Erbium	164-2	17	20	20	19	10.18	cps
Gadolinium	160-1	42	33	58	44	28.65	cps
Gadolinium	160-2	37	50	77	54	37.41	cps
Holmium	165-1	2645074	2635995	2693347	2658138	1.16	cps
Holmium	165-2	1217790	1208197	1224161	1216716	0.66	cps
Indium	115-1	1732673	1742141	1769765	1748193	1.10	cps
Indium	115-2	352949	356921	360966	356945	1.12	cps
Iron	56-2	33667	34580	34035	34094	1.35	cps
Iron	57-2	5585	5618	5568	5590	0.46	cps
Krypton	83-1	113	57	100	90	32.92	cps
Lead	206-1	878	961	872	904	5.51	cps
Lead	207-1	817	739	650	735	11.34	cps
Lead	208-1	3689	3500	3200	3463	7.12	cps
Lithium	6-1	1070838	1061917	1074752	1069169	0.62	cps
Magnesium	24-2	775327	772747	778986	775687	0.40	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-11	Instrumnet Name :	P7
Client Sample ID :	SP19-MMW0018B	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:58:39	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1273	1207	1287	1256	3.41	cps
Molybdenum	94-1	817	717	675	736	9.89	cps
Molybdenum	95-1	958	767	617	781	21.94	cps
Molybdenum	96-1	942	767	575	761	24.10	cps
Molybdenum	97-1	633	583	483	567	13.48	cps
Molybdenum	98-1	1475	1117	1033	1208	19.42	cps
Neodymium	150-1	40	67	53	53	25.00	cps
Neodymium	150-2	27	13	20	20	33.35	cps
Nickel	60-2	120	107	130	119	9.84	cps
Phosphorus	31-2	42	58	42	47	20.38	cps
Potassium	39-2	60256	61411	62340	61336	1.70	cps
Rhodium	103-1	1701971	1717963	1749336	1723090	1.40	cps
Rhodium	103-2	830262	832148	840172	834194	0.63	cps
Scandium	45-1	1735676	1710886	1729207	1725256	0.75	cps
Scandium	45-2	84241	85082	85407	84910	0.71	cps
Selenium	77-2	0	7	7	4	86.60	cps
Selenium	78-2	33	31	26	30	12.73	cps
Selenium	82-1	9	68	-1	25	148.30	cps
Silicon	28-1	7268901	7324441	7312097	7301813	0.40	cps
Silver	109-1	592	592	633	606	3.97	cps
Silver	107-1	750	683	617	683	9.76	cps
Sodium	23-2	291200	294767	295685	293884	0.81	cps
Strontium	86-1	290639	292054	293882	292192	0.56	cps
Strontium	88-1	2538096	2535978	2591756	2555277	1.24	cps
Sulfur	34-1	188232	187650	187398	187760	0.23	cps
Terbium	159-1	2675853	2686376	2732432	2698220	1.12	cps
Terbium	159-2	1222843	1234527	1236062	1231144	0.59	cps
Thallium	203-1	350	383	200	311	31.39	cps
Thallium	205-1	992	733	567	764	28.03	cps
Thorium	232-1	306	294	311	304	2.79	cps
Tin	118-1	3492	3117	3276	3295	5.72	cps
Titanium	47-1	900	875	658	811	16.39	cps
Uranium	238-1	2159	2225	2092	2159	3.09	cps
Vanadium	51-2	413	433	390	412	5.26	cps
Yttrium	89-1	2438894	2451885	2472824	2454534	0.70	cps
Yttrium	89-2	346121	349259	350965	348782	0.70	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-11	Instrumnet Name :	P7
Client Sample ID :	SP19-MMW0018B	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 19:58:39	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1257	1360	1323	1313	3.99	cps
Zirconium	90-1	867	775	767	803	6.91	cps
Zirconium	91-1	250	183	167	200	22.05	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P7
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 20:04:34	DataFile Name :	101CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1657924	1683048	1663238	1668070	0.79	cps
Antimony	121-1	851456	854035	843964	849818	0.62	cps
Arsenic	75-2	36431	37162	36453	36682	1.13	cps
Barium	135-1	1199333	1204943	1198764	1201013	0.28	cps
Barium	137-1	2161702	2143518	2157244	2154154	0.44	cps
Beryllium	9-1	372796	369114	369277	370395	0.56	cps
Bismuth	209-1	1188955	1175627	1219043	1194541	1.86	cps
Bismuth	209-2	663875	688491	678420	676928	1.83	cps
Boron	10-1	64212	64889	65308	64803	0.85	cps
Boron	11-1	278103	278577	279750	278810	0.30	cps
Cadmium	111-1	246760	241737	241184	243227	1.26	cps
Cadmium	106-1	28563	28337	29147	28683	1.46	cps
Cadmium	108-1	19518	19605	19051	19391	1.54	cps
Calcium	43-1	2235742	2232791	2222237	2230257	0.32	cps
Calcium	44-1	35937988	35972605	35595334	35835309	0.58	cps
Chromium	52-2	404124	417447	411474	411015	1.62	cps
Cobalt	59-2	528012	540432	529008	532484	1.30	cps
Copper	63-2	651492	664874	659387	658584	1.02	cps
Dysprosium	156-1	33	25	33	31	15.74	cps
Dysprosium	156-2	43	23	23	30	38.49	cps
Erbium	164-1	17	0	17	11	86.60	cps
Erbium	164-2	0	3	7	3	100.05	cps
Gadolinium	160-1	42	42	25	36	26.65	cps
Gadolinium	160-2	30	33	53	39	32.45	cps
Holmium	165-1	2536901	2525356	2538838	2533698	0.29	cps
Holmium	165-2	1214640	1231130	1228748	1224839	0.73	cps
Indium	115-1	1589668	1585512	1592858	1589346	0.23	cps
Indium	115-2	343027	349848	349472	347449	1.10	cps
Iron	56-2	71148464	71578327	70603961	71110251	0.69	cps
Iron	57-2	1808266	1820991	1805305	1811521	0.46	cps
Krypton	83-1	77	53	90	73	25.31	cps
Lead	206-1	663224	652273	648359	654619	1.18	cps
Lead	207-1	579236	575358	574462	576352	0.44	cps
Lead	208-1	2666579	2653399	2638387	2652788	0.53	cps
Lithium	6-1	968640	951637	955145	958474	0.94	cps
Magnesium	24-2	17912339	18115398	17803550	17943763	0.88	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P7
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 20:04:34	DataFile Name :	101CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	469301	483276	476904	476494	1.47	cps
Molybdenum	94-1	2479471	2465130	2439845	2461482	0.82	cps
Molybdenum	95-1	3054641	3023629	3015408	3031226	0.68	cps
Molybdenum	96-1	3363023	3346967	3376527	3362172	0.44	cps
Molybdenum	97-1	1885588	1890315	1886036	1887313	0.14	cps
Molybdenum	98-1	4894702	4917307	4900517	4904176	0.24	cps
Neodymium	150-1	100	113	107	107	6.25	cps
Neodymium	150-2	20	27	37	28	30.20	cps
