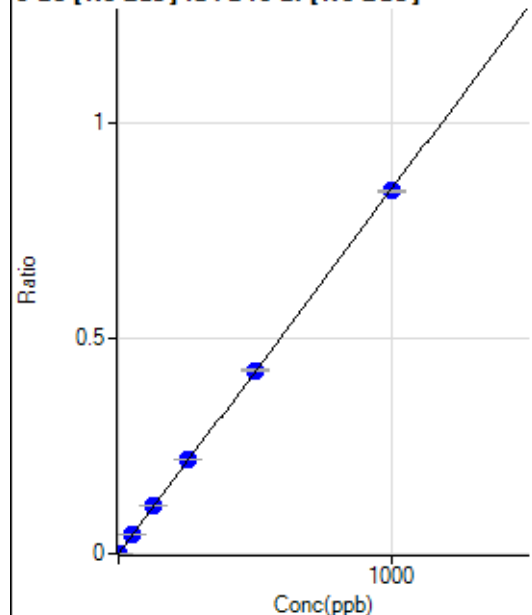


Calibration for 003CALB.d

Batch Folder: D:\ICP-MS Data\P7071719-MS.b\
 Analysis File: P7071719-MS.batch.bin
 DA Date-Time: 2019-07-17 21:54:13
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-07-17 13:55:28
2			
3	005CALS.d	S02	2019-07-17 14:03:29
4	006CALS.d	S03	2019-07-17 14:07:39
5	007CALS.d	S04	2019-07-17 14:11:49
6	008CALS.d	S05	2019-07-17 14:15:45
7	009CALS.d	S06	2019-07-17 14:19:37
8	010CALS.d	S07	2019-07-17 14:23:28
9	011CALS.d	S08	2019-07-17 14:27:17

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	48.89	0.0000	P	32.6
2	☐	0.100					
3	☐	1.000	1.074	1611.22	0.0009	P	3.2
4	☐	50.000	52.157	74933.79	0.0441	P	0.7
5	☐	125.000	129.669	181164.81	0.1096	P	0.3
6	☐	250.000	258.116	352564.64	0.2182	P	0.6
7	☐	500.000	503.467	673764.38	0.4255	P	0.4
8	☐	1000.000	995.546	1323802.18	0.8414	P	0.2
9	☐			338.90	0.0002	P	5.0

$$y = 8.4510\text{E-}004 * x + 2.8605\text{E-}005$$

$$R = 1.0000$$

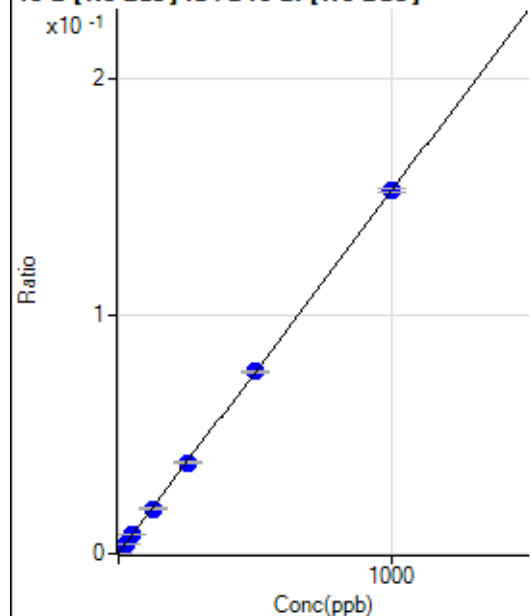
$$DL = 0.03312$$

$$BEC = 0.03385$$

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	483.36	0.0003	P	13.1
2	☐	2.500					
3	☐	25.000	24.687	6951.86	0.0040	P	3.7
4	☐	50.000	51.162	13717.79	0.0081	P	1.3
5	☐	125.000	122.913	31403.02	0.0190	P	0.9
6	☐	250.000	250.318	62058.84	0.0384	P	1.8
7	☐	500.000	500.329	121084.82	0.0765	P	1.1
8	☐	1000.000	999.967	240025.97	0.1526	P	1.1
9	☐			11009.99	0.0080	P	7.5

$$y = 1.5228\text{E-}004 * x + 2.8264\text{E-}004$$

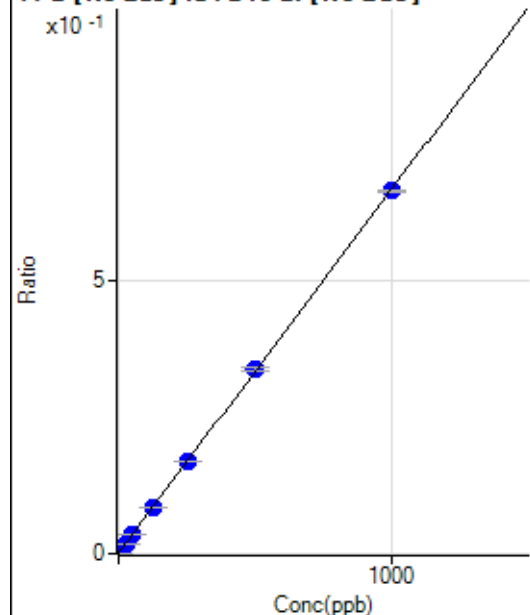
$$R = 1.0000$$

$$DL = 0.7319$$

$$BEC = 1.856$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2294.72	0.0013	P	6.8
2	☐	2.500					
3	☐	25.000	25.177	31202.56	0.0181	P	1.4
4	☐	50.000	50.391	59404.17	0.0350	P	0.4
5	☐	125.000	125.144	140227.11	0.0848	P	1.2
6	☐	250.000	252.101	274002.05	0.1696	P	0.7
7	☐	500.000	506.703	537423.99	0.3394	P	1.9
8	☐	1000.000	996.081	1047797.41	0.6660	P	0.8
9	☐			48333.94	0.0350	P	4.8

$$y = 6.6724E-004 * x + 0.0013$$

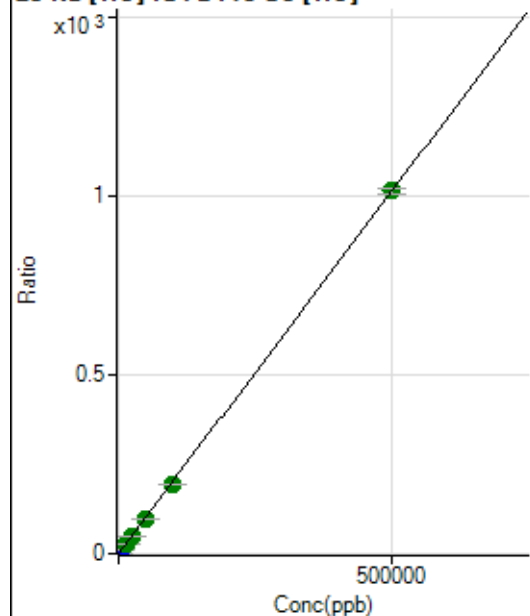
$$R = 1.0000$$

$$DL = 0.4103$$

$$BEC = 2.01$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7882.93	0.0637	P	2.4
2	☐	50.000					
3	☐	500.000	528.770	142484.68	1.1337	P	0.9
4	☐	5000.000	5141.471	1274343.14	10.4680	P	0.7
5	☐	12500.000	12366.739	2998931.03	25.0891	A	0.9
6	☐	25000.000	24636.547	5820565.19	49.9184	A	0.4
7	☐	50000.000	48481.361	11532289.75	98.1710	A	0.9
8	☐	100000.00	95830.172	23276552.08	193.9864	A	0.5
9	☐	500000.00	501005.89	113638402.5	1,013.903	A	1.3

$$y = 0.0020 * x + 0.0637$$

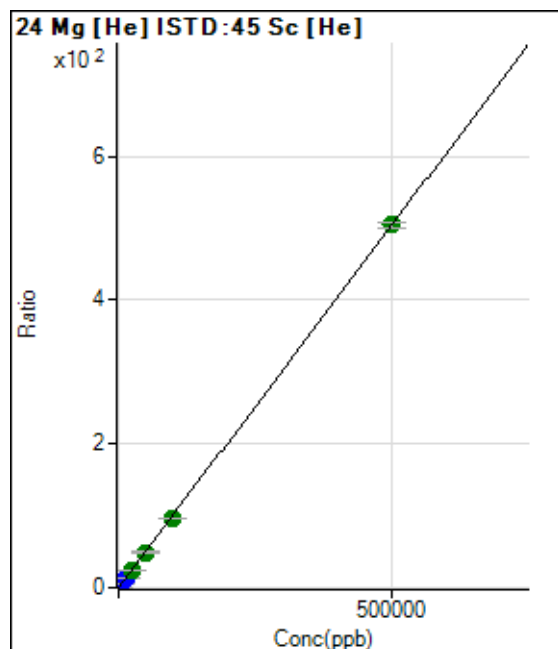
$$R = 1.0000$$

$$DL = 2.269$$

$$BEC = 31.46$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	69.45	0.0006	P	6.6
2	☐	50.000					
3	☐	500.000	545.806	69190.31	0.5505	P	0.6
4	☐	5000.000	5255.955	644793.13	5.2965	P	0.8
5	☐	12500.000	12568.343	1513838.52	12.6645	P	0.9
6	☐	25000.000	25140.690	2953795.25	25.3326	A	0.4
7	☐	50000.000	48924.226	5791098.78	49.2971	A	0.8
8	☐	100000.00	96114.949	11620688.02	96.8469	A	0.5
9	☐	500000.00	500873.23	56565049.88	504.6852	A	1.4

$$y = 0.0010 * x + 5.6077E-004$$

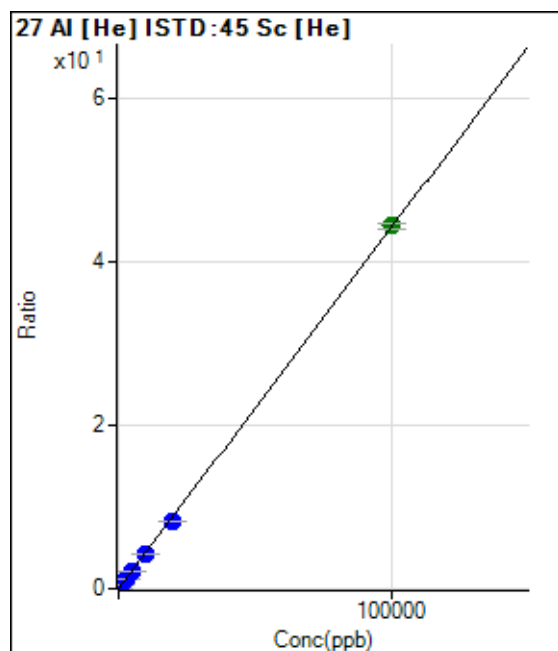
$$R = 1.0000$$

$$DL = 0.1109$$

$$BEC = 0.5565$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0002	P	21.9
2	☐	2.000					
3	☐	20.000	19.254	1094.52	0.0087	P	15.5
4	☐	1000.000	995.415	53669.05	0.4409	P	1.5
5	☐	2500.000	2421.089	128147.11	1.0721	P	1.7
6	☐	5000.000	4827.508	249232.62	2.1374	P	0.6
7	☐	10000.000	9378.297	487777.02	4.1522	P	1.3
8	☐	20000.000	18439.602	979575.29	8.1638	P	0.6
9	☐	100000.00	100384.89	4981127.06	44.4429	A	1.3

$$y = 4.4272E-004 * x + 1.7954E-004$$

$$R = 0.9999$$

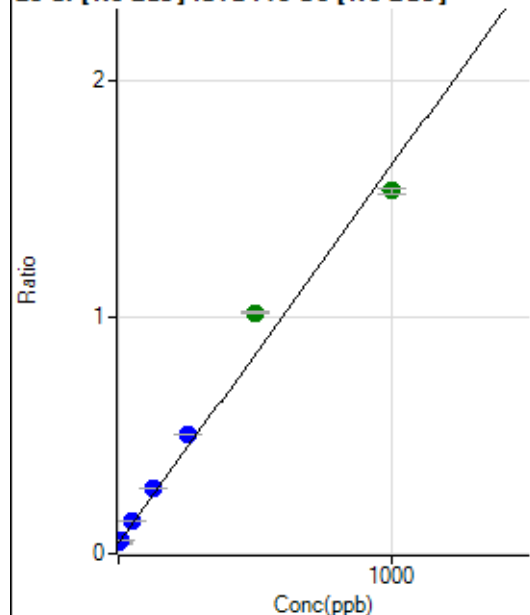
$$DL = 0.2661$$

$$BEC = 0.4055$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	124830.65	0.0448	P	1.1
2	☐	1.000					
3	☐	10.000	9.346	159372.44	0.0597	P	0.8
4	☐	50.000	58.330	361781.25	0.1380	P	0.8
5	☐	125.000	144.576	701870.92	0.2759	P	1.2
6	☐	250.000	287.643	1259511.78	0.5045	P	1.1
7	☐	500.000	610.091	2552479.59	1.0199	A	1.2
8	☐	1000.000	932.687	3872573.70	1.5355	A	1.6
9	☐			186551.30	0.0828	P	3.9

$$y = 0.0016 * x + 0.0448$$

$$R = 0.9895$$

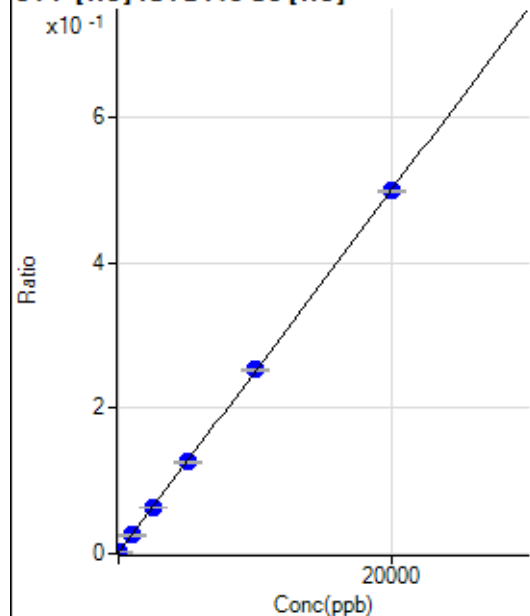
$$DL = 0.9102$$

$$BEC = 28.03$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-31.799	61.11	0.0005	P	48.1
2	☐	0.000					
3	☐	0.000	31.799	261.13	0.0021	P	8.6
4	☐	1000.000	971.066	3103.23	0.0255	P	10.0
5	☐	2500.000	2527.011	7680.05	0.0642	P	0.9
6	☐	5000.000	5005.494	14691.12	0.1260	P	1.2
7	☐	10000.000	10077.284	29644.13	0.2524	P	0.9
8	☐	20000.000	19958.055	59820.86	0.4985	P	0.6
9	☐			116.67	0.0010	P	17.7

$$y = 2.4915E-005 * x + 0.0013$$

$$R = 1.0000$$

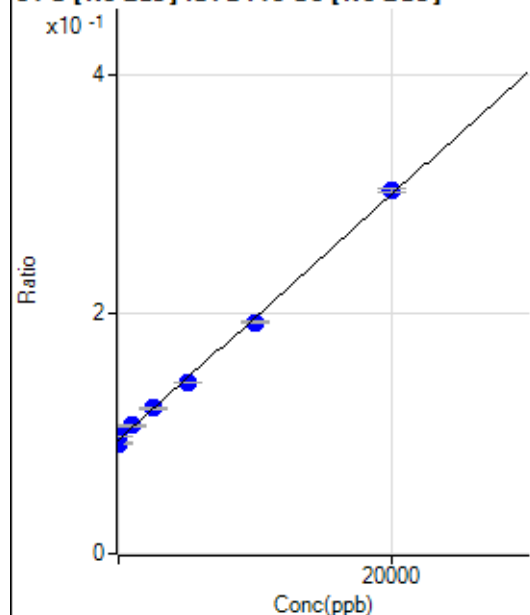
$$DL = 25.1$$

$$BEC = 51.62$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-288.095	256785.61	0.0922	P	1.0
2	☐	0.000					
3	☐	0.000	288.095	261600.84	0.0981	P	0.6
4	☐	1000.000	1176.485	280853.30	0.1072	P	1.1
5	☐	2500.000	2580.808	309202.01	0.1215	P	0.9
6	☐	5000.000	4678.721	357001.04	0.1430	P	0.2
7	☐	10000.000	9547.061	482626.78	0.1928	P	0.8
8	☐	20000.000	20287.864	763685.48	0.3028	P	1.2
9	☐			199514.66	0.0885	P	0.9

$$y = 1.0237\text{E-}005 * x + 0.0951$$

$$R = 0.9991$$

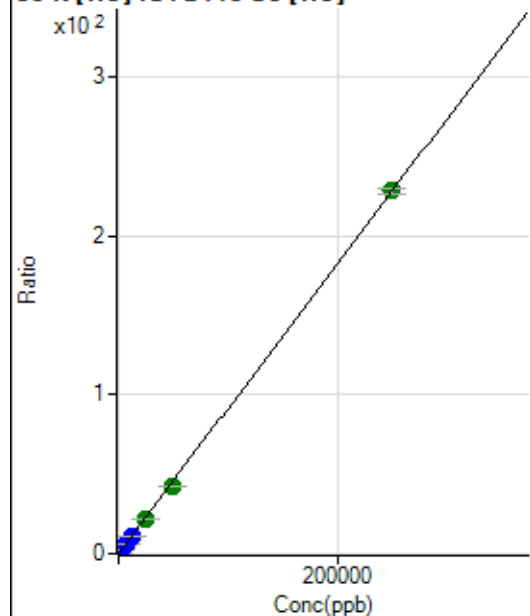
$$DL = 223.8$$

$$BEC = 9291$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12016.41	0.0970	P	3.1
2	☐	50.000					
3	☐	500.000	507.304	70261.47	0.5591	P	1.4
4	☐	2500.000	2527.350	292041.12	2.3989	P	0.4
5	☐	6250.000	6181.042	684522.88	5.7266	P	0.5
6	☐	12500.000	12271.247	1314530.99	11.2735	P	0.2
7	☐	25000.000	23524.956	2528242.66	21.5231	A	1.2
8	☐	50000.000	46733.665	5118754.89	42.6612	A	1.1
9	☐	250000.00	250813.64	25613972.45	228.5335	A	1.3

$$y = 9.1078\text{E-}004 * x + 0.0970$$

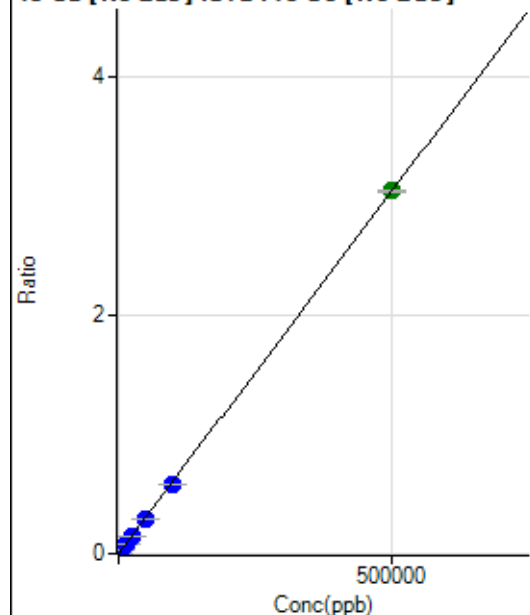
$$R = 0.9999$$

$$DL = 9.968$$

$$BEC = 106.6$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.00	0.0000	P	0.6
2	☐	50.000					
3	☐	500.000	491.385	8027.46	0.0030	P	2.9
4	☐	5000.000	4928.493	78472.38	0.0299	P	1.2
5	☐	12500.000	12353.640	190827.38	0.0750	P	0.4
6	☐	25000.000	24761.465	375233.31	0.1503	P	0.4
7	☐	50000.000	48494.140	736679.03	0.2944	P	0.7
8	☐	100000.00	95837.693	1467133.15	0.5817	P	0.8
9	☐	500000.00	500999.35	6854027.24	3.0408	A	0.7

$$y = 6.0694E-006 * x + 2.6919E-005$$

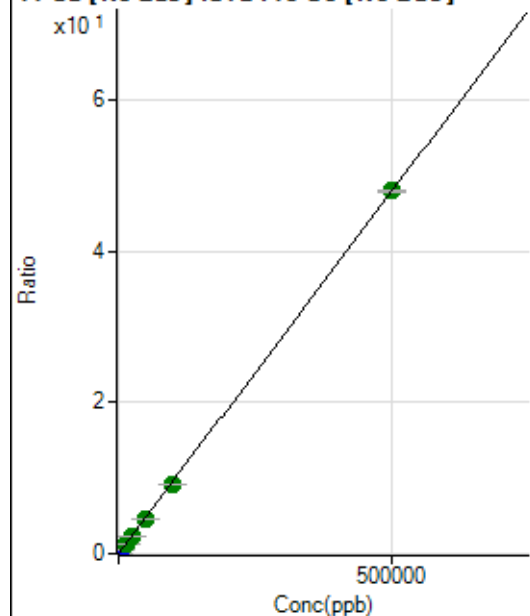
$$R = 1.0000$$

$$DL = 0.08532$$

$$BEC = 4.435$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5492.92	0.0020	P	4.7
2	☐	50.000					
3	☐	500.000	492.881	131174.81	0.0492	P	0.9
4	☐	5000.000	4883.489	1230846.90	0.4696	P	0.6
5	☐	12500.000	12078.172	2947645.08	1.1586	A	0.9
6	☐	25000.000	24174.961	5783930.08	2.3170	A	0.7
7	☐	50000.000	48060.688	11522972.57	4.6043	A	0.7
8	☐	100000.00	96342.354	23273584.72	9.2278	A	0.8
9	☐	500000.00	500978.43	108139896.8	47.9760	A	0.8

$$y = 9.5761E-005 * x + 0.0020$$

$$R = 1.0000$$

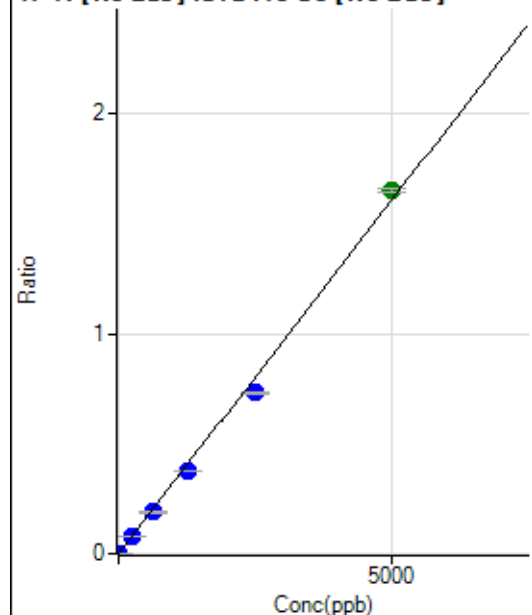
$$DL = 2.92$$

$$BEC = 20.59$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	47.23	0.0000	P	19.8
2	☐	0.500					
3	☐	5.000	4.240	3675.59	0.0014	P	1.8
4	☐	250.000	237.888	200148.47	0.0764	P	1.1
5	☐	625.000	586.470	478917.68	0.1882	P	1.4
6	☐	1250.000	1174.625	941127.60	0.3770	P	0.5
7	☐	2500.000	2276.165	1828270.35	0.7305	P	0.8
8	☐	5000.000	5136.184	4157519.62	1.6484	A	0.9
9	☐			1222.33	0.0005	P	8.6

$$y = 3.2094E-004 * x + 1.6939E-005$$

$$R = 0.9984$$

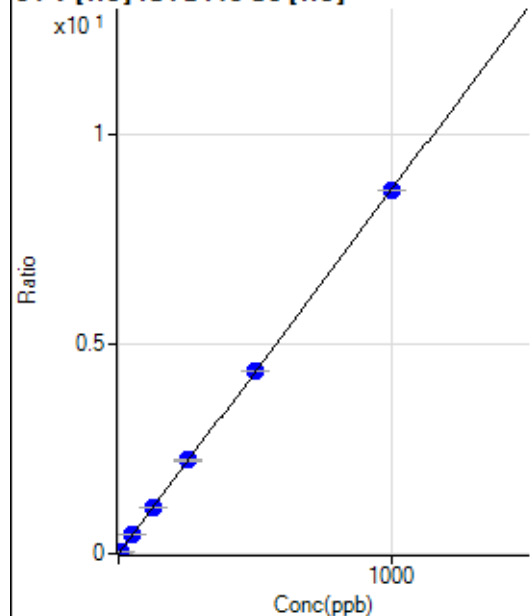
$$DL = 0.03142$$

$$BEC = 0.05278$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.33	0.0000	P	99.9
2	☐	0.500					
3	☐	5.000	5.342	5841.24	0.0465	P	0.5
4	☐	50.000	51.510	54535.96	0.4480	P	0.8
5	☐	125.000	127.682	132734.00	1.1104	P	1.3
6	☐	250.000	256.979	260589.81	2.2348	P	0.6
7	☐	500.000	502.049	512886.77	4.3660	P	0.8
8	☐	1000.000	996.818	1040191.37	8.6687	P	0.1
9	☐			224.45	0.0020	P	13.0

$$y = 0.0087 * x + 2.6878E-005$$

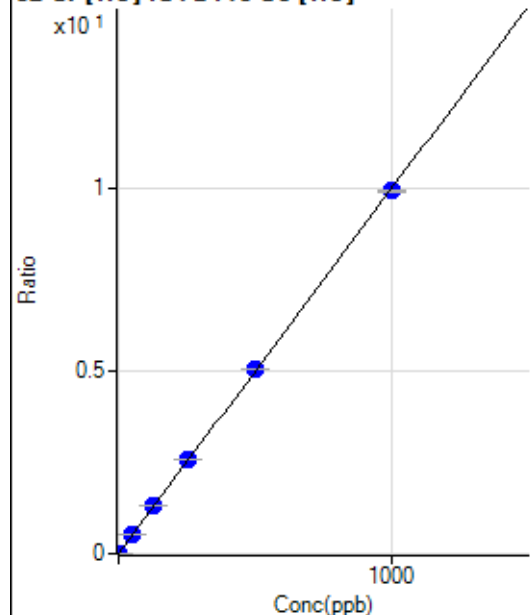
$$R = 1.0000$$

$$DL = 0.009262$$

$$BEC = 0.003091$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	351.12	0.0028	P	17.5
2	☐	0.200					
3	☐	2.000	2.045	2925.89	0.0233	P	1.4
4	☐	50.000	52.396	64119.73	0.5267	P	0.3
5	☐	125.000	129.908	155597.47	1.3017	P	0.8
6	☐	250.000	259.247	302564.22	2.5948	P	0.7
7	☐	500.000	505.931	594561.99	5.0612	P	0.5
8	☐	1000.000	993.989	1192854.32	9.9409	P	0.2
9	☐			20161.77	0.1799	P	0.4

$$y = 0.0100 * x + 0.0028$$

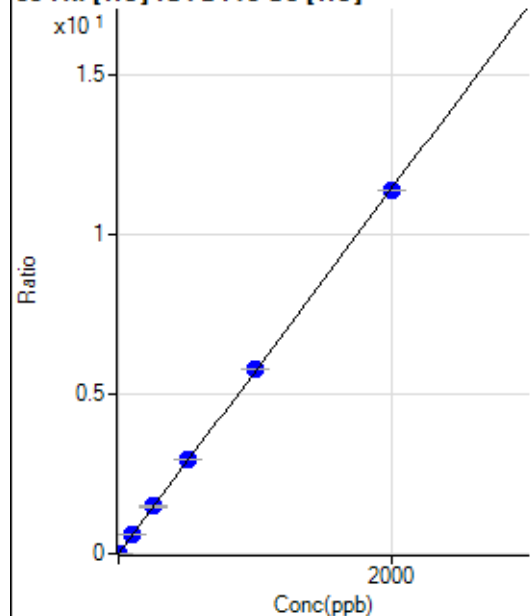
$$R = 0.9999$$

$$DL = 0.1488$$

$$BEC = 0.2836$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16.67	0.0001	P	52.8
2	☐	0.100					
3	☐	1.000	1.126	824.48	0.0066	P	2.5
4	☐	100.000	104.539	72634.97	0.5966	P	0.2
5	☐	250.000	258.452	176295.19	1.4749	P	0.6
6	☐	500.000	519.530	345684.72	2.9646	P	0.6
7	☐	1000.000	1011.186	677816.42	5.7700	P	0.3
8	☐	2000.000	1988.241	1361351.27	11.3451	P	0.1
9	☐			4271.80	0.0381	P	1.7

$$y = 0.0057 * x + 1.3451E-004$$

$$R = 0.9999$$

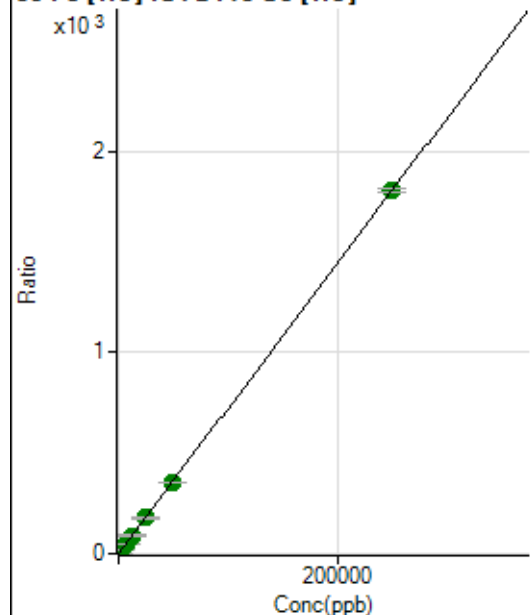
$$DL = 0.03731$$

$$BEC = 0.02357$$

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	1933.51	0.0156	P	6.1
2	☐	5.000					
3	☐	50.000	58.124	54588.82	0.4343	P	2.4
4	☐	2500.000	2553.320	2241021.35	18.4088	A	1.4
5	☐	6250.000	6310.241	5435484.84	45.4723	A	0.6
6	☐	12500.000	12582.207	10570249.43	90.6532	A	0.9
7	☐	25000.000	24710.697	20910553.71	178.0224	A	1.5
8	☐	50000.000	48652.487	42055608.81	350.4902	A	0.5
9	☐	250000.00	250292.28	202086458.2	1,803.028	A	1.1

$$y = 0.0072 * x + 0.0156$$

$$R = 1.0000$$

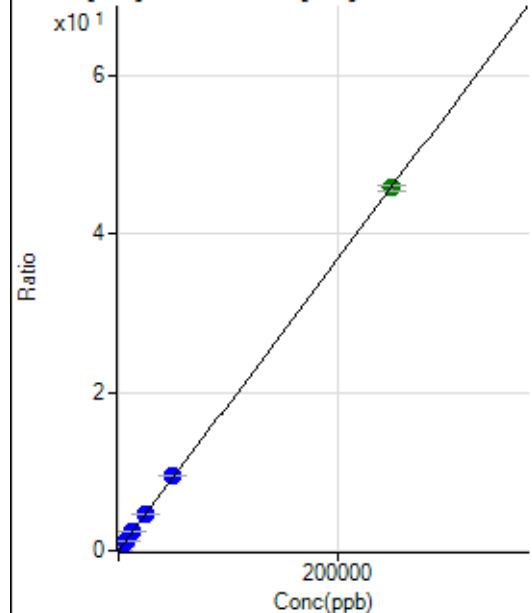
$$DL = 0.3978$$

$$BEC = 2.168$$

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	131.49	0.0011	P	17.0
2	☐	5.000					
3	☐	50.000	57.373	1457.52	0.0116	P	4.3
4	☐	2500.000	2644.727	59262.42	0.4868	P	1.2
5	☐	6250.000	6528.487	143460.83	1.2002	P	0.7
6	☐	12500.000	13098.717	280659.42	2.4069	P	1.8
7	☐	25000.000	25742.456	555551.53	4.7292	P	0.3
8	☐	50000.000	51906.137	1144135.89	9.5347	P	0.5
9	☐	250000.00	249506.18	5136306.77	45.8281	A	1.5

$$y = 1.8367E-004 * x + 0.0011$$

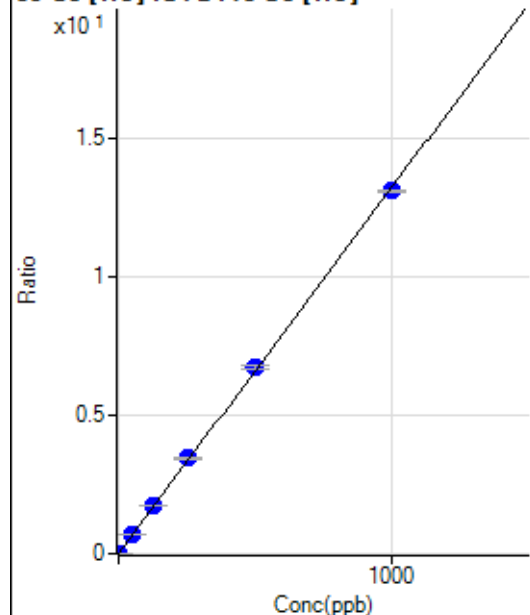
$$R = 1.0000$$

$$DL = 2.94$$

$$BEC = 5.78$$

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	13.33	0.0001	P	25.0
2	☐	0.100					
3	☐	1.000	1.055	1763.47	0.0140	P	4.4
4	☐	50.000	52.821	84905.07	0.6975	P	1.0
5	☐	125.000	130.909	206599.52	1.7284	P	0.4
6	☐	250.000	260.952	401720.26	3.4452	P	0.8
7	☐	500.000	509.500	790229.67	6.7265	P	1.2
8	☐	1000.000	991.632	1570903.55	13.0917	P	0.3
9	☐			18947.95	0.1691	P	2.2

$$y = 0.0132 * x + 1.0768E-004$$

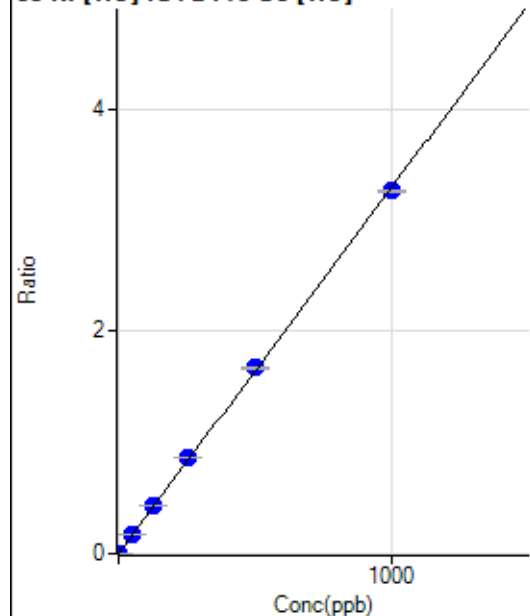
$$R = 0.9999$$

$$DL = 0.006129$$

$$BEC = 0.008156$$

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	8.89	0.0001	P	43.4
2	☐	0.100					
3	☐	1.000	1.262	531.13	0.0042	P	13.5
4	☐	50.000	52.150	20917.29	0.1718	P	3.1
5	☐	125.000	130.762	51481.24	0.4307	P	0.9
6	☐	250.000	263.428	101163.60	0.8676	P	0.2
7	☐	500.000	508.859	196862.17	1.6758	P	0.8
8	☐	1000.000	991.385	391759.46	3.2649	P	0.4
9	☐			7269.69	0.0649	P	3.1

$$y = 0.0033 * x + 7.1821E-005$$

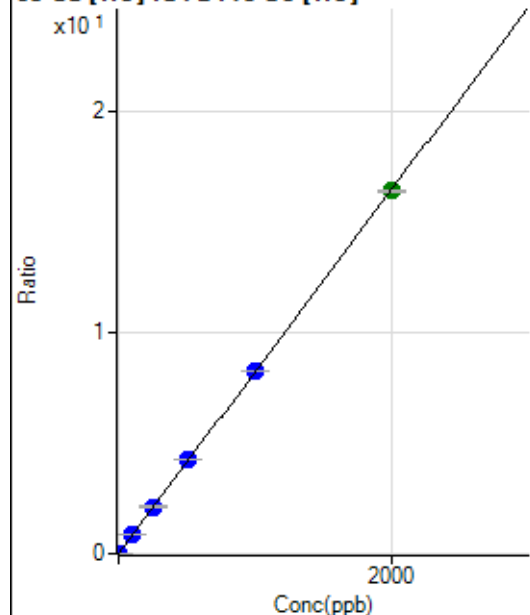
$$R = 0.9998$$

$$DL = 0.02839$$

$$BEC = 0.02181$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	210.00	0.0017	P	12.6
2	☐	0.200					
3	☐	2.000	2.206	2491.36	0.0198	P	2.8
4	☐	100.000	105.800	106050.91	0.8711	P	0.5
5	☐	250.000	257.942	253576.06	2.1214	P	0.7
6	☐	500.000	517.376	495961.91	4.2534	P	1.1
7	☐	1000.000	1002.095	967609.76	8.2367	P	0.6
8	☐	2000.000	1993.325	1965746.20	16.3824	A	0.4
9	☐			2889.22	0.0258	P	3.3

$$y = 0.0082 * x + 0.0017$$

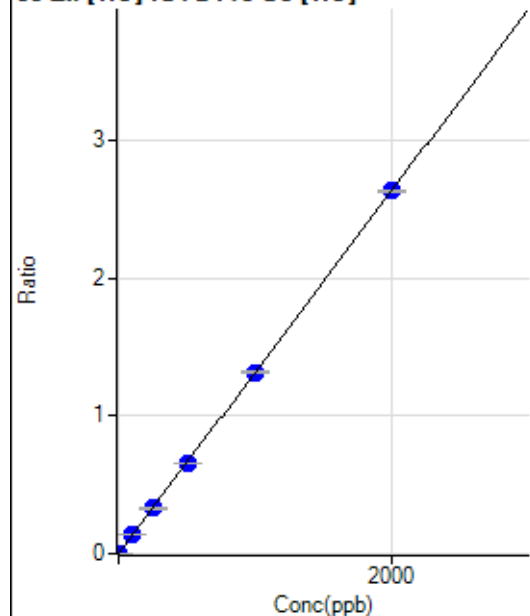
$$R = 1.0000$$

$$DL = 0.07832$$

$$BEC = 0.2064$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	75.56	0.0006	P	12.4
2	☐	0.200					
3	☐	2.000	2.214	443.35	0.0035	P	6.3
4	☐	100.000	102.218	16478.37	0.1354	P	1.6
5	☐	250.000	251.122	39640.51	0.3317	P	1.9
6	☐	500.000	495.512	76241.05	0.6538	P	1.1
7	☐	1000.000	1001.557	155167.67	1.3209	P	0.5
8	☐	2000.000	2000.092	316461.68	2.6373	P	0.6
9	☐			2638.06	0.0235	P	3.4

$$y = 0.0013 * x + 6.1004E-004$$

$$R = 1.0000$$

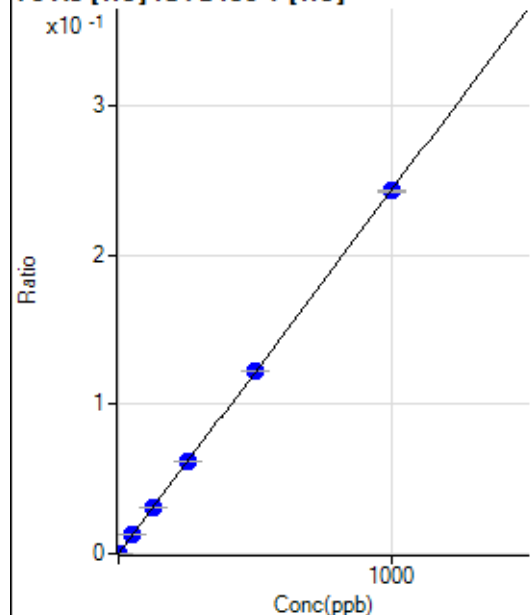
$$DL = 0.1728$$

$$BEC = 0.4628$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4.32	0.0000	P	173.
2	☐	0.100					
3	☐	1.000	0.956	108.65	0.0002	P	16.2
4	☐	50.000	50.717	5362.76	0.0124	P	0.8
5	☐	125.000	127.807	13408.09	0.0312	P	1.2
6	☐	250.000	252.585	26083.91	0.0616	P	0.4
7	☐	500.000	501.476	52318.93	0.1222	P	0.4
8	☐	1000.000	998.229	105863.74	0.2432	P	0.6
9	☐			153.09	0.0004	P	13.8

$$y = 2.4367\text{E-}004 * x + 9.9623\text{E-}006$$

$$R = 1.0000$$

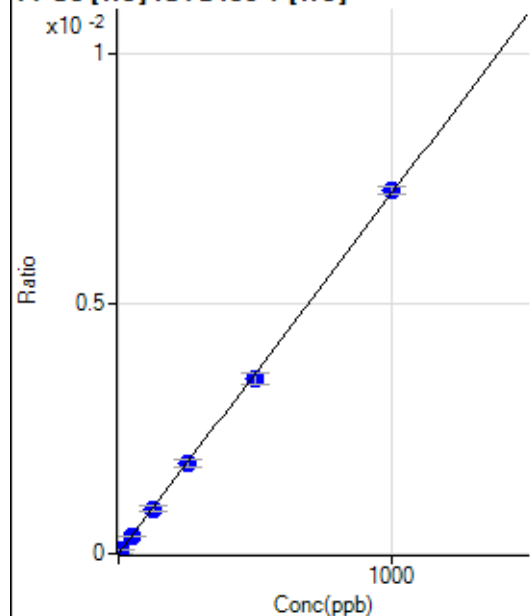
$$DL = 0.2124$$

$$BEC = 0.04088$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	10.681	35.56	0.0001	P	5.0
4	☐	50.000	48.067	151.12	0.0003	P	4.5
5	☐	125.000	124.538	386.68	0.0009	P	12.7
6	☐	250.000	251.931	768.92	0.0018	P	7.6
7	☐	500.000	484.528	1494.55	0.0035	P	7.2
8	☐	1000.000	1007.379	3157.06	0.0073	P	2.0
9	☐			0.00	0.0000	P	

$$y = 7.1980\text{E-}006 * x + 2.5598\text{E-}006$$

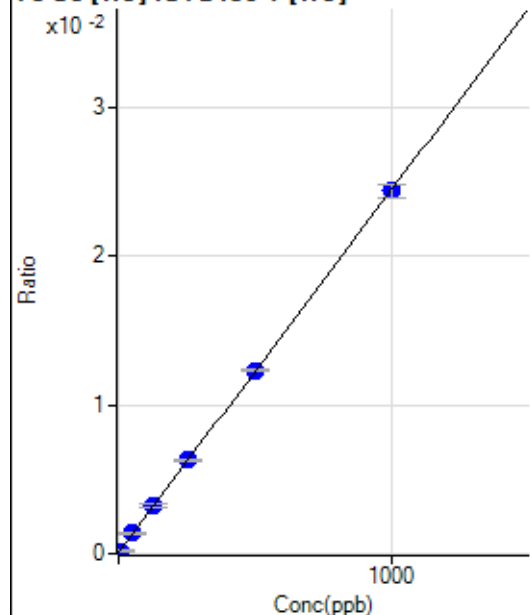
$$R = 0.9998$$

$$DL = 1.848$$

$$BEC = 0.3556$$

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	33.33	0.0001	P	16.6
2	☐	0.500					
3	☐	5.000	4.553	83.95	0.0002	P	25.8
4	☐	50.000	52.593	588.91	0.0014	P	5.3
5	☐	125.000	128.941	1385.88	0.0032	P	5.2
6	☐	250.000	255.448	2670.03	0.0063	P	1.7
7	☐	500.000	501.614	5267.05	0.0123	P	1.5
8	☐	1000.000	997.211	10608.26	0.0244	P	3.8
9	☐			41.36	0.0001	P	16.3

$$y = 2.4371\text{E-}005 * x + 7.6666\text{E-}005$$

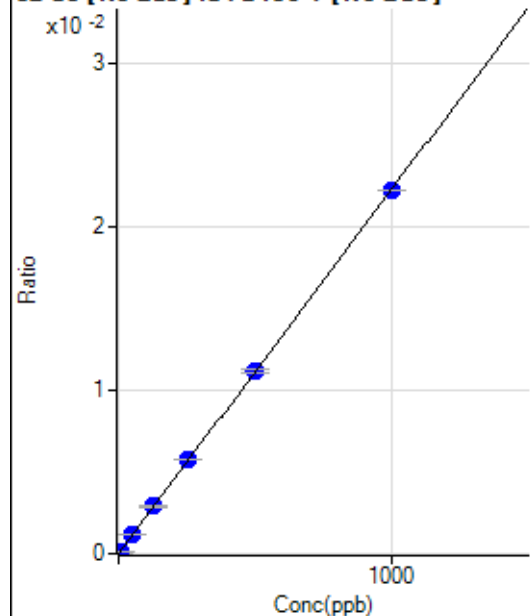
$$R = 1.0000$$

$$DL = 1.567$$

$$BEC = 3.146$$

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	7.40	0.0000	P	322.
2	☐	0.500					
3	☐	5.000	5.917	409.84	0.0001	P	5.4
4	☐	50.000	52.192	3473.63	0.0012	P	1.5
5	☐	125.000	130.800	8504.70	0.0029	P	2.4
6	☐	250.000	257.296	16562.88	0.0057	P	0.2
7	☐	500.000	501.866	32490.90	0.0112	P	1.1
8	☐	1000.000	996.404	65447.79	0.0222	P	0.2
9	☐			77.82	0.0000	P	29.9

$$y = 2.2308\text{E-}005 * x + 2.3742\text{E-}006$$

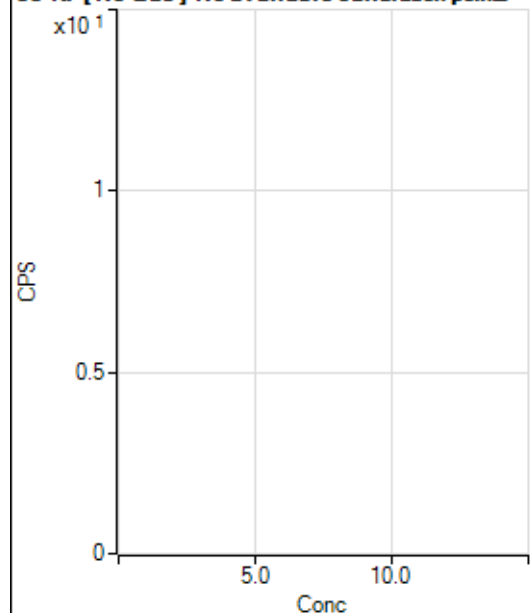
$$R = 1.0000$$

$$DL = 1.029$$

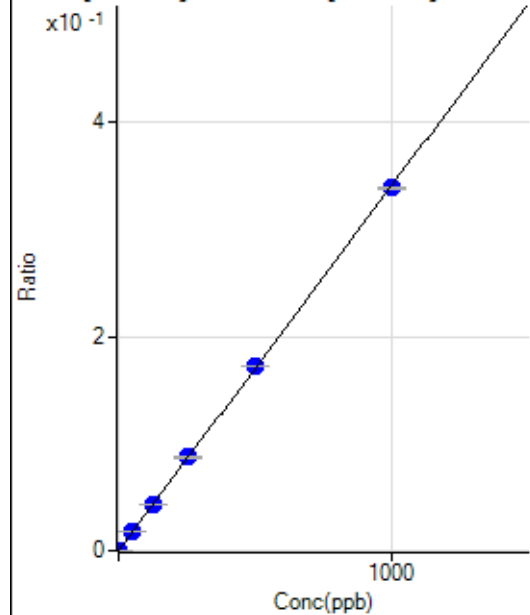
$$BEC = 0.1064$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			122.23		P	20.5
2	☐						
3	☐			114.45		P	14.7
4	☐			95.56		P	23.2
5	☐			118.89		P	33.2
6	☐			108.89		P	13.8
7	☐			111.11		P	9.2
8	☐			101.11		P	28.0
9	☐			118.89		P	5.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	225.01	0.0001	P	11.2
2	☐	0.100					
3	☐	1.000	0.871	1125.09	0.0004	P	8.4
4	☐	50.000	50.302	51211.71	0.0172	P	0.4
5	☐	125.000	127.468	126611.32	0.0435	P	2.2
6	☐	250.000	257.039	252658.24	0.0876	P	1.3
7	☐	500.000	506.731	500848.54	0.1726	P	0.3
8	☐	1000.000	994.551	997218.75	0.3387	P	0.5
9	☐			4295.24	0.0017	P	0.4

$$y = 3.4050E-004 * x + 7.2157E-005$$

$$R = 0.9999$$

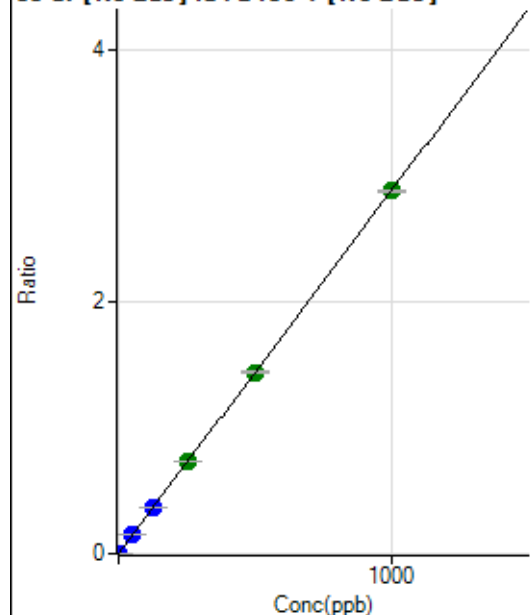
$$DL = 0.07106$$

$$BEC = 0.2119$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.22	0.0000	P	26.6
2	☐	0.100					
3	☐	1.000	1.001	8855.91	0.0029	P	3.3
4	☐	50.000	50.778	436359.39	0.1466	P	0.3
5	☐	125.000	126.680	1064759.74	0.3656	P	0.4
6	☐	250.000	252.940	2105570.73	0.7300	A	0.6
7	☐	500.000	499.649	4183939.50	1.4420	A	0.4
8	☐	1000.000	999.191	8489704.53	2.8836	A	0.4
9	☐			34614.88	0.0133	P	1.7

$$y = 0.0029 * x + 1.5134E-005$$

$$R = 1.0000$$

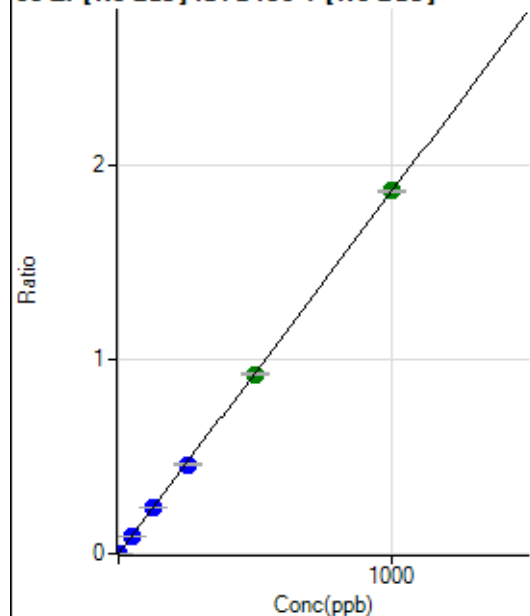
$$DL = 0.00419$$

$$BEC = 0.005244$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	252.79	0.0001	P	22.2
2	☐	0.100					
3	☐	1.000	0.926	5495.71	0.0018	P	3.3
4	☐	50.000	49.663	275086.58	0.0924	P	1.0
5	☐	125.000	125.378	678946.18	0.2331	P	0.7
6	☐	250.000	246.871	1323867.11	0.4590	P	0.3
7	☐	500.000	496.623	2678729.64	0.9232	A	0.6
8	☐	1000.000	1002.441	5486032.20	1.8634	A	0.6
9	☐			2108.59	0.0008	P	3.4