Nickel	60-2	134366	136946	134261	135191	1.12	cps
Phosphorus	31-2	18963	18387	18938	18762	1.73	cps
Potassium	39-2	8483135	8554381	8414910	8484142	0.82	cps
Rhodium	103-1	1530812	1548217	1531014	1536681	0.65	cps
Rhodium	103-2	754635	768416	766324	763125	0.97	cps
Scandium	45-1	1706022	1681833	1690554	1692803	0.72	cps
Scandium	45-2	83578	86537	85287	85134	1.75	cps
Selenium	77-2	1110	1120	937	1056	9.77	cps
Selenium	78-2	3778	3871	3882	3844	1.48	cps
Selenium	82-1	22595	22481	22405	22494	0.43	cps
Silicon	28-1	1095532	1089257	1097739	1094176	0.40	cps
Silver	109-1	1077802	1072395	1076752	1075650	0.27	cps
Silver	107-1	1136917	1118354	1118793	1124688	0.94	cps
Sodium	23-2	36247764	36631814	35803819	36227799	1.14	cps
Strontium	86-1	372651	371448	373226	372442	0.24	cps
Strontium	88-1	3250367	3237434	3227230	3238344	0.36	cps
Sulfur	34-1	309290	304451	301745	305162	1.25	cps
Terbium	159-1	2563291	2558936	2559899	2560708	0.09	cps
Terbium	159-2	1230637	1244491	1245776	1240301	0.68	cps
Thallium	203-1	804656	791003	795997	797219	0.87	cps
Thallium	205-1	1994455	1980906	1966128	1980496	0.72	cps
Thorium	232-1	3454876	3451765	3467558	3458066	0.24	cps
Tin	118-1	742683	737013	726364	735353	1.13	cps
Titanium	47-1	1019643	1015671	1005296	1013537	0.73	cps
Uranium	238-1	3336748	3344449	3312193	3331130	0.51	cps
Vanadium	51-2	351981	360732	356121	356278	1.23	cps
Yttrium	89-1	2330441	2322800	2354293	2335845	0.70	cps
Yttrium	89-2	343663	351696	349054	348138	1.18	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P7
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 20:04:34	DataFile Name :	101CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	105897	108442	109506	107949	1.72	cps
Zirconium	90-1	2055257	2054077	2056351	2055228	0.06	cps
Zirconium	91-1	445450	438174	435306	439643	1.19	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P7
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 20:08:54	DataFile Name :	102CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	42	33	78	89.86	cps
Antimony	121-1	458	592	458	503	15.31	cps
Arsenic	75-2	4	11	4	6	69.34	cps
Barium	135-1	92	33	42	56	56.79	cps
Barium	137-1	133	42	25	67	87.50	cps
Beryllium	9-1	83	87	100	90	9.80	cps
Bismuth	209-1	1395497	1366963	1392760	1385073	1.14	cps
Bismuth	209-2	748559	755370	760890	754940	0.82	cps
Boron	10-1	2692	2634	2517	2614	3.41	cps
Boron	11-1	12464	11863	12089	12139	2.50	cps
Cadmium	111-1	592	550	455	533	13.15	cps
Cadmium	106-1	808	758	625	731	12.97	cps
Cadmium	108-1	4	8	4	6	43.22	cps
Calcium	43-1	217	100	158	158	36.84	cps
Calcium	44-1	4342	4459	3784	4195	8.60	cps
Chromium	52-2	303	197	290	263	22.07	cps
Cobalt	59-2	13	33	23	23	42.86	cps
Copper	63-2	387	263	270	307	22.62	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	0	8	8	6	86.60	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	8	17	8	11	43.34	cps
Gadolinium	160-2	23	40	27	30	29.40	cps
Holmium	165-1	2599301	2599303	2601036	2599880	0.04	cps
Holmium	165-2	1210986	1228061	1221810	1220286	0.71	cps
Indium	115-1	1759390	1740357	1741098	1746949	0.62	cps
Indium	115-2	370027	374329	372559	372305	0.58	cps
Iron	56-2	4245	3689	3795	3910	7.55	cps
Iron	57-2	167	183	133	161	15.80	cps
Krypton	83-1	87	57	83	76	21.76	cps
Lead	206-1	189	206	183	193	6.00	cps
Lead	207-1	239	278	217	244	12.66	cps
Lead	208-1	928	1006	872	935	7.16	cps
Lithium	6-1	1007408	994569	989299	997092	0.93	cps
Magnesium	24-2	575	633	625	611	5.16	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P7
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 20:08:54	DataFile Name :	102CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	30	40	33	34	14.78	cps
Molybdenum	94-1	433	342	333	369	15.02	cps
Molybdenum	95-1	400	367	317	361	11.62	cps
Molybdenum	96-1	583	325	492	467	28.06	cps
Molybdenum	97-1	258	258	283	267	5.41	cps
Molybdenum	98-1	825	625	408	619	33.64	cps
Neodymium	150-1	0	20	0	7	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	7	3	10	7	50.03	cps
Phosphorus	31-2	75	33	58	56	37.75	cps
Potassium	39-2	8503	8853	9312	8889	4.56	cps
Rhodium	103-1	1747470	1754710	1763149	1755110	0.45	cps
Rhodium	103-2	843328	851897	840944	845390	0.68	cps
Scandium	45-1	1767942	1759728	1729654	1752441	1.15	cps
Scandium	45-2	86574	86926	88033	87178	0.87	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	22	26	35	28	24.05	cps
Selenium	82-1	5	36	2	14	133.51	cps
Silicon	28-1	67879	68114	66590	67528	1.21	cps
Silver	109-1	300	283	333	306	8.33	cps
Silver	107-1	367	317	242	308	20.40	cps
Sodium	23-2	14541	14366	13298	14068	4.78	cps
Strontium	86-1	92	100	133	108	20.35	cps
Strontium	88-1	300	150	158	203	41.57	cps
Sulfur	34-1	136461	138447	133937	136282	1.66	cps
Terbium	159-1	2678207	2655714	2634485	2656136	0.82	cps
Terbium	159-2	1243600	1256102	1251423	1250375	0.51	cps
Thallium	203-1	192	117	117	142	30.57	cps
Thallium	205-1	575	375	350	433	28.46	cps
Thorium	232-1	478	517	444	480	7.54	cps
Tin	118-1	150	175	275	200	33.07	cps
Titanium	47-1	83	83	83	83	0.00	cps
Uranium	238-1	233	67	100	133	66.14	cps
Vanadium	51-2	20	23	10	18	39.03	cps
Yttrium	89-1	2459768	2453972	2444696	2452812	0.31	cps
Yttrium	89-2	347937	351763	356738	352146	1.25	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P7
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 20:08:54	DataFile Name :	102CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	73	137	83	98	34.83	cps
Zirconium	90-1	425	425	333	394	13.42	cps
Zirconium	91-1	100	50	92	81	33.25	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-04DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 20:12:44	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	167	192	194	15.05	cps
Antimony	121-1	1067	1183	950	1067	10.94	cps
Arsenic	75-2	406	385	415	402	3.77	cps
Barium	135-1	18680	18079	18980	18580	2.47	cps
Barium	137-1	31896	31336	30902	31378	1.59	cps
Beryllium	9-1	73	73	80	76	5.10	cps
Bismuth	209-1	1398238	1406521	1419129	1407963	0.75	cps
Bismuth	209-2	748667	758125	757668	754820	0.71	cps
Boron	10-1	2592	2384	2334	2436	5.63	cps
Boron	11-1	11321	10629	10329	10760	4.73	cps
Cadmium	111-1	643	626	572	614	6.03	cps
Cadmium	106-1	833	833	750	806	5.97	cps
Cadmium	108-1	4	4	4	4	0.00	cps
Calcium	43-1	342061	338515	347740	342772	1.36	cps
Calcium	44-1	5646875	5671441	5728376	5682231	0.74	cps
Chromium	52-2	577	560	623	587	5.60	cps
Cobalt	59-2	1327	1260	1253	1280	3.17	cps
Copper	63-2	927	837	893	886	5.14	cps
Dysprosium	156-1	58	0	67	42	87.18	cps
Dysprosium	156-2	17	10	17	14	26.66	cps
Erbium	164-1	42	33	42	39	12.38	cps
Erbium	164-2	3	23	10	12	83.33	cps
Gadolinium	160-1	58	58	83	67	21.65	cps
Gadolinium	160-2	63	60	67	63	5.27	cps
Holmium	165-1	2635791	2664367	2702759	2667639	1.26	cps
Holmium	165-2	1224975	1244011	1246464	1238483	0.95	cps
Indium	115-1	1762714	1773622	1774457	1770264	0.37	cps
Indium	115-2	366660	369037	375251	370316	1.20	cps
Iron	56-2	1463162	1477075	1486038	1475425	0.78	cps
Iron	57-2	40239	40211	38941	39797	1.86	cps
Krypton	83-1	67	70	110	82	29.33	cps
Lead	206-1	300	344	317	320	7.01	cps
Lead	207-1	294	311	261	289	8.81	cps
Lead	208-1	1167	1317	1161	1215	7.26	cps
Lithium	6-1	1024625	1024295	1034571	1027830	0.57	cps
Magnesium	24-2	292544	295400	295523	294489	0.57	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-04DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 20:12:44	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	233865	236801	237082	235916	0.76	cps
Molybdenum	94-1	475	583	508	522	10.63	cps
Molybdenum	95-1	267	342	258	289	15.89	cps
Molybdenum	96-1	375	442	408	408	8.16	cps
Molybdenum	97-1	192	183	275	217	23.39	cps
Molybdenum	98-1	392	425	358	392	8.51	cps
Neodymium	150-1	40	67	40	49	31.50	cps
Neodymium	150-2	3	20	10	11	75.52	cps
Nickel	60-2	290	217	267	258	14.54	cps
Phosphorus	31-2	83	33	67	61	41.67	cps
Potassium	39-2	37816	37674	38158	37883	0.66	cps
Rhodium	103-1	1740737	1751689	1772376	1754934	0.92	cps
Rhodium	103-2	840607	853713	862155	852158	1.27	cps
Scandium	45-1	1758374	1750319	1762651	1757114	0.36	cps
Scandium	45-2	86014	87215	87580	86936	0.94	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	9	24	19	17	43.29	cps
Selenium	82-1	30	23	-25	9	324.06	cps
Silicon	28-1	4195126	4199775	4261913	4218938	0.88	cps
Silver	109-1	383	350	267	333	18.03	cps
Silver	107-1	267	383	333	328	17.86	cps
Sodium	23-2	128563	130463	131546	130191	1.16	cps
Strontium	86-1	159990	160294	161244	160509	0.41	cps
Strontium	88-1	1361335	1351233	1339903	1350824	0.79	cps
Sulfur	34-1	162644	163133	161726	162501	0.44	cps
Terbium	159-1	2684480	2680298	2744237	2703005	1.32	cps
Terbium	159-2	1257872	1264881	1281009	1267921	0.94	cps
Thallium	203-1	233	167	192	197	17.08	cps
Thallium	205-1	425	367	350	381	10.35	cps
Thorium	232-1	306	289	233	276	13.71	cps
Tin	118-1	333	258	475	356	30.95	cps
Titanium	47-1	142	275	192	203	33.23	cps
Uranium	238-1	1742	1775	2100	1872	10.57	cps
Vanadium	51-2	67	80	70	72	9.61	cps
Yttrium	89-1	2471230	2490682	2506983	2489632	0.72	cps
Yttrium	89-2	350409	355520	361655	355861	1.58	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-04DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 20:12:44	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	473	420	467	453	6.41	cps
Zirconium	90-1	1258	1100	1083	1147	8.42	cps
Zirconium	91-1	392	225	225	281	34.30	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3636-04DUPDLX5 Instrumnet Name : P7
 Client Sample ID : SP19-JMW0991DUPDL Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 20:16:22 DataFile Name : 104SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	225	200	203	10.34	cps
Antimony	121-1	550	533	483	522	6.64	cps
Arsenic	75-2	389	376	402	389	3.33	cps
Barium	135-1	18964	18797	19590	19117	2.19	cps
Barium	137-1	33257	30927	31712	31966	3.71	cps
Beryllium	9-1	60	70	50	60	16.67	cps
Bismuth	209-1	1439478	1425852	1433499	1432943	0.48	cps
Bismuth	209-2	751689	754545	757171	754468	0.36	cps
Boron	10-1	2117	2075	1909	2034	5.42	cps
Boron	11-1	8678	8061	8344	8361	3.69	cps
Cadmium	111-1	552	567	650	590	9.01	cps
Cadmium	106-1	767	767	900	811	9.49	cps
Cadmium	108-1	8	4	13	8	49.98	cps
Calcium	43-1	348311	335070	335970	339784	2.18	cps
Calcium	44-1	5686976	5623773	5629629	5646792	0.62	cps
Chromium	52-2	470	497	453	473	4.62	cps
Cobalt	59-2	1023	1087	1180	1097	7.19	cps
Copper	63-2	780	780	783	781	0.25	cps
Dysprosium	156-1	33	42	25	33	25.01	cps
Dysprosium	156-2	13	13	30	19	50.96	cps
Erbium	164-1	25	42	25	31	31.50	cps
Erbium	164-2	17	27	13	19	36.75	cps
Gadolinium	160-1	75	58	17	50	60.09	cps
Gadolinium	160-2	60	70	47	59	19.88	cps
Holmium	165-1	2697711	2692604	2671560	2687292	0.52	cps
Holmium	165-2	1233133	1233027	1241990	1236050	0.42	cps
Indium	115-1	1785642	1781822	1779395	1782286	0.18	cps
Indium	115-2	368189	370728	371054	369990	0.42	cps
Iron	56-2	1465690	1478720	1486345	1476918	0.71	cps
Iron	57-2	40278	39710	39599	39862	0.91	cps