$$y = 0.0019 * x + 8.1085E-005$$

$$R = 1.0000$$

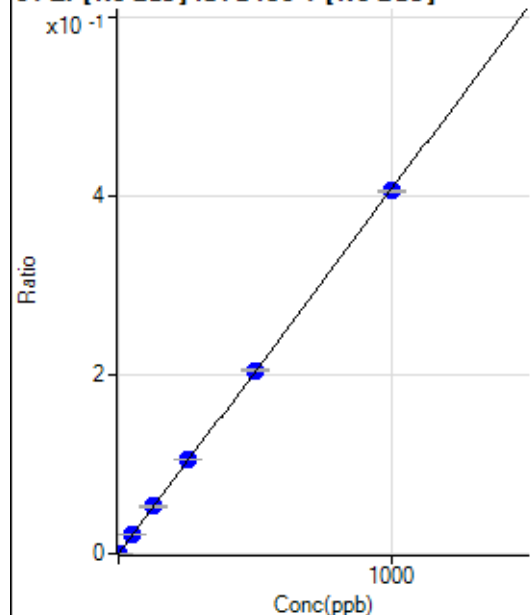
$$DL = 0.029$$

$$BEC = 0.04362$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0000	P	35.0
2	☐	0.100					
3	☐	1.000	0.898	1169.54	0.0004	P	7.3
4	☐	50.000	51.630	62629.54	0.0210	P	1.2
5	☐	125.000	129.244	153277.40	0.0526	P	0.9
6	☐	250.000	258.080	303089.08	0.1051	P	0.9
7	☐	500.000	503.732	595041.99	0.2051	P	0.2
8	☐	1000.000	995.502	1193146.74	0.4053	P	0.7
9	☐			458.36	0.0002	P	16.0

$$y = 4.0708\text{E-}004 * x + 1.7835\text{E-}005$$

$$R = 0.9999$$

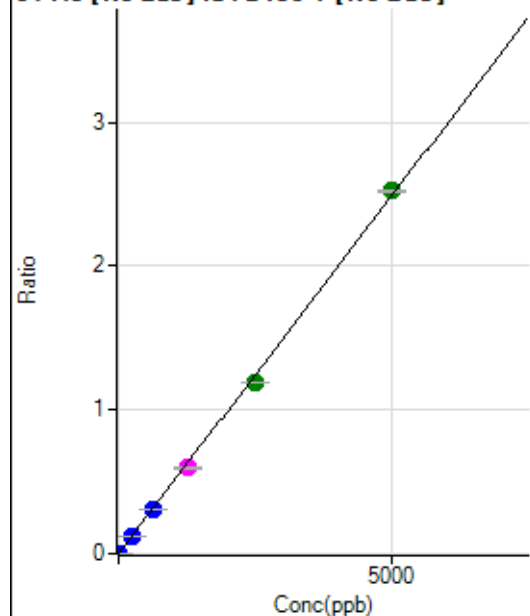
$$DL = 0.04599$$

$$BEC = 0.04381$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.67	0.0000	P	31.7
2	☐	0.500					
3	☐	5.000	4.475	6876.95	0.0023	P	2.6
4	☐	250.000	245.493	363653.87	0.1221	P	0.4
5	☐	625.000	612.525	887377.08	0.3047	P	0.4
6	☐	1250.000	1202.441	1725205.57	0.5981	M	1.2
7	☐	2500.000	2381.574	3437255.11	1.1846	A	0.2
8	☐	5000.000	5072.888	7428847.82	2.5233	A	0.3
9	☐			4395.29	0.0017	P	1.0

$$y = 4.9740\text{E-}004 * x + 2.9410\text{E-}005$$

$$R = 0.9995$$

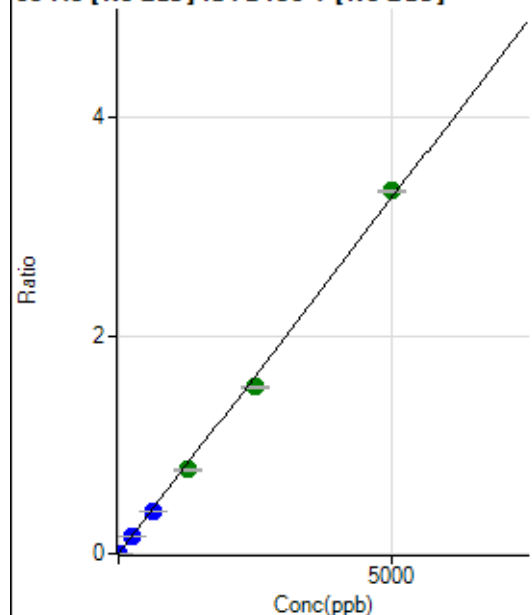
$$DL = 0.05629$$

$$BEC = 0.05913$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	50.00	0.0000	P	58.0
2	☐	0.500					
3	☐	5.000	4.303	8605.68	0.0028	P	1.4
4	☐	250.000	239.184	464385.20	0.1560	P	0.8
5	☐	625.000	595.089	1130057.52	0.3880	P	1.1
6	☐	1250.000	1177.827	2215161.99	0.7680	A	1.0
7	☐	2500.000	2340.776	4428561.38	1.5263	A	0.3
8	☐	5000.000	5101.936	9793910.55	3.3266	A	0.3
9	☐			6068.19	0.0023	P	5.8

$$y = 6.5203\text{E-}004 * x + 1.6050\text{E-}005$$

$$R = 0.9991$$

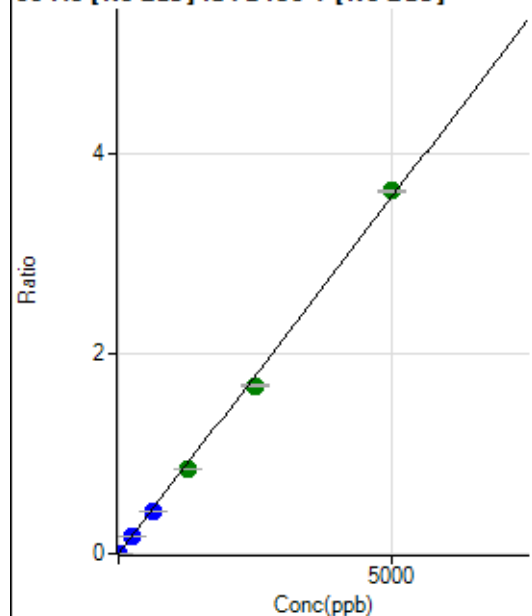
$$DL = 0.04286$$

$$BEC = 0.02462$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	66.67	0.0000	P	12.9
2	☐	0.500					
3	☐	5.000	4.329	9456.26	0.0031	P	0.5
4	☐	250.000	241.631	511782.08	0.1719	P	0.3
5	☐	625.000	598.637	1240119.21	0.4258	P	1.3
6	☐	1250.000	1185.103	2431407.35	0.8430	A	1.0
7	☐	2500.000	2357.023	4864591.52	1.6765	A	0.5
8	☐	5000.000	5091.427	10662004.06	3.6215	A	0.2
9	☐			9278.37	0.0036	P	6.5

$$y = 7.1129\text{E-}004 * x + 2.1387\text{E-}005$$

$$R = 0.9993$$

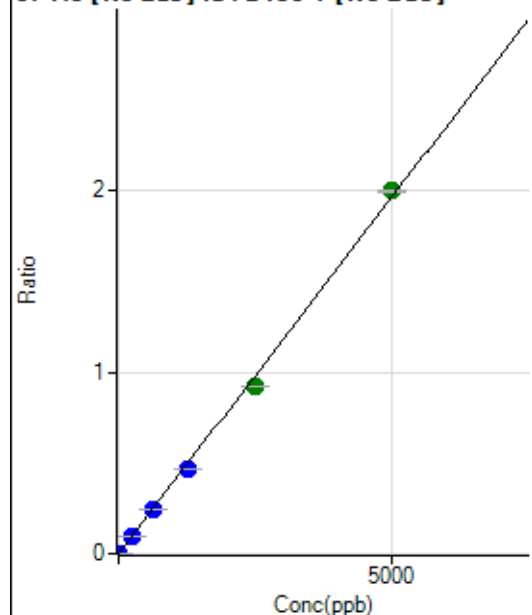
$$DL = 0.01161$$

$$BEC = 0.03007$$

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	30.56	0.0000	P	56.3
2	☐	0.500					
3	☐	5.000	4.596	5531.87	0.0018	P	4.5
4	☐	250.000	243.248	284321.88	0.0955	P	0.7
5	☐	625.000	618.202	706750.56	0.2427	P	1.4
6	☐	1250.000	1187.828	1345006.84	0.4663	P	0.5
7	☐	2500.000	2345.880	2671905.85	0.9209	A	0.4
8	☐	5000.000	5093.791	5886801.17	1.9995	A	0.5
9	☐			3867.34	0.0015	P	4.2

$$y = 3.9254\text{E-}004 * x + 9.7820\text{E-}006$$

$$R = 0.9992$$

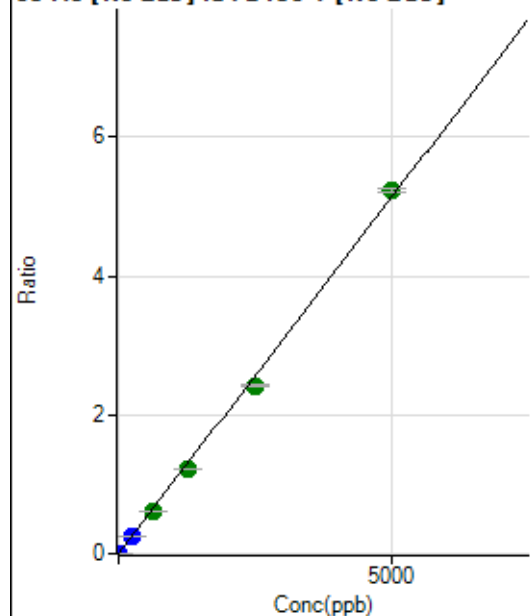
$$DL = 0.04207$$

$$BEC = 0.02492$$

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	4.170	13089.85	0.0043	P	0.6
4	☐	250.000	238.366	728119.70	0.2446	P	0.5
5	☐	625.000	590.267	1763573.72	0.6056	A	1.2
6	☐	1250.000	1183.981	3503558.63	1.2146	A	0.4
7	☐	2500.000	2358.671	7020956.93	2.4198	A	0.3
8	☐	5000.000	5092.093	15379573.61	5.2239	A	0.9
9	☐			9912.17	0.0038	P	6.7

$$y = 0.0010 * x + 1.4241\text{E-}005$$

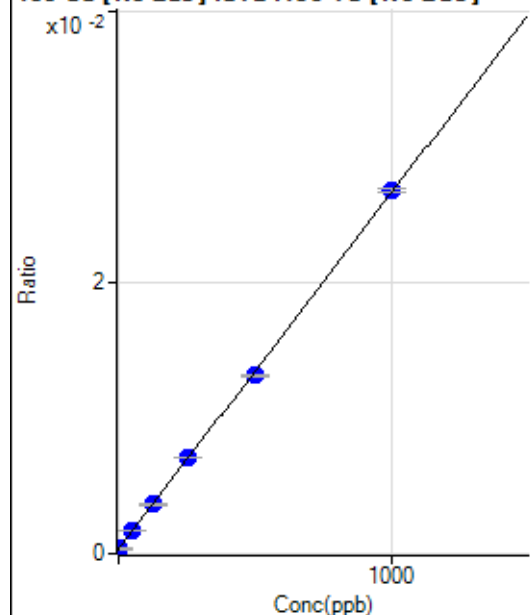
$$R = 0.9993$$

$$DL = 0.01173$$

$$BEC = 0.01388$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1044.53	0.0003	P	1.2
2	☐	0.100					
3	☐	1.000	0.417	1052.85	0.0004	P	12.3
4	☐	50.000	50.148	4870.47	0.0017	P	3.4
5	☐	125.000	124.794	10518.18	0.0036	P	3.8
6	☐	250.000	256.086	20493.23	0.0071	P	0.3
7	☐	500.000	486.785	38260.83	0.0131	P	0.5
8	☐	1000.000	1005.105	78660.09	0.0267	P	1.2
9	☐			936.19	0.0004	P	4.4

$$y = 2.6271\text{E-}005 * x + 3.4440\text{E-}004$$

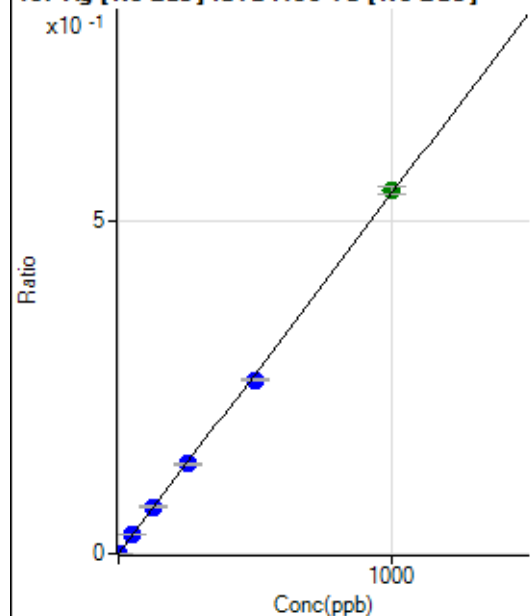
$$R = 0.9999$$

$$DL = 0.4695$$

$$BEC = 13.11$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	114.
2	☐	0.100					
3	☐	1.000	1.025	1658.62	0.0006	P	21.2
4	☐	50.000	51.928	82393.28	0.0281	P	1.5
5	☐	125.000	130.423	205007.35	0.0706	P	1.1
6	☐	250.000	250.256	392573.40	0.1355	P	1.6
7	☐	500.000	482.366	760695.09	0.2611	P	1.5
8	☐	1000.000	1007.979	1604365.74	0.5456	A	2.2
9	☐			266.69	0.0001	P	20.4

$$y = 5.4129\text{E-}004 * x + 5.4877\text{E-}006$$

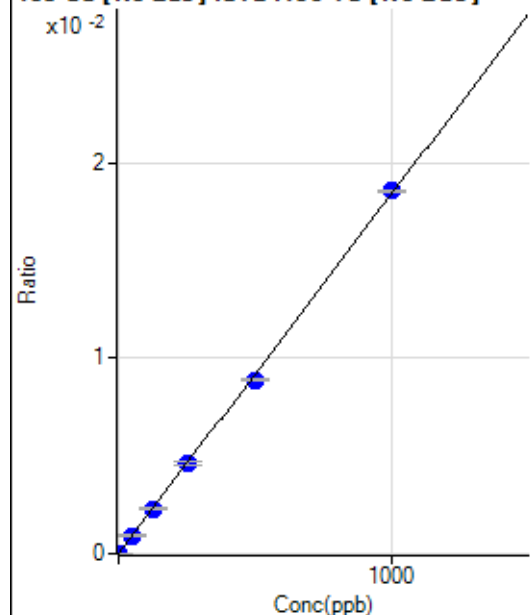
$$R = 0.9997$$

$$DL = 0.03487$$

$$BEC = 0.01014$$

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	5.55	0.0000	P	86.6
2	☐	0.100					
3	☐	1.000	0.921	55.55	0.0000	P	8.9
4	☐	50.000	50.126	2705.86	0.0009	P	3.5
5	☐	125.000	124.989	6676.70	0.0023	P	1.2
6	☐	250.000	250.117	13328.68	0.0046	P	3.3
7	☐	500.000	482.498	25846.03	0.0089	P	1.0
8	☐	1000.000	1008.717	54534.01	0.0185	P	0.3
9	☐			16.66	0.0000	P	86.5

$$y = 1.8383E-005 * x + 1.8318E-006$$

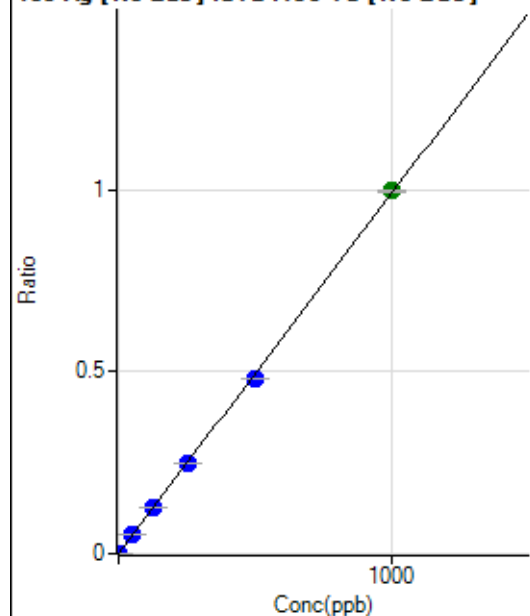
$$R = 0.9998$$

$$DL = 0.2589$$

$$BEC = 0.09965$$

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	11.11	0.0000	P	43.7
2	☐	0.100					
3	☐	1.000	1.048	3089.36	0.0010	P	4.7
4	☐	50.000	51.895	150782.90	0.0514	P	1.0
5	☐	125.000	128.336	369437.51	0.1272	P	0.3
6	☐	250.000	249.977	718099.58	0.2478	P	1.1
7	☐	500.000	485.140	1401137.67	0.4809	P	0.9
8	☐	1000.000	1006.924	2935374.37	0.9982	A	0.5
9	☐			472.25	0.0002	P	21.7

$$y = 9.9133E-004 * x + 3.6665E-006$$

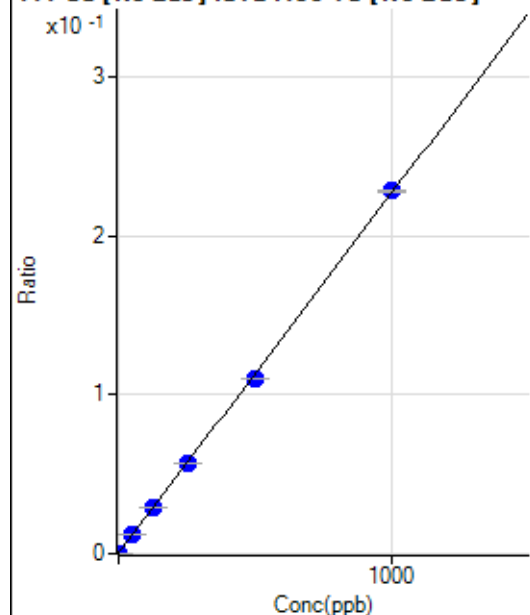
$$R = 0.9998$$

$$DL = 0.004849$$

$$BEC = 0.003699$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	735.62	0.0002	P	1.4
2	☐	0.100					
3	☐	1.000	0.873	1305.08	0.0004	P	6.5
4	☐	50.000	49.999	33926.36	0.0116	P	0.5
5	☐	125.000	126.005	83643.01	0.0288	P	0.4
6	☐	250.000	249.085	164313.81	0.0567	P	0.6
7	☐	500.000	486.720	322141.22	0.1106	P	0.4
8	☐	1000.000	1006.743	671787.61	0.2285	P	0.9
9	☐			782.56	0.0003	P	4.6

$$y = 2.2668\text{E-}004 * x + 2.4254\text{E-}004$$

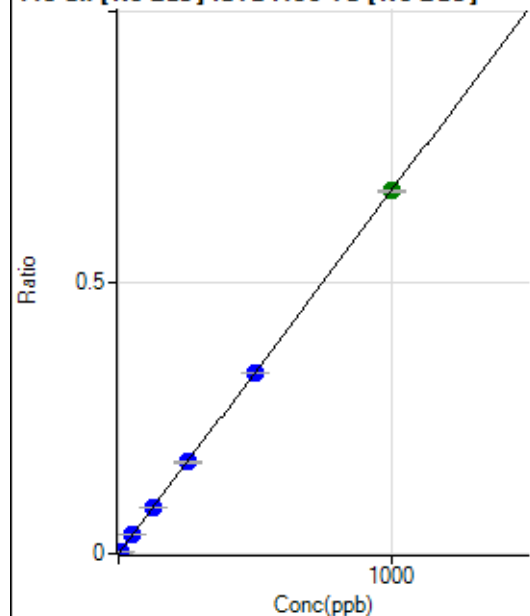
$$R = 0.9999$$

$$DL = 0.04506$$

$$BEC = 1.07$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	116.67	0.0000	P	53.8
2	☐	0.500					
3	☐	5.000	5.477	10971.36	0.0037	P	3.1
4	☐	50.000	51.162	100466.47	0.0343	P	1.3
5	☐	125.000	127.374	247646.55	0.0853	P	0.6
6	☐	250.000	253.339	491417.07	0.1696	P	1.4
7	☐	500.000	498.715	972553.09	0.3338	P	0.4
8	☐	1000.000	999.450	1967165.93	0.6689	A	0.4
9	☐			1055.64	0.0004	P	12.4

$$y = 6.6927\text{E-}004 * x + 3.8433\text{E-}005$$

$$R = 1.0000$$

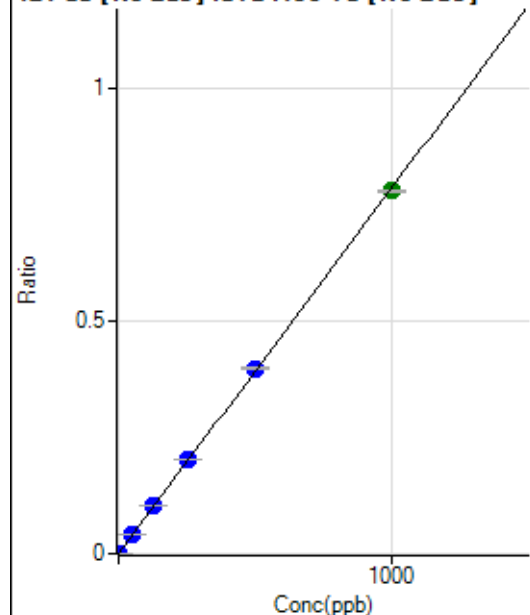
$$DL = 0.09271$$

$$BEC = 0.05742$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.56	0.0000	P	31.9
2	☐	0.200					
3	☐	2.000	1.928	4506.45	0.0015	P	2.9
4	☐	50.000	51.916	119272.35	0.0407	P	1.1
5	☐	125.000	129.476	294688.83	0.1015	P	0.5
6	☐	250.000	259.030	588289.19	0.2030	P	0.7
7	☐	500.000	507.744	1159348.34	0.3979	P	0.8
8	☐	1000.000	993.215	2289132.06	0.7784	A	0.4
9	☐			3300.52	0.0013	P	5.2

$$y = 7.8374\text{E-}004 * x + 1.0082\text{E-}005$$

$$R = 0.9999$$

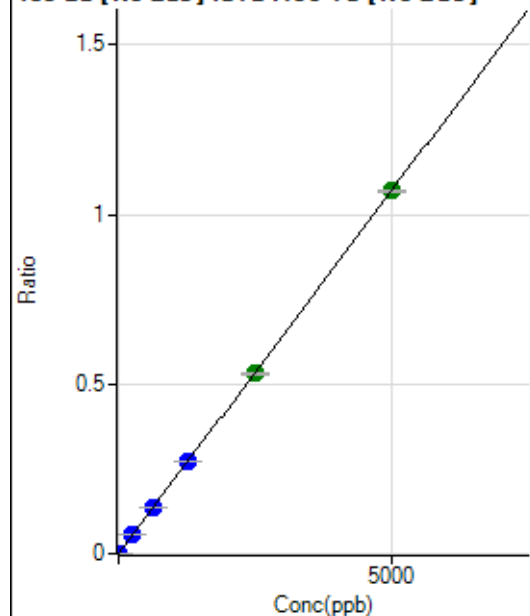
$$DL = 0.01229$$

$$BEC = 0.01286$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.55	0.0000	P	86.6
2	☐	1.000					
3	☐	10.000	10.734	6807.48	0.0023	P	4.5
4	☐	250.000	256.463	160829.73	0.0549	P	0.5
5	☐	625.000	636.082	395211.06	0.1361	P	0.7
6	☐	1250.000	1276.489	791438.56	0.2731	P	0.9
7	☐	2500.000	2484.703	1548891.18	0.5317	A	0.6
8	☐	5000.000	4999.316	3145717.19	1.0697	A	0.5
9	☐			775.05	0.0003	P	4.4

$$y = 2.1397\text{E-}004 * x + 1.8276\text{E-}006$$

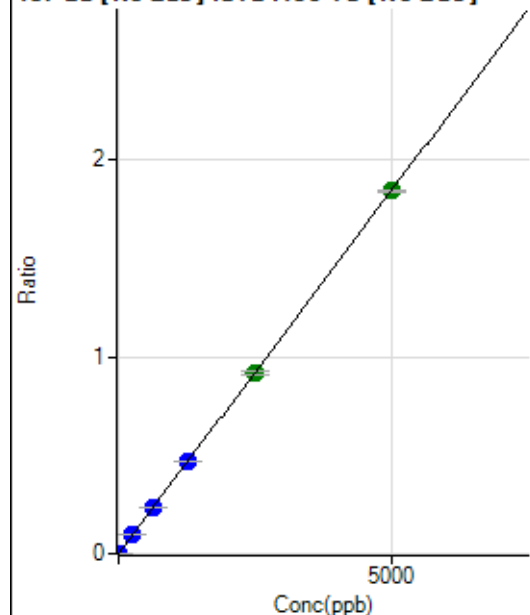
$$R = 1.0000$$

$$DL = 0.02219$$

$$BEC = 0.008541$$

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	8.33	0.0000	P	99.8
2	☐	1.000					
3	☐	10.000	10.409	11377.33	0.0038	P	2.0
4	☐	250.000	259.402	280340.19	0.0957	P	0.9
5	☐	625.000	640.017	685290.97	0.2360	P	0.5
6	☐	1250.000	1275.414	1362805.95	0.4703	P	0.3
7	☐	2500.000	2490.997	2675893.51	0.9185	A	1.4
8	☐	5000.000	4995.800	5417159.45	1.8422	A	0.4
9	☐			1514.04	0.0006	P	11.5

$$y = 3.6874\text{E-}004 * x + 2.7457\text{E-}006$$

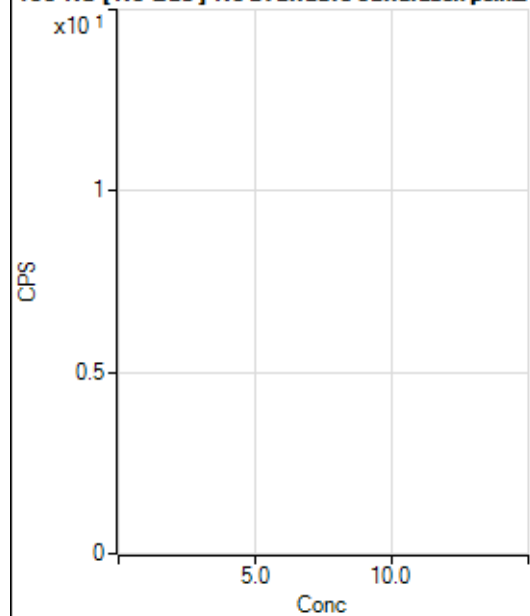
$$R = 1.0000$$

$$DL = 0.02229$$

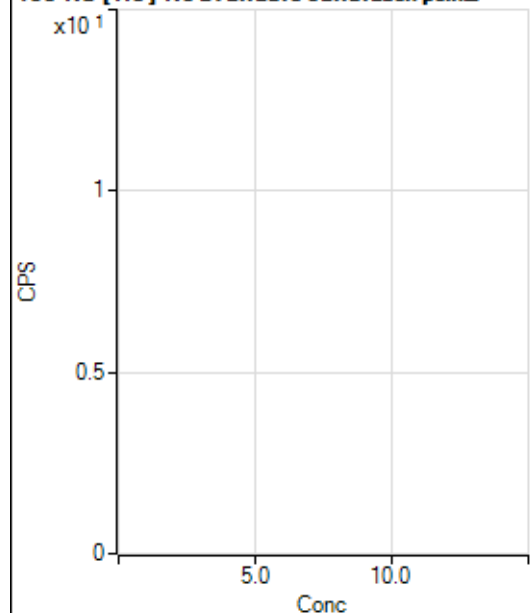
$$BEC = 0.007446$$

Weight: <None>

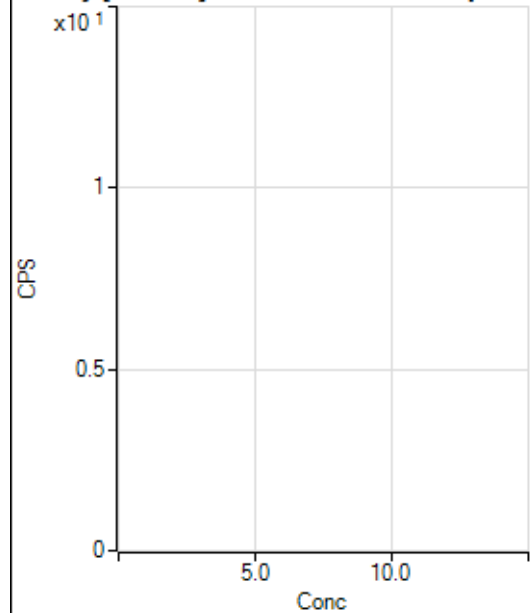
Min Conc: 0

150 Nd [No Gas] No available calibration points

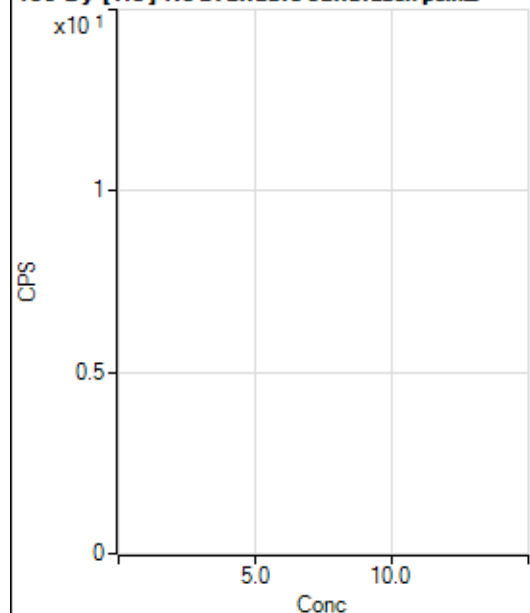
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐						
3	☐			4.45		P	86.6
4	☐			8.89		P	114.
5	☐			35.56		P	10.8
6	☐			68.89		P	40.3
7	☐			120.01		P	41.9
8	☐			235.57		P	11.4
9	☐			48.89		P	41.7

150 Nd [He] No available calibration points

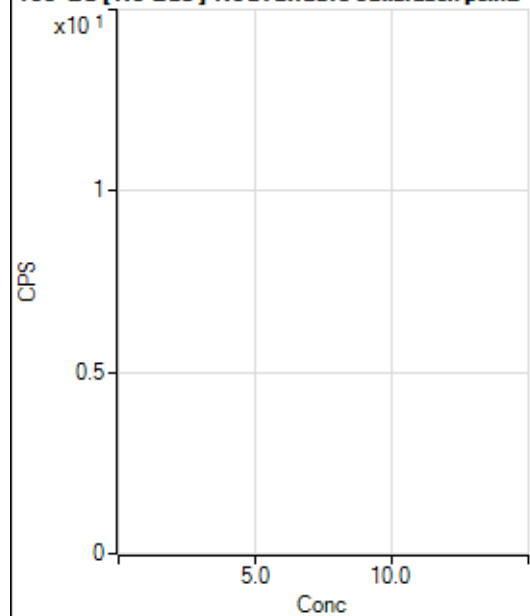
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			1.11		P	173.
5	☐			4.44		P	114.
6	☐			7.78		P	49.5
7	☐			17.78		P	84.6
8	☐			24.44		P	41.7
9	☐			21.11		P	18.2

156 Dy [No Gas] No available calibration points

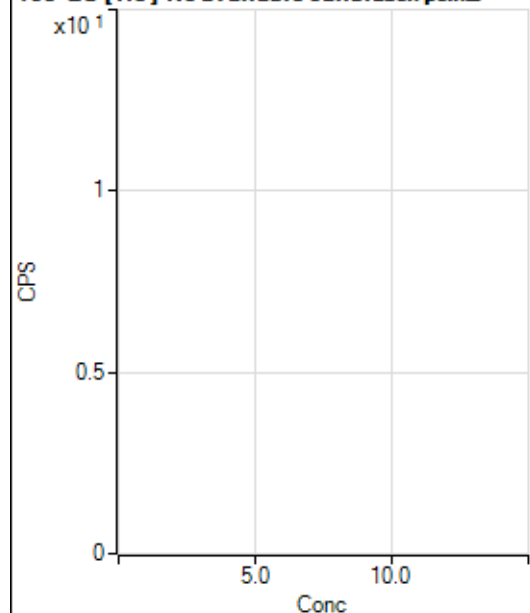
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			8.33		P	100.
5	☐			5.55		P	86.6
6	☐			16.67		P	50.0
7	☐			27.78		P	34.6
8	☐			58.34		P	37.8
9	☐			33.33		P	25.0

156 Dy [He] No available calibration points

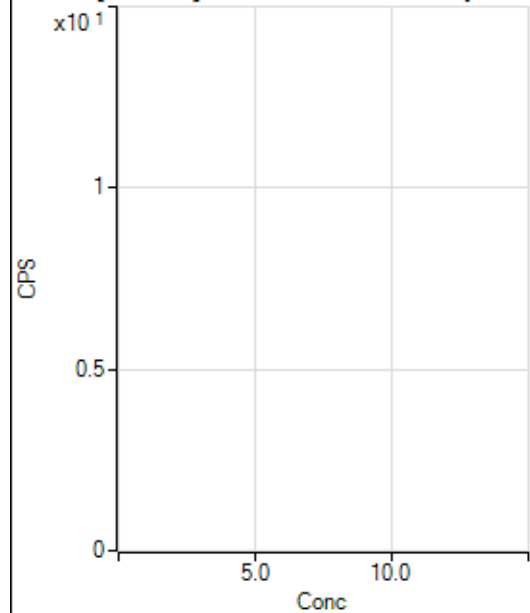
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			3.33		P	0.0
4	☐			2.22		P	86.6
5	☐			11.11		P	34.6
6	☐			11.11		P	34.6
7	☐			44.45		P	8.7
8	☐			56.67		P	25.6
9	☐			12.22		P	56.8

160 Gd [No Gas] Noavailable calibration poin_

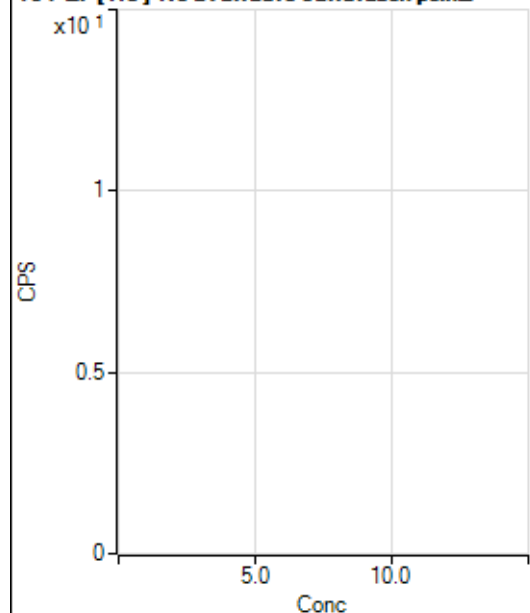
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	173.
2	☐						
3	☐			19.45		P	24.7
4	☐			19.45		P	24.7
5	☐			11.11		P	114.
6	☐			30.56		P	87.7
7	☐			38.89		P	44.6
8	☐			25.00		P	33.3
9	☐			50.00		P	33.3

160 Gd [He] No available calibration points

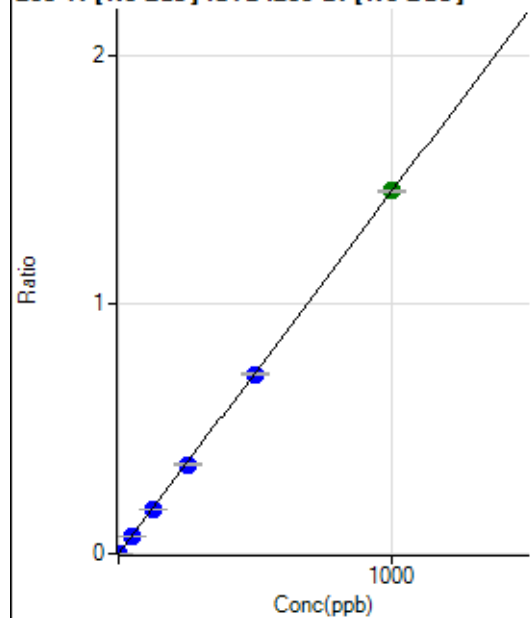
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			52.22		P	25.8
2	☐						
3	☐			50.00		P	30.5
4	☐			47.78		P	35.8
5	☐			65.56		P	11.7
6	☐			51.11		P	41.9
7	☐			54.45		P	12.7
8	☐			64.44		P	3.0
9	☐			65.56		P	7.8

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	100.
2	☐						
3	☐			16.67		P	86.6
4	☐			19.44		P	99.0
5	☐			22.22		P	43.3
6	☐			5.55		P	86.6
7	☐			16.67		P	50.0
8	☐			13.89		P	69.3
9	☐			11.11		P	86.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐						
3	☐			2.22		P	173.
4	☐			2.22		P	173.
5	☐			6.67		P	100.
6	☐			3.33		P	0.0
7	☐			13.34		P	43.3
8	☐			3.33		P	0.0
9	☐			6.67		P	50.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	116.67	0.0001	P	38.2
2	☐	0.100					
3	☐	1.000	0.960	2194.73	0.0015	P	4.5
4	☐	50.000	48.506	103595.02	0.0705	P	1.2
5	☐	125.000	123.011	259263.14	0.1786	P	0.7
6	☐	250.000	246.552	517432.40	0.3580	P	1.0
7	☐	500.000	496.115	1025529.06	0.7203	P	0.9
8	☐	1000.000	1003.128	2052788.24	1.4563	A	0.5
9	☐			927.85	0.0008	P	10.1

$$y = 0.0015 * x + 7.5650E-005$$

$$R = 1.0000$$

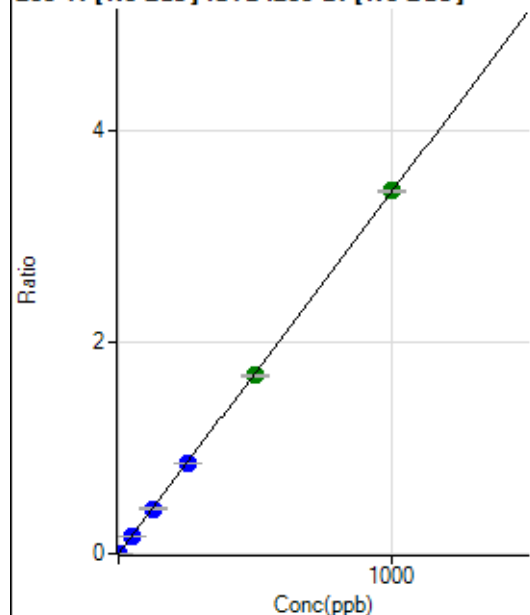
$$DL = 0.05976$$

$$BEC = 0.05211$$

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	275.02	0.0002	P	12.3
2	☐	0.100					
3	☐	1.000	0.972	5234.57	0.0035	P	2.4
4	☐	50.000	48.810	245817.65	0.1673	P	1.2
5	☐	125.000	124.640	619462.68	0.4269	P	0.8
6	☐	250.000	248.474	1229689.95	0.8508	P	0.6
7	☐	500.000	493.882	2407436.04	1.6909	A	0.9
8	☐	1000.000	1003.545	4842746.55	3.4356	A	0.4
9	☐			2311.41	0.0019	P	3.9

$$y = 0.0034 * x + 1.7800E-004$$

$$R = 1.0000$$

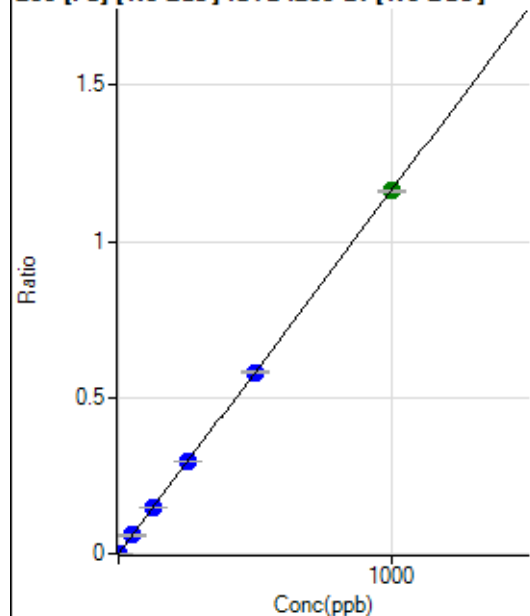
$$DL = 0.01911$$

$$BEC = 0.052$$

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	22.6
2	☐	0.100					
3	☐	1.000	1.009	1811.29	0.0012	P	1.9
4	☐	50.000	50.374	86199.88	0.0587	P	1.8
5	☐	125.000	128.610	217237.02	0.1497	P	0.9
6	☐	250.000	254.753	428517.09	0.2965	P	0.1
7	☐	500.000	499.422	827467.56	0.5812	P	0.7
8	☐	1000.000	998.631	1637996.20	1.1620	A	0.7
9	☐			1639.04	0.0014	P	5.4

$$y = 0.0012 * x + 3.8318E-005$$

$$R = 1.0000$$

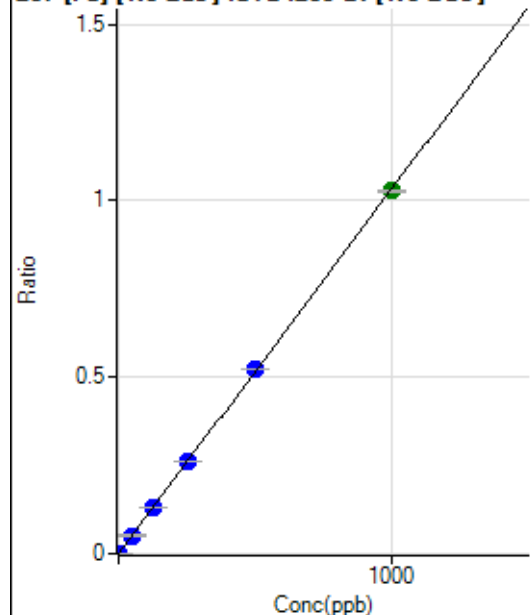
$$DL = 0.0223$$

$$BEC = 0.03293$$

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	79.63	0.0001	P	37.8
2	☐	0.100					
3	☐	1.000	0.999	1616.82	0.0011	P	2.9
4	☐	50.000	49.799	75577.11	0.0514	P	2.1
5	☐	125.000	127.155	190448.29	0.1312	P	1.4
6	☐	250.000	252.986	377322.96	0.2611	P	1.2
7	☐	500.000	506.630	744265.63	0.5227	P	0.9
8	☐	1000.000	995.679	1448036.65	1.0273	A	0.4
9	☐			1392.71	0.0012	P	6.5

$$y = 0.0010 * x + 5.1525E-005$$

$$R = 1.0000$$

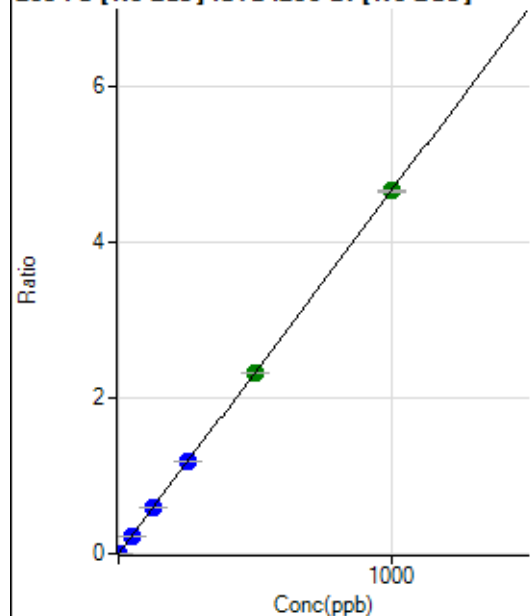
$$DL = 0.05665$$

$$BEC = 0.04994$$

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	301.86	0.0002	P	16.4
2	☐	0.100					
3	☐	1.000	0.983	7130.57	0.0048	P	2.4
4	☐	50.000	49.866	341492.11	0.2324	P	1.4
5	☐	125.000	126.602	855720.04	0.5897	P	1.1
6	☐	250.000	253.346	1705270.80	1.1798	P	0.5
7	☐	500.000	498.683	3306214.52	2.3221	A	0.6
8	☐	1000.000	999.628	6560904.46	4.6545	A	0.8
9	☐			6208.16	0.0052	P	0.7

$$y = 0.0047 * x + 1.9531E-004$$

$$R = 1.0000$$

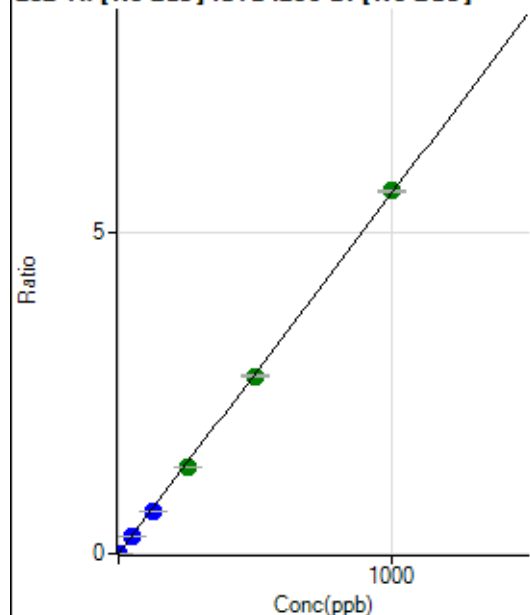
$$DL = 0.02062$$

$$BEC = 0.04195$$

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	40.74	0.0000	P	28.2
2	☐	0.100					
3	☐	1.000	0.835	7039.18	0.0047	P	6.3
4	☐	50.000	46.957	387525.03	0.2637	P	0.7
5	☐	125.000	119.515	973937.89	0.6711	P	0.9
6	☐	250.000	239.859	1946764.50	1.3468	A	0.5
7	☐	500.000	492.248	3935420.57	2.7640	A	0.8
8	☐	1000.000	1007.249	7972372.34	5.6558	A	0.3
9	☐			2339.17	0.0020	P	13.1

$$y = 0.0056 * x + 2.6388E-005$$

$$R = 0.9999$$

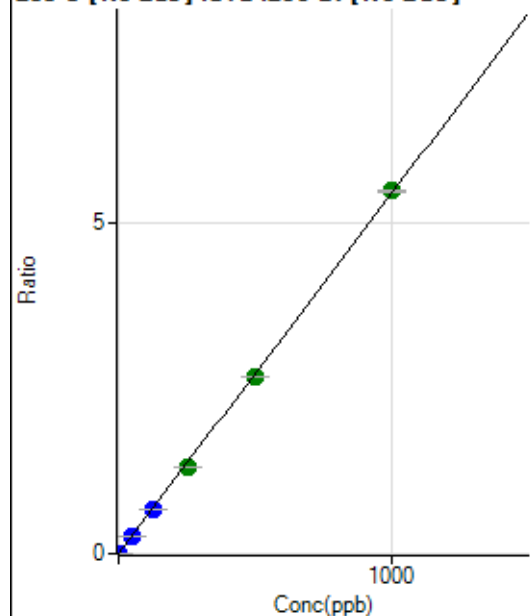
$$DL = 0.00398$$

$$BEC = 0.004699$$

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	16.67	0.0000	P	51.0
2	☐	0.100					
3	☐	1.000	0.897	7305.15	0.0049	P	2.4
4	☐	50.000	47.263	377808.22	0.2571	P	1.0
5	☐	125.000	120.792	953481.50	0.6570	P	0.9
6	☐	250.000	240.765	1892850.15	1.3096	A	0.3
7	☐	500.000	491.007	3802567.99	2.6707	A	0.3
8	☐	1000.000	1007.468	7724142.36	5.4798	A	0.7
9	☐			1400.14	0.0012	P	12.2

$$y = 0.0054 * x + 1.0835E-005$$

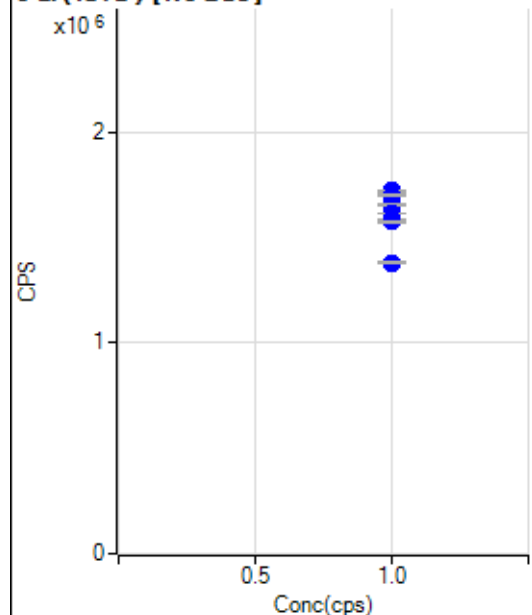
$$R = 0.9999$$

$$DL = 0.003047$$

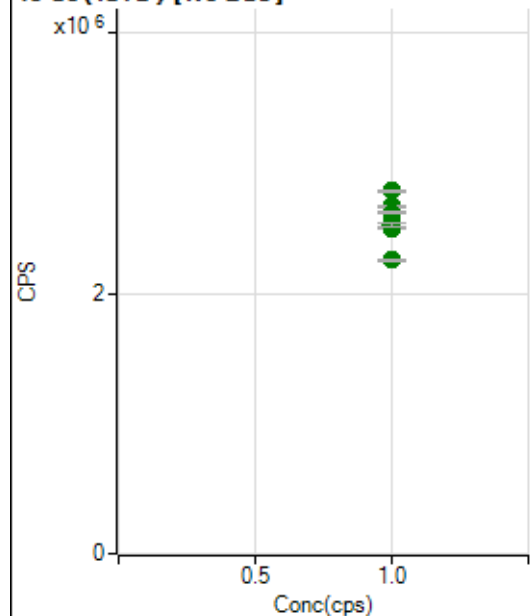
$$BEC = 0.001992$$

Weight: <None>

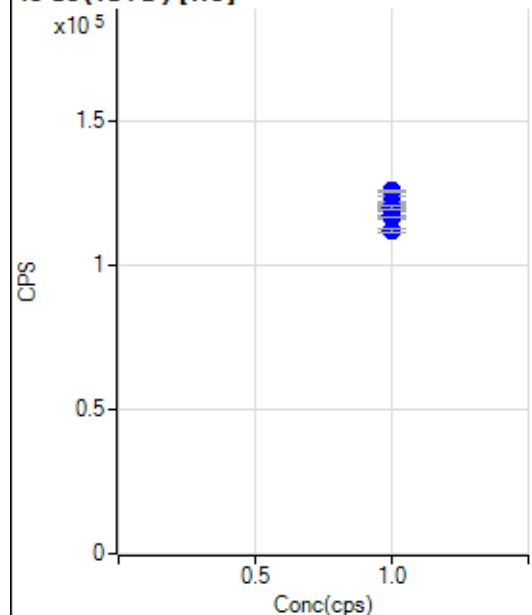
Min Conc: 0

6 Li (ISTD) [No Gas]

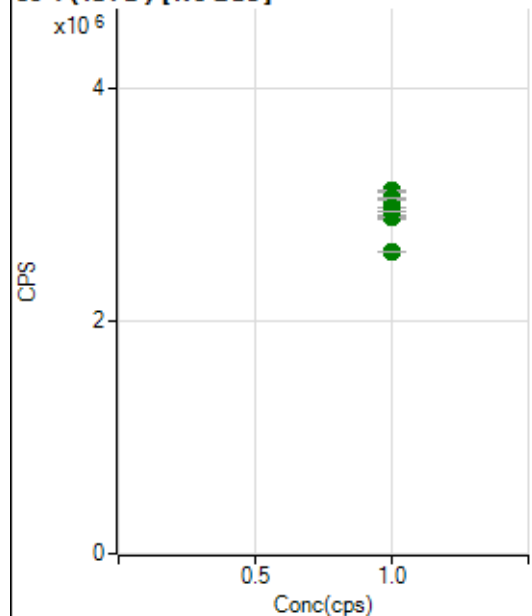
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1710308.66		P	0.6
2	☐	1.000					
3	☐	1.000		1720191.93		P	0.7
4	☐	1.000		1698971.89		P	0.9
5	☐	1.000		1652764.36		P	0.4
6	☐	1.000		1616044.85		P	0.2
7	☐	1.000		1583457.13		P	0.8
8	☐	1.000		1573408.63		P	0.8
9	☐	1.000		1379230.70		P	0.7