Krypton	83-1	80	57	70	69	16.99	cps
Lead	206-1	306	300	311	306	1.82	cps
Lead	207-1	250	178	150	193	26.80	cps
Lead	208-1	1011	1128	1117	1085	5.93	cps
Lithium	6-1	1038152	1024955	1023940	1029016	0.77	cps
Magnesium	24-2	292524	291455	291713	291897	0.19	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-04DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 20:16:22	DataFile Name :	104SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	234096	237045	236205	235782	0.64	cps
Molybdenum	94-1	558	558	467	528	10.03	cps
Molybdenum	95-1	208	233	167	203	16.61	cps
Molybdenum	96-1	450	333	300	361	21.81	cps
Molybdenum	97-1	175	108	117	133	27.24	cps
Molybdenum	98-1	467	283	308	353	28.18	cps
Neodymium	150-1	53	27	40	40	33.33	cps
Neodymium	150-2	20	10	20	17	34.64	cps
Nickel	60-2	273	287	300	287	4.65	cps
Phosphorus	31-2	17	42	42	33	43.30	cps
Potassium	39-2	37632	38183	38225	38013	0.87	cps
Rhodium	103-1	1781389	1773016	1765417	1773274	0.45	cps
Rhodium	103-2	842713	846056	854130	847633	0.69	cps
Scandium	45-1	1768295	1739669	1745236	1751067	0.87	cps
Scandium	45-2	85287	86665	87879	86610	1.50	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	39	13	7	20	85.07	cps
Selenium	82-1	18	33	32	28	32.07	cps
Silicon	28-1	4230638	4181251	4205164	4205684	0.59	cps
Silver	109-1	183	208	233	208	12.00	cps
Silver	107-1	158	217	233	203	19.42	cps
Sodium	23-2	130942	129092	131344	130459	0.92	cps
Strontium	86-1	165721	159889	159359	161656	2.18	cps
Strontium	88-1	1370348	1339644	1353860	1354617	1.13	cps
Sulfur	34-1	168484	163227	168332	166681	1.79	cps
Terbium	159-1	2740954	2708453	2737178	2728862	0.65	cps
Terbium	159-2	1257896	1262404	1268584	1262961	0.42	cps
Thallium	203-1	133	92	92	106	22.79	cps
Thallium	205-1	83	192	200	158	41.11	cps
Thorium	232-1	128	178	167	157	16.68	cps
Tin	118-1	283	333	325	314	8.53	cps
Titanium	47-1	217	200	200	206	4.68	cps
Uranium	238-1	1934	1742	1975	1884	6.61	cps
Vanadium	51-2	80	83	93	86	8.12	cps
Yttrium	89-1	2499345	2485434	2513946	2499575	0.57	cps
Yttrium	89-2	349369	352156	355570	352365	0.88	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-04DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 20:16:22	DataFile Name :	104SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	440	400	430	423	4.92	cps
Zirconium	90-1	1058	1033	1092	1061	2.76	cps
Zirconium	91-1	250	267	242	253	5.04	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-04LDLX25	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991LDL	Dilution Factor :	25
Date & Time Acquired ::	2019-07-19 20:19:59	DataFile Name :	105SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	33	42	39	12.38	cps
Antimony	121-1	67	125	83	92	32.78	cps
Arsenic	75-2	104	100	78	94	14.94	cps
Barium	135-1	3717	3717	3576	3670	2.23	cps
Barium	137-1	6610	6327	6060	6332	4.35	cps
Beryllium	9-1	20	40	43	34	36.64	cps
Bismuth	209-1	1401508	1405745	1410850	1406034	0.33	cps
Bismuth	209-2	747010	746458	753870	749112	0.55	cps
Boron	10-1	1092	1142	1150	1128	2.80	cps
Boron	11-1	4826	4334	4351	4504	6.20	cps
Cadmium	111-1	530	522	532	528	1.06	cps
Cadmium	106-1	750	733	758	747	1.70	cps
Cadmium	108-1	4	0	4	3	86.60	cps
Calcium	43-1	68701	67127	66299	67376	1.81	cps
Calcium	44-1	1093163	1085874	1074855	1084631	0.85	cps
Chromium	52-2	303	293	377	324	14.03	cps
Cobalt	59-2	277	227	253	252	9.92	cps
Copper	63-2	353	347	343	348	1.46	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	10	7	0	6	91.64	cps
Erbium	164-1	8	8	0	6	86.60	cps
Erbium	164-2	13	3	3	7	86.65	cps
Gadolinium	160-1	8	25	25	19	49.50	cps
Gadolinium	160-2	50	47	50	49	3.93	cps
Holmium	165-1	2669386	2621640	2657417	2649481	0.94	cps
Holmium	165-2	1224702	1215638	1227026	1222455	0.49	cps
Indium	115-1	1759026	1752861	1756792	1756226	0.18	cps
Indium	115-2	367754	368778	370593	369042	0.39	cps
Iron	56-2	301662	300879	302533	301691	0.27	cps
Iron	57-2	8136	8297	7958	8130	2.09	cps
Krypton	83-1	77	73	67	72	7.05	cps
Lead	206-1	156	189	150	165	12.76	cps
Lead	207-1	200	206	144	183	18.43	cps
Lead	208-1	661	706	567	644	11.01	cps
Lithium	6-1	1022469	1017757	1008635	1016287	0.69	cps
Magnesium	24-2	58791	57980	59143	58638	1.02	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-04LDLX25	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991LDL	Dilution Factor :	25
Date & Time Acquired ::	2019-07-19 20:19:59	DataFile Name :	105SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	47319	47349	46925	47198	0.50	cps
Molybdenum	94-1	117	175	242	178	35.18	cps
Molybdenum	95-1	75	92	100	89	14.32	cps
Molybdenum	96-1	92	133	67	97	34.64	cps
Molybdenum	97-1	33	50	25	36	35.25	cps
Molybdenum	98-1	167	117	133	139	18.33	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	73	93	77	81	13.22	cps
Phosphorus	31-2	42	33	58	44	28.65	cps
Potassium	39-2	13673	14608	15016	14433	4.77	cps
Rhodium	103-1	1758896	1763639	1747392	1756642	0.48	cps
Rhodium	103-2	836174	846192	831602	837989	0.89	cps
Scandium	45-1	1793110	1756836	1743200	1764382	1.46	cps
Scandium	45-2	85811	86296	85770	85959	0.34	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	24	20	19	21	13.47	cps
Selenium	82-1	-4	13	6	5	165.39	cps
Silicon	28-1	845921	837341	830681	837981	0.91	cps
Silver	109-1	83	133	50	89	47.19	cps
Silver	107-1	83	100	142	108	27.73	cps
Sodium	23-2	36871	35075	35000	35649	2.97	cps
Strontium	86-1	32538	32178	31794	32170	1.16	cps
Strontium	88-1	279172	273954	267223	273450	2.19	cps
Sulfur	34-1	152129	152060	150611	151600	0.57	cps