45 Sc (ISTD) [No Gas]

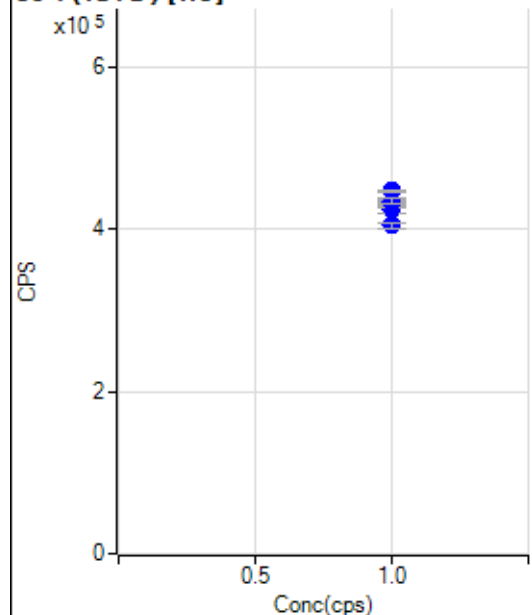
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2786254.42		A	0.6
2	☐	1.000					
3	☐	1.000		2667706.42		A	0.4
4	☐	1.000		2620980.14		A	0.3
5	☐	1.000		2544152.68		A	0.1
6	☐	1.000		2496340.96		A	0.2
7	☐	1.000		2502717.96		A	0.6
8	☐	1.000		2522233.26		A	0.9
9	☐	1.000		2254097.17		A	0.8

45 Sc (ISTD) [He]

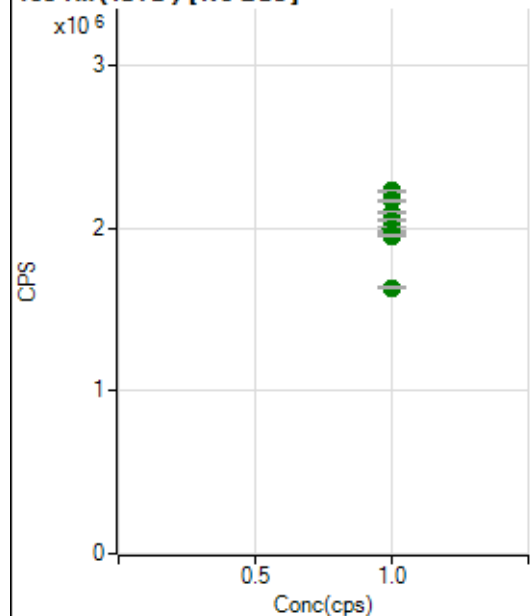
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		123826.42		P	0.3
2	☐	1.000					
3	☐	1.000		125677.83		P	0.8
4	☐	1.000		121739.79		P	0.7
5	☐	1.000		119536.50		P	0.8
6	☐	1.000		116603.10		P	0.7
7	☐	1.000		117474.54		P	1.4
8	☐	1.000		119994.52		P	1.0
9	☐	1.000		112092.28		P	1.3

89 Y (ISTD) [No Gas]

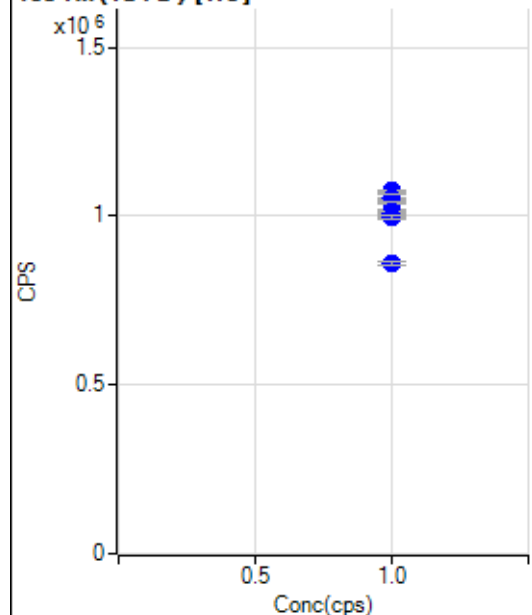
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3118455.89		A	0.5
2	☐	1.000					
3	☐	1.000		3049840.58		A	0.5
4	☐	1.000		2977392.73		A	0.3
5	☐	1.000		2912310.65		A	0.2
6	☐	1.000		2884473.05		A	0.7
7	☐	1.000		2901537.98		A	0.4
8	☐	1.000		2944108.43		A	0.3
9	☐	1.000		2593253.02		A	0.2

89 Y (ISTD) [He]

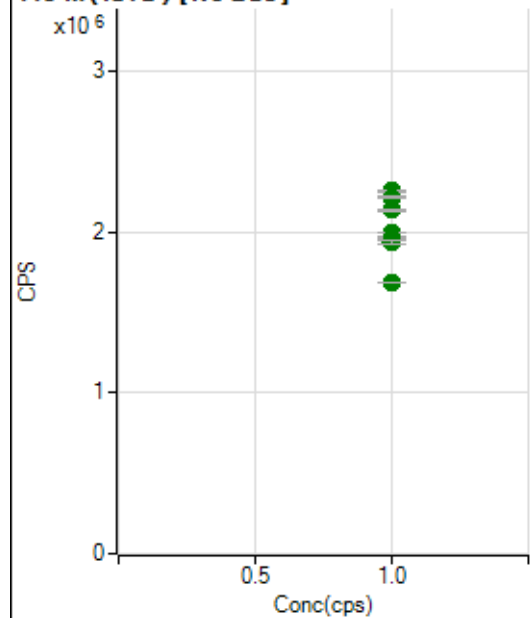
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		434741.58		P	0.3
2	☐	1.000					
3	☐	1.000		447522.27		P	0.4
4	☐	1.000		433571.46		P	0.9
5	☐	1.000		430397.88		P	1.0
6	☐	1.000		423732.54		P	1.4
7	☐	1.000		428120.77		P	1.0
8	☐	1.000		435224.70		P	1.1
9	☐	1.000		405378.99		P	1.7

103 Rh (ISTD) [No Gas]

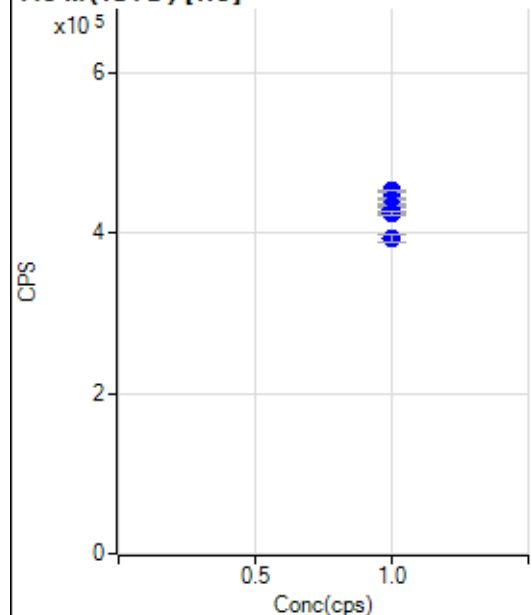
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2231147.38		A	0.7
2	☐	1.000					
3	☐	1.000		2171958.30		A	0.2
4	☐	1.000		2098575.96		A	0.9
5	☐	1.000		2049856.45		A	0.7
6	☐	1.000		1998445.60		A	1.1
7	☐	1.000		1966326.74		A	0.7
8	☐	1.000		1955042.08		A	0.3
9	☐	1.000		1637092.62		A	0.4

103 Rh (ISTD) [He]

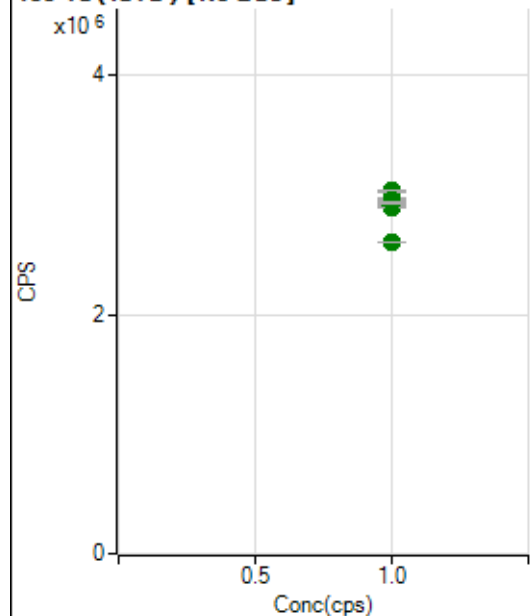
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1051199.50		P	0.3
2	☐	1.000					
3	☐	1.000		1074012.94		P	0.6
4	☐	1.000		1055771.00		P	1.4
5	☐	1.000		1038160.44		P	0.4
6	☐	1.000		1013871.91		P	1.4
7	☐	1.000		1006719.11		P	1.9
8	☐	1.000		997851.69		P	1.0
9	☐	1.000		857219.75		P	1.3

115 In (ISTD) [No Gas]

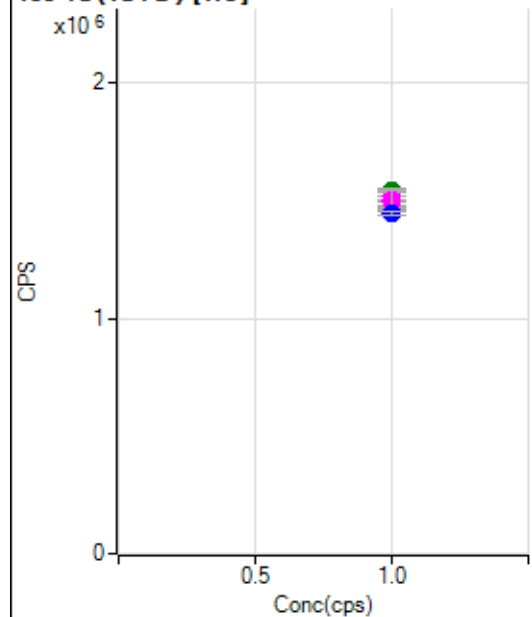
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2136379.25		A	0.4
2	☐	1.000					
3	☐	1.000		2254617.62		A	0.5
4	☐	1.000		2212454.64		A	0.4
5	☐	1.000		1995359.31		A	0.6
6	☐	1.000		1959781.85		A	0.7
7	☐	1.000		1957287.36		A	0.8
8	☐	1.000		1937030.98		A	0.7
9	☐	1.000		1684399.64		A	0.6

115 In (ISTD) [He]

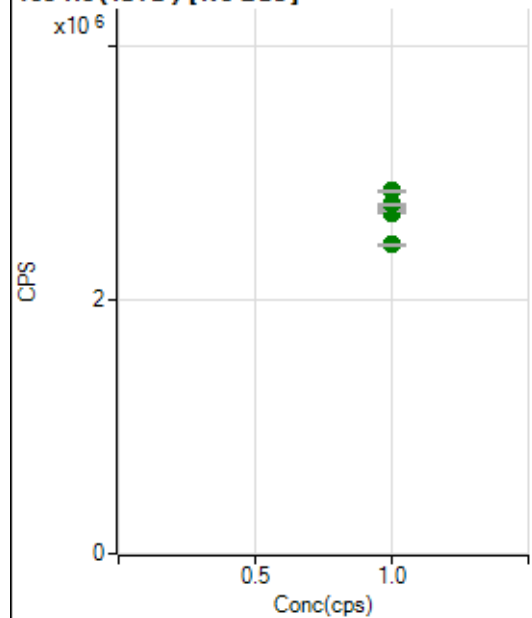
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		441992.54		P	0.2
2	☐	1.000					
3	☐	1.000		452340.21		P	0.7
4	☐	1.000		441903.14		P	0.6
5	☐	1.000		435098.88		P	1.1
6	☐	1.000		428568.82		P	1.3
7	☐	1.000		429197.69		P	1.7
8	☐	1.000		425114.49		P	1.1
9	☐	1.000		393615.56		P	2.1

159 Tb (ISTD) [No Gas]

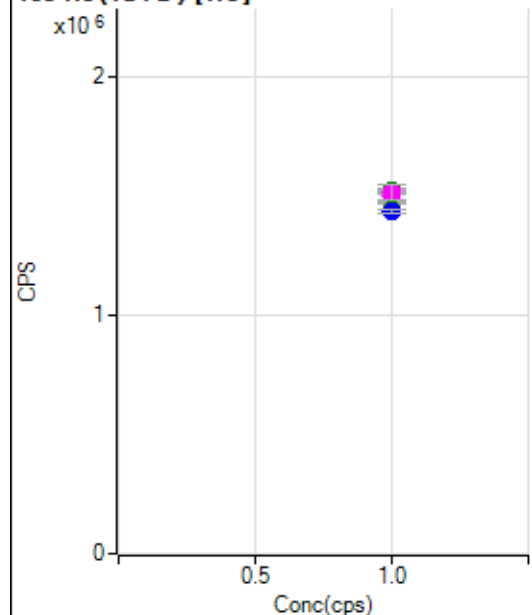
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3032983.46		A	0.3
2	☐	1.000					
3	☐	1.000		2961949.40		A	0.5
4	☐	1.000		2930704.92		A	0.2
5	☐	1.000		2903776.38		A	0.7
6	☐	1.000		2897746.52		A	0.7
7	☐	1.000		2913452.25		A	1.0
8	☐	1.000		2940668.43		A	0.6
9	☐	1.000		2601534.14		A	0.4

159 Tb (ISTD) [He]

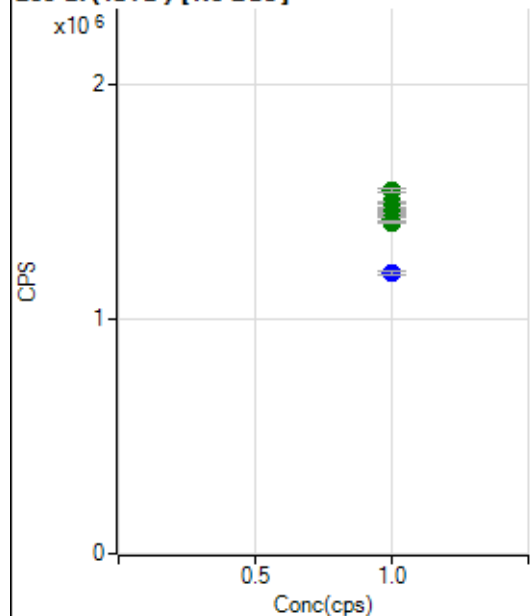
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1542161.12		A	0.6
2	☐	1.000					
3	☐	1.000		1499564.19		A	0.9
4	☐	1.000		1475009.47		A	1.0
5	☐	1.000		1492504.92		M	3.3
6	☐	1.000		1522249.96		M	3.5
7	☐	1.000		1495164.95		M	5.4
8	☐	1.000		1504306.04		M	5.1
9	☐	1.000		1446848.11		P	1.5

165 Ho (ISTD) [No Gas]

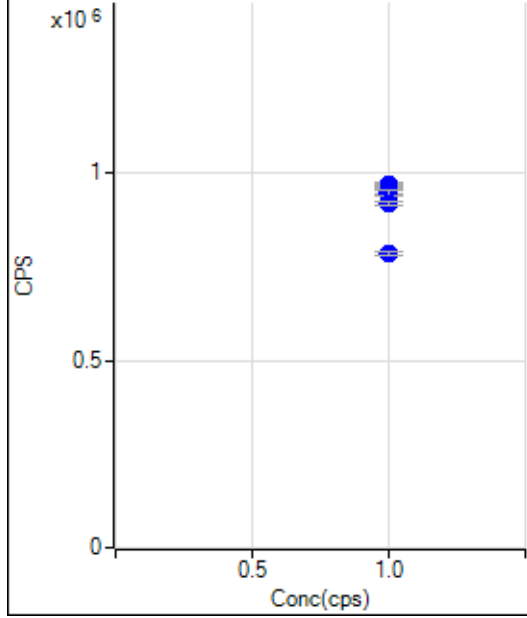
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2861377.34		A	0.3
2	☐	1.000					
3	☐	1.000		2740832.55		A	1.1
4	☐	1.000		2704454.51		A	0.8
5	☐	1.000		2687905.29		A	0.8
6	☐	1.000		2699215.23		A	0.4
7	☐	1.000		2702011.30		A	0.7
8	☐	1.000		2755548.67		A	0.5
9	☐	1.000		2438148.62		A	0.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1524520.01		A	0.3
2	☐	1.000					
3	☐	1.000		1476829.72		A	0.9
4	☐	1.000		1488429.51		M	2.7
5	☐	1.000		1449365.52		A	0.1
6	☐	1.000		1506575.45		M	4.1
7	☐	1.000		1520107.06		M	3.9
8	☐	1.000		1448213.92		A	0.1
9	☐	1.000		1440569.56		P	1.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1543938.97		A	1.1
2	☐	1.000					
3	☐	1.000		1493558.42		A	0.5
4	☐	1.000		1469664.15		A	0.8
5	☐	1.000		1451309.45		A	0.9
6	☐	1.000		1445405.86		A	0.3
7	☐	1.000		1423839.41		A	0.6
8	☐	1.000		1409590.20		A	0.3
9	☐	1.000		1197012.41		P	1.3

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		959402.51		P	0.8
2	☐	1.000					
3	☐	1.000		968085.38		P	1.4
4	☐	1.000		967488.94		P	0.3
5	☐	1.000		958199.73		P	0.5
6	☐	1.000		950528.25		P	1.2
7	☐	1.000		945430.63		P	1.6
8	☐	1.000		919968.41		P	1.3
9	☐	1.000		784543.06		P	1.5

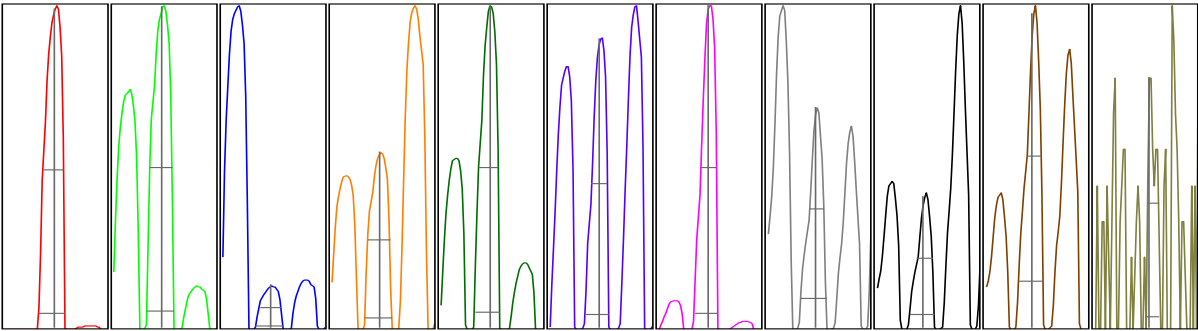
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P7071719-MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]				
Mass	Count	RSD%	RSD%	RSD%
	(Mean)	(Actual)	(Required)	(Flag)
9	6498	1.25	5.00	
24	58385	1.04	5.00	
25	7785	0.93	5.00	
26	8835	0.84	5.00	
59	27609	0.67	5.00	
113	2519	0.70	5.00	
115	30904	1.15	5.00	
206	6588	1.13	5.00	
207	6240	0.93	5.00	
208	14215	0.83	5.00	
220	0	34.23		

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
9	6382	6452	6516	6561	6580
24	57743	57731	58585	58930	58934
25	7674	7763	7795	7865	7828
26	8710	8821	8874	8890	8879
59	27372	27589	27595	27599	27891
113	2535	2531	2528	2493	2509
115	31399	31167	30644	30630	30683
206	6487	6534	6663	6623	6636
207	6169	6197	6243	6283	6309
208	14085	14135	14187	14379	14287
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak	Axis	Axis	Axis	Width-X%	Width-X%	Width-
	Height	(Actual)	(Required)	(Flag)	(Actual)	(Required)	X% (Flag)
9	11282	9.00	8.9 - 9.1		0.760	0.900	
24	97538	23.95	23.9 - 24.1		0.784	0.900	
25	13061	24.95	24.9 - 25.1		0.784	0.900	
26	14976	25.95	25.9 - 26.1		0.780	0.900	
59	50986	59.00	58.9 - 59.1		0.733	0.900	
113	5241	113.00	112.9 - 113.1		0.683	0.900	
115	64512	115.00	114.9 - 115.1		0.686	0.900	
206	14090	205.95	205.9 - 206.1		0.728	0.900	
207	12542	206.90	206.9 - 207.1		0.705	0.900	
208	29983	207.90	207.9 - 208.1		0.704	0.900	
220	0	220.15	-		0.392		

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	7.5	V	Deflect	14.0	V
Extract 2	-130.0	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	RSD%	RSD%
	(Mean)	(Actual)	(Required)
59	6834	1.58	
89	9843	1.81	
205	6125	1.00	

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
59	6794	6851	7009	6722	6792
89	9798	9830	10148	9738	9699
205	6120	6130	6224	6064	6086