Terbium	159-1	2711550	2663571	2667274	2680798	1.00	cps
Terbium	159-2	1248971	1245274	1235366	1243204	0.57	cps
Thallium	203-1	25	42	33	33	25.01	cps
Thallium	205-1	83	67	75	75	11.11	cps
Thorium	232-1	89	50	56	65	32.45	cps
Tin	118-1	192	100	142	144	31.78	cps
Titanium	47-1	108	108	75	97	19.80	cps
Uranium	238-1	458	317	392	389	18.23	cps
Vanadium	51-2	17	17	10	14	26.66	cps
Yttrium	89-1	2463506	2449658	2458777	2457314	0.29	cps
Yttrium	89-2	350862	354804	347986	351217	0.97	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-04LDLX25	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991LDL	Dilution Factor :	25
Date & Time Acquired ::	2019-07-19 20:19:59	DataFile Name :	105SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	143	120	130	131	8.93	cps
Zirconium	90-1	383	392	350	375	5.88	cps
Zirconium	91-1	92	83	67	81	15.80	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-05DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 20:23:36	DataFile Name :	106SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	68147	68817	69002	68655	0.66	cps
Antimony	121-1	195749	198519	197226	197164	0.70	cps
Arsenic	75-2	8480	8391	8988	8620	3.73	cps
Barium	135-1	278478	280487	276757	278574	0.67	cps
Barium	137-1	474699	477015	477941	476551	0.35	cps
Beryllium	9-1	82512	82643	82315	82490	0.20	cps
Bismuth	209-1	1380844	1382751	1383544	1382379	0.10	cps
Bismuth	209-2	731034	739363	747132	739176	1.09	cps
Boron	10-1	14441	15308	14966	14905	2.93	cps
Boron	11-1	64103	64497	65216	64605	0.87	cps
Cadmium	111-1	53882	53193	53604	53560	0.65	cps
Cadmium	106-1	6694	6593	6777	6688	1.37	cps
Cadmium	108-1	4117	3938	4001	4019	2.26	cps
Calcium	43-1	423749	416070	422491	420770	0.98	cps
Calcium	44-1	6857983	6960915	6892581	6903827	0.76	cps
Chromium	52-2	87685	87383	88132	87733	0.43	cps
Cobalt	59-2	118947	119770	119142	119286	0.36	cps
Copper	63-2	143398	142532	143744	143225	0.44	cps
Dysprosium	156-1	25	0	67	31	110.22	cps
Dysprosium	156-2	27	20	20	22	17.33	cps
Erbium	164-1	33	42	25	33	25.01	cps
Erbium	164-2	17	13	13	14	13.35	cps
Gadolinium	160-1	25	42	67	44	47.19	cps
Gadolinium	160-2	50	47	77	58	28.46	cps
Holmium	165-1	2656339	2639383	2656799	2650840	0.37	cps
Holmium	165-2	1211524	1240318	1233355	1228399	1.22	cps
Indium	115-1	1747257	1729130	1730796	1735728	0.58	cps
Indium	115-2	356394	363325	362041	360587	1.02	cps
Iron	56-2	4394860	4428720	4444249	4422610	0.57	cps
Iron	57-2	117303	118317	118749	118123	0.63	cps
Krypton	83-1	63	93	93	83	20.79	cps
Lead	206-1	152100	153791	151786	152559	0.71	cps
Lead	207-1	133285	135950	132953	134062	1.23	cps
Lead	208-1	603736	612407	604447	606863	0.79	cps
Lithium	6-1	1029798	1018757	1019627	1022727	0.60	cps
Magnesium	24-2	1554589	1563638	1575179	1564468	0.66	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-05DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 20:23:36	DataFile Name :	106SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	326550	330783	329910	329081	0.68	cps
Molybdenum	94-1	482149	486094	487607	485283	0.58	cps
Molybdenum	95-1	590975	598157	594781	594638	0.60	cps
Molybdenum	96-1	653868	661328	656777	657324	0.57	cps
Molybdenum	97-1	369666	369890	368680	369412	0.17	cps
Molybdenum	98-1	945793	943348	946039	945060	0.16	cps
Neodymium	150-1	67	47	47	53	21.65	cps
Neodymium	150-2	13	27	13	18	43.33	cps
Nickel	60-2	29440	29089	29159	29229	0.63	cps
Phosphorus	31-2	42	58	33	44	28.65	cps
Potassium	39-2	398827	401054	403348	401076	0.56	cps
Rhodium	103-1	1733324	1727149	1738638	1733037	0.33	cps
Rhodium	103-2	825373	838799	832398	832190	0.81	cps
Scandium	45-1	1750066	1721853	1730345	1734088	0.83	cps
Scandium	45-2	84684	85625	86974	85761	1.34	cps
Selenium	77-2	273	267	303	281	6.95	cps
Selenium	78-2	794	867	832	831	4.35	cps
Selenium	82-1	5252	5120	5118	5163	1.50	cps
Silicon	28-1	4248163	4308120	4272646	4276310	0.70	cps
Silver	109-1	218885	215962	220789	218545	1.11	cps
Silver	107-1	228575	231741	230734	230350	0.70	cps
Sodium	23-2	1687986	1696652	1705720	1696786	0.52	cps
Strontium	86-1	230092	233413	228398	230634	1.11	cps
Strontium	88-1	1991273	2016298	2014766	2007446	0.70	cps
Sulfur	34-1	168096	169234	164202	167177	1.58	cps
Terbium	159-1	2715401	2682732	2702268	2700134	0.61	cps
Terbium	159-2	1236315	1253170	1254112	1247866	0.80	cps
Thallium	203-1	175696	176567	177539	176601	0.52	cps
Thallium	205-1	426843	429008	422291	426047	0.80	cps
Thorium	232-1	172	239	200	204	16.44	cps
Tin	118-1	159649	163212	159927	160929	1.23	cps
Titanium	47-1	213649	208670	209822	210714	1.24	cps
Uranium	238-1	680064	689237	690393	686565	0.82	cps
Vanadium	51-2	74815	74829	75833	75159	0.78	cps
Yttrium	89-1	2465889	2444562	2437584	2449345	0.60	cps
Yttrium	89-2	346923	351140	349592	349219	0.61	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-05DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 20:23:36	DataFile Name :	106SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	22531	22721	22811	22688	0.63	cps
Zirconium	90-1	403365	400808	403422	402531	0.37	cps
Zirconium	91-1	89554	92616	91316	91162	1.69	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : K3636-06DLX5 Instrumnet Name : P7
 Client Sample ID : SP19-JMW0991MSDDL Dilution Factor : 5
 Date & Time Acquired :: 2019-07-19 20:27:12 DataFile Name : 107SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	66741	66306	67453	66833	0.87	cps
Antimony	121-1	191102	189861	186036	188999	1.40	cps
Arsenic	75-2	8367	8364	8575	8435	1.43	cps
Barium	135-1	276031	274999	271789	274273	0.81	cps
Barium	137-1	471880	480732	466336	472983	1.54	cps
Beryllium	9-1	80264	79101	78488	79284	1.14	cps
Bismuth	209-1	1382677	1405941	1384240	1390953	0.93	cps
Bismuth	209-2	732203	741742	750793	741579	1.25	cps
Boron	10-1	14899	14691	14766	14785	0.71	cps
Boron	11-1	62246	65919	65200	64455	3.02	cps
Cadmium	111-1	50759	52625	51415	51599	1.83	cps
Cadmium	106-1	6568	6435	6293	6432	2.14	cps
Cadmium	108-1	3813	4013	4130	3985	4.02	cps
Calcium	43-1	426044	419608	417001	420885	1.11	cps
Calcium	44-1	6957214	6885171	6896987	6913124	0.56	cps
Chromium	52-2	81802	84580	84386	83590	1.86	cps
Cobalt	59-2	114442	114949	114341	114577	0.28	cps
Copper	63-2	141647	141341	141910	141633	0.20	cps
Dysprosium	156-1	42	58	25	42	40.00	cps
Dysprosium	156-2	20	30	33	28	24.98	cps
Erbium	164-1	67	25	25	39	61.86	cps
Erbium	164-2	13	33	13	20	57.74	cps
Gadolinium	160-1	25	33	42	33	25.01	cps
Gadolinium	160-2	73	60	50	61	19.16	cps
Holmium	165-1	2650296	2658771	2657169	2655412	0.17	cps
Holmium	165-2	1213011	1235169	1255993	1234724	1.74	cps
Indium	115-1	1722403	1758050	1732706	1737720	1.06	cps
Indium	115-2	357354	360966	368552	362291	1.58	cps
Iron	56-2	4360756	4357606	4377527	4365297	0.25	cps
Iron	57-2	113894	114717	119281	115964	2.50	cps
Krypton	83-1	93	73	67	78	17.85	cps
Lead	206-1	148291	149020	147943	148418	0.37	cps
Lead	207-1	130758	131786	127310	129951	1.80	cps
Lead	208-1	589809	593042	580537	587796	1.10	cps
Lithium	6-1	1020787	1024369	1014020	1019725	0.52	cps
Magnesium	24-2	1051802	1060071	1071049	1060974	0.91	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-06DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 20:27:12	DataFile Name :	107SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	324116	328234	331069	327806	1.07	cps
Molybdenum	94-1	473467	473421	468061	471650	0.66	cps
Molybdenum	95-1	587797	589042	581105	585981	0.73	cps
Molybdenum	96-1	642180	651004	645690	646291	0.69	cps
Molybdenum	97-1	361454	361115	359750	360773	0.25	cps
Molybdenum	98-1	934987	935877	918002	929622	1.08	cps
Neodymium	150-1	27	67	60	51	41.93	cps
Neodymium	150-2	17	13	23	18	28.64	cps
Nickel	60-2	27990	28444	28491	28309	0.98	cps
Phosphorus	31-2	58	25	17	33	66.14	cps
Potassium	39-2	385161	390629	394646	390146	1.22	cps
Rhodium	103-1	1705801	1736588	1701409	1714599	1.12	cps
Rhodium	103-2	822324	828822	842301	831149	1.23	cps
Scandium	45-1	1740800	1706316	1710250	1719122	1.10	cps
Scandium	45-2	84294	83933	86376	84868	1.55	cps
Selenium	77-2	233	233	257	241	5.59	cps
Selenium	78-2	870	867	880	872	0.77	cps
Selenium	82-1	4922	4905	5047	4958	1.56	cps
Silicon	28-1	4288565	4280761	4278337	4282554	0.12	cps
Silver	109-1	212820	214220	212036	213025	0.52	cps
Silver	107-1	219408	223201	220577	221062	0.88	cps
Sodium	23-2	1636992	1655136	1664526	1652218	0.85	cps
Strontium	86-1	228802	230242	227714	228919	0.55	cps
Strontium	88-1	1978319	1983429	1984107	1981952	0.16	cps
Sulfur	34-1	163343	157626	159941	160303	1.79	cps
Terbium	159-1	2659297	2688152	2698542	2681997	0.76	cps
Terbium	159-2	1234111	1254179	1262205	1250165	1.16	cps
Thallium	203-1	172400	172311	171207	171973	0.39	cps
Thallium	205-1	417241	416534	413736	415837	0.45	cps
Thorium	232-1	156	111	133	133	16.67	cps
Tin	118-1	158299	158957	158401	158553	0.22	cps
Titanium	47-1	208568	205469	205722	206587	0.83	cps
Uranium	238-1	664354	675172	657859	665795	1.31	cps
Vanadium	51-2	71101	71666	72232	71666	0.79	cps
Yttrium	89-1	2435488	2443942	2444643	2441358	0.21	cps
Yttrium	89-2	346837	345767	351728	348111	0.91	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-06DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 20:27:12	DataFile Name :	107SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	22087	22611	22397	22365	1.18	cps
Zirconium	90-1	387354	391614	386701	388556	0.69	cps
Zirconium	91-1	87811	87643	86226	87227	1.00	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-04ADLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 20:30:49	DataFile Name :	108SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	68131	66875	67947	67651	1.00	cps
Antimony	121-1	194858	194142	191006	193335	1.06	cps
Arsenic	75-2	8636	8738	8806	8727	0.98	cps
Barium	135-1	279064	273290	278514	276956	1.15	cps
Barium	137-1	485739	474299	481592	480543	1.21	cps
Beryllium	9-1	80824	80314	81172	80770	0.53	cps
Bismuth	209-1	1392431	1397898	1401280	1397203	0.32	cps
Bismuth	209-2	736684	736851	745861	739798	0.71	cps
Boron	10-1	14808	14866	14941	14872	0.45	cps
Boron	11-1	66438	65702	66999	66380	0.98	cps
Cadmium	111-1	51327	52501	51818	51882	1.14	cps
Cadmium	106-1	6527	6627	6327	6493	2.35	cps
Cadmium	108-1	4046	4417	4347	4270	4.61	cps
Calcium	43-1	416845	423058	418076	419326	0.78	cps
Calcium	44-1	6873752	6930271	6940586	6914870	0.52	cps
Chromium	52-2	86468	85670	85959	86032	0.47	cps
Cobalt	59-2	116884	117257	118224	117455	0.59	cps
Copper	63-2	143842	143017	144659	143840	0.57	cps
Dysprosium	156-1	50	25	42	39	32.73	cps
Dysprosium	156-2	27	17	20	21	24.12	cps
Erbium	164-1	33	50	33	39	24.75	cps
Erbium	164-2	20	17	13	17	20.01	cps
Gadolinium	160-1	33	50	50	44	21.66	cps
Gadolinium	160-2	50	37	73	53	34.79	cps
Holmium	165-1	2681393	2659906	2689314	2676871	0.57	cps
Holmium	165-2	1234663	1237396	1248857	1240306	0.61	cps
Indium	115-1	1752804	1746275	1752232	1750437	0.21	cps