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	2.4	V
Extract 2	-150.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-75	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 13:55:28	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.05	0.05	-0.10	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.08	-0.04	-0.04	0.00	N/A	ppb
Barium	135-1	0.00	-0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.01	0.00	-0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	-0.01	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.02	-0.25	0.23	0.00	N/A	ppb
Boron	11-1	0.11	0.05	-0.15	0.00	N/A	ppb
Cadmium	111-1	-0.02	0.01	0.01	0.00	N/A	ppb
Cadmium	106-1	-0.18	0.12	0.06	0.00	N/A	ppb
Cadmium	108-1	0.05	0.05	-0.10	0.00	N/A	ppb
Calcium	43-1	-0.01	0.03	-0.03	0.00	N/A	ppb
Calcium	44-1	0.28	0.80	-1.08	0.00	N/A	ppb
Chromium	52-2	0.04	-0.05	0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.01	0.02	-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	-0.08	0.15	-0.07	0.00	N/A	ppb
Iron	57-2	-1.13	0.58	0.55	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.02	0.00	-0.02	0.00	N/A	ppb
Lead	208-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.02	-0.02	0.04	0.00	N/A	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 13:55:28 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	94-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.00	0.02	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	-0.01	0.00	N/A	ppb
Phosphorus	31-2	-21.86	-32.68	-40.85	-31.80		ppb
Potassium	39-2	0.29	3.17	-3.46	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.71	-0.36	-0.36	0.00	N/A	ppb
Selenium	78-2	-0.52	-0.01	0.53	0.00	N/A	ppb
Selenium	82-1	-0.35	0.33	0.02	0.00	N/A	ppb
Silicon	28-1	0.35	-0.20	-0.15	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	-0.01	0.01	0.00	N/A	ppb
Sodium	23-2	-0.57	0.86	-0.29	0.00	N/A	ppb
Strontium	86-1	-0.02	0.02	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-254.64	-219.21	-390.44	-288.10		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.02	-0.02	0.00	N/A	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	-0.03	0.03	0.00	N/A	ppb
Titanium	47-1	-0.01	-0.01	0.01	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 :	LB104039	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 13:55:28	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.03	-0.03	0.07	0.00	N/A	ppb
Zirconium	90-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Zirconium	91-1	0.01	0.01	-0.02	0.00	N/A	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:03:29	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.88	15.91	19.97	19.25	15.85	ppb
Antimony	121-1	1.93	1.98	1.87	1.93	2.97	ppb
Arsenic	75-2	0.82	1.14	0.91	0.96	16.92	ppb
Barium	135-1	10.93	10.18	11.09	10.73	4.49	ppb
Barium	137-1	10.47	10.58	10.18	10.41	2.01	ppb
Beryllium	9-1	1.05	1.12	1.06	1.07	3.30	ppb
Bismuth	209-1				97		%
Bismuth	209-2				101		%
Boron	10-1	23.86	24.44	25.76	24.69	3.95	ppb
Boron	11-1	24.75	25.27	25.51	25.18	1.53	ppb
Cadmium	111-1	0.85	1.01	0.76	0.87	14.36	ppb
Cadmium	106-1	-0.08	2.27	-0.94	0.42	398.62	ppb
Cadmium	108-1	0.82	0.97	0.98	0.92	9.87	ppb
Calcium	43-1	474.99	499.07	500.09	491.39	2.89	ppb
Calcium	44-1	496.77	493.81	488.06	492.88	0.90	ppb
Chromium	52-2	2.07	2.06	2.01	2.05	1.55	ppb
Cobalt	59-2	1.01	1.05	1.10	1.05	4.47	ppb
Copper	63-2	2.16	2.28	2.17	2.21	3.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				97		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	59.45	56.63	58.29	58.12	2.44	ppb
Iron	57-2	55.51	60.48	56.13	57.37	4.72	ppb
Krypton	83-1						cps
Lead	206-1	1.03	1.00	0.99	1.01	1.97	ppb
Lead	207-1	0.97	1.03	1.00	1.00	3.06	ppb
Lead	208-1	0.98	1.01	0.96	0.98	2.48	ppb
Lithium	6-1				101		%
Magnesium	24-2	547.14	542.06	548.22	545.81	0.60	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:03:29	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.10	1.12	1.16	1.13	2.52	ppb
Molybdenum	94-1	4.57	4.34	4.51	4.47	2.64	ppb
Molybdenum	95-1	4.37	4.25	4.30	4.30	1.38	ppb
Molybdenum	96-1	4.33	4.31	4.35	4.33	0.55	ppb
Molybdenum	97-1	4.81	4.59	4.39	4.60	4.55	ppb
Molybdenum	98-1	4.20	4.14	4.17	4.17	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.42	1.28	1.26	13.69	ppb
Phosphorus	31-2	25.46	39.63	30.31	31.80	22.66	ppb
Potassium	39-2	513.27	511.54	497.09	507.30	1.75	ppb
Rhodium	103-1				97		%
Rhodium	103-2				102		%
Scandium	45-1				96		%
Scandium	45-2				101		%
Selenium	77-2	11.02	10.04	10.99	10.68	5.20	ppb
Selenium	78-2	6.69	4.19	2.78	4.55	43.56	ppb
Selenium	82-1	5.92	6.24	5.59	5.92	5.48	ppb
Silicon	28-1	9.61	9.41	9.02	9.35	3.22	ppb
Silver	109-1	1.08	1.07	0.99	1.05	4.67	ppb
Silver	107-1	0.91	0.89	1.28	1.03	21.42	ppb
Sodium	23-2	532.54	523.23	530.55	528.77	0.93	ppb
Strontium	86-1	0.91	0.94	0.77	0.87	10.41	ppb
Strontium	88-1	1.00	0.97	1.04	1.00	3.27	ppb
Sulfur	34-1	220.20	321.54	322.54	288.10	20.41	ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	1.00	0.98	0.91	0.96	4.74	ppb
Thallium	205-1	1.00	0.97	0.95	0.97	2.51	ppb
Thorium	232-1	0.89	0.79	0.82	0.83	6.33	ppb
Tin	118-1	5.28	5.57	5.58	5.48	3.11	ppb
Titanium	47-1	4.16	4.30	4.26	4.24	1.81	ppb
Uranium	238-1	0.88	0.92	0.89	0.90	2.41	ppb
Vanadium	51-2	5.32	5.37	5.33	5.34	0.54	ppb
Yttrium	89-1				98		%
Yttrium	89-2				103		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:03:29	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.37	2.24	2.03	2.21	7.63	ppb
Zirconium	90-1	0.91	0.91	0.96	0.93	3.47	ppb
Zirconium	91-1	0.97	0.88	0.84	0.90	7.63	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:07:39	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1011.33	993.31	981.61	995.42	1.50	ppb
Antimony	121-1	51.58	52.58	51.59	51.92	1.10	ppb
Arsenic	75-2	50.41	50.54	51.20	50.72	0.83	ppb
Barium	135-1	256.25	255.40	257.74	256.46	0.46	ppb
Barium	137-1	258.64	257.53	262.04	259.40	0.91	ppb
Beryllium	9-1	52.40	52.32	51.75	52.16	0.68	ppb
Bismuth	209-1				95		%
Bismuth	209-2				101		%
Boron	10-1	50.64	50.91	51.94	51.16	1.34	ppb
Boron	11-1	50.34	50.22	50.61	50.39	0.39	ppb
Cadmium	111-1	49.71	50.16	50.13	50.00	0.51	ppb
Cadmium	106-1	52.37	49.96	48.11	50.15	4.26	ppb
Cadmium	108-1	48.62	49.69	52.07	50.13	3.52	ppb
Calcium	43-1	4862.10	4981.33	4942.06	4928.49	1.23	ppb
Calcium	44-1	4904.22	4894.59	4851.66	4883.49	0.57	ppb
Chromium	52-2	52.57	52.32	52.30	52.40	0.28	ppb
Cobalt	59-2	53.30	52.87	52.30	52.82	0.95	ppb
Copper	63-2	106.47	105.47	105.46	105.80	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				98		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	2594.17	2532.62	2533.17	2553.32	1.39	ppb
Iron	57-2	2651.63	2672.11	2610.44	2644.73	1.19	ppb
Krypton	83-1						cps
Lead	206-1	49.34	50.85	50.94	50.37	1.78	ppb
Lead	207-1	48.75	50.79	49.85	49.80	2.05	ppb
Lead	208-1	49.22	50.65	49.73	49.87	1.45	ppb
Lithium	6-1				99		%
Magnesium	24-2	5301.22	5219.90	5246.75	5255.95	0.79	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:07:39	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	104.31	104.54	104.77	104.54	0.22	ppb
Molybdenum	94-1	245.71	244.53	246.24	245.49	0.36	ppb
Molybdenum	95-1	241.32	237.83	238.40	239.18	0.78	ppb
Molybdenum	96-1	241.40	242.50	240.98	241.63	0.32	ppb
Molybdenum	97-1	243.69	244.79	241.27	243.25	0.74	ppb
Molybdenum	98-1	238.28	239.69	237.14	238.37	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.54	50.39	52.52	52.15	3.08	ppb
Phosphorus	31-2	880.37	950.13	1082.70	971.07	10.58	ppb
Potassium	39-2	2539.74	2519.88	2522.43	2527.35	0.43	ppb
Rhodium	103-1				94		%
Rhodium	103-2				100		%
Scandium	45-1				94		%
Scandium	45-2				98		%
Selenium	77-2	45.76	50.15	48.29	48.07	4.58	ppb
Selenium	78-2	50.18	55.92	51.68	52.59	5.66	ppb
Selenium	82-1	52.99	51.47	52.12	52.19	1.45	ppb
Silicon	28-1	57.55	58.58	58.85	58.33	1.18	ppb
Silver	109-1	52.44	51.46	51.79	51.89	0.96	ppb
Silver	107-1	52.84	51.49	51.46	51.93	1.51	ppb
Sodium	23-2	5178.67	5134.61	5111.13	5141.47	0.67	ppb
Strontium	86-1	50.51	50.27	50.12	50.30	0.40	ppb
Strontium	88-1	50.95	50.74	50.65	50.78	0.31	ppb
Sulfur	34-1	1283.32	1187.63	1058.50	1176.49	9.59	ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	47.86	49.02	48.63	48.51	1.21	ppb
Thallium	205-1	48.17	49.28	48.98	48.81	1.18	ppb
Thorium	232-1	47.00	47.25	46.62	46.96	0.68	ppb
Tin	118-1	51.41	50.42	51.65	51.16	1.27	ppb
Titanium	47-1	240.35	238.34	234.98	237.89	1.14	ppb
Uranium	238-1	47.38	47.67	46.74	47.26	1.01	ppb
Vanadium	51-2	51.94	51.14	51.45	51.51	0.78	ppb
Yttrium	89-1				95		%
Yttrium	89-2				100		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:07:39	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	100.85	104.04	101.76	102.22	1.61	ppb
Zirconium	90-1	49.59	50.19	49.21	49.66	0.99	ppb
Zirconium	91-1	51.25	52.33	51.31	51.63	1.18	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:11:49	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2423.23	2462.22	2377.81	2421.09	1.74	ppb
Antimony	121-1	128.82	129.97	129.64	129.48	0.45	ppb
Arsenic	75-2	126.08	128.33	129.01	127.81	1.20	ppb
Barium	135-1	638.41	630.98	638.86	636.08	0.70	ppb
Barium	137-1	640.04	636.56	643.45	640.02	0.54	ppb
Beryllium	9-1	130.06	129.75	129.20	129.67	0.33	ppb
Bismuth	209-1				94		%
Bismuth	209-2				100		%
Boron	10-1	123.86	123.16	121.72	122.91	0.89	ppb
Boron	11-1	126.75	124.98	123.71	125.14	1.22	ppb
Cadmium	111-1	125.57	125.94	126.51	126.00	0.37	ppb
Cadmium	106-1	121.31	122.28	130.79	124.79	4.18	ppb
Cadmium	108-1	124.53	123.72	126.72	124.99	1.24	ppb
Calcium	43-1	12393.90	12372.07	12294.95	12353.64	0.42	ppb
Calcium	44-1	12201.69	12036.82	11996.01	12078.17	0.90	ppb
Chromium	52-2	129.69	131.03	129.00	129.91	0.80	ppb
Cobalt	59-2	131.41	130.97	130.35	130.91	0.41	ppb
Copper	63-2	259.78	258.02	256.02	257.94	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				94		%
Holmium	165-2				95		%
Indium	115-1				93		%
Indium	115-2				98		%
Iron	56-2	6331.95	6330.94	6267.83	6310.24	0.58	ppb
Iron	57-2	6534.70	6569.23	6481.53	6528.49	0.68	ppb
Krypton	83-1						cps
Lead	206-1	127.49	128.48	129.86	128.61	0.92	ppb
Lead	207-1	125.21	128.60	127.66	127.16	1.38	ppb
Lead	208-1	125.17	128.05	126.58	126.60	1.14	ppb
Lithium	6-1				97		%
Magnesium	24-2	12614.20	12655.23	12435.60	12568.34	0.93	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:11:49	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	260.11	257.97	257.27	258.45	0.57	ppb
Molybdenum	94-1	614.43	609.49	613.66	612.52	0.43	ppb
Molybdenum	95-1	601.65	588.97	594.65	595.09	1.07	ppb
Molybdenum	96-1	603.11	589.77	603.03	598.64	1.28	ppb
Molybdenum	97-1	625.15	608.15	621.31	618.20	1.44	ppb
Molybdenum	98-1	594.18	581.76	594.86	590.27	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.07	130.40	129.82	130.76	0.89	ppb
Phosphorus	31-2	2506.02	2550.14	2524.87	2527.01	0.88	ppb
Potassium	39-2	6212.54	6183.13	6147.45	6181.04	0.53	ppb
Rhodium	103-1				92		%
Rhodium	103-2				99		%
Scandium	45-1				91		%
Scandium	45-2				97		%
Selenium	77-2	116.14	114.64	142.83	124.54	12.74	ppb
Selenium	78-2	123.40	136.63	126.79	128.94	5.33	ppb
Selenium	82-1	130.89	133.84	127.67	130.80	2.36	ppb
Silicon	28-1	142.12	145.90	145.71	144.58	1.47	ppb
Silver	109-1	128.51	127.84	128.66	128.34	0.34	ppb
Silver	107-1	128.86	131.42	130.99	130.42	1.05	ppb
Sodium	23-2	12468.93	12389.46	12241.83	12366.74	0.93	ppb
Strontium	86-1	130.50	125.10	126.80	127.47	2.17	ppb
Strontium	88-1	126.99	126.99	126.07	126.68	0.42	ppb
Sulfur	34-1	2654.03	2464.35	2624.04	2580.81	3.95	ppb
Terbium	159-1				96		%
Terbium	159-2				97		%
Thallium	203-1	121.96	123.58	123.50	123.01	0.74	ppb
Thallium	205-1	123.48	125.25	125.19	124.64	0.81	ppb
Thorium	232-1	118.33	120.03	120.18	119.52	0.86	ppb
Tin	118-1	126.52	127.55	128.05	127.37	0.61	ppb
Titanium	47-1	593.04	589.24	577.12	586.47	1.42	ppb
Uranium	238-1	119.65	121.65	121.08	120.79	0.85	ppb
Vanadium	51-2	127.15	129.59	126.31	127.68	1.33	ppb
Yttrium	89-1				93		%
Yttrium	89-2				99		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:11:49	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	256.69	249.20	247.48	251.12	1.95	ppb
Zirconium	90-1	126.37	124.52	125.25	125.38	0.74	ppb
Zirconium	91-1	128.13	129.17	130.43	129.24	0.89	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:15:45	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4801.58	4861.71	4819.23	4827.51	0.64	ppb
Antimony	121-1	261.08	257.72	258.29	259.03	0.69	ppb
Arsenic	75-2	252.92	253.48	251.36	252.59	0.44	ppb
Barium	135-1	1289.14	1272.65	1267.68	1276.49	0.88	ppb
Barium	137-1	1279.22	1273.16	1273.85	1275.41	0.26	ppb
Beryllium	9-1	259.37	256.22	258.76	258.12	0.65	ppb
Bismuth	209-1				94		%
Bismuth	209-2				99		%
Boron	10-1	252.17	245.21	253.57	250.32	1.79	ppb
Boron	11-1	250.51	251.94	253.85	252.10	0.66	ppb
Cadmium	111-1	250.05	249.80	247.41	249.09	0.59	ppb
Cadmium	106-1	255.73	256.91	255.61	256.09	0.28	ppb
Cadmium	108-1	253.66	240.59	256.10	250.12	3.33	ppb
Calcium	43-1	24756.62	24677.05	24850.73	24761.47	0.35	ppb
Calcium	44-1	24062.86	24097.87	24364.15	24174.96	0.68	ppb
Chromium	52-2	258.18	261.46	258.10	259.25	0.74	ppb
Cobalt	59-2	259.75	263.30	259.81	260.95	0.78	ppb
Copper	63-2	512.94	523.93	515.26	517.38	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				94		%
Holmium	165-2				99		%
Indium	115-1				92		%
Indium	115-2				97		%
Iron	56-2	12563.96	12709.47	12473.20	12582.21	0.95	ppb
Iron	57-2	12896.73	13358.71	13040.71	13098.72	1.80	ppb
Krypton	83-1						cps
Lead	206-1	254.64	254.54	255.08	254.75	0.11	ppb
Lead	207-1	253.96	255.40	249.59	252.99	1.20	ppb
Lead	208-1	253.14	254.70	252.20	253.35	0.50	ppb
Lithium	6-1				94		%
Magnesium	24-2	25243.18	25158.45	25020.44	25140.69	0.45	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:15:45	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	516.49	522.42	519.67	519.53	0.57	ppb
Molybdenum	94-1	1187.76	1204.19	1215.37	1202.44	1.16	ppb
Molybdenum	95-1	1164.18	1184.19	1185.11	1177.83	1.00	ppb
Molybdenum	96-1	1171.04	1193.13	1191.14	1185.10	1.03	ppb
Molybdenum	97-1	1192.04	1180.99	1190.45	1187.83	0.50	ppb
Molybdenum	98-1	1178.88	1187.75	1185.31	1183.98	0.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	263.36	263.89	263.04	263.43	0.16	ppb
Phosphorus	31-2	5073.49	4958.50	4984.49	5005.49	1.20	ppb
Potassium	39-2	12242.70	12288.70	12282.34	12271.25	0.20	ppb
Rhodium	103-1				90		%
Rhodium	103-2				96		%
Scandium	45-1				90		%
Scandium	45-2				94		%
Selenium	77-2	274.11	240.95	240.73	251.93	7.62	ppb
Selenium	78-2	260.33	251.66	254.35	255.45	1.74	ppb
Selenium	82-1	256.86	257.20	257.84	257.30	0.19	ppb
Silicon	28-1	283.64	289.43	289.86	287.64	1.21	ppb
Silver	109-1	251.62	246.69	251.62	249.98	1.14	ppb
Silver	107-1	246.42	250.16	254.18	250.26	1.55	ppb
Sodium	23-2	24667.40	24707.38	24534.86	24636.55	0.37	ppb
Strontium	86-1	254.26	256.24	260.62	257.04	1.27	ppb
Strontium	88-1	251.14	253.37	254.31	252.94	0.64	ppb
Sulfur	34-1	4650.07	4674.64	4711.46	4678.72	0.66	ppb
Terbium	159-1				96		%
Terbium	159-2				99		%
Thallium	203-1	248.57	247.34	243.74	246.55	1.02	ppb
Thallium	205-1	248.94	249.60	246.88	248.47	0.57	ppb
Thorium	232-1	238.65	239.68	241.25	239.86	0.55	ppb
Tin	118-1	256.83	249.67	253.51	253.34	1.41	ppb
Titanium	47-1	1173.80	1169.55	1180.53	1174.63	0.47	ppb
Uranium	238-1	240.81	241.47	240.02	240.76	0.30	ppb
Vanadium	51-2	255.39	258.43	257.11	256.98	0.59	ppb
Yttrium	89-1				92		%
Yttrium	89-2				97		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:15:45	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	488.97	499.41	498.15	495.51	1.15	ppb
Zirconium	90-1	246.65	246.22	247.74	246.87	0.32	ppb
Zirconium	91-1	256.58	257.06	260.61	258.08	0.85	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:19:37	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9409.36	9480.79	9244.74	9378.30	1.29	ppb
Antimony	121-1	507.46	504.07	511.70	507.74	0.75	ppb
Arsenic	75-2	501.58	503.36	499.49	501.48	0.39	ppb
Barium	135-1	2471.86	2480.25	2502.01	2484.70	0.63	ppb
Barium	137-1	2473.99	2469.08	2529.92	2491.00	1.36	ppb
Beryllium	9-1	501.09	503.83	505.49	503.47	0.44	ppb
Bismuth	209-1				92		%
Bismuth	209-2				99		%
Boron	10-1	496.05	498.36	506.57	500.33	1.11	ppb
Boron	11-1	497.43	506.24	516.45	506.70	1.88	ppb
Cadmium	111-1	487.19	484.63	488.34	486.72	0.39	ppb
Cadmium	106-1	485.91	484.82	489.63	486.79	0.52	ppb
Cadmium	108-1	486.92	477.65	482.92	482.50	0.96	ppb
Calcium	43-1	48830.77	48174.41	48477.23	48494.14	0.68	ppb
Calcium	44-1	47990.58	47786.92	48404.56	48060.69	0.65	ppb
Chromium	52-2	506.79	507.89	503.11	505.93	0.49	ppb
Cobalt	59-2	508.67	515.96	503.88	509.50	1.19	ppb
Copper	63-2	1003.09	1007.39	995.81	1002.10	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				100		%
Indium	115-1				92		%
Indium	115-2				97		%
Iron	56-2	25132.25	24573.75	24426.09	24710.70	1.51	ppb
Iron	57-2	25814.04	25758.85	25654.48	25742.46	0.31	ppb
Krypton	83-1						cps
Lead	206-1	503.53	496.50	498.24	499.42	0.73	ppb
Lead	207-1	508.02	501.72	510.15	506.63	0.87	ppb
Lead	208-1	501.60	495.29	499.16	498.68	0.64	ppb
Lithium	6-1				93		%
Magnesium	24-2	49107.23	49216.86	48448.59	48924.23	0.85	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:19:37	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1014.17	1011.72	1007.67	1011.19	0.32	ppb
Molybdenum	94-1	2380.53	2385.89	2378.30	2381.57	0.16	ppb
Molybdenum	95-1	2333.19	2344.98	2344.15	2340.78	0.28	ppb
Molybdenum	96-1	2362.34	2365.83	2342.90	2357.02	0.52	ppb
Molybdenum	97-1	2357.52	2337.12	2342.99	2345.88	0.45	ppb
Molybdenum	98-1	2359.05	2351.57	2365.38	2358.67	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	512.19	509.98	504.41	508.86	0.79	ppb
Phosphorus	31-2	10131.52	9970.98	10129.35	10077.28	0.91	ppb
Potassium	39-2	23797.32	23546.76	23230.79	23524.96	1.21	ppb
Rhodium	103-1				88		%
Rhodium	103-2				96		%
Scandium	45-1				90		%
Scandium	45-2				95		%
Selenium	77-2	456.96	472.74	523.89	484.53	7.22	ppb
Selenium	78-2	493.09	505.45	506.31	501.61	1.47	ppb
Selenium	82-1	508.37	499.49	497.74	501.87	1.14	ppb
Silicon	28-1	605.84	605.66	618.77	610.09	1.23	ppb
Silver	109-1	480.62	486.00	488.80	485.14	0.86	ppb
Silver	107-1	488.60	474.56	483.94	482.37	1.48	ppb
Sodium	23-2	48758.92	48686.03	47999.13	48481.36	0.86	ppb
Strontium	86-1	508.44	505.20	506.56	506.73	0.32	ppb
Strontium	88-1	497.44	499.93	501.57	499.65	0.42	ppb
Sulfur	34-1	9615.58	9384.34	9641.27	9547.06	1.48	ppb
Terbium	159-1				96		%
Terbium	159-2				97		%
Thallium	203-1	500.62	491.40	496.32	496.12	0.93	ppb
Thallium	205-1	498.48	489.54	493.63	493.88	0.91	ppb
Thorium	232-1	495.91	488.38	492.46	492.25	0.77	ppb
Tin	118-1	496.86	500.37	498.92	498.72	0.35	ppb
Titanium	47-1	2280.99	2256.81	2290.69	2276.17	0.77	ppb
Uranium	238-1	492.55	489.34	491.13	491.01	0.33	ppb
Vanadium	51-2	504.50	504.30	497.34	502.05	0.81	ppb
Yttrium	89-1				93		%
Yttrium	89-2				98		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:19:37	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1007.55	997.86	999.26	1001.56	0.52	ppb
Zirconium	90-1	496.99	499.30	493.58	496.62	0.58	ppb
Zirconium	91-1	503.10	504.92	503.17	503.73	0.20	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:23:28	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18568.63	18387.98	18362.20	18439.60	0.61	ppb
Antimony	121-1	995.90	994.90	988.85	993.22	0.38	ppb
Arsenic	75-2	999.95	1003.46	991.27	998.23	0.63	ppb
Barium	135-1	5025.47	4997.57	4974.91	4999.32	0.51	ppb
Barium	137-1	4976.32	5013.32	4997.76	4995.80	0.37	ppb
Beryllium	9-1	993.37	997.56	995.71	995.55	0.21	ppb
Bismuth	209-1				91		%
Bismuth	209-2				96		%
Boron	10-1	988.40	1001.99	1009.51	999.97	1.07	ppb
Boron	11-1	991.56	1005.02	991.67	996.08	0.78	ppb
Cadmium	111-1	1005.10	999.09	1016.05	1006.74	0.85	ppb
Cadmium	106-1	992.95	1017.47	1004.90	1005.10	1.22	ppb
Cadmium	108-1	1012.01	1005.58	1008.56	1008.72	0.32	ppb
Calcium	43-1	95315.00	96743.96	95454.12	95837.69	0.82	ppb
Calcium	44-1	95713.38	97234.77	96078.91	96342.35	0.82	ppb
Chromium	52-2	993.47	992.13	996.37	993.99	0.22	ppb
Cobalt	59-2	994.37	991.38	989.14	991.63	0.26	ppb
Copper	63-2	2003.30	1988.70	1987.98	1993.33	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				96		%
Holmium	165-2				95		%
Indium	115-1				91		%
Indium	115-2				96		%
Iron	56-2	48919.63	48559.31	48478.51	48652.49	0.48	ppb
Iron	57-2	51703.84	51822.92	52191.66	51906.14	0.49	ppb
Krypton	83-1						cps
Lead	206-1	1003.69	1001.27	990.94	998.63	0.68	ppb
Lead	207-1	994.01	1000.36	992.66	995.68	0.41	ppb
Lead	208-1	1000.73	1006.53	991.63	999.63	0.75	ppb
Lithium	6-1				92		%
Magnesium	24-2	96711.48	95760.08	95873.29	96114.95	0.54	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:23:28	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1987.99	1985.79	1990.94	1988.24	0.13	ppb
Molybdenum	94-1	5083.17	5078.31	5057.18	5072.89	0.27	ppb
Molybdenum	95-1	5083.78	5112.94	5109.09	5101.94	0.31	ppb
Molybdenum	96-1	5080.40	5101.92	5091.97	5091.43	0.21	ppb
Molybdenum	97-1	5064.27	5102.76	5114.35	5093.79	0.51	ppb
Molybdenum	98-1	5061.54	5147.25	5067.49	5092.09	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	996.16	989.58	988.42	991.39	0.42	ppb
Phosphorus	31-2	20010.45	19827.61	20036.11	19958.05	0.57	ppb
Potassium	39-2	47305.80	46344.84	46550.36	46733.66	1.08	ppb
Rhodium	103-1				88		%
Rhodium	103-2				95		%
Scandium	45-1				91		%
Scandium	45-2				97		%
Selenium	77-2	1022.21	984.53	1015.40	1007.38	1.99	ppb
Selenium	78-2	997.47	1035.17	959.00	997.21	3.82	ppb
Selenium	82-1	998.34	995.97	994.90	996.40	0.18	ppb
Silicon	28-1	915.71	945.72	936.63	932.69	1.65	ppb
Silver	109-1	1008.48	1001.81	1010.48	1006.92	0.45	ppb
Silver	107-1	984.33	1029.19	1010.41	1007.98	2.23	ppb
Sodium	23-2	96369.66	95341.16	95779.70	95830.17	0.54	ppb
Strontium	86-1	990.08	999.79	993.78	994.55	0.49	ppb
Strontium	88-1	1002.13	1000.78	994.67	999.19	0.40	ppb
Sulfur	34-1	20038.31	20694.27	20131.00	20287.86	1.75	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	1007.10	1004.21	998.08	1003.13	0.46	ppb
Thallium	205-1	1002.41	1000.41	1007.82	1003.55	0.38	ppb
Thorium	232-1	1008.07	1003.98	1009.69	1007.25	0.29	ppb
Tin	118-1	1001.98	1001.49	994.88	999.45	0.40	ppb
Titanium	47-1	5087.89	5180.84	5139.82	5136.18	0.91	ppb
Uranium	238-1	1004.58	1015.26	1002.56	1007.47	0.68	ppb
Vanadium	51-2	998.06	996.42	995.97	996.82	0.11	ppb
Yttrium	89-1				94		%
Yttrium	89-2				100		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:23:28	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1993.19	1992.81	2014.27	2000.09	0.61	ppb
Zirconium	90-1	1001.91	1008.80	996.61	1002.44	0.61	ppb
Zirconium	91-1	998.03	1000.92	987.56	995.50	0.71	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 14:27:17 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101659.48	100500.30	98994.90	100384.89	1.33	ppb
Antimony	121-1	1.69	1.53	1.60	1.61	5.23	ppb
Arsenic	75-2	1.75	1.35	1.43	1.51	14.14	ppb
Barium	135-1	1.45	1.35	1.34	1.38	4.39	ppb
Barium	137-1	1.70	1.65	1.36	1.57	11.57	ppb
Beryllium	9-1	0.27	0.24	0.26	0.26	5.65	ppb
Bismuth	209-1				78		%
Bismuth	209-2				82		%
Boron	10-1	54.45	50.60	46.59	50.55	7.78	ppb
Boron	11-1	53.05	50.49	47.96	50.50	5.04	ppb
Cadmium	111-1	0.28	0.19	0.31	0.26	23.97	ppb
Cadmium	106-1	0.74	-0.07	1.10	0.59	101.84	ppb
Cadmium	108-1	0.07	0.60	0.08	0.25	121.23	ppb
Calcium	43-1	500892.08	504499.20	497606.79	500999.36	0.69	ppb
Calcium	44-1	499215.79	505772.03	497947.47	500978.43	0.84	ppb
Chromium	52-2	17.70	17.63	17.78	17.71	0.42	ppb
Cobalt	59-2	13.11	12.71	12.58	12.80	2.15	ppb
Copper	63-2	2.91	3.04	2.84	2.93	3.53	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				85		%
Holmium	165-2				94		%
Indium	115-1				79		%
Indium	115-2				89		%
Iron	56-2	252820.72	250667.94	247388.19	250292.28	1.09	ppb
Iron	57-2	253225.66	249354.25	245938.64	249506.18	1.46	ppb
Krypton	83-1						cps
Lead	206-1	1.17	1.07	1.19	1.14	5.52	ppb
Lead	207-1	1.11	1.13	0.99	1.08	6.76	ppb
Lead	208-1	1.08	1.07	1.07	1.07	0.68	ppb
Lithium	6-1				81		%
Magnesium	24-2	508987.16	496506.19	497126.37	500873.24	1.40	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:27:17	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6.63	6.78	6.56	6.66	1.69	ppb
Molybdenum	94-1	3.38	3.34	3.32	3.35	0.98	ppb
Molybdenum	95-1	3.75	3.60	3.34	3.56	5.81	ppb
Molybdenum	96-1	5.36	4.91	4.72	5.00	6.58	ppb
Molybdenum	97-1	3.91	3.81	3.60	3.77	4.22	ppb
Molybdenum	98-1	3.94	3.74	3.45	3.71	6.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	20.24	19.77	19.02	19.68	3.12	ppb
Phosphorus	31-2	-18.33	-6.92	-4.47	-9.91		ppb
Potassium	39-2	253969.03	250876.12	247595.78	250813.65	1.27	ppb
Rhodium	103-1				73		%
Rhodium	103-2				82		%
Scandium	45-1				81		%
Scandium	45-2				91		%
Selenium	77-2	-0.36	-0.36	-0.36	-0.36		ppb
Selenium	78-2	1.05	1.72	0.36	1.04	65.43	ppb
Selenium	82-1	1.42	1.52	0.78	1.24	32.44	ppb
Silicon	28-1	25.65	23.98	21.65	23.76	8.45	ppb
Silver	109-1	0.22	0.18	0.14	0.18	22.15	ppb
Silver	107-1	0.15	0.17	0.22	0.18	21.51	ppb
Sodium	23-2	506458.96	502709.77	493848.94	501005.89	1.29	ppb
Strontium	86-1	4.68	4.64	4.64	4.65	0.44	ppb
Strontium	88-1	4.54	4.63	4.69	4.62	1.68	ppb
Sulfur	34-1	-727.34	-564.64	-643.03	-645.00		ppb
Terbium	159-1				86		%
Terbium	159-2				94		%
Thallium	203-1	0.51	0.51	0.42	0.48	11.18	ppb
Thallium	205-1	0.53	0.51	0.49	0.51	4.29	ppb
Thorium	232-1	0.38	0.35	0.29	0.34	13.25	ppb
Tin	118-1	0.47	0.62	0.55	0.55	13.64	ppb
Titanium	47-1	1.80	1.59	1.52	1.64	8.89	ppb
Uranium	238-1	0.24	0.20	0.20	0.21	12.29	ppb
Vanadium	51-2	0.26	0.20	0.22	0.23	13.22	ppb
Yttrium	89-1				83		%
Yttrium	89-2				93		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:27:17	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	16.79	17.99	17.38	17.39	3.45	ppb
Zirconium	90-1	0.41	0.38	0.39	0.39	3.79	ppb
Zirconium	91-1	0.36	0.34	0.47	0.39	17.78	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 14:37:10 DataFile Name : 012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	494.46	474.05	474.01	480.84	2.45	ppb
Antimony	121-1	203.55	200.37	196.39	200.11	1.79	ppb
Arsenic	75-2	206.49	199.90	202.60	203.00	1.63	ppb
Barium	135-1	100.65	103.07	100.38	101.36	1.46	ppb
Barium	137-1	103.63	102.88	100.75	102.42	1.46	ppb
Beryllium	9-1	101.78	99.83	100.63	100.75	0.97	ppb
Bismuth	209-1				93		%
Bismuth	209-2				98		%
Boron	10-1	9.85	10.27	8.61	9.58	9.01	ppb
Boron	11-1	10.22	9.39	9.06	9.56	6.25	ppb
Cadmium	111-1	100.29	96.84	96.85	97.99	2.03	ppb
Cadmium	106-1	74.78	69.39	71.91	72.02	3.74	ppb
Cadmium	108-1	111.03	108.69	100.36	106.69	5.26	ppb
Calcium	43-1	1980.97	1976.78	1945.98	1967.91	0.97	ppb
Calcium	44-1	2027.48	2012.74	1984.58	2008.27	1.09	ppb
Chromium	52-2	102.02	102.97	102.96	102.65	0.53	ppb
Cobalt	59-2	104.08	105.72	106.19	105.33	1.05	ppb
Copper	63-2	102.64	105.39	105.46	104.50	1.54	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				92		%
Holmium	165-2				96		%
Indium	115-1				92		%
Indium	115-2				99		%
Iron	56-2	1101.21	1105.16	1096.75	1101.04	0.38	ppb
Iron	57-2	1085.66	1108.12	1067.25	1087.01	1.88	ppb
Krypton	83-1						cps
Lead	206-1	202.22	203.59	197.85	201.22	1.49	ppb
Lead	207-1	196.83	192.71	190.73	193.42	1.61	ppb
Lead	208-1	197.95	197.71	193.62	196.43	1.24	ppb
Lithium	6-1				93		%
Magnesium	24-2	1307.06	1303.46	1288.20	1299.57	0.77	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:37:10	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	101.50	102.57	100.93	101.66	0.82	ppb
Molybdenum	94-1	1734.42	1759.73	1754.07	1749.41	0.76	ppb
Molybdenum	95-1	2346.17	2345.41	2347.96	2346.51	0.06	ppb
Molybdenum	96-1	2301.77	2272.81	2280.02	2284.86	0.66	ppb
Molybdenum	97-1	2358.61	2375.55	2361.86	2365.34	0.38	ppb
Molybdenum	98-1	2346.35	2373.79	2355.93	2358.69	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	106.19	106.98	106.52	106.56	0.37	ppb
Phosphorus	31-2	-31.78	-22.81	-9.31	-21.30		ppb
Potassium	39-2	2035.77	2052.92	2009.32	2032.67	1.08	ppb
Rhodium	103-1				92		%
Rhodium	103-2				98		%
Scandium	45-1				89		%
Scandium	45-2				95		%
Selenium	77-2	183.21	219.95	212.64	205.26	9.48	ppb
Selenium	78-2	202.86	204.31	185.90	197.69	5.18	ppb
Selenium	82-1	200.97	204.16	199.70	201.61	1.14	ppb
Silicon	28-1	8.03	8.46	9.08	8.52	6.19	ppb
Silver	109-1	96.17	95.82	94.05	95.35	1.19	ppb
Silver	107-1	97.93	92.03	95.87	95.28	3.14	ppb
Sodium	23-2	2112.30	2141.96	2122.97	2125.74	0.71	ppb
Strontium	86-1	2.47	2.31	2.04	2.27	9.71	ppb
Strontium	88-1	2.34	2.38	2.31	2.34	1.56	ppb
Sulfur	34-1	-369.68	-675.88	-1014.42	-686.66		ppb
Terbium	159-1				94		%
Terbium	159-2				94		%
Thallium	203-1	196.49	195.03	191.38	194.30	1.35	ppb
Thallium	205-1	198.85	198.44	191.61	196.30	2.07	ppb
Thorium	232-1	0.08	0.09	0.08	0.08	4.69	ppb
Tin	118-1	0.06	0.07	0.09	0.08	21.93	ppb
Titanium	47-1	2253.46	2267.13	2220.47	2247.02	1.07	ppb
Uranium	238-1	0.01	0.00	0.01	0.01	68.14	ppb
Vanadium	51-2	99.90	100.89	101.08	100.62	0.63	ppb
Yttrium	89-1				91		%
Yttrium	89-2				98		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:37:10	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	194.24	201.62	197.64	197.84	1.87	ppb
Zirconium	90-1	0.20	0.16	0.16	0.18	12.44	ppb
Zirconium	91-1	0.27	0.25	0.24	0.25	5.08	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 14:41:40 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.07	0.55	0.22	0.28	86.76	ppb
Antimony	121-1	0.13	0.18	0.13	0.15	17.96	ppb
Arsenic	75-2	0.00	-0.01	0.01	0.00	1933.25	ppb
Barium	135-1	0.02	-0.01	-0.01	0.00	3130.08	ppb
Barium	137-1	0.00	0.02	0.02	0.01	89.04	ppb
Beryllium	9-1	0.04	0.04	0.03	0.04	25.55	ppb
Bismuth	209-1				96		%
Bismuth	209-2				97		%
Boron	10-1	6.52	5.43	5.07	5.67	13.31	ppb
Boron	11-1	4.96	5.55	5.06	5.19	6.15	ppb
Cadmium	111-1	-0.03	-0.01	0.08	0.01	477.02	ppb
Cadmium	106-1	-0.63	-0.28	0.39	-0.17		ppb
Cadmium	108-1	-0.10	-0.02	-0.10	-0.07		ppb
Calcium	43-1	1.53	0.87	7.34	3.25	109.76	ppb
Calcium	44-1	5.45	3.86	4.32	4.54	18.05	ppb
Chromium	52-2	-0.01	0.01	-0.03	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.01	0.01	90.83	ppb
Copper	63-2	0.00	0.01	0.01	0.01	55.68	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				94		%
Holmium	165-2				96		%
Indium	115-1				95		%
Indium	115-2				98		%
Iron	56-2	0.56	0.59	0.85	0.67	24.11	ppb
Iron	57-2	-0.93	0.34	-2.00	-0.86		ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.01	0.01	0.01	69.73	ppb
Lead	207-1	0.01	0.02	0.00	0.01	157.37	ppb
Lead	208-1	0.02	0.02	0.01	0.02	49.43	ppb
Lithium	6-1				96		%
Magnesium	24-2	1.68	1.60	1.51	1.60	5.17	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:41:40	DataFile Name :	013CCBE.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	0.41	0.35	0.33	0.36	12.39	ppb
Molybdenum	95-1	0.41	0.34	0.28	0.34	18.88	ppb
Molybdenum	96-1	0.34	0.40	0.38	0.37	9.23	ppb
Molybdenum	97-1	0.43	0.32	0.32	0.36	17.72	ppb
Molybdenum	98-1	0.39	0.33	0.32	0.34	11.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.02	0.01	0.02	42.20	ppb
Phosphorus	31-2	-34.69	-37.53	-43.26	-38.49		ppb
Potassium	39-2	10.84	14.21	13.94	13.00	14.39	ppb
Rhodium	103-1				94		%
Rhodium	103-2				98		%
Scandium	45-1				92		%
Scandium	45-2				96		%
Selenium	77-2	0.74	0.73	-0.36	0.37	169.29	ppb
Selenium	78-2	-0.81	-1.53	0.17	-0.72		ppb
Selenium	82-1	-0.02	0.53	0.82	0.45	96.29	ppb
Silicon	28-1	3.14	1.93	2.38	2.49	24.66	ppb
Silver	109-1	0.01	0.01	0.00	0.01	74.21	ppb
Silver	107-1	0.02	0.01	0.04	0.02	74.37	ppb
Sodium	23-2	24.75	25.71	26.89	25.78	4.16	ppb
Strontium	86-1	-0.05	-0.01	-0.04	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-589.22	-679.14	-728.71	-665.69		ppb
Terbium	159-1				95		%
Terbium	159-2				94		%
Thallium	203-1	0.03	0.04	0.08	0.05	54.64	ppb
Thallium	205-1	0.05	0.03	0.02	0.03	36.49	ppb
Thorium	232-1	0.01	0.02	0.01	0.01	16.56	ppb
Tin	118-1	0.07	0.07	0.04	0.06	31.41	ppb
Titanium	47-1	0.23	0.19	0.29	0.24	21.79	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	96.67	ppb
Yttrium	89-1				94		%
Yttrium	89-2				98		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:41:40	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.22	0.09	0.04	0.12	77.46	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.00	-0.01	-0.01	-0.01		ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:46:22	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89007.71	87811.08	87687.25	88168.68	0.83	ppb
Antimony	121-1	1.14	1.17	1.10	1.14	2.92	ppb
Arsenic	75-2	0.23	0.26	0.25	0.25	7.63	ppb
Barium	135-1	1.38	1.47	1.42	1.42	3.15	ppb
Barium	137-1	1.47	1.55	1.31	1.44	8.40	ppb
Beryllium	9-1	0.33	0.32	0.35	0.33	4.92	ppb
Bismuth	209-1				87		%
Bismuth	209-2				91		%
Boron	10-1	5.17	5.53	5.01	5.24	5.07	ppb
Boron	11-1	4.75	4.79	4.43	4.66	4.18	ppb
Cadmium	111-1	0.84	0.30	0.45	0.53	52.24	ppb
Cadmium	106-1	-0.02	-1.97	-1.04	-1.01		ppb
Cadmium	108-1	15.89	15.66	18.89	16.82	10.71	ppb
Calcium	43-1	92935.96	91779.44	91137.10	91950.83	0.99	ppb
Calcium	44-1	94923.66	94751.17	93508.02	94394.29	0.82	ppb
Chromium	52-2	20.99	21.07	21.05	21.03	0.21	ppb
Cobalt	59-2	1.26	1.34	1.35	1.32	3.93	ppb
Copper	63-2	7.71	7.38	7.97	7.69	3.86	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				92		%
Holmium	165-2				95		%
Indium	115-1				90		%
Indium	115-2				97		%
Iron	56-2	100027.40	98981.84	100287.85	99765.70	0.69	ppb
Iron	57-2	99545.20	98446.03	100117.31	99369.52	0.85	ppb
Krypton	83-1						cps
Lead	206-1	5.41	5.20	5.26	5.29	2.01	ppb
Lead	207-1	4.56	4.59	4.58	4.58	0.34	ppb
Lead	208-1	4.86	4.79	4.76	4.80	1.11	ppb
Lithium	6-1				92		%
Magnesium	24-2	101026.61	99819.52	100225.17	100357.10	0.61	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:46:22	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.89	8.03	8.19	8.04	1.86	ppb
Molybdenum	94-1	1160.25	1147.04	1116.69	1141.33	1.96	ppb
Molybdenum	95-1	1568.88	1583.63	1532.27	1561.60	1.69	ppb
Molybdenum	96-1	1516.36	1540.70	1504.30	1520.46	1.22	ppb
Molybdenum	97-1	1571.22	1590.01	1552.98	1571.40	1.18	ppb
Molybdenum	98-1	1584.10	1588.16	1550.59	1574.28	1.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.50	5.50	5.47	5.49	0.33	ppb
Phosphorus	31-2	98660.07	97438.95	99172.65	98423.89	0.90	ppb
Potassium	39-2	97986.63	96325.27	97103.22	97138.37	0.86	ppb
Rhodium	103-1				86		%
Rhodium	103-2				93		%
Scandium	45-1				90		%
Scandium	45-2				97		%
Selenium	77-2	-0.36	-0.36	-0.36	-0.36		ppb
Selenium	78-2	-0.13	0.58	-0.56	-0.04		ppb
Selenium	82-1	0.75	0.02	0.05	0.28	150.18	ppb
Silicon	28-1	27.63	26.68	25.73	26.68	3.55	ppb
Silver	109-1	0.04	0.04	0.03	0.04	11.77	ppb
Silver	107-1	0.03	0.03	0.08	0.05	72.83	ppb
Sodium	23-2	101116.35	100457.07	100494.15	100689.19	0.37	ppb
Strontium	86-1	34.87	34.47	33.85	34.40	1.49	ppb
Strontium	88-1	34.90	34.66	33.88	34.48	1.54	ppb
Sulfur	34-1	114971.40	113523.26	112233.48	113576.04	1.21	ppb
Terbium	159-1				94		%
Terbium	159-2				94		%
Thallium	203-1	0.09	0.12	0.08	0.10	19.04	ppb
Thallium	205-1	0.11	0.09	0.07	0.09	22.78	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	21.29	ppb
Tin	118-1	0.23	0.18	0.27	0.23	20.80	ppb
Titanium	47-1	1603.40	1548.03	1538.54	1563.33	2.24	ppb
Uranium	238-1	0.01	0.02	0.02	0.02	20.18	ppb
Vanadium	51-2	0.26	0.23	0.22	0.24	9.87	ppb
Yttrium	89-1				93		%
Yttrium	89-2				99		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:46:22	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	9.79	10.83	10.09	10.24	5.20	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	23.84	ppb
Zirconium	91-1	-0.02	0.04	0.04	0.02	146.46	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:49:59	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88352.72	88236.04	87707.19	88098.65	0.39	ppb
Antimony	121-1	22.39	21.43	21.06	21.63	3.17	ppb
Arsenic	75-2	20.63	21.67	19.94	20.75	4.18	ppb
Barium	135-1	22.51	22.42	22.44	22.46	0.21	ppb
Barium	137-1	23.06	22.57	22.62	22.75	1.18	ppb
Beryllium	9-1	21.40	21.03	21.40	21.27	1.00	ppb
Bismuth	209-1				88		%
Bismuth	209-2				91		%
Boron	10-1	56.16	55.68	54.94	55.59	1.11	ppb
Boron	11-1	57.33	56.78	58.42	57.51	1.45	ppb
Cadmium	111-1	20.84	20.02	19.84	20.23	2.64	ppb
Cadmium	106-1	29.86	31.28	31.00	30.71	2.45	ppb
Cadmium	108-1	40.86	40.28	38.58	39.91	2.98	ppb
Calcium	43-1	93371.42	92264.45	90623.15	92086.34	1.50	ppb
Calcium	44-1	95672.73	95160.97	95084.68	95306.13	0.34	ppb
Chromium	52-2	41.17	42.02	41.75	41.65	1.03	ppb
Cobalt	59-2	22.19	21.74	21.95	21.96	1.02	ppb
Copper	63-2	28.35	27.92	27.85	28.04	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				96		%
Indium	115-1				92		%
Indium	115-2				98		%
Iron	56-2	99516.01	100528.75	98869.89	99638.21	0.84	ppb
Iron	57-2	99955.91	100135.29	99136.47	99742.56	0.53	ppb
Krypton	83-1						cps
Lead	206-1	26.73	26.35	26.61	26.56	0.73	ppb
Lead	207-1	24.83	24.82	24.29	24.65	1.25	ppb
Lead	208-1	25.67	25.55	25.25	25.49	0.85	ppb
Lithium	6-1				93		%
Magnesium	24-2	100698.09	100668.34	99879.00	100415.14	0.46	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:49:59	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	28.47	28.44	27.87	28.26	1.19	ppb
Molybdenum	94-1	1276.57	1277.40	1267.31	1273.76	0.44	ppb
Molybdenum	95-1	1626.88	1616.74	1622.72	1622.12	0.31	ppb
Molybdenum	96-1	1587.07	1571.52	1577.35	1578.64	0.50	ppb
Molybdenum	97-1	1607.96	1625.28	1627.92	1620.39	0.67	ppb
Molybdenum	98-1	1623.55	1615.41	1630.97	1623.31	0.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.75	25.68	26.19	25.87	1.07	ppb
Phosphorus	31-2	99196.16	98990.03	98510.92	98899.04	0.36	ppb
Potassium	39-2	97740.49	98138.26	97434.50	97771.09	0.36	ppb
Rhodium	103-1				88		%
Rhodium	103-2				95		%
Scandium	45-1				93		%
Scandium	45-2				99		%
Selenium	77-2	20.78	22.92	19.67	21.12	7.82	ppb
Selenium	78-2	25.64	23.42	18.65	22.57	15.83	ppb
Selenium	82-1	20.71	20.19	18.42	19.77	6.07	ppb
Silicon	28-1	73.02	70.97	70.67	71.55	1.79	ppb
Silver	109-1	19.24	18.34	18.65	18.74	2.45	ppb
Silver	107-1	19.01	19.38	19.42	19.27	1.18	ppb
Sodium	23-2	100692.08	101457.04	99535.30	100561.47	0.96	ppb
Strontium	86-1	97.37	94.41	95.01	95.59	1.64	ppb
Strontium	88-1	96.74	97.05	96.07	96.62	0.52	ppb
Sulfur	34-1	116260.08	115718.40	113567.57	115182.02	1.24	ppb
Terbium	159-1				96		%
Terbium	159-2				96		%
Thallium	203-1	20.62	20.57	20.01	20.40	1.67	ppb
Thallium	205-1	21.48	21.00	20.77	21.09	1.72	ppb
Thorium	232-1	0.09	0.09	0.09	0.09	0.32	ppb
Tin	118-1	53.99	52.51	51.89	52.79	2.04	ppb
Titanium	47-1	1639.48	1607.98	1610.64	1619.37	1.08	ppb
Uranium	238-1	54.91	53.05	52.60	53.52	2.28	ppb
Vanadium	51-2	20.78	21.17	20.81	20.92	1.04	ppb
Yttrium	89-1				95		%
Yttrium	89-2				101		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:49:59	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	29.24	29.93	28.03	29.07	3.31	ppb
Zirconium	90-1	53.04	51.88	51.04	51.99	1.93	ppb
Zirconium	91-1	54.41	53.49	53.59	53.83	0.93	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:53:38	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51926.09	51256.51	50887.39	51356.66	1.03	ppb
Antimony	121-1	529.14	522.05	523.97	525.06	0.70	ppb
Arsenic	75-2	532.51	541.82	544.62	539.65	1.17	ppb
Barium	135-1	2526.43	2519.99	2559.85	2535.42	0.84	ppb
Barium	137-1	2509.36	2522.17	2566.52	2532.69	1.18	ppb
Beryllium	9-1	509.87	508.27	509.53	509.22	0.17	ppb
Bismuth	209-1				85		%
Bismuth	209-2				91		%
Boron	10-1	493.80	495.62	502.76	497.39	0.95	ppb
Boron	11-1	495.67	500.17	507.96	501.26	1.24	ppb
Cadmium	111-1	520.24	519.53	523.26	521.01	0.38	ppb
Cadmium	106-1	520.37	531.89	524.70	525.66	1.11	ppb
Cadmium	108-1	505.34	506.88	510.70	507.64	0.54	ppb
Calcium	43-1	242216.12	238586.33	241348.60	240717.02	0.79	ppb
Calcium	44-1	243497.21	241015.48	242369.76	242294.15	0.51	ppb
Chromium	52-2	506.00	504.40	505.39	505.27	0.16	ppb
Cobalt	59-2	489.44	493.35	489.12	490.64	0.48	ppb
Copper	63-2	1014.13	1022.66	1021.50	1019.43	0.45	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				99		%
Indium	115-1				89		%
Indium	115-2				98		%
Iron	56-2	123584.69	122555.62	121221.79	122454.04	0.97	ppb
Iron	57-2	123264.55	122531.00	120870.89	122222.15	1.00	ppb
Krypton	83-1						cps
Lead	206-1	515.29	510.06	513.51	512.95	0.52	ppb
Lead	207-1	529.31	519.31	518.55	522.39	1.15	ppb
Lead	208-1	517.87	510.00	510.48	512.78	0.86	ppb
Lithium	6-1				90		%
Magnesium	24-2	245056.55	243214.89	240807.89	243026.44	0.88	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:53:38	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	993.42	1005.58	994.63	997.88	0.67	ppb
Molybdenum	94-1	2383.13	2399.61	2380.09	2387.61	0.44	ppb
Molybdenum	95-1	2348.34	2347.36	2318.72	2338.14	0.72	ppb
Molybdenum	96-1	2357.88	2366.44	2340.88	2355.07	0.55	ppb
Molybdenum	97-1	2352.05	2367.92	2331.66	2350.54	0.77	ppb
Molybdenum	98-1	2334.04	2359.73	2352.91	2348.89	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	486.84	492.68	489.14	489.55	0.60	ppb
Phosphorus	31-2	9574.50	10010.53	9676.64	9753.89	2.34	ppb
Potassium	39-2	123081.76	122355.98	121105.89	122181.21	0.82	ppb
Rhodium	103-1				85		%
Rhodium	103-2				93		%
Scandium	45-1				91		%
Scandium	45-2				100		%
Selenium	77-2	521.39	500.60	508.98	510.32	2.05	ppb
Selenium	78-2	517.92	508.49	519.77	515.39	1.17	ppb
Selenium	82-1	495.64	492.59	491.79	493.34	0.41	ppb
Silicon	28-1	552.39	572.83	587.37	570.87	3.08	ppb
Silver	109-1	510.01	506.14	511.80	509.32	0.57	ppb
Silver	107-1	519.07	504.79	513.53	512.46	1.40	ppb
Sodium	23-2	244578.25	244023.22	241816.36	243472.61	0.60	ppb
Strontium	86-1	508.77	504.38	499.39	504.18	0.93	ppb
Strontium	88-1	504.42	503.63	505.10	504.38	0.15	ppb
Sulfur	34-1	10171.22	10110.61	10294.04	10191.96	0.92	ppb
Terbium	159-1				95		%
Terbium	159-2				99		%
Thallium	203-1	520.17	513.35	509.46	514.32	1.05	ppb
Thallium	205-1	514.07	511.86	511.45	512.46	0.28	ppb
Thorium	232-1	525.94	527.15	522.97	525.35	0.41	ppb
Tin	118-1	507.05	499.03	494.95	500.34	1.23	ppb
Titanium	47-1	2287.99	2307.35	2290.57	2295.30	0.46	ppb
Uranium	238-1	525.67	522.85	524.74	524.42	0.27	ppb
Vanadium	51-2	506.65	510.28	507.05	507.99	0.39	ppb
Yttrium	89-1				94		%
Yttrium	89-2				102		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:53:38	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	957.43	977.12	966.59	967.05	1.02	ppb
Zirconium	90-1	502.30	505.57	505.31	504.39	0.36	ppb
Zirconium	91-1	505.02	507.20	508.76	507.00	0.37	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 15:02:25	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.19	17.10	23.49	20.59	15.70	ppb
Antimony	121-1	2.13	1.97	1.94	2.01	5.01	ppb
Arsenic	75-2	0.82	1.51	1.05	1.13	30.95	ppb
Barium	135-1	10.10	9.32	10.09	9.84	4.57	ppb
Barium	137-1	10.63	9.91	10.12	10.22	3.62	ppb
Beryllium	9-1	1.06	1.07	1.02	1.05	2.58	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Boron	10-1	30.21	28.41	31.57	30.06	5.26	ppb
Boron	11-1	30.58	29.78	30.57	30.31	1.51	ppb
Cadmium	111-1	0.94	1.09	0.94	0.99	8.61	ppb
Cadmium	106-1	0.22	1.54	-0.03	0.58	146.04	ppb
Cadmium	108-1	1.35	0.89	0.82	1.02	28.05	ppb
Calcium	43-1	439.70	471.46	478.47	463.21	4.46	ppb
Calcium	44-1	491.98	484.11	483.14	486.41	1.00	ppb
Chromium	52-2	2.15	2.03	2.21	2.13	4.36	ppb
Cobalt	59-2	1.03	1.05	1.06	1.05	1.30	ppb
Copper	63-2	2.24	2.16	2.09	2.16	3.35	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				96		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				102		%
Iron	56-2	61.86	59.66	60.92	60.82	1.82	ppb
Iron	57-2	55.13	63.34	59.42	59.30	6.93	ppb
Krypton	83-1						cps
Lead	206-1	1.05	1.09	0.97	1.04	5.99	ppb
Lead	207-1	1.05	0.98	1.09	1.04	5.47	ppb
Lead	208-1	1.04	1.01	1.03	1.03	1.58	ppb
Lithium	6-1				97		%
Magnesium	24-2	535.90	531.93	536.54	534.79	0.47	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 15:02:25	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.04	1.18	1.12	1.11	6.12	ppb
Molybdenum	94-1	4.41	4.01	4.18	4.20	4.80	ppb
Molybdenum	95-1	4.28	4.32	4.03	4.21	3.66	ppb
Molybdenum	96-1	4.50	4.15	4.03	4.22	5.76	ppb
Molybdenum	97-1	4.67	4.13	4.47	4.42	6.22	ppb
Molybdenum	98-1	4.50	4.07	3.97	4.18	6.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	1.16	1.16	1.12	5.68	ppb
Phosphorus	31-2	23.51	31.52	17.80	24.28	28.39	ppb
Potassium	39-2	522.28	511.00	511.80	515.03	1.22	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				95		%
Scandium	45-2				101		%
Selenium	77-2	1.75	13.27	6.92	7.31	78.91	ppb
Selenium	78-2	3.93	2.88	4.19	3.67	18.98	ppb
Selenium	82-1	5.86	5.46	5.77	5.70	3.65	ppb
Silicon	28-1	8.89	7.95	8.19	8.34	5.87	ppb
Silver	109-1	0.98	1.00	1.08	1.02	5.43	ppb
Silver	107-1	1.08	0.94	0.97	0.99	7.34	ppb
Sodium	23-2	549.67	546.87	542.13	546.23	0.70	ppb
Strontium	86-1	1.12	0.94	0.89	0.98	12.29	ppb
Strontium	88-1	1.01	0.99	0.93	0.98	4.20	ppb
Sulfur	34-1	-529.57	-743.80	-657.25	-643.54		ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	0.87	0.95	0.91	0.91	4.21	ppb
Thallium	205-1	0.95	1.04	0.97	0.99	4.45	ppb
Thorium	232-1	0.87	0.88	0.89	0.88	1.31	ppb
Tin	118-1	5.40	5.11	5.37	5.29	2.95	ppb
Titanium	47-1	4.16	4.22	3.99	4.12	2.92	ppb
Uranium	238-1	0.89	0.88	0.89	0.88	0.88	ppb
Vanadium	51-2	5.35	5.06	5.18	5.20	2.79	ppb
Yttrium	89-1				98		%
Yttrium	89-2				102		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 15:02:25	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.93	1.89	2.69	2.17	20.69	ppb
Zirconium	90-1	0.98	0.95	0.92	0.95	2.97	ppb
Zirconium	91-1	1.00	0.93	0.96	0.97	3.79	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : CCB05 Instrumnet Name : P7
 Client Sample ID : CCB05 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 15:06:39 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.11	0.65	0.36	0.71	53.93	ppb
Antimony	121-1	0.03	0.07	0.02	0.04	68.93	ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.01	0.03	0.03	0.02	67.35	ppb
Barium	137-1	0.05	0.03	0.02	0.03	35.82	ppb
Beryllium	9-1	0.01	0.03	0.04	0.03	63.56	ppb
Bismuth	209-1				95		%
Bismuth	209-2				98		%
Boron	10-1	5.61	5.55	5.35	5.51	2.54	ppb
Boron	11-1	5.53	4.98	5.01	5.17	5.99	ppb
Cadmium	111-1	0.02	-0.08	-0.02	-0.03		ppb
Cadmium	106-1	0.11	-1.21	-0.48	-0.53		ppb
Cadmium	108-1	0.14	-0.02	-0.02	0.03	289.26	ppb
Calcium	43-1	1.41	8.76	3.43	4.53	83.80	ppb
Calcium	44-1	10.09	9.43	8.23	9.25	10.24	ppb
Chromium	52-2	-0.01	0.00	0.08	0.02	238.01	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	35.55	ppb
Copper	63-2	0.04	0.06	0.06	0.05	17.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				95		%
Indium	115-1				95		%
Indium	115-2				101		%
Iron	56-2	1.99	1.97	2.00	1.99	0.95	ppb
Iron	57-2	1.77	2.95	0.33	1.69	77.96	ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.05	0.06	0.07	38.48	ppb
Lead	207-1	0.11	0.05	0.07	0.08	39.56	ppb
Lead	208-1	0.09	0.06	0.07	0.07	23.39	ppb
Lithium	6-1				96		%
Magnesium	24-2	3.77	4.15	3.72	3.88	6.08	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 15:06:39	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.02	0.01	0.02	45.29	ppb
Molybdenum	94-1	0.08	0.08	0.05	0.07	23.02	ppb
Molybdenum	95-1	0.11	0.10	0.05	0.09	40.64	ppb
Molybdenum	96-1	0.11	0.04	0.04	0.06	66.02	ppb
Molybdenum	97-1	0.08	0.04	0.07	0.06	35.67	ppb
Molybdenum	98-1	0.07	0.09	0.04	0.06	36.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.03	0.02	0.02	76.38	ppb
Phosphorus	31-2	-40.85	-24.79	-13.78	-26.47		ppb
Potassium	39-2	13.90	16.21	13.29	14.47	10.65	ppb
Rhodium	103-1				96		%
Rhodium	103-2				100		%
Scandium	45-1				93		%
Scandium	45-2				100		%
Selenium	77-2	-0.36	-0.36	-0.36	-0.36		ppb
Selenium	78-2	0.48	-0.20	0.14	0.14	243.40	ppb
Selenium	82-1	0.48	0.24	-0.23	0.16	219.53	ppb
Silicon	28-1	3.39	3.20	3.16	3.25	3.90	ppb
Silver	109-1	0.01	0.02	0.03	0.02	67.85	ppb
Silver	107-1	0.02	0.02	-0.01	0.01	155.55	ppb
Sodium	23-2	22.52	22.37	20.08	21.66	6.31	ppb
Strontium	86-1	-0.05	-0.05	-0.01	-0.03		ppb
Strontium	88-1	0.01	0.01	0.00	0.01	69.31	ppb
Sulfur	34-1	272.13	-19.03	-238.55	4.85	5280.66	ppb
Terbium	159-1				95		%
Terbium	159-2				96		%
Thallium	203-1	0.02	0.02	0.01	0.02	33.56	ppb
Thallium	205-1	0.02	0.03	0.03	0.03	35.54	ppb
Thorium	232-1	0.01	0.02	0.02	0.02	10.35	ppb
Tin	118-1	0.06	0.01	0.03	0.03	74.57	ppb
Titanium	47-1	0.01	0.05	0.03	0.03	73.18	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	2.87	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				96		%
Yttrium	89-2				101		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 15:06:39	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.15	0.15	0.17	0.15	8.94	ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	30.74	ppb
Zirconium	91-1	0.03	0.00	0.02	0.02	69.88	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 15:10:15	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.91	22.21	19.05	20.06	9.30	ppb
Antimony	121-1	1.79	2.01	1.89	1.90	5.88	ppb
Arsenic	75-2	1.08	1.23	1.28	1.20	8.81	ppb
Barium	135-1	11.27	10.02	10.31	10.54	6.19	ppb
Barium	137-1	10.35	10.35	9.79	10.16	3.20	ppb
Beryllium	9-1	1.06	1.09	1.07	1.07	1.59	ppb
Bismuth	209-1				98		%
Bismuth	209-2				93		%
Boron	10-1	26.90	26.54	27.77	27.07	2.34	ppb
Boron	11-1	26.23	26.52	27.66	26.80	2.83	ppb
Cadmium	111-1	1.02	1.02	0.77	0.94	15.53	ppb
Cadmium	106-1	2.04	2.12	-0.96	1.07	164.95	ppb
Cadmium	108-1	0.94	0.97	1.19	1.03	13.61	ppb
Calcium	43-1	480.42	489.49	494.75	488.22	1.49	ppb
Calcium	44-1	481.88	483.69	477.48	481.02	0.66	ppb
Chromium	52-2	2.26	2.27	2.31	2.28	1.27	ppb
Cobalt	59-2	1.03	1.23	1.15	1.14	8.62	ppb
Copper	63-2	2.04	2.27	2.50	2.27	10.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				91		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	58.84	63.20	65.36	62.47	5.32	ppb
Iron	57-2	58.00	66.38	63.97	62.78	6.87	ppb
Krypton	83-1						cps
Lead	206-1	0.88	1.07	1.08	1.01	11.33	ppb
Lead	207-1	1.06	0.88	1.08	1.01	10.67	ppb
Lead	208-1	0.96	0.99	1.05	1.00	4.38	ppb
Lithium	6-1				101		%
Magnesium	24-2	560.43	574.54	608.27	581.08	4.23	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 15:10:15	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.05	1.22	1.25	1.17	9.24	ppb
Molybdenum	94-1	4.25	4.51	4.30	4.35	3.10	ppb
Molybdenum	95-1	4.20	4.23	4.09	4.18	1.75	ppb
Molybdenum	96-1	4.26	4.22	4.10	4.19	1.98	ppb
Molybdenum	97-1	4.31	4.37	3.81	4.16	7.37	ppb
Molybdenum	98-1	4.16	4.22	4.14	4.18	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.21	1.26	1.20	1.23	2.72	ppb
Phosphorus	31-2	20.78	32.83	63.63	39.08	56.55	ppb
Potassium	39-2	524.48	556.09	590.65	557.07	5.94	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	77-2	8.04	8.73	8.73	8.50	4.69	ppb
Selenium	78-2	4.43	5.98	7.85	6.09	28.12	ppb
Selenium	82-1	6.42	6.10	5.85	6.12	4.70	ppb
Silicon	28-1	7.76	8.43	8.28	8.16	4.28	ppb
Silver	109-1	1.07	1.01	1.06	1.05	3.01	ppb
Silver	107-1	1.04	1.14	0.92	1.03	10.69	ppb
Sodium	23-2	546.16	586.43	608.59	580.39	5.45	ppb
Strontium	86-1	0.98	0.72	1.11	0.94	21.37	ppb
Strontium	88-1	1.00	0.92	0.92	0.94	4.73	ppb
Sulfur	34-1	-521.67	-40.83	-220.35	-260.95		ppb
Terbium	159-1				99		%
Terbium	159-2				90		%
Thallium	203-1	0.94	0.85	0.95	0.91	6.29	ppb
Thallium	205-1	0.92	0.97	0.97	0.95	3.14	ppb
Thorium	232-1	0.80	0.80	0.87	0.82	4.76	ppb
Tin	118-1	5.33	5.38	5.31	5.34	0.65	ppb
Titanium	47-1	3.99	4.34	4.18	4.17	4.30	ppb
Uranium	238-1	0.88	0.93	0.93	0.91	2.85	ppb
Vanadium	51-2	5.34	5.81	6.07	5.74	6.46	ppb
Yttrium	89-1				99		%
Yttrium	89-2				96		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 15:10:15	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.97	2.25	2.62	2.28	14.33	ppb
Zirconium	90-1	0.94	0.91	0.95	0.93	1.91	ppb
Zirconium	91-1	1.01	1.08	1.02	1.04	4.07	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : PB121426BL Instrumnet Name : P7
 Client Sample ID : PB121426BL Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 15:13:51 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.26	0.04	-0.10	-0.11		ppb
Antimony	121-1	0.03	0.02	0.04	0.03	39.87	ppb
Arsenic	75-2	-0.02	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.00	0.00	-0.01	0.00	2851.11	ppb
Barium	137-1	-0.01	0.01	0.01	0.00	317.05	ppb
Beryllium	9-1	0.01	0.01	-0.01	0.00	195.52	ppb
Bismuth	209-1				96		%
Bismuth	209-2				99		%
Boron	10-1	3.58	3.53	3.23	3.45	5.49	ppb
Boron	11-1	3.73	3.11	3.31	3.38	9.32	ppb
Cadmium	111-1	0.06	0.04	-0.07	0.01	695.43	ppb
Cadmium	106-1	0.72	0.52	-0.76	0.16	502.66	ppb
Cadmium	108-1	-0.02	0.13	-0.02	0.03	308.18	ppb
Calcium	43-1	3.88	-1.34	1.78	1.44	182.62	ppb
Calcium	44-1	5.22	4.53	5.48	5.08	9.71	ppb
Chromium	52-2	0.01	0.00	-0.01	0.00	286.27	ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	34.12	ppb
Copper	63-2	0.00	0.05	-0.06	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				95		%
Holmium	165-2				96		%
Indium	115-1				98		%
Indium	115-2				102		%
Iron	56-2	0.06	0.24	0.12	0.14	63.04	ppb
Iron	57-2	-1.20	0.01	0.98	-0.07		ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.04	0.04	0.04	6.43	ppb
Lead	207-1	-0.01	0.00	0.02	0.01	215.87	ppb
Lead	208-1	0.02	0.02	0.03	0.03	25.98	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.16	0.30	0.63	0.26	154.79	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : PB121426BL Instrumnet Name : P7
 Client Sample ID : PB121426BL Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 15:13:51 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	-0.01	0.00		ppb
Molybdenum	94-1	0.04	0.02	0.05	0.03	42.14	ppb
Molybdenum	95-1	0.00	0.02	0.01	0.01	60.96	ppb
Molybdenum	96-1	0.02	0.02	0.04	0.03	47.33	ppb
Molybdenum	97-1	0.02	0.04	0.00	0.02	90.99	ppb
Molybdenum	98-1	0.01	0.02	0.02	0.02	28.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	0.04	0.01	266.46	ppb
Phosphorus	31-2	-22.28	-14.29	-30.25	-22.28		ppb
Potassium	39-2	8.77	14.08	8.81	10.55	28.91	ppb
Rhodium	103-1				97		%
Rhodium	103-2				102		%
Scandium	45-1				95		%
Scandium	45-2				101		%
Selenium	77-2	-0.36	0.69	-0.36	-0.01		ppb
Selenium	78-2	-0.75	-0.41	0.80	-0.12		ppb
Selenium	82-1	0.48	-0.11	0.08	0.15	198.89	ppb
Silicon	28-1	0.85	0.87	0.95	0.89	5.76	ppb
Silver	109-1	0.01	0.00	0.00	0.01	74.97	ppb
Silver	107-1	-0.02	0.02	0.01	0.00	552.83	ppb
Sodium	23-2	12.82	13.14	12.27	12.74	3.47	ppb
Strontium	86-1	-0.07	-0.03	-0.08	-0.06		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	103.31	ppb
Sulfur	34-1	164.12	-132.13	-4.23	9.25	1605.91	ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	-0.01	0.01	0.05	0.02	178.01	ppb
Thallium	205-1	0.01	0.04	0.02	0.03	52.86	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	19.57	ppb
Tin	118-1	0.01	0.03	0.06	0.03	71.47	ppb
Titanium	47-1	-0.03	0.04	0.05	0.02	217.14	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.00	0.00		ppb
Yttrium	89-1				97		%
Yttrium	89-2				102		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	PB121426BL	Instrumnet Name :	P7
Client Sample ID :	PB121426BL	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 15:13:51	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.30	0.04	0.02	-0.08		ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	356.93	ppb
Zirconium	91-1	-0.01	0.00	-0.01	-0.01		ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	PB121426BS	Instrumnet Name :	P7
Client Sample ID :	PB121426BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 15:17:27	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9460.62	9383.30	9471.59	9438.50	0.51	ppb
Antimony	121-1	505.22	495.46	498.98	499.88	0.99	ppb
Arsenic	75-2	500.83	503.89	500.48	501.73	0.37	ppb
Barium	135-1	2519.38	2479.79	2512.35	2503.84	0.84	ppb
Barium	137-1	2494.10	2474.16	2476.62	2481.62	0.44	ppb
Beryllium	9-1	503.70	505.22	506.95	505.29	0.32	ppb
Bismuth	209-1				94		%
Bismuth	209-2				97		%
Boron	10-1	470.88	471.77	485.95	476.20	1.78	ppb
Boron	11-1	475.45	477.68	497.11	483.41	2.46	ppb
Cadmium	111-1	487.42	477.93	488.18	484.51	1.18	ppb
Cadmium	106-1	492.97	473.58	489.78	485.44	2.14	ppb
Cadmium	108-1	474.45	491.14	474.88	480.16	1.98	ppb
Calcium	43-1	47665.68	47676.32	47359.00	47567.00	0.38	ppb
Calcium	44-1	47644.25	47269.37	47165.10	47359.58	0.53	ppb
Chromium	52-2	503.89	502.06	504.05	503.33	0.22	ppb
Cobalt	59-2	502.21	501.88	506.81	503.63	0.55	ppb
Copper	63-2	986.39	978.73	991.69	985.61	0.66	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				94		%
Indium	115-1				94		%
Indium	115-2				99		%
Iron	56-2	25066.33	24652.30	24738.00	24818.88	0.88	ppb
Iron	57-2	25492.14	25310.29	25596.46	25466.30	0.57	ppb
Krypton	83-1						cps
Lead	206-1	483.75	482.86	484.53	483.71	0.17	ppb
Lead	207-1	490.55	493.87	497.67	494.03	0.72	ppb
Lead	208-1	486.96	491.43	491.67	490.02	0.54	ppb
Lithium	6-1				97		%
Magnesium	24-2	50208.53	49343.79	49578.01	49710.11	0.90	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	PB121426BS	Instrumnet Name :	P7
Client Sample ID :	PB121426BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 15:17:27	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1002.24	1004.01	1011.72	1005.99	0.50	ppb
Molybdenum	94-1	2374.03	2392.90	2360.57	2375.83	0.68	ppb
Molybdenum	95-1	2307.43	2331.93	2322.20	2320.52	0.53	ppb
Molybdenum	96-1	2329.87	2314.22	2319.77	2321.29	0.34	ppb
Molybdenum	97-1	2328.37	2326.89	2306.68	2320.65	0.52	ppb
Molybdenum	98-1	2305.40	2323.90	2320.50	2316.60	0.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.53	501.87	506.83	505.41	0.61	ppb
Phosphorus	31-2	9777.78	10188.67	10025.56	9997.34	2.07	ppb
Potassium	39-2	24045.26	23816.60	23729.78	23863.88	0.68	ppb
Rhodium	103-1				92		%
Rhodium	103-2				98		%
Scandium	45-1				95		%
Scandium	45-2				99		%
Selenium	77-2	459.76	529.52	532.51	507.26	8.12	ppb
Selenium	78-2	500.29	499.04	508.74	502.69	1.05	ppb
Selenium	82-1	495.54	495.25	492.00	494.26	0.40	ppb
Silicon	28-1	610.78	630.75	652.33	631.29	3.29	ppb
Silver	109-1	483.40	484.34	482.94	483.56	0.15	ppb
Silver	107-1	482.26	498.54	488.29	489.70	1.68	ppb
Sodium	23-2	49576.99	48917.92	48934.10	49143.00	0.76	ppb
Strontium	86-1	496.71	497.19	494.70	496.20	0.27	ppb
Strontium	88-1	495.56	501.37	497.99	498.31	0.59	ppb
Sulfur	34-1	10345.13	10243.57	10145.00	10244.56	0.98	ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	476.30	483.70	484.70	481.57	0.95	ppb
Thallium	205-1	480.03	484.04	487.53	483.87	0.78	ppb
Thorium	232-1	478.77	477.21	481.69	479.22	0.47	ppb
Tin	118-1	498.82	493.03	495.22	495.69	0.59	ppb
Titanium	47-1	2231.07	2233.24	2228.71	2231.01	0.10	ppb
Uranium	238-1	481.24	478.09	488.12	482.48	1.06	ppb
Vanadium	51-2	501.81	495.90	503.12	500.27	0.77	ppb
Yttrium	89-1				97		%
Yttrium	89-2				102		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	PB121426BS	Instrumnet Name :	P7
Client Sample ID :	PB121426BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 15:17:27	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	951.01	947.56	948.61	949.06	0.19	ppb
Zirconium	90-1	490.92	492.09	496.50	493.17	0.60	ppb
Zirconium	91-1	495.30	490.37	490.39	492.02	0.58	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3782-01 Instrumnet Name : P7
 Client Sample ID : KY030OF001-SW-19071 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 15:21:03 DataFile Name : 022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.58	26.49	21.90	23.65	10.47	ppb
Antimony	121-1	1.63	1.69	1.56	1.62	3.87	ppb
Arsenic	75-2	5.81	5.73	6.04	5.86	2.76	ppb
Barium	135-1	179.92	223.72	203.89	202.51	10.83	ppb
Barium	137-1	182.16	224.35	201.65	202.72	10.41	ppb
Beryllium	9-1	0.10	0.07	0.06	0.08	29.19	ppb
Bismuth	209-1				84		%
Bismuth	209-2				93		%
Boron	10-1	243.28	301.53	278.03	274.28	10.68	ppb
Boron	11-1	261.88	314.59	293.20	289.89	9.15	ppb
Cadmium	111-1	0.35	0.57	-0.02	0.30	98.92	ppb
Cadmium	106-1	0.08	1.79	-2.80	-0.31		ppb
Cadmium	108-1	0.06	0.85	0.68	0.53	78.89	ppb
Calcium	43-1	69649.39	88385.20	82694.35	80242.98	11.97	ppb
Calcium	44-1	70018.99	88937.60	84085.94	81014.18	12.13	ppb
Chromium	52-2	2.59	2.59	2.51	2.56	1.67	ppb
Cobalt	59-2	0.15	0.21	0.20	0.18	17.11	ppb
Copper	63-2	3.73	3.91	4.11	3.92	4.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				84		%
Holmium	165-2				95		%
Indium	115-1				87		%
Indium	115-2				97		%
Iron	56-2	8.92	8.70	8.84	8.82	1.29	ppb
Iron	57-2	358.63	348.92	365.34	357.63	2.31	ppb
Krypton	83-1						cps
Lead	206-1	1.46	1.63	1.31	1.47	10.95	ppb
Lead	207-1	1.30	1.60	1.23	1.38	14.18	ppb
Lead	208-1	1.37	1.63	1.22	1.41	14.98	ppb
Lithium	6-1				113		%
Magnesium	24-2	13169.51	13182.21	13223.15	13191.62	0.21	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3782-01 Instrumnet Name : P7
 Client Sample ID : KY030OF001-SW-19071 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 15:21:03 DataFile Name : 022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4.13	4.07	4.54	4.24	5.97	ppb
Molybdenum	94-1	1.78	1.69	1.63	1.70	4.68	ppb
Molybdenum	95-1	1.97	2.37	1.95	2.10	11.20	ppb
Molybdenum	96-1	1.95	2.19	1.88	2.01	8.15	ppb
Molybdenum	97-1	2.08	2.52	2.12	2.24	10.80	ppb
Molybdenum	98-1	2.05	2.25	1.89	2.07	8.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.63	1.86	1.79	1.76	6.76	ppb
Phosphorus	31-2	-6.54	-25.65	-6.71	-12.97		ppb
Potassium	39-2	2986.95	2996.81	2993.71	2992.49	0.17	ppb
Rhodium	103-1				84		%
Rhodium	103-2				98		%
Scandium	45-1				88		%
Scandium	45-2				103		%
Selenium	77-2	3.95	1.76	2.84	2.85	38.51	ppb
Selenium	78-2	1.45	-1.07	-0.18	0.07	1915.51	ppb
Selenium	82-1	1.91	0.74	1.40	1.35	43.63	ppb
Silicon	28-1	7933.18	10196.96	9545.33	9225.15	12.63	ppb
Silver	109-1	1.15	1.40	0.97	1.17	18.53	ppb
Silver	107-1	1.09	1.29	0.96	1.11	15.08	ppb
Sodium	23-2	50845.34	50332.57	50140.93	50439.61	0.72	ppb
Strontium	86-1	457.12	569.36	523.49	516.66	10.92	ppb
Strontium	88-1	463.02	583.95	532.87	526.62	11.53	ppb
Sulfur	34-1	10454.81	15488.43	14043.54	13328.93	19.44	ppb
Terbium	159-1				87		%
Terbium	159-2				96		%
Thallium	203-1	0.62	0.35	0.28	0.42	42.34	ppb
Thallium	205-1	0.59	0.54	0.34	0.49	27.25	ppb
Thorium	232-1	0.28	0.29	0.34	0.30	11.62	ppb
Tin	118-1	2.71	3.38	3.07	3.05	11.01	ppb
Titanium	47-1	1.38	1.53	1.35	1.42	6.68	ppb
Uranium	238-1	0.69	0.81	0.68	0.73	10.21	ppb
Vanadium	51-2	1.00	1.02	1.07	1.03	3.63	ppb
Yttrium	89-1				88		%
Yttrium	89-2				100		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3782-01	Instrumnet Name :	P7
Client Sample ID :	KY030OF001-SW-19071	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 15:21:03	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	6.39	6.66	6.65	6.57	2.30	ppb
Zirconium	90-1	0.19	0.19	0.14	0.17	17.35	ppb
Zirconium	91-1	0.15	0.27	0.12	0.18	44.43	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3782-01DUP Instrumnet Name : P7
 Client Sample ID : KY030OF001-SW-19071 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 15:24:39 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26.32	25.68	25.13	25.71	2.32	ppb
Antimony	121-1	0.92	0.79	0.95	0.88	9.64	ppb
Arsenic	75-2	5.54	5.98	5.58	5.70	4.33	ppb
Barium	135-1	189.07	180.88	182.00	183.98	2.41	ppb
Barium	137-1	188.93	185.08	181.86	185.29	1.91	ppb
Beryllium	9-1	0.02	0.00	0.01	0.01	73.09	ppb
Bismuth	209-1				92		%
Bismuth	209-2				92		%
Boron	10-1	265.78	265.20	264.44	265.14	0.25	ppb
Boron	11-1	281.78	281.85	283.50	282.38	0.34	ppb
Cadmium	111-1	-0.17	0.14	0.03	0.00	10274.73	ppb
Cadmium	106-1	-3.32	0.72	-0.48	-1.03		ppb
Cadmium	108-1	-0.02	0.29	0.21	0.16	100.42	ppb
Calcium	43-1	74724.42	73793.25	73339.72	73952.47	0.95	ppb
Calcium	44-1	75253.30	73676.57	73956.33	74295.40	1.13	ppb
Chromium	52-2	2.13	2.16	2.33	2.21	4.74	ppb
Cobalt	59-2	0.12	0.14	0.12	0.13	6.92	ppb
Copper	63-2	4.01	3.92	3.75	3.89	3.41	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				93		%
Holmium	165-2				94		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	56-2	6.11	5.70	5.87	5.90	3.49	ppb
Iron	57-2	331.98	349.10	335.23	338.77	2.68	ppb
Krypton	83-1						cps
Lead	206-1	0.64	0.57	0.57	0.59	6.82	ppb
Lead	207-1	0.56	0.50	0.53	0.53	5.95	ppb
Lead	208-1	0.57	0.55	0.54	0.55	3.51	ppb
Lithium	6-1				113		%
Magnesium	24-2	13022.38	13182.41	13018.31	13074.37	0.72	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3782-01DUP Instrumnet Name : P7
 Client Sample ID : KY0300F001-SW-19071 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 15:24:39 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4.28	4.69	4.30	4.42	5.30	ppb
Molybdenum	94-1	1.12	0.96	1.04	1.04	7.70	ppb
Molybdenum	95-1	1.25	1.40	1.25	1.30	6.71	ppb
Molybdenum	96-1	1.40	1.30	1.07	1.26	13.40	ppb
Molybdenum	97-1	1.27	1.24	1.38	1.30	5.65	ppb
Molybdenum	98-1	1.23	1.20	1.33	1.25	5.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.92	1.95	1.90	1.92	1.32	ppb
Phosphorus	31-2	-27.20	-37.83	-19.22	-28.08		ppb
Potassium	39-2	2819.56	2898.43	2830.97	2849.65	1.50	ppb
Rhodium	103-1				92		%
Rhodium	103-2				97		%
Scandium	45-1				95		%
Scandium	45-2				99		%
Selenium	77-2	4.04	1.84	1.81	2.56	49.95	ppb
Selenium	78-2	0.10	-0.62	0.22	-0.10		ppb
Selenium	82-1	1.09	0.66	1.35	1.04	33.76	ppb
Silicon	28-1	8276.57	8272.07	8320.07	8289.57	0.32	ppb
Silver	109-1	0.57	0.50	0.55	0.54	6.30	ppb
Silver	107-1	0.47	0.40	0.54	0.47	14.02	ppb
Sodium	23-2	50408.48	50662.59	49748.56	50273.21	0.94	ppb
Strontium	86-1	482.87	476.06	473.73	477.55	0.99	ppb
Strontium	88-1	480.07	481.44	478.22	479.91	0.34	ppb
Sulfur	34-1	12091.71	11576.09	11463.58	11710.46	2.86	ppb
Terbium	159-1				95		%
Terbium	159-2				94		%
Thallium	203-1	0.05	0.00	0.03	0.03	94.92	ppb
Thallium	205-1	0.04	0.02	0.01	0.03	65.12	ppb
Thorium	232-1	0.09	0.10	0.08	0.09	8.78	ppb
Tin	118-1	1.69	1.85	1.96	1.83	7.67	ppb
Titanium	47-1	0.79	0.96	0.97	0.91	11.03	ppb
Uranium	238-1	0.57	0.59	0.62	0.59	3.84	ppb
Vanadium	51-2	1.16	1.34	1.33	1.28	8.03	ppb
Yttrium	89-1				97		%
Yttrium	89-2				97		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3782-01DUP	Instrumnet Name :	P7
Client Sample ID :	KY030OF001-SW-19071	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 15:24:39	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	6.16	6.40	6.23	6.27	1.93	ppb
Zirconium	90-1	0.07	0.06	0.07	0.06	8.69	ppb
Zirconium	91-1	0.09	0.06	0.05	0.07	26.65	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3782-01LX5 Instrumnet Name : P7
 Client Sample ID : KY030OF001-SW-19071 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-17 15:28:16 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.58	3.48	4.05	3.37	22.05	ppb
Antimony	121-1	0.24	0.21	0.18	0.21	16.31	ppb
Arsenic	75-2	1.00	1.34	1.13	1.16	14.55	ppb
Barium	135-1	35.30	36.17	35.03	35.50	1.68	ppb
Barium	137-1	35.78	36.79	35.79	36.12	1.60	ppb
Beryllium	9-1	0.00	0.01	0.02	0.01	61.43	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	72.65	73.90	73.19	73.25	0.85	ppb
Boron	11-1	78.41	75.77	75.70	76.63	2.02	ppb
Cadmium	111-1	0.14	-0.12	0.04	0.02	702.32	ppb
Cadmium	106-1	1.46	-1.79	0.43	0.03	5054.67	ppb
Cadmium	108-1	-0.03	0.05	0.05	0.02	179.45	ppb
Calcium	43-1	14902.70	14760.14	14249.12	14637.32	2.35	ppb
Calcium	44-1	14551.70	14705.28	14493.57	14583.52	0.75	ppb
Chromium	52-2	0.44	0.43	0.40	0.43	5.09	ppb
Cobalt	59-2	0.03	0.01	0.03	0.03	38.38	ppb
Copper	63-2	1.13	1.02	1.08	1.08	5.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				94		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	1.32	0.81	1.10	1.08	23.68	ppb
Iron	57-2	72.14	58.68	64.56	65.13	10.36	ppb
Krypton	83-1						cps
Lead	206-1	0.23	0.18	0.16	0.19	17.52	ppb
Lead	207-1	0.18	0.17	0.15	0.17	9.93	ppb
Lead	208-1	0.20	0.18	0.17	0.18	9.68	ppb
Lithium	6-1				101		%
Magnesium	24-2	2662.89	2560.26	2555.83	2592.99	2.34	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3782-01LX5 Instrumnet Name : P7
 Client Sample ID : KY0300F001-SW-19071 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-17 15:28:16 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.90	0.84	0.92	0.89	4.62	ppb
Molybdenum	94-1	0.17	0.17	0.21	0.19	12.20	ppb
Molybdenum	95-1	0.27	0.27	0.20	0.24	15.83	ppb
Molybdenum	96-1	0.27	0.21	0.25	0.24	11.76	ppb
Molybdenum	97-1	0.27	0.36	0.26	0.30	18.52	ppb
Molybdenum	98-1	0.25	0.24	0.26	0.25	3.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.35	0.31	0.43	0.36	16.82	ppb
Phosphorus	31-2	-26.53	-29.52	-35.25	-30.43		ppb
Potassium	39-2	581.22	571.50	568.99	573.90	1.13	ppb
Rhodium	103-1				97		%
Rhodium	103-2				101		%
Scandium	45-1				95		%
Scandium	45-2				98		%
Selenium	77-2	-0.36	0.73	-0.36	0.01	7959.99	ppb
Selenium	78-2	-0.84	-0.64	0.19	-0.43		ppb
Selenium	82-1	0.73	0.36	0.55	0.55	33.62	ppb
Silicon	28-1	1626.54	1634.76	1603.50	1621.60	1.00	ppb
Silver	109-1	0.13	0.18	0.15	0.15	15.18	ppb
Silver	107-1	0.14	0.04	0.13	0.10	52.97	ppb
Sodium	23-2	9908.53	9767.54	9558.65	9744.90	1.81	ppb
Strontium	86-1	92.52	95.22	91.69	93.14	1.98	ppb
Strontium	88-1	93.02	92.92	91.13	92.36	1.15	ppb
Sulfur	34-1	2096.28	1821.95	1759.32	1892.52	9.47	ppb
Terbium	159-1				101		%
Terbium	159-2				95		%
Thallium	203-1	-0.03	-0.02	-0.03	-0.03		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Thorium	232-1	0.02	0.02	0.02	0.02	2.15	ppb
Tin	118-1	0.25	0.24	0.25	0.25	1.91	ppb
Titanium	47-1	0.15	0.16	0.09	0.14	28.04	ppb
Uranium	238-1	0.11	0.11	0.10	0.11	7.50	ppb
Vanadium	51-2	0.48	0.48	0.50	0.49	2.58	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3782-01LX5	Instrumnet Name :	P7
Client Sample ID :	KY030OF001-SW-19071	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 15:28:16	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.43	1.12	1.08	1.21	15.77	ppb
Zirconium	90-1	0.01	0.02	0.01	0.02	39.28	ppb
Zirconium	91-1	0.01	0.01	0.00	0.01	53.43	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3782-01MS Instrumnet Name : P7
 Client Sample ID : KY030OF001-SW-19071 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 15:31:53 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9970.75	9883.84	9837.34	9897.31	0.68	ppb
Antimony	121-1	543.43	526.63	528.96	533.01	1.71	ppb
Arsenic	75-2	554.42	560.08	557.48	557.33	0.51	ppb
Barium	135-1	2888.51	2807.60	2785.52	2827.21	1.92	ppb
Barium	137-1	2860.65	2828.70	2817.70	2835.68	0.79	ppb
Beryllium	9-1	469.19	460.27	463.06	464.17	0.98	ppb
Bismuth	209-1				90		%
Bismuth	209-2				89		%
Boron	10-1	734.56	748.91	753.79	745.75	1.34	ppb
Boron	11-1	750.28	765.13	789.64	768.35	2.59	ppb
Cadmium	111-1	511.37	497.56	497.72	502.22	1.58	ppb
Cadmium	106-1	497.83	492.91	497.92	496.22	0.58	ppb
Cadmium	108-1	498.24	495.55	503.78	499.19	0.84	ppb
Calcium	43-1	124429.77	122527.50	123257.74	123405.00	0.78	ppb
Calcium	44-1	127032.54	124698.51	125614.63	125781.89	0.93	ppb
Chromium	52-2	537.09	536.08	535.43	536.20	0.16	ppb
Cobalt	59-2	539.23	535.63	537.04	537.30	0.34	ppb
Copper	63-2	1070.93	1074.91	1076.14	1073.99	0.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				94		%
Indium	115-1				89		%
Indium	115-2				90		%
Iron	56-2	26225.99	26013.73	25814.46	26018.06	0.79	ppb
Iron	57-2	27334.44	26922.19	27013.72	27090.12	0.80	ppb
Krypton	83-1						cps
Lead	206-1	531.56	540.11	537.84	536.50	0.83	ppb
Lead	207-1	544.58	544.25	548.36	545.73	0.42	ppb
Lead	208-1	539.99	539.78	542.86	540.87	0.32	ppb
Lithium	6-1				102		%
Magnesium	24-2	69092.85	67730.05	67541.99	68121.63	1.24	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3782-01MS Instrumnet Name : P7
 Client Sample ID : KY0300F001-SW-19071 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 15:31:53 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1093.64	1085.32	1077.70	1085.55	0.73	ppb
Molybdenum	94-1	2245.05	2207.98	2192.95	2215.33	1.21	ppb
Molybdenum	95-1	2148.79	2106.78	2096.37	2117.32	1.31	ppb
Molybdenum	96-1	2151.83	2112.80	2128.27	2130.97	0.92	ppb
Molybdenum	97-1	2148.30	2118.89	2114.34	2127.18	0.87	ppb
Molybdenum	98-1	2139.72	2144.75	2107.40	2130.62	0.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	551.30	541.07	544.44	545.60	0.96	ppb
Phosphorus	31-2	-19.88	-15.09	-4.25	-13.08		ppb
Potassium	39-2	28438.46	27633.66	27599.74	27890.62	1.70	ppb
Rhodium	103-1				87		%
Rhodium	103-2				93		%
Scandium	45-1				90		%
Scandium	45-2				96		%
Selenium	77-2	498.69	469.16	509.96	492.61	4.28	ppb
Selenium	78-2	513.15	512.18	499.50	508.27	1.50	ppb
Selenium	82-1	522.26	511.05	509.68	514.33	1.34	ppb
Silicon	28-1	8580.94	8613.97	8651.92	8615.61	0.41	ppb
Silver	109-1	492.13	481.45	477.80	483.79	1.54	ppb
Silver	107-1	479.83	466.09	481.82	475.91	1.80	ppb
Sodium	23-2	103994.79	101835.49	101399.59	102409.96	1.36	ppb
Strontium	86-1	981.85	963.42	956.17	967.15	1.37	ppb
Strontium	88-1	988.90	968.75	960.20	972.61	1.52	ppb
Sulfur	34-1	12273.40	12007.84	12044.26	12108.50	1.19	ppb
Terbium	159-1				94		%
Terbium	159-2				94		%
Thallium	203-1	504.41	505.91	505.29	505.20	0.15	ppb
Thallium	205-1	515.45	514.30	516.94	515.56	0.26	ppb
Thorium	232-1	0.12	0.13	0.12	0.12	2.06	ppb
Tin	118-1	540.69	521.71	522.80	528.40	2.02	ppb
Titanium	47-1	2076.62	2016.41	2031.96	2041.66	1.53	ppb
Uranium	238-1	523.93	527.16	531.16	527.42	0.69	ppb
Vanadium	51-2	530.70	528.35	526.48	528.51	0.40	ppb
Yttrium	89-1				93		%
Yttrium	89-2				95		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3782-01MS	Instrumnet Name :	P7
Client Sample ID :	KY030OF001-SW-19071	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 15:31:53	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	955.66	953.27	948.05	952.33	0.41	ppb
Zirconium	90-1	498.96	497.18	499.02	498.39	0.21	ppb
Zirconium	91-1	504.76	494.96	496.43	498.72	1.06	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3782-01MSD Instrumnet Name : P7
 Client Sample ID : KY0300F001-SW-19071 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 15:35:30 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9836.98	9921.40	10155.80	9971.39	1.66	ppb
Antimony	121-1	542.74	531.27	524.94	532.98	1.69	ppb
Arsenic	75-2	561.75	562.52	556.53	560.26	0.58	ppb
Barium	135-1	2860.08	2834.88	2812.57	2835.84	0.84	ppb
Barium	137-1	2869.70	2797.22	2808.25	2825.06	1.38	ppb
Beryllium	9-1	490.37	485.62	484.27	486.75	0.66	ppb
Bismuth	209-1				89		%
Bismuth	209-2				88		%
Boron	10-1	802.10	803.93	811.38	805.80	0.61	ppb
Boron	11-1	825.83	826.78	830.60	827.74	0.31	ppb
Cadmium	111-1	507.05	498.12	492.34	499.17	1.49	ppb
Cadmium	106-1	506.03	493.42	489.49	496.31	1.74	ppb
Cadmium	108-1	500.53	491.80	488.28	493.54	1.28	ppb
Calcium	43-1	126167.61	125339.37	124523.68	125343.55	0.66	ppb
Calcium	44-1	128272.12	126376.54	126268.61	126972.42	0.89	ppb
Chromium	52-2	535.69	543.12	548.81	542.54	1.21	ppb
Cobalt	59-2	537.62	544.11	547.81	543.18	0.95	ppb
Copper	63-2	1078.14	1091.46	1095.09	1088.23	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				94		%
Indium	115-1				90		%
Indium	115-2				90		%
Iron	56-2	26334.84	26232.85	26412.35	26326.68	0.34	ppb
Iron	57-2	27184.88	27572.62	27653.06	27470.19	0.91	ppb
Krypton	83-1						cps
Lead	206-1	551.47	540.48	543.58	545.18	1.04	ppb
Lead	207-1	560.72	544.70	555.72	553.71	1.48	ppb
Lead	208-1	551.22	542.82	549.91	547.98	0.83	ppb
Lithium	6-1				97		%
Magnesium	24-2	68440.29	67888.42	68503.84	68277.52	0.50	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3782-01MSD Instrumnet Name : P7
 Client Sample ID : KY0300F001-SW-19071 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 15:35:30 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1083.73	1096.53	1102.84	1094.36	0.89	ppb
Molybdenum	94-1	2276.76	2260.37	2230.69	2255.94	1.04	ppb
Molybdenum	95-1	2170.17	2154.79	2108.15	2144.37	1.51	ppb
Molybdenum	96-1	2171.64	2172.94	2139.32	2161.30	0.88	ppb
Molybdenum	97-1	2171.25	2162.26	2131.49	2155.00	0.97	ppb
Molybdenum	98-1	2157.73	2151.59	2116.15	2141.83	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	547.81	548.75	557.56	551.37	0.98	ppb
Phosphorus	31-2	-12.34	-29.13	-28.72	-23.40		ppb
Potassium	39-2	27943.86	27963.83	28374.89	28094.19	0.87	ppb
Rhodium	103-1				87		%
Rhodium	103-2				93		%
Scandium	45-1				90		%
Scandium	45-2				96		%
Selenium	77-2	541.57	505.47	510.67	519.23	3.76	ppb
Selenium	78-2	516.54	505.16	523.84	515.18	1.83	ppb
Selenium	82-1	531.63	517.03	518.50	522.38	1.54	ppb
Silicon	28-1	8685.80	8518.69	8721.46	8641.98	1.25	ppb
Silver	109-1	495.02	481.50	485.41	487.31	1.43	ppb
Silver	107-1	483.20	484.23	461.38	476.27	2.71	ppb
Sodium	23-2	102798.17	102172.72	102844.08	102604.99	0.37	ppb
Strontium	86-1	983.52	981.33	954.47	973.11	1.66	ppb
Strontium	88-1	987.12	987.16	965.92	980.07	1.25	ppb
Sulfur	34-1	12204.32	11532.21	11640.14	11792.22	3.06	ppb
Terbium	159-1				95		%
Terbium	159-2				95		%
Thallium	203-1	518.15	507.88	514.39	513.47	1.01	ppb
Thallium	205-1	522.85	516.28	518.67	519.27	0.64	ppb
Thorium	232-1	0.07	0.06	0.05	0.06	14.70	ppb
Tin	118-1	544.28	526.08	524.96	531.77	2.04	ppb
Titanium	47-1	2066.74	2047.27	2054.62	2056.21	0.48	ppb
Uranium	238-1	537.64	529.02	532.96	533.21	0.81	ppb
Vanadium	51-2	532.66	533.45	537.54	534.55	0.49	ppb
Yttrium	89-1				93		%
Yttrium	89-2				95		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3782-01MSD	Instrumnet Name :	P7
Client Sample ID :	KY030OF001-SW-19071	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 15:35:30	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	952.73	956.00	966.82	958.52	0.77	ppb
Zirconium	90-1	508.17	504.13	496.34	502.88	1.20	ppb
Zirconium	91-1	518.74	502.42	492.04	504.40	2.67	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3782-01A Instrumnet Name : P7
 Client Sample ID : KY0300F001-SW-19071 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 15:39:07 DataFile Name : 027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9827.64	9790.53	9940.78	9852.98	0.79	ppb
Antimony	121-1	531.18	528.57	523.76	527.84	0.71	ppb
Arsenic	75-2	562.60	559.29	563.87	561.92	0.42	ppb
Barium	135-1	2831.00	2826.73	2812.53	2823.42	0.34	ppb
Barium	137-1	2829.76	2809.55	2823.70	2821.00	0.37	ppb
Beryllium	9-1	494.97	493.68	491.83	493.49	0.32	ppb
Bismuth	209-1				90		%
Bismuth	209-2				88		%
Boron	10-1	808.01	829.98	850.71	829.57	2.57	ppb
Boron	11-1	836.17	848.04	866.73	850.31	1.81	ppb
Cadmium	111-1	500.10	497.02	497.05	498.06	0.36	ppb
Cadmium	106-1	476.06	492.92	486.18	485.05	1.75	ppb
Cadmium	108-1	482.72	477.69	485.31	481.91	0.80	ppb
Calcium	43-1	124540.78	124044.99	124227.26	124271.01	0.20	ppb
Calcium	44-1	125877.45	125100.82	125823.12	125600.46	0.35	ppb
Chromium	52-2	535.84	542.53	548.14	542.17	1.14	ppb
Cobalt	59-2	539.22	540.64	549.91	543.26	1.07	ppb
Copper	63-2	1084.12	1084.02	1095.97	1088.04	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				95		%
Holmium	165-2				93		%
Indium	115-1				90		%
Indium	115-2				89		%
Iron	56-2	26268.36	25939.86	26270.66	26159.63	0.73	ppb
Iron	57-2	27248.90	27026.31	27678.28	27317.83	1.21	ppb
Krypton	83-1						cps
Lead	206-1	551.05	533.99	540.65	541.89	1.59	ppb
Lead	207-1	548.31	545.21	550.86	548.13	0.52	ppb
Lead	208-1	549.59	542.56	543.38	545.18	0.70	ppb
Lithium	6-1				95		%
Magnesium	24-2	68505.99	67412.82	68306.15	68074.98	0.86	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3782-01A	Instrumnet Name :	P7
Client Sample ID :	KY0300F001-SW-19071	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 15:39:07	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1086.82	1084.86	1101.45	1091.04	0.83	ppb
Molybdenum	94-1	2236.39	2218.55	2218.03	2224.32	0.47	ppb
Molybdenum	95-1	2135.22	2089.80	2119.26	2114.76	1.09	ppb
Molybdenum	96-1	2174.14	2103.58	2146.11	2141.27	1.66	ppb
Molybdenum	97-1	2164.42	2103.27	2142.03	2136.58	1.45	ppb
Molybdenum	98-1	2149.51	2116.51	2154.87	2140.30	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	546.92	545.26	555.60	549.26	1.01	ppb
Phosphorus	31-2	-8.44	-20.46	-37.19	-22.03		ppb
Potassium	39-2	27801.25	27864.48	27993.74	27886.49	0.35	ppb
Rhodium	103-1				87		%
Rhodium	103-2				92		%
Scandium	45-1				89		%
Scandium	45-2				94		%
Selenium	77-2	540.93	478.23	464.44	494.53	8.24	ppb
Selenium	78-2	502.01	500.78	514.84	505.88	1.54	ppb
Selenium	82-1	520.88	516.86	517.31	518.35	0.42	ppb
Silicon	28-1	8532.52	8536.94	8524.99	8531.48	0.07	ppb
Silver	109-1	481.97	476.53	483.31	480.61	0.75	ppb
Silver	107-1	483.15	475.55	479.69	479.46	0.79	ppb
Sodium	23-2	102738.21	102091.00	102207.19	102345.47	0.34	ppb
Strontium	86-1	979.31	957.42	969.20	968.64	1.13	ppb
Strontium	88-1	978.71	962.78	977.44	972.97	0.91	ppb
Sulfur	34-1	11548.83	11372.87	11309.34	11410.35	1.09	ppb
Terbium	159-1				95		%
Terbium	159-2				93		%
Thallium	203-1	514.00	505.68	500.75	506.81	1.32	ppb
Thallium	205-1	516.05	516.29	515.41	515.91	0.09	ppb
Thorium	232-1	0.05	0.04	0.05	0.04	14.50	ppb
Tin	118-1	534.56	524.95	519.00	526.17	1.49	ppb
Titanium	47-1	2053.97	2034.03	2038.46	2042.15	0.51	ppb
Uranium	238-1	535.83	531.57	539.32	535.58	0.72	ppb
Vanadium	51-2	531.59	532.08	540.13	534.60	0.90	ppb
Yttrium	89-1				93		%
Yttrium	89-2				94		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3782-01A	Instrumnet Name :	P7
Client Sample ID :	KY030OF001-SW-19071	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 15:39:07	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	956.17	965.06	974.64	965.29	0.96	ppb
Zirconium	90-1	503.53	501.01	496.19	500.24	0.75	ppb
Zirconium	91-1	505.97	497.04	496.27	499.76	1.08	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3782-02	Instrumnet Name :	P7
Client Sample ID :	KY030LC011-SW-190711	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 15:42:42	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.79	2.39	1.75	1.98	18.15	ppb
Antimony	121-1	1.06	1.03	0.97	1.02	4.44	ppb
Arsenic	75-2	2.54	2.56	2.54	2.55	0.27	ppb
Barium	135-1	72.96	74.34	69.23	72.18	3.66	ppb
Barium	137-1	73.90	75.23	70.05	73.06	3.69	ppb
Beryllium	9-1	0.12	0.12	0.08	0.11	20.23	ppb
Bismuth	209-1				95		%
Bismuth	209-2				90		%
Boron	10-1	208.49	212.24	212.57	211.10	1.07	ppb
Boron	11-1	225.92	228.13	225.55	226.53	0.62	ppb
Cadmium	111-1	-0.02	0.13	0.15	0.09	107.98	ppb
Cadmium	106-1	-2.10	0.22	0.12	-0.59		ppb
Cadmium	108-1	0.37	0.06	0.13	0.18	87.80	ppb
Calcium	43-1	88396.68	86306.88	86286.14	86996.56	1.39	ppb
Calcium	44-1	88620.72	88569.12	88715.18	88635.01	0.08	ppb
Chromium	52-2	1.50	1.45	1.36	1.44	4.75	ppb
Cobalt	59-2	0.24	0.30	0.25	0.26	13.01	ppb
Copper	63-2	3.74	3.89	3.52	3.72	4.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				91		%
Indium	115-1				94		%
Indium	115-2				90		%
Iron	56-2	19.31	19.19	18.55	19.02	2.14	ppb
Iron	57-2	419.85	393.25	409.92	407.68	3.30	ppb
Krypton	83-1						cps
Lead	206-1	0.29	0.30	0.41	0.34	20.28	ppb
Lead	207-1	0.36	0.41	0.27	0.35	20.84	ppb
Lead	208-1	0.35	0.38	0.34	0.36	6.67	ppb
Lithium	6-1				93		%
Magnesium	24-2	8423.32	8309.67	8447.86	8393.62	0.88	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3782-02 Instrumnet Name : P7
 Client Sample ID : KY030LC011-SW-190711 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 15:42:42 DataFile Name : 028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	21.36	21.54	21.04	21.31	1.18	ppb
Molybdenum	94-1	1.12	1.15	1.01	1.09	6.86	ppb
Molybdenum	95-1	1.08	1.19	1.25	1.17	7.03	ppb
Molybdenum	96-1	1.21	1.16	1.24	1.20	3.12	ppb
Molybdenum	97-1	1.40	1.27	1.13	1.27	10.46	ppb
Molybdenum	98-1	1.38	1.13	1.16	1.23	10.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.69	1.53	1.83	1.68	9.17	ppb
Phosphorus	31-2	119.32	62.39	95.86	92.52	30.92	ppb
Potassium	39-2	4055.14	4068.39	4076.03	4066.52	0.26	ppb
Rhodium	103-1				90		%
Rhodium	103-2				93		%
Scandium	45-1				89		%
Scandium	45-2				91		%
Selenium	77-2	2.01	0.81	0.79	1.20	58.22	ppb
Selenium	78-2	0.35	-1.05	0.25	-0.15		ppb
Selenium	82-1	0.55	0.23	0.82	0.53	55.15	ppb
Silicon	28-1	6861.59	6819.15	6805.89	6828.88	0.43	ppb
Silver	109-1	0.22	0.25	0.22	0.23	7.59	ppb
Silver	107-1	0.28	0.36	0.24	0.29	21.25	ppb
Sodium	23-2	28487.58	28054.27	28572.02	28371.29	0.98	ppb
Strontium	86-1	387.17	388.95	380.07	385.39	1.22	ppb
Strontium	88-1	399.40	399.24	394.50	397.71	0.70	ppb
Sulfur	34-1	9890.25	9393.40	9230.49	9504.72	3.62	ppb
Terbium	159-1				96		%
Terbium	159-2				92		%
Thallium	203-1	0.11	0.12	0.10	0.11	7.39	ppb
Thallium	205-1	0.13	0.09	0.12	0.11	17.28	ppb
Thorium	232-1	0.00	0.01	0.01	0.01	46.13	ppb
Tin	118-1	2.75	2.69	2.60	2.68	2.74	ppb
Titanium	47-1	1.00	1.18	1.08	1.09	8.35	ppb
Uranium	238-1	0.90	0.88	0.81	0.86	5.22	ppb
Vanadium	51-2	2.95	2.79	2.77	2.84	3.61	ppb
Yttrium	89-1				93		%
Yttrium	89-2				91		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3782-02	Instrumnet Name :	P7
Client Sample ID :	KY030LC011-SW-190711	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 15:42:42	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	6.38	7.23	7.94	7.19	10.87	ppb
Zirconium	90-1	0.13	0.10	0.12	0.12	9.86	ppb
Zirconium	91-1	0.19	0.13	0.10	0.14	34.30	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 15:48:11	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51076.40	50229.96	49749.29	50351.88	1.33	ppb
Antimony	121-1	483.87	480.17	481.38	481.81	0.39	ppb
Arsenic	75-2	530.24	540.94	531.40	534.19	1.10	ppb
Barium	135-1	2421.65	2372.15	2418.41	2404.07	1.15	ppb
Barium	137-1	2433.30	2431.54	2445.71	2436.85	0.32	ppb
Beryllium	9-1	491.74	490.55	488.11	490.13	0.38	ppb
Bismuth	209-1				88		%
Bismuth	209-2				87		%
Boron	10-1	500.77	504.64	507.93	504.45	0.71	ppb
Boron	11-1	497.61	507.29	504.86	503.25	1.00	ppb
Cadmium	111-1	490.60	488.81	487.98	489.13	0.27	ppb
Cadmium	106-1	484.60	490.87	486.95	487.47	0.65	ppb
Cadmium	108-1	489.04	487.33	493.06	489.81	0.60	ppb
Calcium	43-1	241829.89	240937.62	237935.63	240234.38	0.85	ppb
Calcium	44-1	242596.33	241932.73	239764.58	241431.21	0.61	ppb
Chromium	52-2	522.58	516.93	513.65	517.72	0.87	ppb
Cobalt	59-2	507.50	506.09	506.09	506.56	0.16	ppb
Copper	63-2	1066.89	1063.06	1057.14	1062.36	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				93		%
Holmium	165-2				95		%
Indium	115-1				87		%
Indium	115-2				88		%
Iron	56-2	127985.59	126668.92	125913.01	126855.84	0.83	ppb
Iron	57-2	128644.81	126540.21	125486.24	126890.42	1.27	ppb
Krypton	83-1						cps
Lead	206-1	504.42	500.10	498.08	500.87	0.65	ppb
Lead	207-1	512.24	506.80	507.77	508.94	0.57	ppb
Lead	208-1	516.70	506.72	505.68	509.70	1.19	ppb
Lithium	6-1				86		%
Magnesium	24-2	247444.95	243370.21	240657.35	243824.17	1.40	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 15:48:11	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1017.58	1009.74	1002.71	1010.01	0.74	ppb
Molybdenum	94-1	2422.69	2409.42	2406.59	2412.90	0.36	ppb
Molybdenum	95-1	2350.89	2334.01	2337.95	2340.95	0.38	ppb
Molybdenum	96-1	2356.98	2333.91	2357.00	2349.30	0.57	ppb
Molybdenum	97-1	2355.33	2353.40	2344.33	2351.02	0.25	ppb