Indium	115-2	362276	357678	363082	361012	0.81	cps
Iron	56-2	4461507	4371258	4377866	4403544	1.14	cps
Iron	57-2	117993	117298	118407	117899	0.48	cps
Krypton	83-1	97	73	107	92	18.55	cps
Lead	206-1	150500	150381	148175	149685	0.87	cps
Lead	207-1	132194	132471	133681	132782	0.60	cps
Lead	208-1	597888	599303	598070	598420	0.13	cps
Lithium	6-1	1026082	1021400	1022150	1023211	0.25	cps
Magnesium	24-2	1344230	1331965	1336301	1337498	0.47	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-04ADLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 20:30:49	DataFile Name :	108SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	332119	329270	325098	328829	1.07	cps
Molybdenum	94-1	480411	481778	480330	480840	0.17	cps
Molybdenum	95-1	593633	588546	589971	590717	0.44	cps
Molybdenum	96-1	661772	651016	652505	655097	0.89	cps
Molybdenum	97-1	370382	364881	364930	366731	0.86	cps
Molybdenum	98-1	932365	933345	943757	936489	0.67	cps
Neodymium	150-1	47	33	40	40	16.68	cps
Neodymium	150-2	13	3	10	9	57.30	cps
Nickel	60-2	29473	28905	28955	29111	1.08	cps
Phosphorus	31-2	17	33	67	39	65.47	cps
Potassium	39-2	396402	390310	396065	394259	0.87	cps
Rhodium	103-1	1715647	1725024	1722109	1720927	0.28	cps
Rhodium	103-2	836675	837209	837700	837195	0.06	cps
Scandium	45-1	1744891	1737188	1723639	1735239	0.62	cps
Scandium	45-2	86172	85039	85743	85651	0.67	cps
Selenium	77-2	273	243	217	244	11.60	cps
Selenium	78-2	848	861	850	853	0.82	cps
Selenium	82-1	4938	5046	5013	4999	1.11	cps
Silicon	28-1	4250647	4257904	4275751	4261434	0.30	cps
Silver	109-1	216405	220099	214342	216949	1.34	cps
Silver	107-1	228584	227085	226357	227342	0.50	cps
Sodium	23-2	1691570	1667102	1663661	1674111	0.91	cps
Strontium	86-1	226091	227909	229091	227697	0.66	cps
Strontium	88-1	1991050	2002158	1996494	1996567	0.28	cps
Sulfur	34-1	160085	159276	156066	158476	1.34	cps
Terbium	159-1	2694341	2695036	2718472	2702616	0.51	cps
Terbium	159-2	1241915	1245810	1248806	1245510	0.28	cps
Thallium	203-1	177015	175090	173315	175140	1.06	cps
Thallium	205-1	418185	426673	423269	422709	1.01	cps
Thorium	232-1	161	94	106	120	29.67	cps
Tin	118-1	163980	160473	160111	161521	1.32	cps
Titanium	47-1	210498	209592	206440	208843	1.02	cps
Uranium	238-1	678185	678746	685875	680935	0.63	cps
Vanadium	51-2	73700	73093	74303	73699	0.82	cps
Yttrium	89-1	2433519	2443685	2444214	2440473	0.25	cps
Yttrium	89-2	352569	348030	354697	351765	0.97	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	K3636-04ADLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-19 20:30:49	DataFile Name :	108SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	22200	23182	23148	22844	2.44	cps
Zirconium	90-1	395306	397180	390900	394462	0.82	cps
Zirconium	91-1	90468	89906	91400	90591	0.83	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P7
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 20:34:25	DataFile Name :	109CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1603181	1650572	1646308	1633354	1.61	cps
Antimony	121-1	856901	847892	851720	852171	0.53	cps
Arsenic	75-2	36104	36624	37123	36617	1.39	cps
Barium	135-1	1185175	1162934	1171047	1173052	0.96	cps
Barium	137-1	2123520	2104932	2107039	2111830	0.48	cps
Beryllium	9-1	366722	363416	360639	363593	0.84	cps
Bismuth	209-1	1175993	1157901	1142515	1158803	1.45	cps
Bismuth	209-2	653402	665750	671126	663426	1.37	cps
Boron	10-1	63844	62898	62948	63230	0.84	cps
Boron	11-1	265933	272765	269382	269360	1.27	cps
Cadmium	111-1	241052	237763	236266	238360	1.03	cps
Cadmium	106-1	28789	28287	29114	28730	1.45	cps
Cadmium	108-1	19105	19042	19101	19083	0.18	cps
Calcium	43-1	2182575	2159543	2141173	2161097	0.96	cps
Calcium	44-1	35250597	34737038	34518031	34835222	1.08	cps
Chromium	52-2	394866	405808	407790	402821	1.73	cps
Cobalt	59-2	513145	523949	527560	521551	1.44	cps
Copper	63-2	635263	645156	647109	642509	0.99	cps
Dysprosium	156-1	42	25	42	36	26.65	cps
Dysprosium	156-2	20	37	23	27	33.08	cps
Erbium	164-1	8	25	42	25	66.68	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	25	58	58	47	40.76	cps
Gadolinium	160-2	57	53	57	56	3.47	cps
Holmium	165-1	2477270	2474528	2433060	2461619	1.01	cps
Holmium	165-2	1195207	1215824	1222861	1211297	1.19	cps
Indium	115-1	1552640	1555397	1545508	1551182	0.33	cps
Indium	115-2	336316	345162	346326	342601	1.60	cps
Iron	56-2	68601614	69582047	70198367	69460676	1.16	cps
Iron	57-2	1749717	1774094	1790159	1771323	1.15	cps
Krypton	83-1	60	77	90	76	19.89	cps
Lead	206-1	653251	638842	637296	643130	1.37	cps
Lead	207-1	567713	564326	557151	563063	0.96	cps
Lead	208-1	2612312	2586373	2560155	2586280	1.01	cps
Lithium	6-1	947725	933555	927203	936161	1.12	cps
Magnesium	24-2	17402721	17599303	17685310	17562444	0.82	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P7
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 20:34:25	DataFile Name :	109CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	457845	470823	474702	467790	1.89	cps
Molybdenum	94-1	2421115	2369607	2373187	2387970	1.20	cps
Molybdenum	95-1	2975378	2948277	2923587	2949081	0.88	cps
Molybdenum	96-1	3296405	3285800	3223765	3268657	1.20	cps
Molybdenum	97-1	1843563	1848717	1823517	1838599	0.72	cps
Molybdenum	98-1	4777808	4746227	4732617	4752217	0.49	cps
Neodymium	150-1	140	120	153	138	12.18	cps
Neodymium	150-2	10	20	20	17	34.64	cps
Nickel	60-2	128955	132815	134211	131994	2.06	cps
Phosphorus	31-2	18078	18729	19121	18643	2.83	cps