Molybdenum	98-1	2350.52	2355.79	2348.55	2351.62	0.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.43	510.40	504.65	507.16	0.58	ppb
Phosphorus	31-2	9537.61	9645.98	9533.34	9572.31	0.67	ppb
Potassium	39-2	121911.53	119645.02	119345.57	120300.71	1.17	ppb
Rhodium	103-1				82		%
Rhodium	103-2				86		%
Scandium	45-1				84		%
Scandium	45-2				85		%
Selenium	77-2	465.02	507.28	503.15	491.82	4.74	ppb
Selenium	78-2	469.41	485.43	495.88	483.57	2.76	ppb
Selenium	82-1	487.72	483.58	481.90	484.40	0.62	ppb
Silicon	28-1	545.98	562.89	566.12	558.33	1.94	ppb
Silver	109-1	486.25	478.25	484.29	482.93	0.86	ppb
Silver	107-1	505.15	475.86	491.28	490.76	2.99	ppb
Sodium	23-2	246816.36	245270.57	241588.10	244558.34	1.10	ppb
Strontium	86-1	501.41	497.25	493.01	497.22	0.84	ppb
Strontium	88-1	500.22	504.87	507.78	504.29	0.76	ppb
Sulfur	34-1	10763.34	10371.18	10248.44	10460.99	2.57	ppb
Terbium	159-1				95		%
Terbium	159-2				95		%
Thallium	203-1	497.00	499.03	497.34	497.79	0.22	ppb
Thallium	205-1	514.52	508.93	513.13	512.20	0.57	ppb
Thorium	232-1	533.17	529.48	532.30	531.65	0.36	ppb
Tin	118-1	478.15	470.61	476.92	475.23	0.85	ppb
Titanium	47-1	2251.40	2247.46	2255.10	2251.32	0.17	ppb
Uranium	238-1	540.33	535.10	536.88	537.43	0.49	ppb
Vanadium	51-2	513.67	512.53	511.65	512.62	0.20	ppb
Yttrium	89-1				89		%
Yttrium	89-2				90		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 15:48:11	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1013.83	1005.79	1002.53	1007.38	0.58	ppb
Zirconium	90-1	505.92	507.26	502.94	505.37	0.44	ppb
Zirconium	91-1	497.93	499.52	493.85	497.10	0.59	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 15:57:09	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.75	0.83	1.01	1.19	40.71	ppb
Antimony	121-1	0.08	0.10	0.12	0.10	18.97	ppb
Arsenic	75-2	-0.02	0.00	0.02	0.00		ppb
Barium	135-1	0.10	0.06	0.06	0.07	31.62	ppb
Barium	137-1	0.06	0.07	0.05	0.06	11.92	ppb
Beryllium	9-1	0.05	0.05	0.06	0.05	14.26	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	10-1	12.36	13.98	13.90	13.41	6.80	ppb
Boron	11-1	13.16	13.15	12.23	12.85	4.14	ppb
Cadmium	111-1	-0.05	-0.12	0.02	-0.05		ppb
Cadmium	106-1	-1.27	-1.74	-0.54	-1.18		ppb
Cadmium	108-1	-0.10	-0.02	-0.10	-0.07		ppb
Calcium	43-1	5.58	10.01	4.58	6.73	42.97	ppb
Calcium	44-1	3.61	5.37	4.63	4.54	19.51	ppb
Chromium	52-2	0.02	0.00	-0.01	0.00	1092.33	ppb
Cobalt	59-2	0.02	0.01	0.00	0.01	72.82	ppb
Copper	63-2	0.28	0.24	0.23	0.25	9.84	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				96		%
Holmium	165-2				95		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	3.25	2.78	3.13	3.05	8.04	ppb
Iron	57-2	3.15	1.57	0.48	1.73	77.46	ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.13	0.13	0.14	13.64	ppb
Lead	207-1	0.11	0.13	0.18	0.14	25.88	ppb
Lead	208-1	0.14	0.13	0.14	0.13	5.49	ppb
Lithium	6-1				91		%
Magnesium	24-2	4.88	5.86	4.97	5.23	10.40	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : CCB06 Instrumnet Name : P7
 Client Sample ID : CCB06 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 15:57:09 DataFile Name : 030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.00	0.04	0.02	119.14	ppb
Molybdenum	94-1	0.16	0.15	0.14	0.15	9.88	ppb
Molybdenum	95-1	0.14	0.08	0.13	0.12	27.91	ppb
Molybdenum	96-1	0.16	0.15	0.09	0.13	27.91	ppb
Molybdenum	97-1	0.13	0.09	0.08	0.10	26.80	ppb
Molybdenum	98-1	0.13	0.14	0.12	0.13	8.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.00	0.02	0.01	111.43	ppb
Phosphorus	31-2	-32.52	-23.48	-26.46	-27.48		ppb
Potassium	39-2	0.73	3.40	8.71	4.28	94.93	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				88		%
Scandium	45-2				86		%
Selenium	77-2	0.82	-0.36	-0.36	0.04	1860.90	ppb
Selenium	78-2	-0.44	-1.25	-0.11	-0.60		ppb
Selenium	82-1	0.14	0.05	0.04	0.07	74.26	ppb
Silicon	28-1	-1.51	-2.11	-2.11	-1.91		ppb
Silver	109-1	0.07	0.06	0.04	0.06	22.85	ppb
Silver	107-1	0.04	0.00	0.05	0.03	80.23	ppb
Sodium	23-2	51.68	46.78	48.80	49.08	5.02	ppb
Strontium	86-1	-0.05	-0.08	-0.08	-0.07		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	24.30	ppb
Sulfur	34-1	-518.88	-477.20	-512.63	-502.90		ppb
Terbium	159-1				97		%
Terbium	159-2				94		%
Thallium	203-1	-0.01	0.00	-0.02	-0.01		ppb
Thallium	205-1	0.00	-0.01	0.01	0.00		ppb
Thorium	232-1	0.02	0.02	0.03	0.03	21.54	ppb
Tin	118-1	0.01	0.04	0.09	0.05	82.13	ppb
Titanium	47-1	0.05	0.05	0.13	0.08	56.47	ppb
Uranium	238-1	0.01	0.02	0.01	0.01	54.41	ppb
Vanadium	51-2	0.00	0.03	0.02	0.02	66.28	ppb
Yttrium	89-1				94		%
Yttrium	89-2				92		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 15:57:09	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.16	0.10	0.18	0.15	26.40	ppb
Zirconium	90-1	0.04	0.03	0.03	0.03	18.30	ppb
Zirconium	91-1	0.02	0.01	0.02	0.02	23.48	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3782-03 Instrumnet Name : P7
 Client Sample ID : KY0300F003-SW-19071 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 16:04:28 DataFile Name : 031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.75	2.52	2.31	3.19	42.36	ppb
Antimony	121-1	0.91	0.84	0.84	0.87	4.88	ppb
Arsenic	75-2	0.92	0.64	0.76	0.78	18.36	ppb
Barium	135-1	63.67	62.48	61.72	62.62	1.57	ppb
Barium	137-1	63.47	63.22	62.12	62.94	1.14	ppb
Beryllium	9-1	0.03	0.03	0.02	0.03	22.23	ppb
Bismuth	209-1				94		%
Bismuth	209-2				88		%
Boron	10-1	198.87	200.44	204.07	201.12	1.32	ppb
Boron	11-1	208.29	208.20	215.02	210.50	1.86	ppb
Cadmium	111-1	0.24	0.07	-0.23	0.03	935.27	ppb
Cadmium	106-1	0.49	-1.14	-4.23	-1.63		ppb
Cadmium	108-1	0.14	0.45	0.14	0.24	74.53	ppb
Calcium	43-1	94950.61	92814.21	92845.46	93536.76	1.31	ppb
Calcium	44-1	97899.83	96958.62	95898.07	96918.84	1.03	ppb
Chromium	52-2	2.36	2.34	2.30	2.33	1.29	ppb
Cobalt	59-2	0.10	0.11	0.13	0.11	13.48	ppb
Copper	63-2	3.11	2.99	2.96	3.02	2.65	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				92		%
Holmium	165-2				90		%
Indium	115-1				92		%
Indium	115-2				88		%
Iron	56-2	5.41	5.67	5.00	5.36	6.29	ppb
Iron	57-2	400.48	437.39	418.65	418.84	4.41	ppb
Krypton	83-1						cps
Lead	206-1	0.60	0.50	0.42	0.51	17.40	ppb
Lead	207-1	0.57	0.36	0.58	0.50	24.13	ppb
Lead	208-1	0.54	0.46	0.47	0.49	9.82	ppb
Lithium	6-1				95		%
Magnesium	24-2	8602.94	8547.82	8569.06	8573.27	0.32	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3782-03 Instrumnet Name : P7
 Client Sample ID : KY0300F003-SW-19071 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 16:04:28 DataFile Name : 031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4.58	4.34	4.67	4.53	3.84	ppb
Molybdenum	94-1	0.51	0.54	0.59	0.55	8.00	ppb
Molybdenum	95-1	0.54	0.45	0.54	0.51	9.89	ppb
Molybdenum	96-1	0.55	0.60	0.56	0.57	4.21	ppb
Molybdenum	97-1	0.66	0.53	0.53	0.57	12.49	ppb
Molybdenum	98-1	0.58	0.63	0.59	0.60	4.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.60	0.67	0.64	0.64	5.92	ppb
Phosphorus	31-2	-5.85	6.41	-12.45	-3.96		ppb
Potassium	39-2	2013.38	2030.08	2012.98	2018.81	0.48	ppb
Rhodium	103-1				87		%
Rhodium	103-2				91		%
Scandium	45-1				87		%
Scandium	45-2				89		%
Selenium	77-2	4.45	2.02	4.43	3.63	38.45	ppb
Selenium	78-2	1.98	0.94	2.15	1.69	38.64	ppb
Selenium	82-1	1.20	2.16	1.68	1.68	28.57	ppb
Silicon	28-1	9952.92	9842.03	9586.61	9793.85	1.92	ppb
Silver	109-1	0.55	0.44	0.38	0.46	18.47	ppb
Silver	107-1	0.45	0.50	0.36	0.44	16.30	ppb
Sodium	23-2	40446.33	40446.52	39637.81	40176.89	1.16	ppb
Strontium	86-1	383.17	375.69	365.08	374.64	2.43	ppb
Strontium	88-1	391.64	386.04	384.16	387.28	1.00	ppb
Sulfur	34-1	8573.07	8095.93	7791.06	8153.35	4.83	ppb
Terbium	159-1				94		%
Terbium	159-2				90		%
Thallium	203-1	0.07	0.03	0.05	0.05	43.21	ppb
Thallium	205-1	0.09	0.08	0.05	0.07	31.45	ppb
Thorium	232-1	0.01	0.02	0.02	0.02	15.16	ppb
Tin	118-1	1.87	2.07	1.74	1.89	8.84	ppb
Titanium	47-1	1.07	0.89	1.00	0.99	9.46	ppb
Uranium	238-1	1.32	1.36	1.31	1.33	2.14	ppb
Vanadium	51-2	3.98	4.19	3.84	4.00	4.39	ppb
Yttrium	89-1				91		%
Yttrium	89-2				89		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3782-03	Instrumnet Name :	P7
Client Sample ID :	KY030OF003-SW-19071	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:04:28	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	7.08	6.76	7.21	7.02	3.29	ppb
Zirconium	90-1	0.05	0.06	0.05	0.05	7.40	ppb
Zirconium	91-1	0.08	0.01	0.00	0.03	140.19	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3782-04	Instrumnet Name :	P7
Client Sample ID :	KY030LC015-SW-19071	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:08:04	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.64	2.40	2.41	1.82	55.91	ppb
Antimony	121-1	0.90	0.92	0.93	0.92	1.94	ppb
Arsenic	75-2	2.25	2.95	2.99	2.73	15.27	ppb
Barium	135-1	75.46	74.64	72.59	74.23	2.00	ppb
Barium	137-1	75.96	74.33	73.81	74.70	1.50	ppb
Beryllium	9-1	0.06	0.06	0.02	0.04	54.46	ppb
Bismuth	209-1				95		%
Bismuth	209-2				89		%
Boron	10-1	178.61	173.10	176.44	176.05	1.58	ppb
Boron	11-1	186.42	182.45	189.23	186.03	1.83	ppb
Cadmium	111-1	0.05	0.00	0.03	0.03	85.12	ppb
Cadmium	106-1	-0.39	-1.04	-0.33	-0.59		ppb
Cadmium	108-1	0.22	-0.10	-0.02	0.03	522.56	ppb
Calcium	43-1	86934.63	86596.19	84269.11	85933.31	1.69	ppb
Calcium	44-1	89673.34	88928.43	87014.12	88538.63	1.55	ppb
Chromium	52-2	1.61	1.51	1.57	1.56	3.34	ppb
Cobalt	59-2	0.25	0.21	0.27	0.24	10.98	ppb
Copper	63-2	2.91	2.79	3.01	2.90	3.81	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				89		%
Indium	115-1				92		%
Indium	115-2				87		%
Iron	56-2	18.58	19.16	18.55	18.76	1.85	ppb
Iron	57-2	395.64	418.34	423.49	412.49	3.59	ppb
Krypton	83-1						cps
Lead	206-1	0.32	0.32	0.26	0.30	12.18	ppb
Lead	207-1	0.33	0.30	0.16	0.26	34.59	ppb
Lead	208-1	0.33	0.31	0.27	0.30	8.89	ppb
Lithium	6-1				92		%
Magnesium	24-2	8486.83	8489.39	8576.50	8517.57	0.60	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3782-04 Instrumnet Name : P7
 Client Sample ID : KY030LC015-SW-19071 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 16:08:04 DataFile Name : 032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	22.29	23.41	23.61	23.10	3.08	ppb
Molybdenum	94-1	0.72	0.74	0.71	0.72	2.46	ppb
Molybdenum	95-1	0.79	0.90	0.79	0.83	7.35	ppb
Molybdenum	96-1	0.96	0.80	0.91	0.89	9.63	ppb
Molybdenum	97-1	0.89	0.79	0.80	0.83	6.95	ppb
Molybdenum	98-1	0.77	0.88	0.76	0.80	8.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.47	1.29	1.61	1.46	11.18	ppb
Phosphorus	31-2	97.65	76.20	132.82	102.22	27.97	ppb
Potassium	39-2	4089.15	4120.16	4173.67	4127.66	1.04	ppb
Rhodium	103-1				89		%
Rhodium	103-2				90		%
Scandium	45-1				88		%
Scandium	45-2				87		%
Selenium	77-2	5.71	3.29	0.84	3.28	74.21	ppb
Selenium	78-2	0.04	0.44	-0.19	0.10	329.59	ppb
Selenium	82-1	0.16	0.45	0.45	0.35	47.49	ppb
Silicon	28-1	6613.19	6542.18	6405.13	6520.16	1.62	ppb
Silver	109-1	0.23	0.22	0.24	0.23	4.83	ppb
Silver	107-1	0.35	0.26	0.18	0.26	34.04	ppb
Sodium	23-2	28696.34	28539.31	28485.64	28573.76	0.38	ppb
Strontium	86-1	402.35	392.43	391.86	395.55	1.49	ppb
Strontium	88-1	407.18	404.07	396.86	402.70	1.31	ppb
Sulfur	34-1	10786.45	10567.39	10160.49	10504.77	3.02	ppb
Terbium	159-1				96		%
Terbium	159-2				90		%
Thallium	203-1	-0.03	-0.02	-0.02	-0.03		ppb
Thallium	205-1	-0.01	-0.02	-0.02	-0.01		ppb
Thorium	232-1	0.01	0.01	0.01	0.01	32.84	ppb
Tin	118-1	1.79	1.82	2.21	1.94	12.17	ppb
Titanium	47-1	0.97	0.94	0.89	0.93	4.32	ppb
Uranium	238-1	0.82	0.79	0.76	0.79	3.80	ppb
Vanadium	51-2	2.67	2.81	2.98	2.82	5.60	ppb
Yttrium	89-1				91		%
Yttrium	89-2				88		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3782-04	Instrumnet Name :	P7
Client Sample ID :	KY030LC015-SW-19071	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:08:04	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	5.44	4.91	5.63	5.33	7.03	ppb
Zirconium	90-1	0.09	0.04	0.09	0.07	33.84	ppb
Zirconium	91-1	0.09	0.05	0.08	0.07	30.94	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3782-05	Instrumnet Name :	P7
Client Sample ID :	KY030SP005-SW-19071	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:11:40	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.66	1.56	1.44	1.55	7.03	ppb
Antimony	121-1	0.78	0.80	0.80	0.79	1.53	ppb
Arsenic	75-2	1.43	1.10	1.31	1.28	12.85	ppb
Barium	135-1	81.58	77.83	77.26	78.89	2.97	ppb
Barium	137-1	81.73	79.63	77.42	79.59	2.71	ppb
Beryllium	9-1	0.03	0.06	0.01	0.03	72.61	ppb
Bismuth	209-1				88		%
Bismuth	209-2				88		%
Boron	10-1	188.37	193.11	198.43	193.30	2.60	ppb
Boron	11-1	197.95	198.06	203.24	199.75	1.51	ppb
Cadmium	111-1	-0.04	-0.14	-0.15	-0.11		ppb
Cadmium	106-1	-1.29	-2.11	-2.35	-1.92		ppb
Cadmium	108-1	0.07	-0.02	-0.02	0.01	408.23	ppb
Calcium	43-1	113995.59	112307.94	112088.17	112797.23	0.93	ppb
Calcium	44-1	115663.36	115173.25	114302.37	115046.33	0.60	ppb
Chromium	52-2	1.56	1.55	1.59	1.56	1.39	ppb
Cobalt	59-2	0.14	0.15	0.14	0.14	5.23	ppb
Copper	63-2	2.83	2.45	2.64	2.64	7.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				87		%
Holmium	165-2				89		%
Indium	115-1				85		%
Indium	115-2				86		%
Iron	56-2	9.98	9.88	10.03	9.96	0.75	ppb
Iron	57-2	531.02	492.98	516.43	513.47	3.74	ppb
Krypton	83-1						cps
Lead	206-1	0.21	0.24	0.19	0.21	11.88	ppb
Lead	207-1	0.23	0.24	0.17	0.22	17.41	ppb
Lead	208-1	0.26	0.24	0.21	0.23	11.45	ppb
Lithium	6-1				85		%
Magnesium	24-2	10705.38	10360.17	10619.11	10561.56	1.70	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3782-05 Instrumnet Name : P7
 Client Sample ID : KY030SP005-SW-19071 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 16:11:40 DataFile Name : 033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4.04	4.15	4.19	4.12	1.91	ppb
Molybdenum	94-1	0.33	0.37	0.28	0.33	13.05	ppb
Molybdenum	95-1	0.46	0.39	0.41	0.42	8.36	ppb
Molybdenum	96-1	0.44	0.57	0.46	0.49	13.62	ppb
Molybdenum	97-1	0.48	0.45	0.54	0.49	9.08	ppb
Molybdenum	98-1	0.48	0.45	0.51	0.48	7.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.41	0.54	0.52	0.49	13.96	ppb
Phosphorus	31-2	-18.32	-19.86	-28.69	-22.29		ppb
Potassium	39-2	2154.05	2089.78	2142.47	2128.77	1.61	ppb
Rhodium	103-1				81		%
Rhodium	103-2				89		%
Scandium	45-1				79		%
Scandium	45-2				83		%
Selenium	77-2	3.38	0.87	2.13	2.13	59.09	ppb
Selenium	78-2	-0.08	0.47	-0.90	-0.17		ppb
Selenium	82-1	0.83	0.79	1.46	1.03	36.86	ppb
Silicon	28-1	9923.68	9852.31	9818.22	9864.74	0.55	ppb
Silver	109-1	0.17	0.17	0.14	0.16	11.86	ppb
Silver	107-1	0.22	0.20	0.24	0.22	8.15	ppb
Sodium	23-2	24908.99	24180.22	24569.76	24552.99	1.49	ppb
Strontium	86-1	617.38	609.87	604.55	610.60	1.06	ppb
Strontium	88-1	626.41	617.88	621.30	621.86	0.69	ppb
Sulfur	34-1	11439.49	11266.75	11085.05	11263.76	1.57	ppb
Terbium	159-1				89		%
Terbium	159-2				89		%
Thallium	203-1	-0.03	-0.03	-0.03	-0.03		ppb
Thallium	205-1	-0.01	-0.02	-0.02	-0.02		ppb
Thorium	232-1	0.01	0.01	0.01	0.01	21.59	ppb
Tin	118-1	1.95	1.83	1.98	1.92	4.15	ppb
Titanium	47-1	1.03	1.13	1.14	1.10	5.51	ppb
Uranium	238-1	1.36	1.39	1.32	1.36	2.88	ppb
Vanadium	51-2	2.47	2.52	2.73	2.57	5.51	ppb
Yttrium	89-1				84		%
Yttrium	89-2				86		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3782-05	Instrumnet Name :	P7
Client Sample ID :	KY030SP005-SW-19071	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:11:40	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	6.13	6.67	6.10	6.30	5.06	ppb
Zirconium	90-1	0.03	0.01	0.04	0.03	56.23	ppb
Zirconium	91-1	0.02	0.01	-0.01	0.01	278.66	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3782-06 Instrumnet Name : P7
 Client Sample ID : KY030LC018-SW-19071 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 16:15:17 DataFile Name : 034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.24	3.16	2.46	2.95	14.60	ppb
Antimony	121-1	0.97	0.85	0.91	0.91	6.36	ppb
Arsenic	75-2	2.57	2.73	2.68	2.66	3.15	ppb
Barium	135-1	73.79	73.61	72.33	73.24	1.09	ppb
Barium	137-1	74.51	73.32	72.94	73.59	1.12	ppb
Beryllium	9-1	0.03	0.02	0.04	0.03	36.25	ppb
Bismuth	209-1				96		%
Bismuth	209-2				88		%
Boron	10-1	177.53	178.88	185.20	180.54	2.27	ppb
Boron	11-1	185.23	194.12	192.78	190.71	2.51	ppb
Cadmium	111-1	0.05	-0.07	-0.09	-0.03		ppb
Cadmium	106-1	-0.68	-1.14	-1.52	-1.12		ppb
Cadmium	108-1	0.14	-0.02	-0.02	0.03	300.58	ppb
Calcium	43-1	85345.29	85069.22	84286.10	84900.21	0.65	ppb
Calcium	44-1	87565.55	87173.78	87274.57	87337.97	0.23	ppb
Chromium	52-2	1.45	1.60	1.34	1.46	9.06	ppb
Cobalt	59-2	0.28	0.32	0.23	0.28	15.61	ppb
Copper	63-2	2.39	2.38	2.48	2.42	2.30	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				89		%
Indium	115-1				92		%
Indium	115-2				84		%
Iron	56-2	28.29	29.19	28.25	28.58	1.87	ppb
Iron	57-2	387.90	394.45	401.81	394.72	1.76	ppb
Krypton	83-1						cps
Lead	206-1	0.28	0.26	0.28	0.27	4.57	ppb
Lead	207-1	0.25	0.20	0.29	0.25	18.09	ppb
Lead	208-1	0.26	0.23	0.26	0.25	5.93	ppb
Lithium	6-1				88		%
Magnesium	24-2	8438.64	8367.28	8396.76	8400.89	0.43	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3782-06 Instrumnet Name : P7
 Client Sample ID : KY030LC018-SW-19071 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 16:15:17 DataFile Name : 034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26.31	26.18	26.74	26.41	1.10	ppb
Molybdenum	94-1	0.85	0.77	0.72	0.78	8.31	ppb
Molybdenum	95-1	0.88	0.89	0.78	0.85	6.92	ppb
Molybdenum	96-1	0.90	0.96	0.85	0.90	5.81	ppb
Molybdenum	97-1	0.96	0.91	0.89	0.92	3.89	ppb
Molybdenum	98-1	0.86	0.85	0.89	0.87	2.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.63	1.35	1.70	1.56	11.93	ppb
Phosphorus	31-2	98.45	134.96	121.30	118.24	15.60	ppb
Potassium	39-2	4184.27	4170.79	4192.32	4182.46	0.26	ppb
Rhodium	103-1				87		%
Rhodium	103-2				88		%
Scandium	45-1				84		%
Scandium	45-2				80		%
Selenium	77-2	-0.36	4.65	0.92	1.74	149.78	ppb
Selenium	78-2	-1.48	-1.30	-0.43	-1.07		ppb
Selenium	82-1	1.12	0.35	0.28	0.58	79.19	ppb
Silicon	28-1	6280.75	6315.29	6260.41	6285.48	0.44	ppb
Silver	109-1	0.15	0.14	0.15	0.15	3.34	ppb
Silver	107-1	0.19	0.15	0.16	0.17	13.09	ppb
Sodium	23-2	29060.10	28754.29	28496.01	28770.13	0.98	ppb
Strontium	86-1	386.01	376.71	371.44	378.05	1.95	ppb
Strontium	88-1	389.13	390.81	388.36	389.43	0.32	ppb
Sulfur	34-1	11384.57	11226.61	10780.50	11130.56	2.81	ppb
Terbium	159-1				96		%
Terbium	159-2				89		%
Thallium	203-1	-0.04	-0.03	-0.03	-0.03		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Thorium	232-1	0.01	0.01	0.01	0.01	30.17	ppb
Tin	118-1	1.36	1.60	1.61	1.52	9.18	ppb
Titanium	47-1	0.91	0.75	0.78	0.82	10.59	ppb
Uranium	238-1	0.74	0.76	0.73	0.74	1.77	ppb
Vanadium	51-2	2.96	3.19	3.03	3.06	3.89	ppb
Yttrium	89-1				90		%
Yttrium	89-2				84		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3782-06	Instrumnet Name :	P7
Client Sample ID :	KY030LC018-SW-19071	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:15:17	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	7.56	7.87	7.79	7.74	2.13	ppb
Zirconium	90-1	0.05	0.05	0.06	0.05	12.13	ppb
Zirconium	91-1	0.06	0.04	0.09	0.06	44.61	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3782-07	Instrumnet Name :	P7
Client Sample ID :	DUP-0539-190711	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:18:53	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45.79	50.19	50.46	48.81	5.37	ppb
Antimony	121-1	0.79	0.88	0.88	0.85	5.91	ppb
Arsenic	75-2	2.59	2.79	2.73	2.70	3.67	ppb
Barium	135-1	69.09	70.32	68.47	69.30	1.36	ppb
Barium	137-1	68.45	70.54	69.76	69.59	1.51	ppb
Beryllium	9-1	0.04	0.04	0.03	0.04	18.21	ppb
Bismuth	209-1				97		%
Bismuth	209-2				88		%
Boron	10-1	175.02	176.22	178.31	176.52	0.94	ppb
Boron	11-1	180.37	187.87	190.42	186.22	2.80	ppb
Cadmium	111-1	-0.09	-0.23	0.07	-0.09		ppb
Cadmium	106-1	-1.33	-3.30	0.45	-1.39		ppb
Cadmium	108-1	0.13	-0.02	0.06	0.06	137.64	ppb
Calcium	43-1	86693.62	88054.66	86255.90	87001.39	1.08	ppb
Calcium	44-1	88751.50	90857.02	89322.86	89643.79	1.21	ppb
Chromium	52-2	1.31	1.15	1.26	1.24	6.53	ppb
Cobalt	59-2	0.16	0.23	0.23	0.21	19.30	ppb
Copper	63-2	2.87	2.89	2.74	2.83	3.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				88		%
Indium	115-1				91		%
Indium	115-2				83		%
Iron	56-2	15.34	15.98	16.35	15.89	3.23	ppb
Iron	57-2	382.42	404.66	400.42	395.83	2.98	ppb
Krypton	83-1						cps
Lead	206-1	0.24	0.21	0.21	0.22	8.12	ppb
Lead	207-1	0.19	0.19	0.20	0.19	4.41	ppb
Lead	208-1	0.21	0.20	0.22	0.21	5.88	ppb
Lithium	6-1				85		%
Magnesium	24-2	8334.27	8192.77	8293.83	8273.62	0.88	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3782-07	Instrumnet Name :	P7
Client Sample ID :	DUP-0539-190711	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:18:53	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	20.57	19.93	20.55	20.35	1.80	ppb
Molybdenum	94-1	0.68	0.65	0.56	0.63	9.79	ppb
Molybdenum	95-1	0.76	0.77	0.78	0.77	0.84	ppb
Molybdenum	96-1	0.86	0.78	0.88	0.84	6.45	ppb
Molybdenum	97-1	0.63	0.71	0.84	0.73	14.94	ppb
Molybdenum	98-1	0.88	0.81	0.82	0.84	4.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.40	1.49	1.38	1.42	3.94	ppb
Phosphorus	31-2	86.37	61.64	57.39	68.47	22.85	ppb
Potassium	39-2	3889.69	3888.42	3875.97	3884.69	0.20	ppb
Rhodium	103-1				86		%
Rhodium	103-2				86		%
Scandium	45-1				81		%
Scandium	45-2				76		%
Selenium	77-2	0.93	3.59	-0.36	1.39	145.07	ppb
Selenium	78-2	-0.62	-0.56	0.24	-0.31		ppb
Selenium	82-1	0.94	-0.05	0.53	0.47	104.17	ppb
Silicon	28-1	6670.50	6790.75	6735.19	6732.15	0.89	ppb
Silver	109-1	0.12	0.12	0.13	0.12	6.27	ppb
Silver	107-1	0.18	0.16	0.12	0.15	20.00	ppb
Sodium	23-2	27953.69	27455.86	27229.51	27546.35	1.34	ppb
Strontium	86-1	385.07	394.14	386.36	388.53	1.26	ppb
Strontium	88-1	395.62	402.62	402.07	400.10	0.97	ppb
Sulfur	34-1	10542.67	10626.98	10552.31	10573.99	0.44	ppb
Terbium	159-1				96		%
Terbium	159-2				89		%
Thallium	203-1	-0.04	-0.03	-0.03	-0.03		ppb
Thallium	205-1	-0.03	-0.02	-0.03	-0.03		ppb
Thorium	232-1	0.00	0.01	0.01	0.01	40.60	ppb
Tin	118-1	1.20	1.41	1.28	1.29	8.28	ppb
Titanium	47-1	0.66	0.80	0.56	0.68	17.88	ppb
Uranium	238-1	0.77	0.82	0.81	0.80	2.81	ppb
Vanadium	51-2	2.92	3.16	3.31	3.13	6.28	ppb
Yttrium	89-1				88		%
Yttrium	89-2				82		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3782-07	Instrumnet Name :	P7
Client Sample ID :	DUP-0539-190711	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:18:53	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	9.11	8.23	8.71	8.69	5.07	ppb
Zirconium	90-1	0.05	0.07	0.04	0.05	30.65	ppb
Zirconium	91-1	0.10	0.05	0.09	0.08	28.97	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3783-04	Instrumnet Name :	P7
Client Sample ID :	EB-03-190711	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:22:30	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.63	3.58	4.42	4.21	13.22	ppb
Antimony	121-1	0.02	0.04	0.02	0.03	38.02	ppb
Arsenic	75-2	0.04	-0.02	0.02	0.01	255.64	ppb
Barium	135-1	0.00	0.02	0.02	0.01	61.27	ppb
Barium	137-1	0.02	0.01	0.01	0.01	70.46	ppb
Beryllium	9-1	0.00	0.01	0.02	0.01	98.06	ppb
Bismuth	209-1				112		%
Bismuth	209-2				100		%
Boron	10-1	12.03	11.85	10.41	11.43	7.77	ppb
Boron	11-1	12.45	11.45	10.75	11.55	7.40	ppb
Cadmium	111-1	-0.05	0.00	-0.12	-0.06		ppb
Cadmium	106-1	-0.85	-0.36	-1.46	-0.89		ppb
Cadmium	108-1	-0.03	-0.03	-0.03	-0.03		ppb
Calcium	43-1	24.60	26.38	24.12	25.03	4.77	ppb
Calcium	44-1	25.67	22.22	20.08	22.66	12.45	ppb
Chromium	52-2	0.00	0.03	0.11	0.05	123.01	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.55	0.57	0.41	0.51	17.69	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				105		%
Holmium	165-2				95		%
Indium	115-1				102		%
Indium	115-2				92		%
Iron	56-2	0.19	0.10	0.02	0.10	81.81	ppb
Iron	57-2	-1.28	-1.21	-3.92	-2.14		ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.06	0.04	0.06	49.66	ppb
Lead	207-1	0.06	0.06	0.04	0.06	17.24	ppb
Lead	208-1	0.07	0.06	0.05	0.06	22.58	ppb
Lithium	6-1				92		%
Magnesium	24-2	1.49	1.44	0.46	1.13	51.36	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3783-04	Instrumnet Name :	P7
Client Sample ID :	EB-03-190711	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:22:30	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.03	0.02	0.03	13.65	ppb
Molybdenum	94-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	95-1	-0.02	0.00	-0.02	-0.01		ppb
Molybdenum	96-1	0.00	0.00	-0.02	-0.01		ppb
Molybdenum	97-1	-0.02	0.00	0.00	-0.01		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.03	0.02	0.02	54.95	ppb
Phosphorus	31-2	-35.05	-31.39	-37.90	-34.78		ppb
Potassium	39-2	-13.11	-5.60	-8.61	-9.11		ppb
Rhodium	103-1				99		%
Rhodium	103-2				94		%
Scandium	45-1				88		%
Scandium	45-2				80		%
Selenium	77-2	-0.36	-0.36	-0.36	-0.36		ppb
Selenium	78-2	-1.57	0.21	-0.96	-0.78		ppb
Selenium	82-1	0.19	0.34	0.27	0.27	27.89	ppb
Silicon	28-1	0.91	0.69	0.97	0.86	17.64	ppb
Silver	109-1	0.07	0.04	0.06	0.06	22.65	ppb
Silver	107-1	0.07	0.07	0.06	0.06	12.22	ppb
Sodium	23-2	64.04	58.36	56.13	59.51	6.85	ppb
Strontium	86-1	-0.01	-0.04	-0.01	-0.02		ppb
Strontium	88-1	0.04	0.04	0.04	0.04	1.47	ppb
Sulfur	34-1	-713.19	-643.71	-509.96	-622.29		ppb
Terbium	159-1				106		%
Terbium	159-2				95		%
Thallium	203-1	-0.04	-0.04	-0.03	-0.04		ppb
Thallium	205-1	-0.05	-0.04	-0.04	-0.04		ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.01	0.00	0.00	0.00		ppb
Titanium	47-1	0.06	0.04	0.02	0.04	49.53	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.10	0.09	0.09	0.09	5.94	ppb
Yttrium	89-1				98		%
Yttrium	89-2				89		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3783-04	Instrumnet Name :	P7
Client Sample ID :	EB-03-190711	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:22:30	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.39	0.48	0.60	0.49	21.63	ppb
Zirconium	90-1	0.00	0.00	0.02	0.01	133.04	ppb
Zirconium	91-1	-0.01	-0.01	0.00	-0.01		ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3813-05	Instrumnet Name :	P7
Client Sample ID :	EB-04-190712	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:26:07	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.36	1.33	0.18	0.95	70.48	ppb
Antimony	121-1	0.00	0.01	0.00	0.01	35.31	ppb
Arsenic	75-2	-0.04	0.00	0.00	-0.01		ppb
Barium	135-1	0.02	0.03	-0.01	0.01	154.68	ppb
Barium	137-1	0.03	0.01	0.01	0.02	43.16	ppb
Beryllium	9-1	0.02	0.02	0.00	0.02	70.48	ppb
Bismuth	209-1				108		%
Bismuth	209-2				99		%
Boron	10-1	8.31	7.56	7.14	7.67	7.74	ppb
Boron	11-1	7.45	7.61	7.32	7.46	1.95	ppb
Cadmium	111-1	-0.02	-0.08	-0.04	-0.05		ppb
Cadmium	106-1	-0.21	-1.32	-0.39	-0.64		ppb
Cadmium	108-1	0.12	-0.10	0.12	0.05	268.69	ppb
Calcium	43-1	41.10	23.83	36.97	33.96	26.55	ppb
Calcium	44-1	32.50	32.73	32.17	32.47	0.86	ppb
Chromium	52-2	0.07	0.09	0.06	0.07	18.27	ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	0.31	0.33	0.30	0.32	3.83	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				100		%
Holmium	165-2				94		%
Indium	115-1				97		%
Indium	115-2				91		%
Iron	56-2	0.18	0.24	0.38	0.27	39.69	ppb
Iron	57-2	-1.06	-2.69	-2.03	-1.92		ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.09	0.08	0.09	8.41	ppb
Lead	207-1	0.07	0.06	0.03	0.05	35.73	ppb
Lead	208-1	0.07	0.06	0.05	0.06	19.98	ppb
Lithium	6-1				88		%
Magnesium	24-2	0.82	0.80	0.64	0.75	13.08	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3813-05 Instrumnet Name : P7
 Client Sample ID : EB-04-190712 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 16:26:07 DataFile Name : 037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	0.05	0.04	0.04	12.72	ppb
Molybdenum	94-1	-0.02	-0.02	0.01	-0.01		ppb
Molybdenum	95-1	-0.01	-0.01	-0.02	-0.01		ppb
Molybdenum	96-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	97-1	0.01	-0.02	-0.02	-0.01		ppb
Molybdenum	98-1	0.01	-0.01	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	0.03	0.02	73.33	ppb
Phosphorus	31-2	-44.66	-24.26	-27.43	-32.11		ppb
Potassium	39-2	-10.02	-13.99	-12.36	-12.13		ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				83		%
Scandium	45-2				78		%
Selenium	77-2	-0.36	-0.36	-0.36	-0.36		ppb
Selenium	78-2	-0.53	-0.78	-0.75	-0.68		ppb
Selenium	82-1	-0.27	0.15	0.60	0.16	271.96	ppb
Silicon	28-1	5.52	4.78	5.35	5.22	7.49	ppb
Silver	109-1	0.04	0.02	0.02	0.03	27.65	ppb
Silver	107-1	0.07	0.03	0.01	0.04	80.36	ppb
Sodium	23-2	57.56	53.82	53.35	54.91	4.20	ppb
Strontium	86-1	-0.02	0.01	0.04	0.01	324.04	ppb
Strontium	88-1	0.04	0.04	0.05	0.04	11.59	ppb
Sulfur	34-1	-39.37	-247.50	-251.27	-179.38		ppb
Terbium	159-1				102		%
Terbium	159-2				96		%
Thallium	203-1	-0.05	-0.05	-0.04	-0.05		ppb
Thallium	205-1	-0.04	-0.04	-0.04	-0.04		ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.00	0.00	-0.02	-0.01		ppb
Titanium	47-1	0.07	0.07	-0.01	0.04	102.45	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.03	0.03	0.05	0.04	29.31	ppb
Yttrium	89-1				93		%
Yttrium	89-2				88		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3813-05	Instrumnet Name :	P7
Client Sample ID :	EB-04-190712	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:26:07	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.38	0.18	0.37	0.31	35.68	ppb
Zirconium	90-1	0.00	-0.01	-0.02	-0.01		ppb
Zirconium	91-1	0.02	-0.01	0.02	0.01	161.29	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3814-01	Instrumnet Name :	P7
Client Sample ID :	LA119SW005-SW-19071	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:29:44	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.23	2.87	1.95	2.68	24.71	ppb
Antimony	121-1	0.70	0.66	0.75	0.70	6.57	ppb
Arsenic	75-2	2.43	2.61	2.47	2.50	3.74	ppb
Barium	135-1	75.16	72.58	76.16	74.63	2.48	ppb
Barium	137-1	76.44	72.90	75.56	74.97	2.46	ppb
Beryllium	9-1	0.02	0.01	0.01	0.01	35.73	ppb
Bismuth	209-1				95		%
Bismuth	209-2				86		%
Boron	10-1	162.36	166.24	175.45	168.02	4.00	ppb
Boron	11-1	169.18	171.31	177.92	172.81	2.64	ppb
Cadmium	111-1	-0.10	-0.05	-0.23	-0.12		ppb
Cadmium	106-1	-2.05	-1.10	-3.08	-2.08		ppb
Cadmium	108-1	-0.02	-0.02	0.06	0.01	604.35	ppb
Calcium	43-1	87351.04	86955.64	86546.36	86951.01	0.46	ppb
Calcium	44-1	90190.61	88827.98	89604.73	89541.10	0.76	ppb
Chromium	52-2	1.47	1.81	1.57	1.62	10.63	ppb
Cobalt	59-2	0.27	0.23	0.26	0.25	8.94	ppb
Copper	63-2	2.48	2.34	2.58	2.46	4.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				86		%
Indium	115-1				86		%
Indium	115-2				80		%
Iron	56-2	19.40	20.31	20.03	19.91	2.35	ppb
Iron	57-2	380.55	400.17	387.83	389.52	2.55	ppb
Krypton	83-1						cps
Lead	206-1	0.48	0.39	0.42	0.43	11.24	ppb
Lead	207-1	0.43	0.41	0.41	0.42	3.52	ppb
Lead	208-1	0.43	0.41	0.40	0.41	4.62	ppb
Lithium	6-1				82		%
Magnesium	24-2	8553.36	8870.42	8621.88	8681.89	1.92	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3814-01 Instrumnet Name : P7
 Client Sample ID : LA119SW005-SW-19071 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 16:29:44 DataFile Name : 038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	28.22	29.16	28.37	28.58	1.76	ppb
Molybdenum	94-1	0.76	0.71	0.59	0.69	13.35	ppb
Molybdenum	95-1	0.76	0.84	0.92	0.84	9.48	ppb
Molybdenum	96-1	1.00	0.90	0.94	0.95	5.43	ppb
Molybdenum	97-1	0.98	0.96	0.84	0.93	8.35	ppb
Molybdenum	98-1	0.95	0.85	0.84	0.88	6.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.84	1.56	1.66	1.69	8.40	ppb
Phosphorus	31-2	115.58	138.45	104.06	119.37	14.66	ppb
Potassium	39-2	4111.91	4227.75	4113.21	4150.96	1.60	ppb
Rhodium	103-1				82		%
Rhodium	103-2				82		%
Scandium	45-1				76		%
Scandium	45-2				71		%
Selenium	77-2	3.75	1.01	5.07	3.27	63.18	ppb
Selenium	78-2	-0.45	-0.45	-0.92	-0.61		ppb
Selenium	82-1	0.55	0.76	0.44	0.58	28.15	ppb
Silicon	28-1	6300.33	6209.74	6303.99	6271.35	0.85	ppb
Silver	109-1	0.15	0.13	0.16	0.15	12.48	ppb
Silver	107-1	0.14	0.13	0.12	0.13	8.09	ppb
Sodium	23-2	29326.58	29734.12	29234.77	29431.82	0.90	ppb
Strontium	86-1	405.14	393.79	396.76	398.57	1.48	ppb
Strontium	88-1	413.36	409.62	416.60	413.19	0.84	ppb
Sulfur	34-1	12118.62	11920.00	12027.84	12022.16	0.83	ppb
Terbium	159-1				93		%
Terbium	159-2				86		%
Thallium	203-1	0.01	0.02	0.03	0.02	38.78	ppb
Thallium	205-1	0.04	0.02	0.03	0.03	39.83	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	89.34	ppb
Tin	118-1	1.48	1.50	1.49	1.49	0.64	ppb
Titanium	47-1	0.83	0.91	1.10	0.95	14.72	ppb
Uranium	238-1	0.78	0.86	0.86	0.83	5.70	ppb
Vanadium	51-2	2.86	3.21	3.06	3.04	5.82	ppb
Yttrium	89-1				84		%
Yttrium	89-2				78		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3814-01	Instrumnet Name :	P7
Client Sample ID :	LA119SW005-SW-19071	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:29:44	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	8.41	8.66	8.98	8.68	3.28	ppb
Zirconium	90-1	0.07	0.05	0.07	0.07	18.90	ppb
Zirconium	91-1	0.06	0.03	0.03	0.04	34.43	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3814-02 Instrumnet Name : P7
 Client Sample ID : KY030OF016-SW-19071 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 16:33:22 DataFile Name : 039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.15	20.66	20.03	21.61	10.28	ppb
Antimony	121-1	0.77	0.83	0.77	0.79	4.08	ppb
Arsenic	75-2	2.27	2.35	2.47	2.36	4.39	ppb
Barium	135-1	74.44	72.77	74.05	73.75	1.19	ppb
Barium	137-1	76.28	73.31	73.87	74.49	2.12	ppb
Beryllium	9-1	0.02	0.01	0.03	0.02	49.05	ppb
Bismuth	209-1				96		%
Bismuth	209-2				86		%
Boron	10-1	162.55	168.33	177.98	169.62	4.60	ppb
Boron	11-1	176.35	179.51	182.69	179.52	1.76	ppb
Cadmium	111-1	0.02	-0.35	-0.23	-0.19		ppb
Cadmium	106-1	0.16	-4.47	-2.91	-2.41		ppb
Cadmium	108-1	0.14	-0.10	0.14	0.06	229.06	ppb
Calcium	43-1	89890.20	87758.81	88015.89	88554.97	1.31	ppb
Calcium	44-1	91323.14	90640.22	91323.31	91095.56	0.43	ppb
Chromium	52-2	1.67	1.73	1.85	1.75	5.08	ppb
Cobalt	59-2	0.23	0.27	0.25	0.25	8.07	ppb
Copper	63-2	5.06	5.26	5.78	5.37	6.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				84		%
Indium	115-1				87		%
Indium	115-2				77		%
Iron	56-2	14.29	15.10	16.13	15.17	6.06	ppb
Iron	57-2	377.43	416.11	383.21	392.25	5.32	ppb
Krypton	83-1						cps
Lead	206-1	0.20	0.22	0.18	0.20	8.58	ppb
Lead	207-1	0.20	0.17	0.13	0.17	21.50	ppb
Lead	208-1	0.18	0.18	0.15	0.17	9.85	ppb
Lithium	6-1				80		%
Magnesium	24-2	8722.87	8846.36	8736.78	8768.67	0.77	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3814-02 Instrumnet Name : P7
 Client Sample ID : KY0300F016-SW-19071 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 16:33:22 DataFile Name : 039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	23.84	24.39	24.93	24.39	2.24	ppb
Molybdenum	94-1	0.75	0.78	0.83	0.78	5.09	ppb
Molybdenum	95-1	1.01	0.89	0.89	0.93	7.51	ppb
Molybdenum	96-1	0.91	0.90	0.89	0.90	1.58	ppb
Molybdenum	97-1	0.94	0.94	0.98	0.95	2.41	ppb
Molybdenum	98-1	0.95	0.96	0.88	0.93	4.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.71	1.71	1.84	1.75	4.28	ppb
Phosphorus	31-2	23.75	26.53	48.11	32.80	40.67	ppb
Potassium	39-2	3924.43	3908.77	3973.15	3935.45	0.85	ppb
Rhodium	103-1				82		%
Rhodium	103-2				81		%
Scandium	45-1				74		%
Scandium	45-2				67		%
Selenium	77-2	1.05	2.53	2.46	2.01	41.50	ppb
Selenium	78-2	-1.30	-0.07	0.54	-0.28		ppb
Selenium	82-1	0.99	1.23	0.50	0.91	40.66	ppb
Silicon	28-1	6337.96	6299.24	6276.62	6304.61	0.49	ppb
Silver	109-1	0.12	0.11	0.13	0.12	7.60	ppb
Silver	107-1	0.11	0.10	0.03	0.08	55.82	ppb
Sodium	23-2	29718.32	29812.38	29481.32	29670.67	0.57	ppb
Strontium	86-1	405.36	391.66	394.98	397.33	1.80	ppb
Strontium	88-1	413.51	407.61	409.50	410.21	0.73	ppb
Sulfur	34-1	12183.20	11966.84	11622.08	11924.04	2.37	ppb
Terbium	159-1				94		%
Terbium	159-2				84		%
Thallium	203-1	-0.04	-0.04	-0.02	-0.03		ppb
Thallium	205-1	-0.03	-0.02	-0.01	-0.02		ppb
Thorium	232-1	0.00	0.00	0.00	0.00	26.24	ppb
Tin	118-1	2.00	1.80	1.80	1.87	6.27	ppb
Titanium	47-1	0.93	0.79	0.99	0.90	11.46	ppb
Uranium	238-1	0.82	0.79	0.77	0.79	2.69	ppb
Vanadium	51-2	2.92	2.80	2.98	2.90	3.27	ppb
Yttrium	89-1				84		%
Yttrium	89-2				75		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3814-02	Instrumnet Name :	P7
Client Sample ID :	KY030OF016-SW-19071	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:33:22	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	12.88	15.30	15.22	14.47	9.50	ppb
Zirconium	90-1	0.09	0.04	0.06	0.06	39.33	ppb
Zirconium	91-1	0.07	0.04	0.06	0.06	22.00	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3814-03 Instrumnet Name : P7
 Client Sample ID : KY030LC026-SW-19071; Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 16:36:57 DataFile Name : 040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.71	1.70	1.69	1.70	0.66	ppb
Antimony	121-1	0.76	0.92	0.76	0.81	11.13	ppb
Arsenic	75-2	2.02	2.54	2.19	2.25	11.61	ppb
Barium	135-1	73.67	72.64	70.82	72.38	1.99	ppb
Barium	137-1	74.77	73.64	71.29	73.24	2.42	ppb
Beryllium	9-1	0.04	0.01	0.02	0.02	66.09	ppb
Bismuth	209-1				97		%
Bismuth	209-2				84		%
Boron	10-1	167.11	174.57	167.44	169.71	2.48	ppb
Boron	11-1	175.83	179.42	178.89	178.05	1.09	ppb
Cadmium	111-1	-0.08	-0.08	-0.20	-0.12		ppb
Cadmium	106-1	-1.71	-1.20	-2.12	-1.67		ppb
Cadmium	108-1	-0.02	-0.10	0.37	0.08	301.22	ppb
Calcium	43-1	90968.06	90488.06	90542.57	90666.23	0.29	ppb
Calcium	44-1	93147.80	93421.05	93786.80	93451.88	0.34	ppb
Chromium	52-2	1.22	1.31	1.23	1.25	4.02	ppb
Cobalt	59-2	0.17	0.18	0.20	0.19	8.85	ppb
Copper	63-2	4.98	4.91	5.16	5.02	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				93		%
Holmium	165-2				84		%
Indium	115-1				87		%
Indium	115-2				76		%
Iron	56-2	6.43	6.41	6.55	6.47	1.18	ppb
Iron	57-2	383.44	388.62	389.85	387.30	0.88	ppb
Krypton	83-1						cps
Lead	206-1	0.15	0.14	0.20	0.16	19.62	ppb
Lead	207-1	0.19	0.11	0.15	0.15	25.26	ppb
Lead	208-1	0.16	0.13	0.14	0.14	12.64	ppb
Lithium	6-1				78		%
Magnesium	24-2	8702.32	8640.51	8717.17	8686.67	0.47	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3814-03 Instrumnet Name : P7
 Client Sample ID : KY030LC026-SW-19071; Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 16:36:57 DataFile Name : 040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	17.78	18.01	17.72	17.83	0.85	ppb
Molybdenum	94-1	0.69	0.78	0.77	0.75	6.49	ppb
Molybdenum	95-1	1.01	0.74	0.83	0.86	16.15	ppb
Molybdenum	96-1	0.82	0.84	0.98	0.88	9.84	ppb
Molybdenum	97-1	1.13	0.90	1.01	1.01	11.49	ppb
Molybdenum	98-1	0.93	1.05	0.90	0.96	8.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.64	1.40	1.53	1.52	7.83	ppb
Phosphorus	31-2	-13.99	-5.94	6.31	-4.54		ppb
Potassium	39-2	3815.54	3882.11	3816.35	3838.00	1.00	ppb
Rhodium	103-1				81		%
Rhodium	103-2				79		%
Scandium	45-1				72		%
Scandium	45-2				65		%
Selenium	77-2	4.03	5.46	5.42	4.97	16.34	ppb
Selenium	78-2	-1.23	-1.24	-1.01	-1.16		ppb
Selenium	82-1	0.48	0.92	0.92	0.77	32.62	ppb
Silicon	28-1	6343.09	6328.96	6347.79	6339.95	0.15	ppb
Silver	109-1	0.10	0.11	0.08	0.10	17.58	ppb
Silver	107-1	0.06	0.09	0.04	0.07	38.52	ppb
Sodium	23-2	29682.94	29542.60	29527.88	29584.47	0.29	ppb
Strontium	86-1	405.11	403.84	393.92	400.95	1.53	ppb
Strontium	88-1	414.98	416.15	412.22	414.45	0.49	ppb
Sulfur	34-1	12555.61	12326.13	12222.12	12367.95	1.38	ppb
Terbium	159-1				94		%
Terbium	159-2				84		%
Thallium	203-1	-0.04	-0.03	-0.03	-0.03		ppb
Thallium	205-1	-0.04	-0.02	-0.03	-0.03		ppb
Thorium	232-1	0.00	0.00	0.00	0.00	299.57	ppb
Tin	118-1	1.22	1.21	1.26	1.23	2.25	ppb
Titanium	47-1	0.93	0.73	0.86	0.84	11.63	ppb
Uranium	238-1	0.81	0.88	0.87	0.85	4.45	ppb
Vanadium	51-2	2.82	2.90	2.77	2.83	2.28	ppb
Yttrium	89-1				83		%
Yttrium	89-2				73		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3814-03	Instrumnet Name :	P7
Client Sample ID :	KY030LC026-SW-19071	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:36:57	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	6.78	6.51	7.48	6.92	7.28	ppb
Zirconium	90-1	0.07	0.05	0.06	0.06	17.81	ppb
Zirconium	91-1	0.05	0.05	0.06	0.05	7.33	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:41:25	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47763.25	48371.57	48269.56	48134.79	0.68	ppb
Antimony	121-1	440.22	439.53	438.51	439.42	0.20	ppb
Arsenic	75-2	518.88	516.83	522.47	519.39	0.55	ppb
Barium	135-1	2288.69	2299.97	2275.00	2287.89	0.55	ppb
Barium	137-1	2344.31	2376.08	2340.04	2353.47	0.84	ppb
Beryllium	9-1	467.54	469.17	472.98	469.90	0.59	ppb
Bismuth	209-1				87		%
Bismuth	209-2				83		%
Boron	10-1	463.86	457.57	467.91	463.11	1.13	ppb
Boron	11-1	456.96	462.54	474.98	464.82	1.98	ppb
Cadmium	111-1	482.23	482.35	478.18	480.92	0.49	ppb
Cadmium	106-1	496.43	477.87	470.21	481.50	2.80	ppb
Cadmium	108-1	483.01	469.53	467.15	473.23	1.81	ppb
Calcium	43-1	237256.90	235623.01	234391.37	235757.09	0.61	ppb
Calcium	44-1	237154.20	237910.77	234480.90	236515.29	0.76	ppb
Chromium	52-2	522.50	534.08	527.30	527.96	1.10	ppb
Cobalt	59-2	519.40	528.37	526.27	524.68	0.89	ppb
Copper	63-2	1115.73	1135.57	1134.15	1128.48	0.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				89		%
Indium	115-1				80		%
Indium	115-2				78		%
Iron	56-2	130011.65	130858.59	129892.04	130254.09	0.40	ppb
Iron	57-2	130879.65	130735.54	130141.44	130585.55	0.30	ppb
Krypton	83-1						cps
Lead	206-1	500.68	485.77	491.35	492.60	1.53	ppb
Lead	207-1	507.96	493.60	502.56	501.37	1.45	ppb
Lead	208-1	504.89	499.63	502.77	502.43	0.53	ppb
Lithium	6-1				73		%
Magnesium	24-2	236238.87	238902.05	234947.61	236696.17	0.85	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:41:25	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1025.91	1032.52	1024.84	1027.75	0.40	ppb
Molybdenum	94-1	2385.96	2388.17	2388.41	2387.51	0.06	ppb
Molybdenum	95-1	2346.47	2309.36	2325.52	2327.12	0.80	ppb
Molybdenum	96-1	2357.89	2329.52	2357.93	2348.45	0.70	ppb
Molybdenum	97-1	2369.73	2341.12	2362.17	2357.67	0.63	ppb
Molybdenum	98-1	2366.84	2341.41	2353.98	2354.08	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	521.69	525.50	527.70	524.96	0.58	ppb
Phosphorus	31-2	9109.71	9562.43	9442.10	9371.41	2.50	ppb
Potassium	39-2	116664.94	117679.29	116127.52	116823.92	0.67	ppb
Rhodium	103-1				75		%
Rhodium	103-2				76		%
Scandium	45-1				72		%
Scandium	45-2				69		%
Selenium	77-2	477.16	436.68	459.97	457.94	4.44	ppb
Selenium	78-2	478.35	474.97	483.02	478.78	0.84	ppb
Selenium	82-1	488.10	476.75	483.85	482.90	1.19	ppb
Silicon	28-1	520.23	539.18	547.33	535.58	2.60	ppb
Silver	109-1	467.65	465.97	465.35	466.33	0.26	ppb
Silver	107-1	475.94	470.23	464.10	470.09	1.26	ppb
Sodium	23-2	239700.07	240977.92	236723.51	239133.83	0.91	ppb
Strontium	86-1	490.32	488.31	482.50	487.04	0.83	ppb
Strontium	88-1	495.72	493.99	493.59	494.43	0.23	ppb
Sulfur	34-1	10887.28	10526.82	10374.43	10596.18	2.49	ppb
Terbium	159-1				91		%
Terbium	159-2				88		%
Thallium	203-1	486.20	481.41	488.41	485.34	0.74	ppb
Thallium	205-1	511.27	494.64	501.77	502.56	1.66	ppb
Thorium	232-1	539.62	529.62	534.75	534.66	0.94	ppb
Tin	118-1	448.62	450.40	445.59	448.20	0.54	ppb
Titanium	47-1	2243.70	2222.01	2223.75	2229.82	0.54	ppb
Uranium	238-1	544.90	545.93	539.60	543.48	0.63	ppb
Vanadium	51-2	517.12	524.66	517.82	519.87	0.80	ppb
Yttrium	89-1				81		%
Yttrium	89-2				79		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:41:25	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1083.76	1109.46	1085.07	1092.76	1.32	ppb
Zirconium	90-1	497.07	494.25	493.15	494.82	0.41	ppb
Zirconium	91-1	494.10	488.25	486.84	489.73	0.79	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:47:26	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.74	-0.41	0.73	0.35	186.06	ppb
Antimony	121-1	0.10	0.13	0.13	0.12	15.47	ppb
Arsenic	75-2	0.03	0.03	0.00	0.02	68.32	ppb
Barium	135-1	0.05	0.05	0.01	0.03	72.10	ppb
Barium	137-1	0.02	0.02	0.03	0.02	43.16	ppb
Beryllium	9-1	0.03	0.01	0.04	0.03	50.16	ppb
Bismuth	209-1				97		%
Bismuth	209-2				91		%
Boron	10-1	12.10	13.20	11.23	12.18	8.09	ppb
Boron	11-1	12.68	11.73	12.58	12.33	4.25	ppb
Cadmium	111-1	0.06	0.02	-0.20	-0.04		ppb
Cadmium	106-1	0.63	-0.17	-2.64	-0.73		ppb
Cadmium	108-1	-0.10	0.14	0.06	0.04	342.65	ppb
Calcium	43-1	-1.06	2.35	0.38	0.56	307.93	ppb
Calcium	44-1	0.67	-2.27	-1.94	-1.18		ppb
Chromium	52-2	0.04	0.02	-0.04	0.01	802.06	ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	0.25	0.19	0.16	0.20	24.68	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				90		%
Holmium	165-2				88		%
Indium	115-1				86		%
Indium	115-2				81		%
Iron	56-2	1.38	1.42	1.30	1.37	4.40	ppb
Iron	57-2	-1.38	1.43	-0.67	-0.21		ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.05	0.04	0.04	22.73	ppb
Lead	207-1	0.02	0.05	0.02	0.03	44.74	ppb
Lead	208-1	0.03	0.04	0.03	0.04	13.81	ppb
Lithium	6-1				77		%
Magnesium	24-2	3.45	2.30	1.84	2.53	32.85	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : CCB07 Instrumnet Name : P7
 Client Sample ID : CCB07 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 16:47:26 DataFile Name : 042CCBE.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	0.19	0.07	0.11	0.13	49.92	ppb
Molybdenum	95-1	0.10	0.09	0.14	0.11	22.76	ppb
Molybdenum	96-1	0.16	0.11	0.13	0.13	19.37	ppb
Molybdenum	97-1	0.12	0.10	0.08	0.10	19.67	ppb
Molybdenum	98-1	0.18	0.12	0.12	0.14	25.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	0.00	0.01	65.40	ppb
Phosphorus	31-2	-31.35	-31.68	-35.49	-32.84		ppb
Potassium	39-2	-5.72	-8.65	-9.52	-7.96		ppb
Rhodium	103-1				82		%
Rhodium	103-2				83		%
Scandium	45-1				72		%
Scandium	45-2				67		%
Selenium	77-2	-0.36	-0.36	-0.36	-0.36		ppb
Selenium	78-2	-1.54	-0.66	-2.02	-1.41		ppb
Selenium	82-1	0.73	0.00	-0.38	0.12	474.91	ppb
Silicon	28-1	-2.84	-3.55	-2.82	-3.07		ppb
Silver	109-1	0.11	0.11	0.06	0.09	30.36	ppb
Silver	107-1	0.08	0.06	0.12	0.09	29.54	ppb
Sodium	23-2	31.45	34.18	30.80	32.14	5.57	ppb
Strontium	86-1	-0.05	-0.07	-0.01	-0.04		ppb
Strontium	88-1	0.01	0.00	0.00	0.00	191.29	ppb
Sulfur	34-1	-28.59	-110.36	50.32	-29.54		ppb
Terbium	159-1				92		%
Terbium	159-2				87		%
Thallium	203-1	-0.02	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	0.00	-0.01	-0.01		ppb
Thorium	232-1	0.03	0.04	0.04	0.04	16.34	ppb
Tin	118-1	0.06	0.05	0.01	0.04	64.97	ppb
Titanium	47-1	0.01	0.01	-0.01	0.00	500.12	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	85.41	ppb
Vanadium	51-2	0.01	0.03	0.00	0.01	119.90	ppb
Yttrium	89-1				82		%
Yttrium	89-2				77		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:47:26	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.09	0.17	-0.04	0.07	139.35	ppb
Zirconium	90-1	0.03	0.01	0.03	0.02	65.17	ppb
Zirconium	91-1	-0.01	0.04	0.01	0.01	196.85	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3814-04 Instrumnet Name : P7
 Client Sample ID : KY0300F006-SW-19071 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 16:51:01 DataFile Name : 043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.43	10.29	8.36	9.03	12.11	ppb
Antimony	121-1	1.24	1.16	0.89	1.10	16.33	ppb
Arsenic	75-2	1.92	1.79	1.83	1.84	3.61	ppb
Barium	135-1	59.16	58.81	59.36	59.11	0.47	ppb
Barium	137-1	60.46	60.12	60.14	60.24	0.32	ppb
Beryllium	9-1	0.02	0.03	0.01	0.02	43.46	ppb
Bismuth	209-1				94		%
Bismuth	209-2				85		%
Boron	10-1	182.19	183.45	183.93	183.19	0.49	ppb
Boron	11-1	186.58	187.43	191.92	188.64	1.52	ppb
Cadmium	111-1	0.06	0.03	-0.14	-0.02		ppb
Cadmium	106-1	-0.46	-0.77	-2.53	-1.25		ppb
Cadmium	108-1	0.07	-0.02	-0.10	-0.02		ppb
Calcium	43-1	90872.45	90506.98	87862.48	89747.31	1.83	ppb
Calcium	44-1	92489.82	93338.01	90831.80	92219.88	1.38	ppb
Chromium	52-2	1.81	1.66	1.82	1.76	5.03	ppb
Cobalt	59-2	0.19	0.14	0.20	0.18	18.49	ppb
Copper	63-2	4.51	4.66	4.50	4.55	1.93	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				89		%
Holmium	165-2				84		%
Indium	115-1				84		%
Indium	115-2				76		%
Iron	56-2	13.34	13.20	13.85	13.46	2.53	ppb
Iron	57-2	386.58	410.27	421.25	406.03	4.36	ppb
Krypton	83-1						cps
Lead	206-1	0.26	0.31	0.29	0.29	9.12	ppb
Lead	207-1	0.31	0.20	0.22	0.25	23.01	ppb
Lead	208-1	0.27	0.28	0.23	0.26	9.00	ppb
Lithium	6-1				78		%
Magnesium	24-2	9667.04	9591.24	9603.98	9620.75	0.42	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3814-04 Instrumnet Name : P7
 Client Sample ID : KY0300F006-SW-19071 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 16:51:01 DataFile Name : 043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	51.04	49.14	50.70	50.30	2.01	ppb
Molybdenum	94-1	0.76	0.73	0.63	0.71	9.20	ppb
Molybdenum	95-1	0.78	0.76	0.76	0.76	1.36	ppb
Molybdenum	96-1	0.82	0.81	0.83	0.82	1.09	ppb
Molybdenum	97-1	0.91	0.87	0.82	0.87	5.09	ppb
Molybdenum	98-1	0.88	0.76	0.74	0.79	9.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.72	0.73	0.70	0.72	1.96	ppb
Phosphorus	31-2	12.05	3.29	3.13	6.15	82.93	ppb
Potassium	39-2	2101.35	2115.81	2114.04	2110.40	0.37	ppb
Rhodium	103-1				79		%
Rhodium	103-2				79		%
Scandium	45-1				70		%
Scandium	45-2				64		%
Selenium	77-2	1.10	2.57	3.91	2.53	55.72	ppb
Selenium	78-2	0.43	-0.02	-0.11	0.10	292.33	ppb
Selenium	82-1	1.94	2.01	1.56	1.84	13.13	ppb
Silicon	28-1	7974.96	7913.51	7724.76	7871.08	1.66	ppb
Silver	109-1	0.31	0.27	0.22	0.27	17.47	ppb
Silver	107-1	0.30	0.33	0.21	0.28	23.25	ppb
Sodium	23-2	28136.51	27822.52	28033.25	27997.43	0.57	ppb
Strontium	86-1	591.79	587.02	578.39	585.73	1.16	ppb
Strontium	88-1	615.78	601.90	603.62	607.10	1.25	ppb
Sulfur	34-1	11000.65	10773.69	9958.38	10577.58	5.18	ppb
Terbium	159-1				91		%
Terbium	159-2				84		%
Thallium	203-1	0.13	0.06	0.05	0.08	58.79	ppb
Thallium	205-1	0.09	0.04	0.07	0.07	34.98	ppb
Thorium	232-1	0.04	0.04	0.05	0.04	13.33	ppb
Tin	118-1	2.25	2.22	2.31	2.26	2.14	ppb
Titanium	47-1	1.20	0.91	1.14	1.08	14.42	ppb
Uranium	238-1	1.01	1.08	1.04	1.04	3.07	ppb
Vanadium	51-2	2.88	2.66	2.81	2.78	4.08	ppb
Yttrium	89-1				81		%
Yttrium	89-2				74		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3814-04	Instrumnet Name :	P7
Client Sample ID :	KY030OF006-SW-19071	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:51:01	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	11.22	11.58	11.03	11.27	2.45	ppb
Zirconium	90-1	0.10	0.11	0.08	0.10	14.26	ppb
Zirconium	91-1	0.07	0.10	0.09	0.09	16.57	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3814-05 Instrumnet Name : P7
 Client Sample ID : KY030LC058-SW-19071; Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 16:54:37 DataFile Name : 044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.74	3.42	2.75	2.97	13.20	ppb
Antimony	121-1	0.86	0.79	0.92	0.86	8.06	ppb
Arsenic	75-2	2.54	2.36	2.38	2.43	4.10	ppb
Barium	135-1	78.52	76.08	74.38	76.33	2.72	ppb
Barium	137-1	78.71	76.28	76.68	77.22	1.69	ppb
Beryllium	9-1	0.01	0.03	0.01	0.02	97.54	ppb
Bismuth	209-1				95		%
Bismuth	209-2				83		%
Boron	10-1	170.83	168.94	173.40	171.06	1.31	ppb
Boron	11-1	176.52	181.80	182.54	180.29	1.82	ppb
Cadmium	111-1	-0.09	-0.11	-0.03	-0.08		ppb
Cadmium	106-1	-1.24	-1.88	-0.71	-1.28		ppb
Cadmium	108-1	0.23	-0.02	0.14	0.12	108.08	ppb
Calcium	43-1	94618.38	92711.92	92002.15	93110.81	1.45	ppb
Calcium	44-1	96257.60	95647.83	95334.64	95746.69	0.49	ppb
Chromium	52-2	1.50	1.31	1.31	1.37	8.01	ppb
Cobalt	59-2	0.19	0.21	0.20	0.20	3.63	ppb
Copper	63-2	5.83	5.43	5.87	5.71	4.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				83		%
Indium	115-1				85		%
Indium	115-2				75		%
Iron	56-2	7.09	7.48	8.24	7.60	7.69	ppb
Iron	57-2	391.32	415.87	403.06	403.42	3.04	ppb
Krypton	83-1						cps
Lead	206-1	0.17	0.15	0.20	0.17	13.71	ppb
Lead	207-1	0.18	0.13	0.13	0.15	17.78	ppb
Lead	208-1	0.17	0.16	0.16	0.16	4.53	ppb
Lithium	6-1				76		%
Magnesium	24-2	8710.40	8733.84	8706.42	8716.88	0.17	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3814-05	Instrumnet Name :	P7
Client Sample ID :	KY030LC058-SW-19071	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:54:37	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	17.41	17.56	17.67	17.55	0.74	ppb
Molybdenum	94-1	0.89	0.96	0.91	0.92	4.09	ppb
Molybdenum	95-1	1.05	0.98	1.02	1.02	3.32	ppb
Molybdenum	96-1	0.98	0.89	1.03	0.97	7.43	ppb
Molybdenum	97-1	0.78	0.93	1.07	0.92	15.94	ppb
Molybdenum	98-1	1.08	1.05	0.94	1.03	6.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.85	1.48	1.74	1.69	11.11	ppb
Phosphorus	31-2	-4.37	-30.36	-8.45	-14.39		ppb
Potassium	39-2	3948.97	3926.50	3924.49	3933.32	0.35	ppb
Rhodium	103-1				80		%
Rhodium	103-2				78		%
Scandium	45-1				70		%
Scandium	45-2				63		%
Selenium	77-2	1.12	1.12	2.60	1.61	53.08	ppb
Selenium	78-2	-0.25	-0.23	-1.21	-0.56		ppb
Selenium	82-1	-0.24	0.85	-0.40	0.07	953.59	ppb
Silicon	28-1	6717.49	6659.01	6636.29	6670.93	0.63	ppb
Silver	109-1	0.13	0.09	0.12	0.11	16.90	ppb
Silver	107-1	0.14	0.16	0.09	0.13	28.94	ppb
Sodium	23-2	30602.08	30272.68	30266.44	30380.40	0.63	ppb
Strontium	86-1	412.12	401.17	402.77	405.36	1.46	ppb
Strontium	88-1	422.99	418.41	416.51	419.31	0.79	ppb
Sulfur	34-1	12541.20	12522.60	12162.72	12408.84	1.72	ppb
Terbium	159-1				93		%
Terbium	159-2				83		%
Thallium	203-1	0.01	-0.02	-0.01	-0.01		ppb
Thallium	205-1	0.00	-0.03	-0.02	-0.01		ppb
Thorium	232-1	0.02	0.02	0.02	0.02	8.57	ppb
Tin	118-1	1.48	1.42	1.48	1.46	2.36	ppb
Titanium	47-1	0.89	1.06	1.07	1.01	10.44	ppb
Uranium	238-1	0.87	0.86	0.89	0.87	1.57	ppb
Vanadium	51-2	2.68	2.84	2.78	2.77	2.81	ppb
Yttrium	89-1				81		%
Yttrium	89-2				72		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3814-05	Instrumnet Name :	P7
Client Sample ID :	KY030LC058-SW-19071	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:54:37	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	6.52	6.19	6.33	6.35	2.58	ppb
Zirconium	90-1	0.07	0.08	0.07	0.07	13.11	ppb
Zirconium	91-1	0.13	0.09	0.10	0.11	17.84	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3814-06 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SW-19071; Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 16:58:14 DataFile Name : 045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.27	3.62	4.99	4.29	15.92	ppb
Antimony	121-1	0.83	0.81	0.83	0.83	1.35	ppb
Arsenic	75-2	2.11	2.27	2.14	2.18	3.86	ppb
Barium	135-1	85.53	83.12	84.14	84.27	1.44	ppb
Barium	137-1	87.56	86.60	87.47	87.21	0.60	ppb
Beryllium	9-1	0.03	0.02	0.02	0.02	41.99	ppb
Bismuth	209-1				95		%
Bismuth	209-2				82		%
Boron	10-1	215.88	221.80	227.84	221.84	2.70	ppb
Boron	11-1	228.62	232.04	235.66	232.10	1.52	ppb
Cadmium	111-1	-0.15	-0.19	-0.05	-0.13		ppb
Cadmium	106-1	-2.21	-2.15	-1.15	-1.84		ppb
Cadmium	108-1	0.14	0.31	-0.02	0.14	113.36	ppb
Calcium	43-1	106749.66	107380.21	107973.18	107367.68	0.57	ppb
Calcium	44-1	111099.23	112042.79	113386.21	112176.08	1.02	ppb
Chromium	52-2	1.44	1.38	1.60	1.47	7.74	ppb
Cobalt	59-2	0.37	0.39	0.38	0.38	2.52	ppb
Copper	63-2	5.20	5.88	5.66	5.58	6.23	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				83		%
Indium	115-1				84		%
Indium	115-2				74		%
Iron	56-2	12.46	12.07	11.43	11.99	4.34	ppb
Iron	57-2	473.49	460.87	453.85	462.74	2.15	ppb
Krypton	83-1						cps
Lead	206-1	0.22	0.21	0.21	0.22	3.55	ppb
Lead	207-1	0.18	0.20	0.19	0.19	5.15	ppb
Lead	208-1	0.19	0.20	0.20	0.20	4.89	ppb
Lithium	6-1				75		%
Magnesium	24-2	9248.05	9265.94	9078.02	9197.34	1.13	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3814-06 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SW-19071; Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 16:58:14 DataFile Name : 045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	69.91	70.59	68.03	69.51	1.91	ppb
Molybdenum	94-1	3.23	3.29	3.27	3.26	0.98	ppb
Molybdenum	95-1	0.96	0.85	0.84	0.88	7.33	ppb
Molybdenum	96-1	1.01	1.17	0.99	1.06	9.08	ppb
Molybdenum	97-1	0.85	0.90	0.78	0.84	6.89	ppb
Molybdenum	98-1	0.81	0.91	0.77	0.83	8.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.24	2.27	2.33	2.28	1.92	ppb
Phosphorus	31-2	-12.28	24.44	0.67	4.28	435.27	ppb
Potassium	39-2	3011.60	3080.52	2937.24	3009.79	2.38	ppb
Rhodium	103-1				79		%
Rhodium	103-2				76		%
Scandium	45-1				68		%
Scandium	45-2				61		%
Selenium	77-2	1.15	4.19	2.64	2.66	57.12	ppb
Selenium	78-2	1.81	-1.16	-0.45	0.07	2298.73	ppb
Selenium	82-1	1.59	1.57	1.03	1.40	22.78	ppb
Silicon	28-1	7663.68	7742.43	7709.39	7705.17	0.51	ppb
Silver	109-1	0.08	0.10	0.11	0.10	14.89	ppb
Silver	107-1	0.10	0.13	0.08	0.10	23.96	ppb
Sodium	23-2	48408.62	48893.05	47576.55	48292.74	1.38	ppb
Strontium	86-1	499.03	502.92	490.69	497.55	1.26	ppb
Strontium	88-1	520.46	519.59	509.34	516.46	1.20	ppb
Sulfur	34-1	20375.74	19951.86	20162.54	20163.38	1.05	ppb
Terbium	159-1				92		%
Terbium	159-2				82		%
Thallium	203-1	-0.01	-0.04	-0.03	-0.03		ppb
Thallium	205-1	-0.03	-0.02	-0.02	-0.02		ppb
Thorium	232-1	0.02	0.01	0.01	0.01	13.80	ppb
Tin	118-1	1.19	1.22	1.19	1.20	1.51	ppb
Titanium	47-1	0.98	0.89	0.79	0.89	10.49	ppb
Uranium	238-1	1.19	1.16	1.18	1.18	1.15	ppb
Vanadium	51-2	2.72	3.08	2.92	2.91	6.31	ppb
Yttrium	89-1				80		%
Yttrium	89-2				71		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3814-06	Instrumnet Name :	P7
Client Sample ID :	KY030LC066-SW-19071	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:58:14	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	7.21	7.11	6.52	6.95	5.34	ppb
Zirconium	90-1	1.81	1.91	1.78	1.83	3.92	ppb
Zirconium	91-1	2.06	1.84	1.97	1.96	5.61	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3732-01 Instrumnet Name : P7
 Client Sample ID : KY030LC068-SW-190709 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 17:01:50 DataFile Name : 046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.89	2.42	2.11	2.14	12.29	ppb
Antimony	121-1	0.85	0.83	0.87	0.85	2.41	ppb
Arsenic	75-2	2.33	2.36	1.99	2.23	9.24	ppb
Barium	135-1	77.32	75.29	75.03	75.88	1.65	ppb
Barium	137-1	78.48	75.93	75.75	76.72	1.99	ppb
Beryllium	9-1	0.01	0.01	0.03	0.02	66.17	ppb
Bismuth	209-1				96		%
Bismuth	209-2				83		%
Boron	10-1	176.32	177.75	178.44	177.50	0.61	ppb
Boron	11-1	179.88	184.57	184.82	183.09	1.52	ppb
Cadmium	111-1	-0.13	-0.03	-0.29	-0.15		ppb
Cadmium	106-1	-2.19	-1.04	-4.06	-2.43		ppb
Cadmium	108-1	0.06	-0.10	-0.02	-0.02		ppb
Calcium	43-1	90567.44	92160.40	90428.28	91052.04	1.06	ppb
Calcium	44-1	93854.67	95030.94	94186.48	94357.36	0.64	ppb
Chromium	52-2	1.56	1.39	1.44	1.47	5.92	ppb
Cobalt	59-2	0.20	0.21	0.18	0.20	5.95	ppb
Copper	63-2	2.69	3.01	2.92	2.87	5.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				82		%
Indium	115-1				84		%
Indium	115-2				73		%
Iron	56-2	11.95	11.61	11.31	11.62	2.77	ppb
Iron	57-2	405.49	388.40	381.47	391.79	3.16	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.12	0.15	0.14	9.18	ppb
Lead	207-1	0.14	0.12	0.11	0.12	10.81	ppb
Lead	208-1	0.15	0.12	0.12	0.13	9.82	ppb
Lithium	6-1				73		%
Magnesium	24-2	10415.06	10412.54	10158.98	10328.86	1.42	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3732-01 Instrumnet Name : P7
 Client Sample ID : KY030LC068-SW-190709 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 17:01:50 DataFile Name : 046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	20.19	20.38	19.70	20.09	1.76	ppb
Molybdenum	94-1	0.67	0.78	0.65	0.70	9.59	ppb
Molybdenum	95-1	0.87	0.74	0.78	0.80	8.41	ppb
Molybdenum	96-1	0.74	0.88	0.93	0.85	11.68	ppb
Molybdenum	97-1	0.94	0.69	0.85	0.83	15.07	ppb
Molybdenum	98-1	0.79	0.79	0.81	0.80	1.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.58	1.34	1.67	1.53	11.05	ppb
Phosphorus	31-2	11.91	76.02	42.33	43.42	73.86	ppb
Potassium	39-2	3642.17	3661.51	3643.93	3649.20	0.29	ppb
Rhodium	103-1				78		%
Rhodium	103-2				76		%
Scandium	45-1				67		%
Scandium	45-2				60		%
Selenium	77-2	1.16	5.75	1.15	2.69	98.65	ppb
Selenium	78-2	-0.90	-0.39	-0.92	-0.74		ppb
Selenium	82-1	0.73	1.05	1.47	1.08	34.28	ppb
Silicon	28-1	6850.26	6943.28	6924.83	6906.12	0.71	ppb
Silver	109-1	0.07	0.09	0.09	0.09	11.91	ppb
Silver	107-1	0.11	0.12	0.08	0.11	19.67	ppb
Sodium	23-2	29194.45	29469.90	28781.13	29148.49	1.19	ppb
Strontium	86-1	510.78	502.03	500.10	504.31	1.13	ppb
Strontium	88-1	521.47	530.42	522.29	524.73	0.94	ppb
Sulfur	34-1	12263.18	12605.67	12436.60	12435.15	1.38	ppb
Terbium	159-1				92		%
Terbium	159-2				82		%
Thallium	203-1	-0.03	-0.05	-0.01	-0.03		ppb
Thallium	205-1	-0.03	-0.04	-0.04	-0.04		ppb
Thorium	232-1	0.01	0.01	0.01	0.01	22.20	ppb
Tin	118-1	0.93	1.01	0.95	0.97	4.49	ppb
Titanium	47-1	0.71	0.71	0.77	0.73	4.89	ppb
Uranium	238-1	1.00	0.91	0.95	0.96	4.96	ppb
Vanadium	51-2	3.48	3.33	3.29	3.36	2.93	ppb
Yttrium	89-1				80		%
Yttrium	89-2				70		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3732-01	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-SW-190709	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 17:01:50	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	6.95	6.64	5.93	6.50	8.02	ppb
Zirconium	90-1	0.07	0.03	0.04	0.05	38.66	ppb
Zirconium	91-1	0.08	0.05	0.07	0.07	18.23	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3732-01DUP Instrumnet Name : P7
 Client Sample ID : KY030LC068-SW-190709 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 17:05:26 DataFile Name : 047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.87	1.39	0.89	1.05	28.44	ppb
Antimony	121-1	0.99	0.76	0.83	0.86	14.13	ppb
Arsenic	75-2	2.35	2.21	2.18	2.25	4.11	ppb
Barium	135-1	76.26	76.28	74.62	75.72	1.25	ppb
Barium	137-1	78.07	77.93	76.11	77.37	1.41	ppb
Beryllium	9-1	0.03	0.02	0.04	0.03	37.70	ppb
Bismuth	209-1				96		%
Bismuth	209-2				83		%
Boron	10-1	171.02	174.62	172.27	172.64	1.06	ppb
Boron	11-1	178.61	180.05	180.61	179.75	0.57	ppb
Cadmium	111-1	-0.18	-0.25	-0.25	-0.23		ppb
Cadmium	106-1	-2.52	-3.51	-3.38	-3.14		ppb
Cadmium	108-1	-0.10	0.06	-0.02	-0.02		ppb
Calcium	43-1	91752.98	91206.42	90932.17	91297.19	0.46	ppb
Calcium	44-1	93216.13	94290.06	94912.71	94139.63	0.91	ppb
Chromium	52-2	1.39	1.30	1.66	1.45	12.95	ppb
Cobalt	59-2	0.20	0.21	0.23	0.21	8.05	ppb
Copper	63-2	2.81	2.72	2.95	2.82	4.17	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				91		%
Holmium	165-2				82		%
Indium	115-1				82		%
Indium	115-2				73		%
Iron	56-2	11.24	11.80	12.23	11.75	4.21	ppb
Iron	57-2	369.01	387.88	394.62	383.84	3.46	ppb
Krypton	83-1						cps
Lead	206-1	0.17	0.13	0.10	0.14	24.00	ppb
Lead	207-1	0.18	0.11	0.11	0.13	27.90	ppb
Lead	208-1	0.15	0.12	0.11	0.13	18.70	ppb
Lithium	6-1				72		%
Magnesium	24-2	10136.00	10297.36	10247.34	10226.90	0.81	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3732-01DUP	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-SW-190709	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 17:05:26	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	20.42	19.65	19.64	19.90	2.25	ppb
Molybdenum	94-1	0.77	0.60	0.69	0.69	11.97	ppb
Molybdenum	95-1	0.94	0.91	0.79	0.88	9.39	ppb
Molybdenum	96-1	0.89	0.89	0.89	0.89	0.07	ppb
Molybdenum	97-1	0.78	0.80	0.81	0.79	1.97	ppb
Molybdenum	98-1	0.96	0.84	0.85	0.88	7.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.57	1.50	1.52	1.53	2.26	ppb
Phosphorus	31-2	70.52	44.29	44.82	53.21	28.18	ppb
Potassium	39-2	3553.95	3653.28	3620.68	3609.30	1.40	ppb
Rhodium	103-1				77		%
Rhodium	103-2				76		%
Scandium	45-1				65		%
Scandium	45-2				59		%
Selenium	77-2	-0.36	2.69	-0.36	0.66	266.41	ppb
Selenium	78-2	-0.88	0.10	-1.38	-0.72		ppb
Selenium	82-1	1.80	1.37	0.89	1.35	33.64	ppb
Silicon	28-1	6901.91	6900.05	6931.01	6910.99	0.25	ppb
Silver	109-1	0.09	0.09	0.06	0.08	22.44	ppb
Silver	107-1	0.08	0.04	0.12	0.08	48.75	ppb
Sodium	23-2	28868.53	28784.99	28910.80	28854.78	0.22	ppb
Strontium	86-1	500.07	505.43	493.94	499.81	1.15	ppb
Strontium	88-1	527.15	518.88	517.99	521.34	0.97	ppb
Sulfur	34-1	12929.88	12646.51	12452.90	12676.43	1.89	ppb
Terbium	159-1				92		%
Terbium	159-2				82		%
Thallium	203-1	-0.04	-0.03	-0.03	-0.03		ppb
Thallium	205-1	-0.04	-0.03	-0.04	-0.04		ppb
Thorium	232-1	0.01	0.01	0.01	0.01	2.01	ppb
Tin	118-1	0.99	0.97	1.04	1.00	3.93	ppb
Titanium	47-1	1.00	0.92	0.80	0.91	11.38	ppb
Uranium	238-1	0.96	0.95	0.98	0.96	1.41	ppb
Vanadium	51-2	3.69	3.52	3.37	3.53	4.51	ppb
Yttrium	89-1				79		%
Yttrium	89-2				70		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3732-01DUP	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-SW-190709	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 17:05:26	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	7.71	6.96	7.35	7.34	5.11	ppb
Zirconium	90-1	0.04	0.05	0.02	0.04	28.72	ppb
Zirconium	91-1	0.02	0.01	0.03	0.02	59.72	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3732-01LX5 Instrumnet Name : P7
 Client Sample ID : KY030LC068-SW-190709 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-17 17:09:03 DataFile Name : 048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.33	0.54	0.08	0.32	74.02	ppb
Antimony	121-1	0.20	0.23	0.23	0.22	6.69	ppb
Arsenic	75-2	0.46	0.36	0.31	0.38	20.69	ppb
Barium	135-1	14.75	15.33	14.34	14.81	3.34	ppb
Barium	137-1	15.59	15.92	15.50	15.67	1.39	ppb
Beryllium	9-1	0.02	0.03	0.03	0.03	27.41	ppb
Bismuth	209-1				102		%
Bismuth	209-2				90		%
Boron	10-1	43.57	45.16	45.27	44.67	2.13	ppb
Boron	11-1	47.17	48.24	46.20	47.20	2.17	ppb
Cadmium	111-1	-0.25	-0.16	-0.26	-0.22		ppb
Cadmium	106-1	-3.16	-2.24	-3.18	-2.86		ppb
Cadmium	108-1	-0.02	-0.10	-0.02	-0.05		ppb
Calcium	43-1	18605.25	18551.09	18822.19	18659.51	0.77	ppb
Calcium	44-1	18854.08	19054.24	19209.13	19039.15	0.93	ppb
Chromium	52-2	0.27	0.33	0.25	0.28	13.99	ppb
Cobalt	59-2	0.03	0.05	0.04	0.04	14.26	ppb
Copper	63-2	0.79	0.87	0.82	0.83	5.15	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				95		%
Holmium	165-2				87		%
Indium	115-1				88		%
Indium	115-2				78		%
Iron	56-2	2.36	1.74	2.49	2.20	18.17	ppb
Iron	57-2	85.85	87.35	75.13	82.78	8.05	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.05	0.02	0.03	38.96	ppb
Lead	207-1	0.06	0.02	0.02	0.03	70.85	ppb
Lead	208-1	0.04	0.04	0.03	0.04	20.23	ppb
Lithium	6-1				75		%
Magnesium	24-2	2131.60	2054.22	2095.85	2093.89	1.85	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3732-01LX5 Instrumnet Name : P7
 Client Sample ID : KY030LC068-SW-190709 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-17 17:09:03 DataFile Name : 048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4.26	4.07	4.01	4.11	3.22	ppb
Molybdenum	94-1	0.18	0.17	0.12	0.16	19.39	ppb
Molybdenum	95-1	0.12	0.20	0.15	0.16	27.07	ppb
Molybdenum	96-1	0.15	0.12	0.16	0.14	11.93	ppb
Molybdenum	97-1	0.15	0.13	0.26	0.18	38.30	ppb
Molybdenum	98-1	0.16	0.16	0.20	0.17	13.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.43	0.31	0.46	0.40	19.48	ppb
Phosphorus	31-2	-29.88	-38.96	-21.65	-30.17		ppb
Potassium	39-2	717.26	715.43	738.53	723.74	1.77	ppb
Rhodium	103-1				83		%
Rhodium	103-2				81		%
Scandium	45-1				69		%
Scandium	45-2				63		%
Selenium	77-2	1.10	-0.36	1.06	0.60	137.68	ppb
Selenium	78-2	-1.71	-2.44	-0.82	-1.65		ppb
Selenium	82-1	0.67	0.09	-0.33	0.14	345.94	ppb
Silicon	28-1	1370.47	1383.76	1413.23	1389.15	1.58	ppb
Silver	109-1	0.02	0.03	0.01	0.02	38.65	ppb
Silver	107-1	0.07	0.00	0.05	0.04	86.91	ppb
Sodium	23-2	5906.24	5774.14	5919.77	5866.71	1.37	ppb
Strontium	86-1	101.03	99.54	100.05	100.21	0.75	ppb
Strontium	88-1	101.88	101.26	101.51	101.55	0.31	ppb
Sulfur	34-1	2410.69	2567.49	2804.22	2594.13	7.64	ppb
Terbium	159-1				95		%
Terbium	159-2				87		%
Thallium	203-1	-0.04	-0.04	-0.04	-0.04		ppb
Thallium	205-1	-0.04	-0.05	-0.03	-0.04		ppb
Thorium	232-1	0.00	0.00	0.00	0.00	40.59	ppb
Tin	118-1	0.13	0.17	0.12	0.14	20.42	ppb
Titanium	47-1	0.23	0.12	0.11	0.15	41.30	ppb
Uranium	238-1	0.20	0.18	0.17	0.18	9.69	ppb
Vanadium	51-2	0.89	0.94	0.94	0.92	2.70	ppb
Yttrium	89-1				82		%
Yttrium	89-2				74		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3732-01LX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-SW-190709	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 17:09:03	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.77	1.71	2.06	1.85	10.22	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	25.01	ppb
Zirconium	91-1	-0.03	0.04	0.02	0.01	356.23	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3732-02 Instrumnet Name : P7
 Client Sample ID : KY030LC068-SW-190709 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 17:12:45 DataFile Name : 049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9125.55	9263.75	8925.31	9104.87	1.87	ppb
Antimony	121-1	487.32	482.10	478.61	482.68	0.91	ppb
Arsenic	75-2	526.44	518.03	514.33	519.60	1.19	ppb
Barium	135-1	2473.41	2452.63	2510.57	2478.87	1.18	ppb
Barium	137-1	2552.32	2511.74	2520.60	2528.22	0.84	ppb
Beryllium	9-1	479.09	465.25	466.49	470.28	1.63	ppb
Bismuth	209-1				92		%
Bismuth	209-2				81		%
Boron	10-1	626.13	641.88	632.64	633.55	1.25	ppb
Boron	11-1	634.96	648.08	643.42	642.15	1.04	ppb
Cadmium	111-1	450.66	445.64	440.41	445.57	1.15	ppb
Cadmium	106-1	437.17	428.70	417.31	427.73	2.33	ppb
Cadmium	108-1	444.79	429.31	430.39	434.83	1.99	ppb
Calcium	43-1	139180.07	135151.95	134454.34	136262.12	1.87	ppb
Calcium	44-1	142660.59	140289.02	139226.08	140725.23	1.25	ppb
Chromium	52-2	562.41	557.82	552.27	557.50	0.91	ppb
Cobalt	59-2	586.50	581.21	574.89	580.87	1.00	ppb
Copper	63-2	1177.91	1177.38	1167.33	1174.21	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				91		%
Holmium	165-2				84		%
Indium	115-1				80		%
Indium	115-2				72		%
Iron	56-2	28020.34	27349.09	27080.58	27483.34	1.76	ppb
Iron	57-2	28879.96	28750.79	28262.93	28631.23	1.14	ppb
Krypton	83-1						cps
Lead	206-1	531.07	509.62	522.65	521.11	2.07	ppb
Lead	207-1	539.51	522.02	529.59	530.38	1.65	ppb
Lead	208-1	541.86	523.85	533.78	533.16	1.69	ppb
Lithium	6-1				70		%
Magnesium	24-2	61211.53	59965.93	59293.96	60157.14	1.62	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3732-02 Instrumnet Name : P7
 Client Sample ID : KY030LC068-SW-190709 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 17:12:45 DataFile Name : 049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1147.46	1140.74	1127.40	1138.54	0.90	ppb
Molybdenum	94-1	2285.47	2200.41	2190.06	2225.32	2.35	ppb
Molybdenum	95-1	2164.97	2090.62	2103.31	2119.63	1.88	ppb
Molybdenum	96-1	2171.31	2106.92	2124.51	2134.25	1.56	ppb
Molybdenum	97-1	2180.35	2098.13	2136.75	2138.41	1.92	ppb
Molybdenum	98-1	2189.89	2103.40	2117.24	2136.85	2.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	593.31	590.05	585.52	589.63	0.66	ppb
Phosphorus	31-2	16.30	27.19	26.61	23.37	26.22	ppb
Potassium	39-2	27042.88	26633.81	26260.58	26645.76	1.47	ppb
Rhodium	103-1				75		%
Rhodium	103-2				75		%
Scandium	45-1				66		%
Scandium	45-2				61		%
Selenium	77-2	490.92	487.05	488.45	488.81	0.40	ppb
Selenium	78-2	520.73	490.15	465.24	492.04	5.65	ppb
Selenium	82-1	516.75	493.41	504.68	504.95	2.31	ppb
Silicon	28-1	7063.07	6970.63	6914.83	6982.85	1.07	ppb
Silver	109-1	430.84	427.63	421.84	426.77	1.07	ppb
Silver	107-1	429.43	420.78	415.78	421.99	1.64	ppb
Sodium	23-2	78115.53	76853.15	75863.46	76944.04	1.47	ppb
Strontium	86-1	1003.82	957.56	962.18	974.52	2.61	ppb
Strontium	88-1	1029.69	994.61	995.38	1006.56	1.99	ppb
Sulfur	34-1	12064.32	11530.65	11166.54	11587.17	3.90	ppb
Terbium	159-1				92		%
Terbium	159-2				84		%
Thallium	203-1	511.29	492.69	490.75	498.24	2.28	ppb
Thallium	205-1	530.70	510.09	519.21	520.00	1.99	ppb
Thorium	232-1	0.04	0.04	0.04	0.04	9.72	ppb
Tin	118-1	477.76	468.13	463.03	469.64	1.59	ppb
Titanium	47-1	2054.46	2006.53	2004.08	2021.69	1.41	ppb
Uranium	238-1	557.66	543.26	550.83	550.58	1.31	ppb
Vanadium	51-2	548.64	542.47	544.13	545.08	0.59	ppb
Yttrium	89-1				78		%
Yttrium	89-2				71		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3732-02	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-SW-190709	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 17:12:45	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1064.84	1041.14	1044.27	1050.08	1.23	ppb
Zirconium	90-1	508.21	491.43	491.83	497.16	1.93	ppb
Zirconium	91-1	503.78	484.95	484.18	490.97	2.26	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3732-03 Instrumnet Name : P7
 Client Sample ID : KY030LC068-SW-190709 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 17:16:22 DataFile Name : 050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9477.00	9694.09	9547.91	9573.00	1.16	ppb
Antimony	121-1	501.91	494.92	499.96	498.93	0.72	ppb
Arsenic	75-2	549.68	535.87	536.39	540.64	1.45	ppb
Barium	135-1	2626.78	2613.48	2630.80	2623.69	0.35	ppb
Barium	137-1	2639.20	2598.22	2630.23	2622.55	0.82	ppb
Beryllium	9-1	490.64	489.14	497.72	492.50	0.93	ppb
Bismuth	209-1				93		%
Bismuth	209-2				82		%
Boron	10-1	670.21	687.91	692.36	683.50	1.71	ppb
Boron	11-1	682.71	699.15	705.30	695.72	1.68	ppb
Cadmium	111-1	460.29	455.03	462.12	459.15	0.80	ppb
Cadmium	106-1	449.80	436.76	455.33	447.29	2.13	ppb
Cadmium	108-1	457.50	444.38	455.90	452.59	1.58	ppb
Calcium	43-1	140064.95	140575.30	140860.93	140500.39	0.29	ppb
Calcium	44-1	143966.37	143783.76	144938.89	144229.67	0.43	ppb
Chromium	52-2	586.38	594.54	587.93	589.62	0.73	ppb
Cobalt	59-2	606.49	621.26	615.55	614.43	1.21	ppb
Copper	63-2	1235.01	1256.13	1242.12	1244.42	0.86	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				92		%
Holmium	165-2				85		%
Indium	115-1				81		%
Indium	115-2				73		%
Iron	56-2	28955.05	29263.06	28973.99	29064.03	0.59	ppb
Iron	57-2	30000.93	30261.58	30044.55	30102.36	0.46	ppb
Krypton	83-1						cps
Lead	206-1	537.83	535.96	541.96	538.58	0.57	ppb
Lead	207-1	549.26	539.26	550.17	546.23	1.11	ppb
Lead	208-1	547.65	546.46	553.15	549.09	0.65	ppb
Lithium	6-1				71		%
Magnesium	24-2	61616.98	62656.68	61707.67	61993.78	0.93	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3732-03 Instrumnet Name : P7
 Client Sample ID : KY030LC068-SW-190709 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 17:16:22 DataFile Name : 050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1184.63	1197.83	1196.12	1192.86	0.60	ppb
Molybdenum	94-1	2299.85	2296.70	2302.19	2299.58	0.12	ppb
Molybdenum	95-1	2187.88	2177.60	2170.65	2178.71	0.40	ppb
Molybdenum	96-1	2206.76	2191.31	2201.14	2199.73	0.36	ppb
Molybdenum	97-1	2208.40	2199.64	2196.38	2201.47	0.28	ppb
Molybdenum	98-1	2208.28	2197.97	2210.79	2205.68	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	612.45	629.14	617.59	619.72	1.38	ppb
Phosphorus	31-2	32.01	58.80	57.91	49.57	30.69	ppb
Potassium	39-2	27831.42	28388.63	28095.13	28105.06	0.99	ppb
Rhodium	103-1				77		%
Rhodium	103-2				77		%
Scandium	45-1				68		%
Scandium	45-2				61		%
Selenium	77-2	504.53	487.53	474.92	488.99	3.04	ppb
Selenium	78-2	494.94	498.96	517.68	503.86	2.41	ppb
Selenium	82-1	517.10	513.47	514.94	515.17	0.35	ppb
Silicon	28-1	7146.57	7203.44	7293.26	7214.42	1.03	ppb
Silver	109-1	442.89	437.22	441.05	440.39	0.66	ppb
Silver	107-1	448.87	433.78	437.41	440.02	1.79	ppb
Sodium	23-2	80392.83	81479.76	80556.64	80809.74	0.73	ppb
Strontium	86-1	1006.76	1001.17	994.43	1000.79	0.62	ppb
Strontium	88-1	1021.86	1034.08	1040.14	1032.03	0.90	ppb
Sulfur	34-1	11507.30	11584.59	11816.21	11636.03	1.38	ppb
Terbium	159-1				93		%
Terbium	159-2				84		%
Thallium	203-1	517.30	509.17	511.47	512.65	0.82	ppb
Thallium	205-1	534.87	529.95	539.99	534.93	0.94	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	13.45	ppb
Tin	118-1	491.78	485.22	491.87	489.62	0.78	ppb
Titanium	47-1	2074.45	2090.61	2097.67	2087.57	0.57	ppb
Uranium	238-1	567.86	567.05	569.51	568.14	0.22	ppb
Vanadium	51-2	565.47	578.41	572.68	572.19	1.13	ppb
Yttrium	89-1				80		%
Yttrium	89-2				72		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3732-03	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-SW-190709	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 17:16:22	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1102.86	1113.11	1101.93	1105.97	0.56	ppb
Zirconium	90-1	513.53	516.01	513.21	514.25	0.30	ppb
Zirconium	91-1	510.65	508.65	505.17	508.16	0.55	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3732-01A Instrumnet Name : P7
 Client Sample ID : KY030LC068-SW-190709 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 17:19:59 DataFile Name : 051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9140.41	9215.46	9217.40	9191.09	0.48	ppb
Antimony	121-1	495.24	493.67	481.52	490.14	1.53	ppb
Arsenic	75-2	530.21	532.19	531.77	531.39	0.20	ppb
Barium	135-1	2569.02	2564.65	2556.49	2563.39	0.25	ppb
Barium	137-1	2599.87	2546.16	2556.40	2567.48	1.11	ppb
Beryllium	9-1	485.78	483.59	480.80	483.39	0.52	ppb
Bismuth	209-1				94		%
Bismuth	209-2				82		%
Boron	10-1	665.61	680.34	673.77	673.24	1.10	ppb
Boron	11-1	670.48	681.10	690.12	680.57	1.44	ppb
Cadmium	111-1	450.70	454.62	444.27	449.87	1.16	ppb
Cadmium	106-1	440.94	432.38	436.95	436.76	0.98	ppb
Cadmium	108-1	446.50	439.20	431.48	439.06	1.71	ppb
Calcium	43-1	138617.66	135826.72	136254.10	136899.49	1.10	ppb
Calcium	44-1	142488.67	140196.78	141479.03	141388.16	0.81	ppb
Chromium	52-2	570.95	567.41	567.19	568.52	0.37	ppb
Cobalt	59-2	596.69	592.48	588.72	592.63	0.67	ppb
Copper	63-2	1202.58	1198.03	1181.27	1193.96	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				85		%
Indium	115-1				82		%
Indium	115-2				73		%
Iron	56-2	28140.36	27759.30	27426.09	27775.25	1.29	ppb
Iron	57-2	29011.64	28963.01	28673.72	28882.79	0.63	ppb
Krypton	83-1						cps
Lead	206-1	534.15	520.18	523.50	525.94	1.39	ppb
Lead	207-1	538.49	537.06	537.11	537.55	0.15	ppb
Lead	208-1	541.67	536.17	538.49	538.78	0.51	ppb
Lithium	6-1				72		%
Magnesium	24-2	61108.32	60165.97	60078.24	60450.84	0.94	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3732-01A Instrumnet Name : P7
 Client Sample ID : KY030LC068-SW-19070 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 17:19:59 DataFile Name : 051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1156.60	1159.19	1147.91	1154.57	0.51	ppb
Molybdenum	94-1	2267.07	2227.59	2217.77	2237.48	1.17	ppb
Molybdenum	95-1	2137.33	2117.16	2106.89	2120.46	0.73	ppb
Molybdenum	96-1	2181.25	2139.70	2126.12	2149.03	1.34	ppb
Molybdenum	97-1	2180.41	2127.76	2115.14	2141.10	1.62	ppb
Molybdenum	98-1	2181.33	2141.59	2115.10	2146.00	1.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	604.66	599.69	592.09	598.81	1.06	ppb
Phosphorus	31-2	18.44	35.01	33.94	29.13	31.82	ppb
Potassium	39-2	27278.00	26882.73	27172.83	27111.19	0.76	ppb
Rhodium	103-1				78		%
Rhodium	103-2				77		%
Scandium	45-1				69		%
Scandium	45-2				62		%
Selenium	77-2	456.87	481.38	498.88	479.04	4.41	ppb
Selenium	78-2	514.53	503.36	489.59	502.49	2.49	ppb
Selenium	82-1	506.48	502.98	503.17	504.21	0.39	ppb
Silicon	28-1	7062.65	6977.47	7066.51	7035.54	0.72	ppb
Silver	109-1	439.31	429.50	426.95	431.92	1.51	ppb
Silver	107-1	436.87	437.05	430.12	434.68	0.91	ppb
Sodium	23-2	78980.22	77279.21	76721.95	77660.46	1.51	ppb
Strontium	86-1	983.90	964.49	972.30	973.56	1.00	ppb
Strontium	88-1	1012.39	998.23	1011.03	1007.21	0.78	ppb
Sulfur	34-1	11345.84	11010.25	11079.25	11145.11	1.59	ppb
Terbium	159-1				94		%
Terbium	159-2				85		%
Thallium	203-1	509.40	502.76	509.64	507.27	0.77	ppb
Thallium	205-1	524.47	522.59	527.86	524.97	0.51	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	6.11	ppb
Tin	118-1	483.34	478.67	468.26	476.76	1.62	ppb
Titanium	47-1	2083.94	2017.72	2026.06	2042.58	1.77	ppb
Uranium	238-1	559.17	553.43	555.34	555.98	0.53	ppb
Vanadium	51-2	558.88	553.06	554.14	555.36	0.56	ppb
Yttrium	89-1				81		%
Yttrium	89-2				73		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3732-01A	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-SW-190709	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 17:19:59	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1065.20	1069.62	1060.19	1065.01	0.44	ppb
Zirconium	90-1	504.72	500.55	498.34	501.20	0.65	ppb
Zirconium	91-1	498.00	492.53	485.15	491.89	1.31	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3732-04 Instrumnet Name : P7
 Client Sample ID : KY030LC051-SW-190709 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 17:23:35 DataFile Name : 052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.78	3.15	0.83	2.59	60.15	ppb
Antimony	121-1	0.87	0.82	0.90	0.86	4.35	ppb
Arsenic	75-2	2.29	2.35	2.53	2.39	5.18	ppb
Barium	135-1	78.52	74.50	77.62	76.88	2.75	ppb
Barium	137-1	79.21	77.00	76.12	77.45	2.06	ppb
Beryllium	9-1	0.15	0.08	0.07	0.10	45.27	ppb
Bismuth	209-1				97		%
Bismuth	209-2				84		%
Boron	10-1	203.89	201.50	206.80	204.06	1.30	ppb
Boron	11-1	208.94	211.19	209.26	209.80	0.58	ppb
Cadmium	111-1	0.07	-0.11	-0.06	-0.04		ppb
Cadmium	106-1	-0.97	-3.06	-2.56	-2.20		ppb
Cadmium	108-1	0.22	0.14	-0.02	0.11	108.22	ppb
Calcium	43-1	89222.15	89381.69	88819.94	89141.26	0.32	ppb
Calcium	44-1	91331.77	92143.04	92595.47	92023.43	0.70	ppb
Chromium	52-2	1.71	1.72	1.70	1.71	0.48	ppb
Cobalt	59-2	0.30	0.21	0.26	0.26	17.43	ppb
Copper	63-2	7.11	7.09	7.14	7.11	0.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				83		%
Indium	115-1				85		%
Indium	115-2				75		%
Iron	56-2	21.62	22.07	21.63	21.77	1.18	ppb
Iron	57-2	397.46	379.53	400.30	392.43	2.87	ppb
Krypton	83-1						cps
Lead	206-1	0.47	0.48	0.60	0.52	13.37	ppb
Lead	207-1	0.50	0.51	0.49	0.50	2.58	ppb
Lead	208-1	0.48	0.50	0.52	0.50	4.33	ppb
Lithium	6-1				71		%
Magnesium	24-2	8832.25	8604.63	8758.18	8731.69	1.33	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3732-04 Instrumnet Name : P7
 Client Sample ID : KY030LC051-SW-190709 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 17:23:35 DataFile Name : 052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	31.14	31.86	31.19	31.40	1.28	ppb
Molybdenum	94-1	1.31	1.18	1.04	1.18	11.66	ppb
Molybdenum	95-1	1.31	1.19	1.19	1.23	5.37	ppb
Molybdenum	96-1	1.32	1.18	1.13	1.21	8.01	ppb
Molybdenum	97-1	1.41	1.58	1.29	1.43	10.00	ppb
Molybdenum	98-1	1.55	1.31	1.21	1.36	12.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.82	2.00	2.06	1.96	6.40	ppb
Phosphorus	31-2	27.13	56.68	75.40	53.07	45.86	ppb
Potassium	39-2	3530.23	3492.88	3516.81	3513.31	0.54	ppb
Rhodium	103-1				80		%
Rhodium	103-2				78		%
Scandium	45-1				68		%
Scandium	45-2				61		%
Selenium	77-2	1.12	-0.36	2.57	1.11	131.58	ppb
Selenium	78-2	-1.93	-0.40	-1.23	-1.19		ppb
Selenium	82-1	1.24	1.70	1.00	1.31	26.89	ppb
Silicon	28-1	6609.54	6671.32	6747.91	6676.26	1.04	ppb
Silver	109-1	0.15	0.12	0.10	0.12	21.44	ppb
Silver	107-1	0.13	0.14	0.13	0.13	2.91	ppb
Sodium	23-2	27498.18	26915.45	27414.28	27275.97	1.15	ppb
Strontium	86-1	433.85	429.62	427.42	430.30	0.76	ppb
Strontium	88-1	443.37	449.27	446.97	446.54	0.67	ppb
Sulfur	34-1	10400.04	9923.09	10190.21	10171.11	2.35	ppb
Terbium	159-1				94		%
Terbium	159-2				83		%
Thallium	203-1	0.21	0.14	0.14	0.16	26.18	ppb
Thallium	205-1	0.15	0.13	0.11	0.13	13.78	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	26.55	ppb
Tin	118-1	2.17	2.15	2.17	2.16	0.52	ppb
Titanium	47-1	1.23	1.26	0.94	1.14	15.45	ppb
Uranium	238-1	1.00	0.90	0.89	0.93	6.37	ppb
Vanadium	51-2	3.01	3.22	3.30	3.18	4.79	ppb
Yttrium	89-1				81		%
Yttrium	89-2				72		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3732-04	Instrumnet Name :	P7
Client Sample ID :	KY030LC051-SW-190709	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 17:23:35	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	8.83	28.81	8.91	15.52	74.20	ppb
Zirconium	90-1	0.18	0.19	0.17	0.18	5.45	ppb
Zirconium	91-1	0.21	0.14	0.17	0.17	19.07	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 17:35:31	DataFile Name :	055CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48320.33	47938.38	48422.84	48227.18	0.53	ppb
Antimony	121-1	520.68	517.74	513.50	517.31	0.70	ppb
Arsenic	75-2	511.00	508.08	512.66	510.58	0.45	ppb
Barium	135-1	2323.45	2319.14	2298.87	2313.82	0.57	ppb
Barium	137-1	2381.76	2366.21	2362.54	2370.17	0.43	ppb
Beryllium	9-1	472.99	472.69	474.21	473.30	0.17	ppb
Bismuth	209-1				83		%
Bismuth	209-2				79		%
Boron	10-1	457.70	467.58	474.60	466.63	1.82	ppb
Boron	11-1	462.48	469.87	468.48	466.95	0.84	ppb
Cadmium	111-1	477.23	478.83	467.51	474.52	1.29	ppb
Cadmium	106-1	469.44	478.90	478.12	475.49	1.10	ppb
Cadmium	108-1	477.35	469.22	466.36	470.98	1.21	ppb
Calcium	43-1	241278.67	243911.07	241079.38	242089.71	0.65	ppb
Calcium	44-1	242579.27	242790.97	240623.82	241998.02	0.49	ppb
Chromium	52-2	529.23	523.91	528.59	527.24	0.55	ppb
Cobalt	59-2	529.91	527.85	530.91	529.56	0.30	ppb
Copper	63-2	1127.31	1115.85	1125.02	1122.73	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				86		%
Indium	115-1				76		%
Indium	115-2				76		%
Iron	56-2	132640.39	130445.35	131112.49	131399.41	0.86	ppb
Iron	57-2	133253.30	131369.96	132096.40	132239.88	0.72	ppb
Krypton	83-1						cps
Lead	206-1	497.27	494.60	484.94	492.27	1.32	ppb
Lead	207-1	508.27	502.57	493.40	501.42	1.50	ppb
Lead	208-1	508.18	504.53	499.14	503.95	0.90	ppb
Lithium	6-1				70		%
Magnesium	24-2	239539.24	232655.44	236194.28	236129.65	1.46	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 17:35:31	DataFile Name :	055CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1033.08	1035.20	1035.63	1034.63	0.13	ppb
Molybdenum	94-1	2395.44	2413.65	2407.87	2405.65	0.39	ppb
Molybdenum	95-1	2341.85	2365.82	2348.96	2352.21	0.52	ppb
Molybdenum	96-1	2366.82	2385.51	2362.14	2371.49	0.52	ppb
Molybdenum	97-1	2367.30	2345.74	2365.99	2359.68	0.51	ppb
Molybdenum	98-1	2372.09	2382.36	2369.35	2374.60	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	531.65	524.96	526.24	527.61	0.67	ppb
Phosphorus	31-2	9718.16	9260.96	9286.71	9421.94	2.73	ppb
Potassium	39-2	117294.54	115237.58	115714.19	116082.10	0.93	ppb
Rhodium	103-1				71		%
Rhodium	103-2				74		%
Scandium	45-1				67		%
Scandium	45-2				66		%
Selenium	77-2	505.77	477.49	470.56	484.61	3.85	ppb
Selenium	78-2	472.86	464.60	477.83	471.76	1.42	ppb
Selenium	82-1	481.37	483.67	474.42	479.82	1.00	ppb
Silicon	28-1	532.51	557.97	562.01	550.83	2.90	ppb
Silver	109-1	466.91	461.84	461.96	463.57	0.63	ppb
Silver	107-1	463.27	464.40	460.66	462.78	0.41	ppb
Sodium	23-2	240579.78	234469.86	238813.13	237954.26	1.32	ppb
Strontium	86-1	486.32	482.42	490.97	486.57	0.88	ppb
Strontium	88-1	495.26	496.67	502.53	498.15	0.77	ppb
Sulfur	34-1	10828.03	10998.09	10719.65	10848.59	1.29	ppb
Terbium	159-1				87		%
Terbium	159-2				85		%
Thallium	203-1	494.20	488.79	473.44	485.48	2.22	ppb
Thallium	205-1	510.87	510.86	499.69	507.14	1.27	ppb
Thorium	232-1	546.80	542.12	532.73	540.55	1.32	ppb
Tin	118-1	456.64	456.81	452.43	455.29	0.54	ppb
Titanium	47-1	2349.13	2316.73	2304.92	2323.59	0.99	ppb
Uranium	238-1	557.93	550.06	544.21	550.73	1.25	ppb
Vanadium	51-2	522.91	518.42	522.53	521.29	0.48	ppb
Yttrium	89-1				77		%
Yttrium	89-2				77		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 17:35:31	DataFile Name :	055CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1073.88	1070.07	1081.97	1075.30	0.57	ppb