Potassium	39-2	8160542	8243591	8336246	8246793	1.07	cps
Rhodium	103-1	1511428	1509847	1446235	1489170	2.50	cps
Rhodium	103-2	742407	757504	753705	751205	1.05	cps
Scandium	45-1	1667788	1658962	1634626	1653792	1.04	cps
Scandium	45-2	82418	83943	83986	83449	1.07	cps
Selenium	77-2	1027	1140	1110	1092	5.38	cps
Selenium	78-2	3762	3712	3825	3766	1.50	cps
Selenium	82-1	22581	21950	21668	22066	2.12	cps
Silicon	28-1	1071609	1068567	1060859	1067011	0.52	cps
Silver	109-1	1068018	1059083	1047919	1058340	0.95	cps
Silver	107-1	1108593	1105425	1097670	1103896	0.51	cps
Sodium	23-2	35453379	35466144	36058788	35659437	0.97	cps
Strontium	86-1	367257	365462	361667	364795	0.78	cps
Strontium	88-1	3166438	3147469	3117004	3143637	0.79	cps
Sulfur	34-1	308883	305190	299641	304571	1.53	cps
Terbium	159-1	2527515	2515628	2501307	2514817	0.52	cps
Terbium	159-2	1192550	1225724	1227818	1215364	1.63	cps
Thallium	203-1	791181	774202	772750	779378	1.31	cps
Thallium	205-1	1933666	1929202	1930533	1931134	0.12	cps
Thorium	232-1	3351384	3354699	3356045	3354043	0.07	cps
Tin	118-1	726647	716230	719596	720824	0.74	cps
Titanium	47-1	994566	981649	979278	985165	0.84	cps
Uranium	238-1	3236619	3266551	3256953	3253374	0.47	cps
Vanadium	51-2	345642	350262	355962	350622	1.47	cps
Yttrium	89-1	2304300	2279005	2254356	2279220	1.10	cps
Yttrium	89-2	337354	345665	348570	343863	1.69	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P7
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 20:34:25	DataFile Name :	109CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	106455	107193	107965	107204	0.70	cps
Zirconium	90-1	2013336	1988304	1978097	1993246	0.91	cps
Zirconium	91-1	435722	427803	426194	429906	1.19	cps

LB Number : LB104111 Operator : Jaswal
 Lab Sample ID : CCB25 Instrumnet Name : P7
 Client Sample ID : CCB25 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-19 20:38:04 DataFile Name : 110CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	92	50	67	33.07	cps
Antimony	121-1	725	675	500	633	18.66	cps
Arsenic	75-2	4	0	7	4	100.05	cps
Barium	135-1	108	83	50	81	36.33	cps
Barium	137-1	100	83	75	86	14.79	cps
Beryllium	9-1	120	93	90	101	16.26	cps
Bismuth	209-1	1357042	1353032	1345049	1351708	0.45	cps
Bismuth	209-2	731348	745428	744570	740449	1.07	cps
Boron	10-1	3075	2734	2817	2875	6.20	cps
Boron	11-1	13173	12472	11571	12406	6.47	cps
Cadmium	111-1	575	635	586	599	5.30	cps
Cadmium	106-1	750	875	783	803	8.06	cps
Cadmium	108-1	0	4	0	1	173.21	cps
Calcium	43-1	150	133	67	117	37.80	cps
Calcium	44-1	4251	3726	3684	3887	8.13	cps
Chromium	52-2	287	230	217	244	15.21	cps
Cobalt	59-2	30	33	43	36	19.51	cps
Copper	63-2	223	217	227	222	2.29	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	8	8	11	43.34	cps
Erbium	164-2	0	3	7	3	100.05	cps
Gadolinium	160-1	17	8	25	17	50.01	cps
Gadolinium	160-2	57	27	50	44	35.44	cps
Holmium	165-1	2508500	2529164	2523647	2520437	0.42	cps
Holmium	165-2	1209142	1209102	1212683	1210309	0.17	cps
Indium	115-1	1706353	1701026	1690617	1699332	0.47	cps
Indium	115-2	365111	363211	363292	363872	0.30	cps
Iron	56-2	4595	4656	4212	4488	5.37	cps
Iron	57-2	117	183	128	143	25.05	cps
Krypton	83-1	70	57	63	63	10.52	cps
Lead	206-1	250	289	333	291	14.34	cps
Lead	207-1	233	200	228	220	8.10	cps
Lead	208-1	1122	972	1095	1063	7.51	cps
Lithium	6-1	978252	973192	965073	972172	0.68	cps
Magnesium	24-2	767	633	833	744	13.68	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P7
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 20:38:04	DataFile Name :	110CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	30	37	40	36	14.32	cps
Molybdenum	94-1	392	492	342	408	18.71	cps
Molybdenum	95-1	567	467	508	514	9.77	cps
Molybdenum	96-1	617	633	592	614	3.42	cps
Molybdenum	97-1	350	350	250	317	18.23	cps
Molybdenum	98-1	892	1000	858	917	8.08	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	13	7	10	10	33.30	cps
Phosphorus	31-2	42	50	25	39	32.73	cps
Potassium	39-2	8728	8011	7794	8178	5.98	cps
Rhodium	103-1	1689850	1705892	1688996	1694912	0.56	cps
Rhodium	103-2	825781	830095	828075	827984	0.26	cps
Scandium	45-1	1711190	1707453	1683548	1700730	0.88	cps
Scandium	45-2	83913	83403	83852	83723	0.33	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	35	26	24	28	20.98	cps
Selenium	82-1	2	27	14	14	88.84	cps
Silicon	28-1	66591	67140	63594	65775	2.90	cps
Silver	109-1	158	258	183	200	26.02	cps
Silver	107-1	250	225	242	239	5.33	cps
Sodium	23-2	12372	12047	11572	11997	3.36	cps
Strontium	86-1	50	83	133	89	47.19	cps
Strontium	88-1	200	150	133	161	21.53	cps
Sulfur	34-1	138396	138624	139135	138718	0.27	cps
Terbium	159-1	2572631	2556546	2550112	2559763	0.45	cps
Terbium	159-2	1217918	1235990	1235715	1229874	0.84	cps
Thallium	203-1	208	175	175	186	10.34	cps
Thallium	205-1	583	600	342	508	28.44	cps
Thorium	232-1	639	456	506	533	17.77	cps
Tin	118-1	208	108	258	192	39.85	cps
Titanium	47-1	92	58	75	75	22.22	cps
Uranium	238-1	217	267	125	203	35.43	cps
Vanadium	51-2	10	10	17	12	31.50	cps
Yttrium	89-1	2356621	2371114	2359202	2362312	0.33	cps
Yttrium	89-2	346011	347694	346544	346749	0.25	cps

LB Number :	LB104111	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P7
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired ::	2019-07-19 20:38:04	DataFile Name :	110CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	63	47	70	60	20.03	cps
Zirconium	90-1	375	333	400	369	9.12	cps
Zirconium	91-1	100	125	58	94	35.66	cps