Zirconium	90-1	497.84	499.15	494.28	497.09	0.51	ppb
Zirconium	91-1	488.73	492.71	490.31	490.58	0.41	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : CCB08 Instrumnet Name : P7
 Client Sample ID : CCB08 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 17:41:26 DataFile Name : 056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.06	0.55	1.38	0.66	101.37	ppb
Antimony	121-1	0.15	0.14	0.11	0.13	18.70	ppb
Arsenic	75-2	-0.04	-0.04	0.00	-0.03		ppb
Barium	135-1	0.06	0.03	0.02	0.04	56.40	ppb
Barium	137-1	0.02	0.03	0.07	0.04	70.51	ppb
Beryllium	9-1	0.01	0.06	0.05	0.04	76.10	ppb
Bismuth	209-1				97		%
Bismuth	209-2				88		%
Boron	10-1	13.44	13.43	12.61	13.16	3.61	ppb
Boron	11-1	13.39	13.55	12.21	13.05	5.59	ppb
Cadmium	111-1	-0.21	-0.05	0.08	-0.06		ppb
Cadmium	106-1	-3.33	-0.84	0.83	-1.12		ppb
Cadmium	108-1	-0.02	-0.02	0.15	0.04	255.99	ppb
Calcium	43-1	-0.99	1.67	3.75	1.48	161.01	ppb
Calcium	44-1	3.55	3.11	0.82	2.49	58.64	ppb
Chromium	52-2	0.06	0.04	-0.05	0.02	325.30	ppb
Cobalt	59-2	0.00	0.00	0.01	0.01	27.03	ppb
Copper	63-2	0.15	0.17	0.15	0.16	5.97	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				89		%
Holmium	165-2				85		%
Indium	115-1				86		%
Indium	115-2				81		%
Iron	56-2	2.33	2.38	2.39	2.37	1.50	ppb
Iron	57-2	2.40	1.10	0.69	1.40	63.81	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.06	0.07	0.07	12.20	ppb
Lead	207-1	0.02	0.02	0.04	0.03	30.98	ppb
Lead	208-1	0.06	0.06	0.05	0.05	5.00	ppb
Lithium	6-1				75		%
Magnesium	24-2	4.12	4.35	3.97	4.15	4.70	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P7
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 17:41:26	DataFile Name :	056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.01	0.06	0.03	98.59	ppb
Molybdenum	94-1	0.17	0.10	0.16	0.14	27.39	ppb
Molybdenum	95-1	0.12	0.19	0.16	0.16	22.27	ppb
Molybdenum	96-1	0.15	0.14	0.10	0.13	19.87	ppb
Molybdenum	97-1	0.14	0.14	0.16	0.15	6.88	ppb
Molybdenum	98-1	0.19	0.18	0.16	0.18	8.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.05	0.04	0.04	33.66	ppb
Phosphorus	31-2	-39.29	-26.27	-27.76	-31.11		ppb
Potassium	39-2	-7.13	-6.21	-15.14	-9.49		ppb
Rhodium	103-1				83		%
Rhodium	103-2				82		%
Scandium	45-1				72		%
Scandium	45-2				66		%
Selenium	77-2	-0.36	-0.36	-0.36	-0.36		ppb
Selenium	78-2	0.30	-1.75	-0.93	-0.79		ppb
Selenium	82-1	-0.03	-0.12	0.11	-0.01		ppb
Silicon	28-1	-1.45	-2.76	-2.87	-2.36		ppb
Silver	109-1	0.03	0.05	0.04	0.04	24.46	ppb
Silver	107-1	0.07	0.03	0.01	0.04	73.55	ppb
Sodium	23-2	16.68	18.65	16.34	17.22	7.23	ppb
Strontium	86-1	-0.03	-0.04	-0.07	-0.05		ppb
Strontium	88-1	0.01	0.02	0.01	0.01	69.83	ppb
Sulfur	34-1	-362.35	-529.03	-409.84	-433.74		ppb
Terbium	159-1				91		%
Terbium	159-2				86		%
Thallium	203-1	0.06	0.01	0.03	0.03	71.20	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	22.84	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	11.50	ppb
Tin	118-1	0.09	0.06	0.09	0.08	25.20	ppb
Titanium	47-1	0.08	0.13	0.06	0.09	37.37	ppb
Uranium	238-1	0.01	0.00	0.01	0.01	47.86	ppb
Vanadium	51-2	0.00	0.02	0.02	0.01	112.69	ppb
Yttrium	89-1				82		%
Yttrium	89-2				77		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P7
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 17:41:26	DataFile Name :	056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.03	0.05	-0.04	0.01	356.63	ppb
Zirconium	90-1	0.00	0.03	0.02	0.02	79.79	ppb
Zirconium	91-1	0.03	-0.01	-0.02	0.00		ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : PB121364BL Instrumnet Name : P7
 Client Sample ID : PB121364BL Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 17:45:02 DataFile Name : 057CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.77	-0.18	-0.41	0.06	1031.62	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	12.03	ppb
Arsenic	75-2	0.12	-0.02	-0.02	0.03	289.73	ppb
Barium	135-1	-0.01	0.01	0.01	0.00	836.17	ppb
Barium	137-1	0.01	0.00	0.00	0.00	132.23	ppb
Beryllium	9-1	0.04	0.03	0.02	0.03	25.24	ppb
Bismuth	209-1				95		%
Bismuth	209-2				88		%
Boron	10-1	9.68	8.32	7.44	8.48	13.30	ppb
Boron	11-1	8.75	9.02	8.44	8.74	3.31	ppb
Cadmium	111-1	-0.07	-0.06	0.05	-0.03		ppb
Cadmium	106-1	-1.42	-0.98	0.27	-0.71		ppb
Cadmium	108-1	-0.02	-0.02	0.07	0.01	431.57	ppb
Calcium	43-1	4.50	-2.37	-3.04	-0.30		ppb
Calcium	44-1	-0.99	-1.79	-1.91	-1.56		ppb
Chromium	52-2	0.03	-0.03	-0.05	-0.02		ppb
Cobalt	59-2	0.00	-0.01	0.02	0.00	376.33	ppb
Copper	63-2	0.02	0.20	0.13	0.12	76.43	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				88		%
Holmium	165-2				86		%
Indium	115-1				85		%
Indium	115-2				81		%
Iron	56-2	0.38	0.07	0.29	0.25	63.55	ppb
Iron	57-2	1.00	-1.08	-1.78	-0.62		ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.02	0.03	0.04	61.44	ppb
Lead	207-1	0.06	0.03	0.06	0.05	37.22	ppb
Lead	208-1	0.07	0.05	0.05	0.05	22.75	ppb
Lithium	6-1				75		%
Magnesium	24-2	0.78	0.04	0.44	0.42	89.08	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : PB121364BL Instrumnet Name : P7
 Client Sample ID : PB121364BL Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 17:45:02 DataFile Name : 057CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.00	0.00	0.00	179.41	ppb
Molybdenum	94-1	0.06	0.07	0.09	0.08	23.95	ppb
Molybdenum	95-1	0.05	0.05	0.02	0.04	41.53	ppb
Molybdenum	96-1	0.05	0.03	0.04	0.04	18.42	ppb
Molybdenum	97-1	0.08	0.03	0.06	0.06	41.55	ppb
Molybdenum	98-1	0.05	0.05	0.03	0.04	16.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.05	0.00	0.03	88.42	ppb
Phosphorus	31-2	-39.12	-39.63	-31.51	-36.75		ppb
Potassium	39-2	-12.60	-15.07	-13.02	-13.56		ppb
Rhodium	103-1				82		%
Rhodium	103-2				82		%
Scandium	45-1				71		%
Scandium	45-2				67		%
Selenium	77-2	-0.36	-0.36	-0.36	-0.36		ppb
Selenium	78-2	-1.54	-1.36	-0.90	-1.27		ppb
Selenium	82-1	0.00	0.11	0.25	0.12	101.77	ppb
Silicon	28-1	-2.66	-2.81	-3.45	-2.97		ppb
Silver	109-1	0.02	0.02	0.02	0.02	9.39	ppb
Silver	107-1	0.03	0.01	0.02	0.02	43.50	ppb
Sodium	23-2	9.24	9.86	7.86	8.99	11.39	ppb
Strontium	86-1	-0.06	-0.12	-0.08	-0.09		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	44.53	ppb
Sulfur	34-1	-109.23	-204.36	-26.86	-113.49		ppb
Terbium	159-1				90		%
Terbium	159-2				86		%
Thallium	203-1	-0.02	-0.03	-0.03	-0.03		ppb
Thallium	205-1	-0.02	-0.01	-0.02	-0.02		ppb
Thorium	232-1	0.02	0.01	0.02	0.02	12.58	ppb
Tin	118-1	0.04	0.02	0.03	0.03	46.86	ppb
Titanium	47-1	0.04	0.00	-0.01	0.01	330.27	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	105.98	ppb
Vanadium	51-2	0.00	0.02	0.00	0.00	206.31	ppb
Yttrium	89-1				81		%
Yttrium	89-2				77		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	PB121364BL	Instrumnet Name :	P7
Client Sample ID :	PB121364BL	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 17:45:02	DataFile Name :	057CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.12	0.23	0.15	0.09	208.07	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	79.13	ppb
Zirconium	91-1	0.02	0.05	0.01	0.03	63.92	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	PB121364BS	Instrumnet Name :	P7
Client Sample ID :	PB121364BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 17:48:39	DataFile Name :	058LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8942.00	8965.26	8832.86	8913.37	0.79	ppb
Antimony	121-1	476.40	472.04	469.28	472.57	0.76	ppb
Arsenic	75-2	488.66	490.82	491.92	490.46	0.34	ppb
Barium	135-1	2343.99	2343.58	2332.57	2340.05	0.28	ppb
Barium	137-1	2422.90	2407.84	2393.87	2408.20	0.60	ppb
Beryllium	9-1	484.08	480.02	481.74	481.95	0.42	ppb
Bismuth	209-1				91		%
Bismuth	209-2				86		%
Boron	10-1	463.11	464.11	472.04	466.42	1.05	ppb
Boron	11-1	458.68	465.79	472.74	465.74	1.51	ppb
Cadmium	111-1	454.22	446.96	443.02	448.06	1.27	ppb
Cadmium	106-1	455.72	443.28	441.73	446.91	1.72	ppb
Cadmium	108-1	457.27	455.22	461.20	457.90	0.66	ppb
Calcium	43-1	48205.01	47680.00	47413.26	47766.09	0.84	ppb
Calcium	44-1	48627.76	48748.67	48772.36	48716.26	0.16	ppb
Chromium	52-2	529.85	532.48	529.89	530.74	0.28	ppb
Cobalt	59-2	542.36	549.61	544.24	545.41	0.69	ppb
Copper	63-2	1088.86	1090.13	1089.41	1089.47	0.06	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				88		%
Holmium	165-2				88		%
Indium	115-1				82		%
Indium	115-2				79		%
Iron	56-2	26668.67	26465.57	26252.90	26462.38	0.79	ppb
Iron	57-2	26914.67	27245.69	27332.78	27164.38	0.81	ppb
Krypton	83-1						cps
Lead	206-1	475.19	476.05	475.51	475.58	0.09	ppb
Lead	207-1	486.45	487.50	484.24	486.06	0.34	ppb
Lead	208-1	488.69	488.44	488.27	488.47	0.04	ppb
Lithium	6-1				73		%
Magnesium	24-2	48092.92	48275.78	47668.38	48012.36	0.65	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	PB121364BS	Instrumnet Name :	P7
Client Sample ID :	PB121364BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 17:48:39	DataFile Name :	058LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1051.00	1057.06	1043.15	1050.40	0.66	ppb
Molybdenum	94-1	2427.46	2415.48	2397.08	2413.34	0.63	ppb
Molybdenum	95-1	2356.78	2382.94	2339.41	2359.71	0.93	ppb
Molybdenum	96-1	2401.81	2412.66	2379.81	2398.09	0.70	ppb
Molybdenum	97-1	2388.26	2405.90	2364.45	2386.20	0.87	ppb
Molybdenum	98-1	2384.21	2399.04	2356.08	2379.78	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	543.90	547.61	546.68	546.06	0.35	ppb
Phosphorus	31-2	9447.61	9439.81	9430.28	9439.23	0.09	ppb
Potassium	39-2	22764.98	23034.12	22809.28	22869.46	0.63	ppb
Rhodium	103-1				78		%
Rhodium	103-2				80		%
Scandium	45-1				70		%
Scandium	45-2				67		%
Selenium	77-2	493.70	479.62	487.21	486.84	1.45	ppb
Selenium	78-2	483.29	482.25	475.78	480.44	0.85	ppb
Selenium	82-1	492.93	488.08	491.54	490.85	0.51	ppb
Silicon	28-1	506.17	517.19	524.55	515.97	1.79	ppb
Silver	109-1	454.61	446.47	444.90	448.66	1.16	ppb
Silver	107-1	442.49	441.59	447.12	443.73	0.67	ppb
Sodium	23-2	47308.54	47231.72	47225.91	47255.39	0.10	ppb
Strontium	86-1	495.13	495.05	488.63	492.94	0.76	ppb
Strontium	88-1	503.91	506.81	501.64	504.12	0.51	ppb
Sulfur	34-1	10817.44	10385.80	10446.31	10549.85	2.22	ppb
Terbium	159-1				90		%
Terbium	159-2				87		%
Thallium	203-1	472.07	465.25	476.45	471.26	1.20	ppb
Thallium	205-1	489.44	492.79	494.91	492.38	0.56	ppb
Thorium	232-1	503.23	506.53	504.00	504.58	0.34	ppb
Tin	118-1	466.63	462.43	459.47	462.85	0.78	ppb
Titanium	47-1	2315.52	2291.08	2290.57	2299.06	0.62	ppb
Uranium	238-1	506.44	508.27	513.96	509.56	0.77	ppb
Vanadium	51-2	515.25	521.08	520.90	519.08	0.64	ppb
Yttrium	89-1				80		%
Yttrium	89-2				78		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	PB121364BS	Instrumnet Name :	P7
Client Sample ID :	PB121364BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 17:48:39	DataFile Name :	058LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1052.33	1042.47	1057.91	1050.90	0.74	ppb
Zirconium	90-1	500.28	500.68	492.65	497.87	0.91	ppb
Zirconium	91-1	488.25	490.48	486.58	488.44	0.40	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3732-05 Instrumnet Name : P7
 Client Sample ID : KY030LC001-SW-190709 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 17:52:15 DataFile Name : 059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.06	3.70	2.71	2.82	29.20	ppb
Antimony	121-1	1.62	1.46	1.32	1.47	10.23	ppb
Arsenic	75-2	2.08	1.96	2.48	2.17	12.69	ppb
Barium	135-1	79.30	75.31	75.56	76.72	2.92	ppb
Barium	137-1	77.60	75.57	75.74	76.30	1.47	ppb
Beryllium	9-1	0.10	0.11	0.08	0.10	14.27	ppb
Bismuth	209-1				94		%
Bismuth	209-2				83		%
Boron	10-1	184.76	181.71	181.08	182.52	1.08	ppb
Boron	11-1	188.02	187.65	190.84	188.84	0.92	ppb
Cadmium	111-1	0.11	-0.16	0.02	-0.01		ppb
Cadmium	106-1	-1.36	-3.82	-1.33	-2.17		ppb
Cadmium	108-1	0.40	-0.02	-0.02	0.12	198.25	ppb
Calcium	43-1	87605.74	88592.91	88402.41	88200.35	0.59	ppb
Calcium	44-1	89814.50	91805.63	92250.20	91290.11	1.42	ppb
Chromium	52-2	2.14	1.91	2.22	2.09	7.61	ppb
Cobalt	59-2	0.24	0.24	0.29	0.26	12.04	ppb
Copper	63-2	2.89	2.73	2.76	2.79	3.16	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				83		%
Indium	115-1				83		%
Indium	115-2				76		%
Iron	56-2	23.28	21.94	21.58	22.27	4.04	ppb
Iron	57-2	417.54	383.45	403.89	401.63	4.27	ppb
Krypton	83-1						cps
Lead	206-1	0.32	0.28	0.35	0.32	10.38	ppb
Lead	207-1	0.30	0.30	0.22	0.27	17.48	ppb
Lead	208-1	0.36	0.31	0.25	0.31	17.52	ppb
Lithium	6-1				75		%
Magnesium	24-2	8346.31	8123.51	8101.77	8190.53	1.65	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3732-05 Instrumnet Name : P7
 Client Sample ID : KY030LC001-SW-190709 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 17:52:15 DataFile Name : 059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	20.12	20.22	19.70	20.01	1.37	ppb
Molybdenum	94-1	1.23	1.23	1.18	1.21	2.19	ppb
Molybdenum	95-1	1.47	1.40	1.16	1.34	12.14	ppb
Molybdenum	96-1	1.43	1.52	1.23	1.40	10.62	ppb
Molybdenum	97-1	1.50	1.23	1.39	1.37	9.92	ppb
Molybdenum	98-1	1.55	1.30	1.24	1.37	11.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.19	2.25	1.81	2.08	11.46	ppb
Phosphorus	31-2	49.07	68.39	63.42	60.29	16.64	ppb
Potassium	39-2	3859.42	3737.86	3756.53	3784.60	1.73	ppb
Rhodium	103-1				78		%
Rhodium	103-2				78		%
Scandium	45-1				68		%
Scandium	45-2				63		%
Selenium	77-2	4.05	-0.36	2.58	2.09	107.26	ppb
Selenium	78-2	0.71	0.23	-0.02	0.30	121.13	ppb
Selenium	82-1	1.09	0.42	1.32	0.94	49.84	ppb
Silicon	28-1	6738.13	6821.05	6859.53	6806.24	0.91	ppb
Silver	109-1	0.34	0.30	0.23	0.29	18.66	ppb
Silver	107-1	0.35	0.34	0.23	0.31	22.63	ppb
Sodium	23-2	29131.83	28076.60	27831.08	28346.50	2.44	ppb
Strontium	86-1	388.43	375.54	374.25	379.41	2.07	ppb
Strontium	88-1	395.12	397.28	391.75	394.72	0.71	ppb
Sulfur	34-1	10283.36	10394.72	10315.31	10331.13	0.56	ppb
Terbium	159-1				91		%
Terbium	159-2				83		%
Thallium	203-1	0.34	0.23	0.15	0.24	38.03	ppb
Thallium	205-1	0.36	0.26	0.17	0.26	36.65	ppb
Thorium	232-1	0.22	0.18	0.18	0.19	13.92	ppb
Tin	118-1	2.39	2.12	2.21	2.24	6.06	ppb
Titanium	47-1	1.32	1.07	0.95	1.12	16.57	ppb
Uranium	238-1	0.90	0.84	0.80	0.85	5.45	ppb
Vanadium	51-2	3.16	3.14	3.42	3.24	4.70	ppb
Yttrium	89-1				80		%
Yttrium	89-2				73		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3732-05	Instrumnet Name :	P7
Client Sample ID :	KY030LC001-SW-190709	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 17:52:15	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	7.15	6.47	7.36	7.00	6.66	ppb
Zirconium	90-1	0.20	0.13	0.12	0.15	28.99	ppb
Zirconium	91-1	0.16	0.13	0.11	0.13	17.61	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3732-06 Instrumnet Name : P7
 Client Sample ID : KY030SP001-SW-19070 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 17:55:51 DataFile Name : 060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.33	1.59	1.07	1.67	37.98	ppb
Antimony	121-1	0.81	0.81	0.83	0.81	1.17	ppb
Arsenic	75-2	0.74	0.65	0.59	0.66	11.38	ppb
Barium	135-1	73.37	72.79	70.65	72.27	1.98	ppb
Barium	137-1	72.56	73.83	70.55	72.31	2.29	ppb
Beryllium	9-1	0.05	0.04	0.02	0.04	51.90	ppb
Bismuth	209-1				94		%
Bismuth	209-2				82		%
Boron	10-1	150.89	150.32	157.67	152.96	2.67	ppb
Boron	11-1	157.88	156.99	160.52	158.46	1.16	ppb
Cadmium	111-1	0.04	0.04	-0.04	0.01	296.71	ppb
Cadmium	106-1	-1.19	-1.00	-2.07	-1.42		ppb
Cadmium	108-1	0.15	-0.10	-0.02	0.01	1381.09	ppb
Calcium	43-1	117030.74	116081.36	115811.05	116307.71	0.55	ppb
Calcium	44-1	120378.89	121702.61	121858.50	121313.33	0.67	ppb
Chromium	52-2	1.86	1.85	1.81	1.84	1.44	ppb
Cobalt	59-2	0.14	0.17	0.15	0.15	11.15	ppb
Copper	63-2	3.26	3.55	3.49	3.44	4.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				82		%
Indium	115-1				84		%
Indium	115-2				74		%
Iron	56-2	19.32	21.23	19.40	19.98	5.39	ppb
Iron	57-2	533.22	536.56	494.41	521.40	4.49	ppb
Krypton	83-1						cps
Lead	206-1	0.41	0.35	0.35	0.37	10.34	ppb
Lead	207-1	0.28	0.33	0.35	0.32	11.21	ppb
Lead	208-1	0.34	0.34	0.34	0.34	0.34	ppb
Lithium	6-1				75		%
Magnesium	24-2	11085.08	11030.78	11009.11	11041.66	0.35	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3732-06 Instrumnet Name : P7
 Client Sample ID : KY030SP001-SW-19070 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 17:55:51 DataFile Name : 060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.50	8.85	8.15	8.50	4.09	ppb
Molybdenum	94-1	0.42	0.55	0.40	0.46	17.27	ppb
Molybdenum	95-1	0.54	0.61	0.46	0.54	14.28	ppb
Molybdenum	96-1	0.51	0.50	0.47	0.49	4.08	ppb
Molybdenum	97-1	0.57	0.52	0.58	0.55	5.92	ppb
Molybdenum	98-1	0.60	0.51	0.50	0.54	10.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.50	1.45	1.30	1.42	7.33	ppb
Phosphorus	31-2	-20.65	-25.02	-29.71	-25.13		ppb
Potassium	39-2	1957.37	1958.58	1962.23	1959.40	0.13	ppb
Rhodium	103-1				79		%
Rhodium	103-2				77		%
Scandium	45-1				68		%
Scandium	45-2				61		%
Selenium	77-2	4.09	5.69	2.59	4.13	37.55	ppb
Selenium	78-2	0.99	0.83	1.69	1.17	39.35	ppb
Selenium	82-1	3.62	3.42	3.52	3.52	2.85	ppb
Silicon	28-1	8251.79	8248.13	8290.18	8263.37	0.28	ppb
Silver	109-1	0.09	0.10	0.09	0.09	7.18	ppb
Silver	107-1	0.17	0.09	0.12	0.13	31.44	ppb
Sodium	23-2	22945.99	22768.91	22669.35	22794.75	0.61	ppb
Strontium	86-1	731.41	715.42	710.71	719.18	1.51	ppb
Strontium	88-1	751.18	754.47	751.62	752.42	0.24	ppb
Sulfur	34-1	14969.26	14742.41	15023.02	14911.56	1.00	ppb
Terbium	159-1				92		%
Terbium	159-2				82		%
Thallium	203-1	0.02	0.00	-0.02	0.00	4893.67	ppb
Thallium	205-1	-0.01	0.00	0.00	0.00		ppb
Thorium	232-1	0.05	0.04	0.04	0.04	13.43	ppb
Tin	118-1	1.56	1.69	1.72	1.66	5.02	ppb
Titanium	47-1	1.06	0.96	1.13	1.05	8.17	ppb
Uranium	238-1	1.36	1.41	1.36	1.38	2.07	ppb
Vanadium	51-2	3.27	3.12	3.20	3.20	2.42	ppb
Yttrium	89-1				80		%
Yttrium	89-2				71		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3732-06	Instrumnet Name :	P7
Client Sample ID :	KY030SP001-SW-19070	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 17:55:51	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	11.81	11.17	11.60	11.53	2.82	ppb
Zirconium	90-1	0.08	0.02	0.06	0.05	60.66	ppb
Zirconium	91-1	0.07	0.07	0.03	0.06	42.64	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3732-07	Instrumnet Name :	P7
Client Sample ID :	DUP-0536-190709	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 17:59:27	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.13	1.09	1.32	1.18	10.60	ppb
Antimony	121-1	0.82	0.81	0.75	0.80	4.60	ppb
Arsenic	75-2	1.88	2.50	2.06	2.15	14.74	ppb
Barium	135-1	76.08	72.49	72.46	73.68	2.82	ppb
Barium	137-1	74.23	74.49	73.11	73.94	1.00	ppb
Beryllium	9-1	0.06	0.00	0.04	0.03	85.09	ppb
Bismuth	209-1				96		%
Bismuth	209-2				82		%
Boron	10-1	166.35	169.68	168.12	168.05	0.99	ppb
Boron	11-1	172.27	177.03	179.06	176.12	1.98	ppb
Cadmium	111-1	-0.17	-0.07	-0.09	-0.11		ppb
Cadmium	106-1	-2.92	-1.43	-2.07	-2.14		ppb
Cadmium	108-1	0.22	0.22	0.06	0.17	55.01	ppb
Calcium	43-1	88006.37	87815.52	88803.08	88208.32	0.59	ppb
Calcium	44-1	91054.59	91779.57	93032.62	91955.60	1.09	ppb
Chromium	52-2	1.28	1.22	1.21	1.24	3.22	ppb
Cobalt	59-2	0.17	0.21	0.22	0.20	14.41	ppb
Copper	63-2	2.89	2.83	2.61	2.77	5.32	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				92		%
Holmium	165-2				82		%
Indium	115-1				85		%
Indium	115-2				74		%
Iron	56-2	11.11	11.19	11.47	11.26	1.68	ppb
Iron	57-2	384.71	400.95	389.17	391.61	2.14	ppb
Krypton	83-1						cps
Lead	206-1	0.15	0.14	0.13	0.14	6.75	ppb
Lead	207-1	0.08	0.13	0.14	0.12	28.11	ppb
Lead	208-1	0.13	0.13	0.13	0.13	2.99	ppb
Lithium	6-1				73		%
Magnesium	24-2	10094.81	9816.53	9761.86	9891.07	1.81	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3732-07	Instrumnet Name :	P7
Client Sample ID :	DUP-0536-190709	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 17:59:27	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	19.41	19.24	19.25	19.30	0.50	ppb
Molybdenum	94-1	0.59	0.73	0.65	0.66	10.56	ppb
Molybdenum	95-1	0.81	0.82	0.82	0.82	0.95	ppb
Molybdenum	96-1	0.86	0.82	0.79	0.82	3.87	ppb
Molybdenum	97-1	0.89	0.86	0.82	0.86	4.12	ppb
Molybdenum	98-1	0.76	0.78	0.86	0.80	6.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.64	1.58	1.36	1.53	9.83	ppb
Phosphorus	31-2	21.09	45.65	40.44	35.73	36.22	ppb
Potassium	39-2	3540.40	3522.04	3483.24	3515.23	0.83	ppb
Rhodium	103-1				79		%
Rhodium	103-2				77		%
Scandium	45-1				68		%
Scandium	45-2				61		%
Selenium	77-2	1.15	-0.36	1.13	0.64	134.58	ppb
Selenium	78-2	-0.18	-0.21	0.04	-0.12		ppb
Selenium	82-1	1.43	1.18	1.66	1.43	16.98	ppb
Silicon	28-1	6697.67	6789.56	6808.47	6765.24	0.88	ppb
Silver	109-1	0.07	0.08	0.06	0.07	16.91	ppb
Silver	107-1	0.12	0.08	0.10	0.10	21.80	ppb
Sodium	23-2	28563.56	27657.23	27248.54	27823.11	2.42	ppb
Strontium	86-1	492.05	481.76	483.24	485.68	1.15	ppb
Strontium	88-1	511.13	505.79	511.38	509.43	0.62	ppb
Sulfur	34-1	11679.41	11522.05	11699.94	11633.80	0.84	ppb
Terbium	159-1				93		%
Terbium	159-2				83		%
Thallium	203-1	-0.03	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.01	-0.02	-0.03	-0.02		ppb
Thorium	232-1	0.02	0.02	0.03	0.02	16.02	ppb
Tin	118-1	1.13	1.17	1.28	1.20	6.45	ppb
Titanium	47-1	0.76	0.72	0.76	0.75	3.36	ppb
Uranium	238-1	0.95	0.87	0.89	0.90	4.78	ppb
Vanadium	51-2	3.44	3.32	3.49	3.42	2.54	ppb
Yttrium	89-1				81		%
Yttrium	89-2				71		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3732-07	Instrumnet Name :	P7
Client Sample ID :	DUP-0536-190709	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 17:59:27	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	5.21	4.45	4.44	4.70	9.33	ppb
Zirconium	90-1	0.03	0.03	0.07	0.04	56.30	ppb
Zirconium	91-1	0.01	0.05	0.13	0.06	99.32	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3733-07	Instrumnet Name :	P7
Client Sample ID :	EB-01-190709	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:03:04	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.09	-0.19	0.45	0.45	142.26	ppb
Antimony	121-1	0.05	0.03	0.02	0.03	33.94	ppb
Arsenic	75-2	0.02	0.00	0.00	0.01	151.15	ppb
Barium	135-1	0.03	0.04	0.03	0.03	22.38	ppb
Barium	137-1	0.00	0.01	0.05	0.02	145.08	ppb
Beryllium	9-1	0.02	0.03	0.01	0.02	40.40	ppb
Bismuth	209-1				111		%
Bismuth	209-2				96		%
Boron	10-1	10.50	11.38	11.33	11.07	4.43	ppb
Boron	11-1	12.13	11.43	11.93	11.83	3.05	ppb
Cadmium	111-1	-0.04	-0.22	-0.03	-0.10		ppb
Cadmium	106-1	-0.91	-3.01	-0.85	-1.59		ppb
Cadmium	108-1	-0.03	-0.10	0.04	-0.03		ppb
Calcium	43-1	26.08	30.35	16.70	24.37	28.65	ppb
Calcium	44-1	27.16	27.03	27.64	27.28	1.17	ppb
Chromium	52-2	0.20	0.15	0.15	0.17	16.36	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.40	0.35	0.32	0.35	12.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				94		%
Indium	115-1				98		%
Indium	115-2				87		%
Iron	56-2	0.27	0.43	0.25	0.32	30.16	ppb
Iron	57-2	-3.38	-0.64	-1.29	-1.77		ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.08	0.04	0.05	61.50	ppb
Lead	207-1	0.02	0.02	0.04	0.03	24.76	ppb
Lead	208-1	0.03	0.04	0.05	0.04	17.52	ppb
Lithium	6-1				84		%
Magnesium	24-2	0.85	1.41	1.71	1.32	32.97	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3733-07	Instrumnet Name :	P7
Client Sample ID :	EB-01-190709	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:03:04	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	0.04	0.04	0.04	9.67	ppb
Molybdenum	94-1	0.04	0.04	0.01	0.03	68.84	ppb
Molybdenum	95-1	0.01	0.01	-0.01	0.00	271.08	ppb
Molybdenum	96-1	0.01	0.01	0.02	0.02	19.16	ppb
Molybdenum	97-1	0.02	0.00	0.03	0.02	69.17	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	9.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.02	0.05	0.03	42.45	ppb
Phosphorus	31-2	-40.24	-36.46	-40.16	-38.95		ppb
Potassium	39-2	-20.20	-15.14	-14.89	-16.75		ppb
Rhodium	103-1				94		%
Rhodium	103-2				90		%
Scandium	45-1				80		%
Scandium	45-2				71		%
Selenium	77-2	-0.36	-0.36	-0.36	-0.36		ppb
Selenium	78-2	-0.20	-1.06	-1.67	-0.97		ppb
Selenium	82-1	0.05	0.11	-0.19	-0.01		ppb
Silicon	28-1	-4.00	-4.19	-3.90	-4.03		ppb
Silver	109-1	0.03	0.01	0.02	0.02	29.57	ppb
Silver	107-1	0.01	0.05	0.02	0.03	70.41	ppb
Sodium	23-2	42.03	40.56	39.63	40.74	2.97	ppb
Strontium	86-1	0.00	-0.03	0.00	-0.01		ppb
Strontium	88-1	0.06	0.07	0.06	0.06	4.78	ppb
Sulfur	34-1	-1310.66	-1257.51	-929.78	-1165.98		ppb
Terbium	159-1				105		%
Terbium	159-2				93		%
Thallium	203-1	-0.05	-0.04	-0.04	-0.04		ppb
Thallium	205-1	-0.04	-0.04	-0.04	-0.04		ppb
Thorium	232-1	0.00	0.00	0.00	0.00	134.08	ppb
Tin	118-1	-0.01	-0.01	0.02	0.00		ppb
Titanium	47-1	0.00	0.03	0.06	0.03	92.66	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.03	0.04	0.03	0.03	19.70	ppb
Yttrium	89-1				93		%
Yttrium	89-2				83		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3733-07	Instrumnet Name :	P7
Client Sample ID :	EB-01-190709	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:03:04	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.45	0.43	0.46	0.45	4.21	ppb
Zirconium	90-1	-0.02	0.00	-0.01	-0.01		ppb
Zirconium	91-1	-0.04	-0.02	-0.02	-0.02		ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3734-01	Instrumnet Name :	P7
Client Sample ID :	SP19-056-MW02	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:06:41	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.96	29.30	36.69	35.65	16.54	ppb
Antimony	121-1	1.05	0.97	1.14	1.05	8.13	ppb
Arsenic	75-2	39.71	37.35	36.97	38.01	3.90	ppb
Barium	135-1	110.15	107.28	106.57	108.00	1.75	ppb
Barium	137-1	109.93	111.08	107.52	109.51	1.66	ppb
Beryllium	9-1	0.02	0.03	0.02	0.02	26.11	ppb
Bismuth	209-1				94		%
Bismuth	209-2				82		%
Boron	10-1	42.28	46.88	44.88	44.68	5.16	ppb
Boron	11-1	45.09	44.22	45.38	44.90	1.35	ppb
Cadmium	111-1	0.09	-0.04	0.10	0.05	146.60	ppb
Cadmium	106-1	-1.99	-2.89	-2.71	-2.53		ppb
Cadmium	108-1	0.40	0.39	0.39	0.39	0.83	ppb
Calcium	43-1	100895.58	101950.81	100592.26	101146.22	0.71	ppb
Calcium	44-1	103861.69	105590.88	104761.74	104738.10	0.83	ppb
Chromium	52-2	1.76	1.84	1.84	1.81	2.59	ppb
Cobalt	59-2	7.16	6.78	7.03	6.99	2.77	ppb
Copper	63-2	17.45	17.40	17.37	17.40	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				90		%
Holmium	165-2				82		%
Indium	115-1				82		%
Indium	115-2				73		%
Iron	56-2	6301.57	6192.70	6166.60	6220.29	1.15	ppb
Iron	57-2	6660.99	6685.76	6672.66	6673.14	0.19	ppb
Krypton	83-1						cps
Lead	206-1	1.00	1.06	0.84	0.97	11.83	ppb
Lead	207-1	0.88	0.94	0.87	0.90	3.99	ppb
Lead	208-1	0.97	0.97	0.87	0.93	6.27	ppb
Lithium	6-1				69		%
Magnesium	24-2	10281.37	10134.69	10140.67	10185.58	0.81	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3734-01	Instrumnet Name :	P7
Client Sample ID :	SP19-056-MW02	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:06:41	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	13622.74	13460.50	13362.94	13482.06	0.97	ppb
Molybdenum	94-1	1.34	1.26	1.42	1.34	5.98	ppb
Molybdenum	95-1	1.10	1.16	1.04	1.10	5.42	ppb
Molybdenum	96-1	1.07	0.87	1.10	1.01	12.27	ppb
Molybdenum	97-1	0.96	1.09	1.04	1.03	6.35	ppb
Molybdenum	98-1	1.00	0.96	0.96	0.97	2.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.36	4.85	4.69	4.97	7.09	ppb
Phosphorus	31-2	-14.65	25.74	-28.74	-5.88		ppb
Potassium	39-2	590.07	572.59	574.94	579.20	1.64	ppb
Rhodium	103-1				77		%
Rhodium	103-2				76		%
Scandium	45-1				65		%
Scandium	45-2				59		%
Selenium	77-2	1.17	1.15	1.14	1.15	0.95	ppb
Selenium	78-2	-0.40	-0.17	-0.44	-0.34		ppb
Selenium	82-1	0.52	0.20	-0.83	-0.04		ppb
Silicon	28-1	6438.62	6473.12	6491.15	6467.63	0.41	ppb
Silver	109-1	0.09	0.09	0.07	0.08	17.80	ppb
Silver	107-1	0.09	0.06	0.08	0.08	16.14	ppb
Sodium	23-2	13056.21	12829.87	12756.57	12880.88	1.21	ppb
Strontium	86-1	820.66	813.95	817.47	817.36	0.41	ppb
Strontium	88-1	856.77	852.13	860.86	856.58	0.51	ppb
Sulfur	34-1	4689.72	4492.62	4341.12	4507.82	3.88	ppb
Terbium	159-1				91		%
Terbium	159-2				82		%
Thallium	203-1	-0.01	0.00	-0.03	-0.02		ppb
Thallium	205-1	-0.01	-0.02	-0.03	-0.02		ppb
Thorium	232-1	0.03	0.02	0.02	0.02	13.56	ppb
Tin	118-1	1.39	1.45	1.63	1.49	8.09	ppb
Titanium	47-1	1.45	1.43	1.49	1.46	2.30	ppb
Uranium	238-1	0.66	0.71	0.62	0.66	6.48	ppb
Vanadium	51-2	0.63	0.55	0.50	0.56	11.91	ppb
Yttrium	89-1				78		%
Yttrium	89-2				70		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3734-01	Instrumnet Name :	P7
Client Sample ID :	SP19-056-MW02	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:06:41	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	31.55	32.05	34.00	32.53	3.98	ppb
Zirconium	90-1	0.42	0.45	0.43	0.43	2.89	ppb
Zirconium	91-1	0.29	0.42	0.36	0.36	18.91	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3756-01	Instrumnet Name :	P7
Client Sample ID :	KY030LC006-SW-190710	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:10:18	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.15	2.66	2.14	2.31	12.78	ppb
Antimony	121-1	0.82	0.80	0.85	0.82	3.01	ppb
Arsenic	75-2	2.54	2.18	2.25	2.32	8.20	ppb
Barium	135-1	75.58	75.05	76.17	75.60	0.74	ppb
Barium	137-1	76.22	75.62	74.40	75.41	1.23	ppb
Beryllium	9-1	0.02	0.03	0.04	0.03	41.42	ppb
Bismuth	209-1				95		%
Bismuth	209-2				82		%
Boron	10-1	164.59	166.15	168.05	166.26	1.04	ppb
Boron	11-1	172.59	174.88	174.08	173.85	0.67	ppb
Cadmium	111-1	-0.22	-0.22	-0.15	-0.20		ppb
Cadmium	106-1	-3.10	-3.68	-2.89	-3.22		ppb
Cadmium	108-1	0.06	0.06	-0.02	0.03	135.72	ppb
Calcium	43-1	86696.96	86853.12	87636.25	87062.11	0.58	ppb
Calcium	44-1	90325.63	90738.66	90931.52	90665.27	0.34	ppb
Chromium	52-2	1.58	1.48	1.55	1.54	3.25	ppb
Cobalt	59-2	0.20	0.22	0.26	0.23	12.66	ppb
Copper	63-2	2.34	2.54	2.45	2.44	4.14	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				91		%
Holmium	165-2				82		%
Indium	115-1				84		%
Indium	115-2				73		%
Iron	56-2	18.53	18.03	18.21	18.26	1.39	ppb
Iron	57-2	369.68	374.84	383.37	375.96	1.84	ppb
Krypton	83-1						cps
Lead	206-1	0.15	0.17	0.19	0.17	12.91	ppb
Lead	207-1	0.18	0.14	0.14	0.15	13.40	ppb
Lead	208-1	0.16	0.15	0.15	0.15	2.98	ppb
Lithium	6-1				70		%
Magnesium	24-2	8192.16	8215.11	8199.75	8202.34	0.14	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3756-01 Instrumnet Name : P7
 Client Sample ID : KY030LC006-SW-190710 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 18:10:18 DataFile Name : 064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	18.96	19.04	18.53	18.84	1.47	ppb
Molybdenum	94-1	0.71	0.74	0.76	0.74	3.41	ppb
Molybdenum	95-1	0.77	0.83	0.80	0.80	3.25	ppb
Molybdenum	96-1	0.83	0.84	0.97	0.88	8.65	ppb
Molybdenum	97-1	0.82	0.93	0.83	0.86	6.72	ppb
Molybdenum	98-1	0.86	0.83	0.81	0.83	2.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.98	2.13	2.05	2.05	3.67	ppb
Phosphorus	31-2	70.87	75.35	43.39	63.20	27.38	ppb
Potassium	39-2	3702.56	3747.46	3692.78	3714.27	0.79	ppb
Rhodium	103-1				78		%
Rhodium	103-2				76		%
Scandium	45-1				66		%
Scandium	45-2				60		%
Selenium	77-2	1.16	-0.36	-0.36	0.15	589.10	ppb
Selenium	78-2	0.33	1.05	-0.43	0.32	235.56	ppb
Selenium	82-1	0.99	1.31	0.10	0.80	78.44	ppb
Silicon	28-1	6624.52	6633.78	6679.52	6645.94	0.44	ppb
Silver	109-1	0.04	0.10	0.07	0.07	43.84	ppb
Silver	107-1	0.09	0.03	0.09	0.07	46.34	ppb
Sodium	23-2	27737.64	27431.88	27316.48	27495.33	0.79	ppb
Strontium	86-1	387.83	383.88	377.69	383.13	1.33	ppb
Strontium	88-1	402.28	397.69	400.65	400.20	0.58	ppb
Sulfur	34-1	9588.87	9530.80	9708.06	9609.24	0.94	ppb
Terbium	159-1				93		%
Terbium	159-2				82		%
Thallium	203-1	-0.04	-0.04	-0.04	-0.04		ppb
Thallium	205-1	-0.03	-0.03	-0.04	-0.03		ppb
Thorium	232-1	0.01	0.01	0.01	0.01	35.79	ppb
Tin	118-1	1.20	1.24	1.25	1.23	2.19	ppb
Titanium	47-1	1.67	1.38	1.44	1.50	10.24	ppb
Uranium	238-1	0.81	0.85	0.83	0.83	2.13	ppb
Vanadium	51-2	3.17	2.89	3.06	3.04	4.59	ppb
Yttrium	89-1				80		%
Yttrium	89-2				71		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3756-01	Instrumnet Name :	P7
Client Sample ID :	KY030LC006-SW-190710	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:10:18	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	9.69	10.99	10.62	10.43	6.41	ppb
Zirconium	90-1	0.07	0.06	0.04	0.06	27.12	ppb
Zirconium	91-1	0.07	0.04	0.06	0.06	29.90	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3756-02 Instrumnet Name : P7
 Client Sample ID : KY030SW001-SW-19071 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 18:13:56 DataFile Name : 065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.93	14.78	11.63	12.45	16.46	ppb
Antimony	121-1	0.70	0.76	0.80	0.75	6.95	ppb
Arsenic	75-2	1.75	1.52	1.33	1.53	13.72	ppb
Barium	135-1	88.92	87.53	88.63	88.36	0.83	ppb
Barium	137-1	89.06	88.15	89.47	88.89	0.76	ppb
Beryllium	9-1	0.02	0.02	0.01	0.02	26.67	ppb
Bismuth	209-1				94		%
Bismuth	209-2				80		%
Boron	10-1	367.86	374.15	382.73	374.91	1.99	ppb
Boron	11-1	383.67	391.84	400.10	391.87	2.10	ppb
Cadmium	111-1	-0.07	-0.36	-0.13	-0.18		ppb
Cadmium	106-1	-0.89	-4.76	-1.49	-2.38		ppb
Cadmium	108-1	0.06	-0.02	0.14	0.06	130.46	ppb
Calcium	43-1	82347.57	81624.06	82213.40	82061.68	0.47	ppb
Calcium	44-1	84115.22	84784.44	85722.31	84873.99	0.95	ppb
Chromium	52-2	1.53	1.46	1.44	1.48	3.21	ppb
Cobalt	59-2	0.19	0.26	0.19	0.22	19.82	ppb
Copper	63-2	2.24	2.29	2.13	2.22	3.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				82		%
Indium	115-1				83		%
Indium	115-2				74		%
Iron	56-2	19.90	20.77	19.92	20.20	2.46	ppb
Iron	57-2	381.28	360.19	354.17	365.21	3.90	ppb
Krypton	83-1						cps
Lead	206-1	0.25	0.18	0.19	0.21	17.48	ppb
Lead	207-1	0.14	0.15	0.12	0.14	10.27	ppb
Lead	208-1	0.18	0.16	0.16	0.17	5.97	ppb
Lithium	6-1				69		%
Magnesium	24-2	12592.45	12827.22	12776.70	12732.12	0.97	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3756-02 Instrumnet Name : P7
 Client Sample ID : KY030SW001-SW-19071 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 18:13:56 DataFile Name : 065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.28	7.90	7.57	7.58	4.09	ppb
Molybdenum	94-1	0.58	0.68	0.54	0.60	12.48	ppb
Molybdenum	95-1	0.72	0.61	0.76	0.69	11.28	ppb
Molybdenum	96-1	0.71	0.69	0.61	0.67	7.52	ppb
Molybdenum	97-1	0.63	0.62	0.57	0.61	5.81	ppb
Molybdenum	98-1	0.68	0.64	0.65	0.65	2.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.81	3.46	3.50	3.59	5.33	ppb
Phosphorus	31-2	-11.34	-15.05	-29.34	-18.57		ppb
Potassium	39-2	4334.96	4427.57	4395.69	4386.07	1.07	ppb
Rhodium	103-1				78		%
Rhodium	103-2				76		%
Scandium	45-1				66		%
Scandium	45-2				60		%
Selenium	77-2	4.19	2.67	2.63	3.16	28.20	ppb
Selenium	78-2	1.08	0.32	0.77	0.73	52.54	ppb
Selenium	82-1	3.77	3.55	3.84	3.72	4.16	ppb
Silicon	28-1	9891.35	9856.44	9999.40	9915.73	0.75	ppb
Silver	109-1	0.06	0.08	0.03	0.06	42.60	ppb
Silver	107-1	0.07	0.04	0.12	0.08	48.10	ppb
Sodium	23-2	87246.51	88856.49	88493.80	88198.93	0.96	ppb
Strontium	86-1	454.75	455.57	449.76	453.36	0.69	ppb
Strontium	88-1	477.03	473.79	474.26	475.03	0.37	ppb
Sulfur	34-1	29953.92	29791.43	30167.01	29970.79	0.63	ppb
Terbium	159-1				93		%
Terbium	159-2				82		%
Thallium	203-1	-0.02	-0.04	-0.04	-0.03		ppb
Thallium	205-1	-0.03	-0.03	-0.04	-0.03		ppb
Thorium	232-1	0.01	0.01	0.00	0.01	48.83	ppb
Tin	118-1	1.21	1.44	1.33	1.33	8.71	ppb
Titanium	47-1	1.22	1.17	1.20	1.20	1.90	ppb
Uranium	238-1	1.22	1.20	1.15	1.19	3.08	ppb
Vanadium	51-2	6.27	6.82	6.56	6.55	4.19	ppb
Yttrium	89-1				80		%
Yttrium	89-2				71		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3756-02	Instrumnet Name :	P7
Client Sample ID :	KY030SW001-SW-19071	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:13:56	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	7.49	7.04	7.29	7.27	3.11	ppb
Zirconium	90-1	0.07	0.03	0.03	0.04	51.27	ppb
Zirconium	91-1	0.06	0.08	0.04	0.06	34.94	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3756-03 Instrumnet Name : P7
 Client Sample ID : KY030SP011-SW-190710 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 18:17:32 DataFile Name : 066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.38	1.33	0.59	1.43	62.54	ppb
Antimony	121-1	0.62	0.61	0.64	0.62	2.50	ppb
Arsenic	75-2	0.95	1.31	1.11	1.12	16.17	ppb
Barium	135-1	66.98	66.97	65.87	66.61	0.96	ppb
Barium	137-1	66.60	66.57	66.18	66.45	0.36	ppb
Beryllium	9-1	0.02	0.01	0.02	0.02	40.11	ppb
Bismuth	209-1				97		%
Bismuth	209-2				83		%
Boron	10-1	244.47	254.15	254.13	250.92	2.23	ppb
Boron	11-1	263.60	267.87	270.25	267.24	1.26	ppb
Cadmium	111-1	-0.09	-0.09	-0.15	-0.11		ppb
Cadmium	106-1	-1.62	-1.36	-2.12	-1.70		ppb
Cadmium	108-1	-0.10	-0.10	-0.10	-0.10		ppb
Calcium	43-1	106974.46	108123.84	108190.49	107762.93	0.63	ppb
Calcium	44-1	111802.71	112648.43	113640.74	112697.29	0.82	ppb
Chromium	52-2	11.04	10.87	11.41	11.11	2.49	ppb
Cobalt	59-2	0.09	0.13	0.12	0.11	15.60	ppb
Copper	63-2	2.07	2.00	2.00	2.02	1.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				83		%
Indium	115-1				86		%
Indium	115-2				75		%
Iron	56-2	5.75	5.53	5.59	5.63	2.03	ppb
Iron	57-2	453.25	471.68	469.09	464.67	2.15	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.12	0.16	0.13	19.61	ppb
Lead	207-1	0.04	0.10	0.09	0.08	45.60	ppb
Lead	208-1	0.11	0.10	0.14	0.12	13.63	ppb
Lithium	6-1				69		%
Magnesium	24-2	8458.23	8366.27	8326.44	8383.65	0.81	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3756-03 Instrumnet Name : P7
 Client Sample ID : KY030SP011-SW-190710 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 18:17:32 DataFile Name : 066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5.18	5.08	5.12	5.13	0.97	ppb
Molybdenum	94-1	0.56	0.40	0.47	0.48	16.74	ppb
Molybdenum	95-1	0.55	0.53	0.50	0.53	4.30	ppb
Molybdenum	96-1	0.52	0.46	0.52	0.50	6.19	ppb
Molybdenum	97-1	0.57	0.48	0.37	0.47	21.27	ppb
Molybdenum	98-1	0.54	0.53	0.51	0.53	2.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.56	0.55	0.73	0.61	16.18	ppb
Phosphorus	31-2	-24.65	-20.75	-16.15	-20.52		ppb
Potassium	39-2	2215.30	2225.55	2234.95	2225.27	0.44	ppb
Rhodium	103-1				80		%
Rhodium	103-2				78		%
Scandium	45-1				68		%
Scandium	45-2				61		%
Selenium	77-2	4.17	1.12	2.58	2.62	58.27	ppb
Selenium	78-2	0.07	-0.49	1.42	0.34	293.62	ppb
Selenium	82-1	3.28	3.54	3.90	3.58	8.74	ppb
Silicon	28-1	8676.70	8795.59	8774.00	8748.76	0.72	ppb
Silver	109-1	0.04	0.05	0.07	0.05	28.15	ppb
Silver	107-1	0.05	0.11	0.05	0.07	49.89	ppb
Sodium	23-2	46484.18	45759.29	45960.18	46067.88	0.81	ppb
Strontium	86-1	446.31	433.33	439.84	439.83	1.48	ppb
Strontium	88-1	456.83	456.49	460.71	458.01	0.51	ppb
Sulfur	34-1	11336.56	11601.31	11363.79	11433.89	1.27	ppb
Terbium	159-1				95		%
Terbium	159-2				83		%
Thallium	203-1	-0.03	-0.04	-0.04	-0.04		ppb
Thallium	205-1	-0.03	-0.04	-0.04	-0.04		ppb
Thorium	232-1	0.00	0.01	0.00	0.00	40.77	ppb
Tin	118-1	1.39	1.30	1.25	1.31	5.46	ppb
Titanium	47-1	0.95	1.10	1.09	1.05	8.04	ppb
Uranium	238-1	1.74	1.66	1.70	1.70	2.42	ppb
Vanadium	51-2	4.48	4.37	4.82	4.56	5.22	ppb
Yttrium	89-1				82		%
Yttrium	89-2				72		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3756-03	Instrumnet Name :	P7
Client Sample ID :	KY030SP011-SW-190710	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:17:32	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	4.87	5.27	4.77	4.97	5.36	ppb
Zirconium	90-1	0.04	0.03	0.01	0.03	41.06	ppb
Zirconium	91-1	0.07	-0.02	0.00	0.02	313.82	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P7
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:27:00	DataFile Name :	067CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48333.16	49013.65	47712.81	48353.21	1.35	ppb
Antimony	121-1	500.57	507.94	511.10	506.54	1.07	ppb
Arsenic	75-2	510.86	506.12	500.44	505.81	1.03	ppb
Barium	135-1	2253.80	2277.82	2281.90	2271.17	0.67	ppb
Barium	137-1	2311.93	2372.10	2381.80	2355.28	1.61	ppb
Beryllium	9-1	466.38	474.32	473.63	471.44	0.93	ppb
Bismuth	209-1				84		%
Bismuth	209-2				79		%
Boron	10-1	450.00	467.05	483.71	466.92	3.61	ppb
Boron	11-1	457.71	474.82	473.67	468.73	2.04	ppb
Cadmium	111-1	457.68	466.08	466.80	463.52	1.09	ppb
Cadmium	106-1	455.44	459.25	454.59	456.43	0.54	ppb
Cadmium	108-1	456.75	460.61	474.03	463.80	1.96	ppb
Calcium	43-1	241019.94	240482.09	240586.56	240696.20	0.12	ppb
Calcium	44-1	243022.02	242396.12	240550.40	241989.51	0.53	ppb
Chromium	52-2	536.04	542.63	527.27	535.31	1.44	ppb
Cobalt	59-2	535.87	540.04	526.52	534.14	1.30	ppb
Copper	63-2	1138.62	1158.29	1123.28	1140.06	1.54	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				87		%
Holmium	165-2				86		%
Indium	115-1				78		%
Indium	115-2				77		%
Iron	56-2	134510.34	134791.82	130221.42	133174.53	1.92	ppb
Iron	57-2	134908.77	134826.20	130628.29	133454.42	1.83	ppb
Krypton	83-1						cps
Lead	206-1	479.68	481.29	483.39	481.46	0.39	ppb
Lead	207-1	498.00	486.72	489.63	491.45	1.19	ppb
Lead	208-1	497.21	495.81	496.35	496.46	0.14	ppb
Lithium	6-1				68		%
Magnesium	24-2	239438.79	240188.08	233721.62	237782.83	1.49	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P7
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:27:00	DataFile Name :	067CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1042.48	1057.45	1037.95	1045.96	0.98	ppb
Molybdenum	94-1	2373.81	2423.89	2431.82	2409.84	1.31	ppb
Molybdenum	95-1	2328.59	2364.31	2367.56	2353.49	0.92	ppb
Molybdenum	96-1	2347.02	2373.74	2410.54	2377.10	1.34	ppb
Molybdenum	97-1	2336.81	2387.60	2384.15	2369.52	1.20	ppb
Molybdenum	98-1	2345.55	2387.41	2401.79	2378.25	1.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	535.43	541.43	526.94	534.60	1.36	ppb
Phosphorus	31-2	9098.84	9093.30	9119.66	9103.93	0.15	ppb
Potassium	39-2	117448.12	119277.98	116110.29	117612.13	1.35	ppb
Rhodium	103-1				72		%
Rhodium	103-2				75		%
Scandium	45-1				67		%
Scandium	45-2				65		%
Selenium	77-2	476.82	512.57	497.01	495.47	3.62	ppb
Selenium	78-2	471.80	466.96	464.48	467.75	0.80	ppb
Selenium	82-1	467.22	472.33	472.43	470.66	0.63	ppb
Silicon	28-1	502.14	521.31	535.04	519.50	3.18	ppb
Silver	109-1	446.67	456.06	467.70	456.81	2.31	ppb
Silver	107-1	455.00	458.94	448.08	454.00	1.21	ppb
Sodium	23-2	241536.38	243256.65	234908.20	239900.41	1.84	ppb
Strontium	86-1	476.10	489.33	478.58	481.34	1.46	ppb
Strontium	88-1	494.01	500.72	500.38	498.37	0.76	ppb
Sulfur	34-1	10746.13	10628.79	10715.63	10696.85	0.57	ppb
Terbium	159-1				88		%
Terbium	159-2				86		%
Thallium	203-1	475.42	467.63	475.84	472.96	0.98	ppb
Thallium	205-1	505.71	496.93	501.28	501.31	0.88	ppb
Thorium	232-1	532.81	535.80	537.07	535.22	0.41	ppb
Tin	118-1	442.91	447.03	450.36	446.77	0.83	ppb
Titanium	47-1	2300.86	2315.06	2280.08	2298.67	0.77	ppb
Uranium	238-1	536.71	544.28	541.82	540.94	0.71	ppb
Vanadium	51-2	528.88	533.40	519.92	527.40	1.30	ppb
Yttrium	89-1				77		%
Yttrium	89-2				77		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P7
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:27:00	DataFile Name :	067CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1084.91	1099.10	1074.00	1086.01	1.16	ppb
Zirconium	90-1	495.02	500.88	496.31	497.40	0.62	ppb
Zirconium	91-1	482.36	492.75	487.38	487.50	1.07	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : CCB09 Instrumnet Name : P7
 Client Sample ID : CCB09 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 18:31:20 DataFile Name : 068CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.25	2.12	2.14	2.51	25.87	ppb
Antimony	121-1	0.18	0.18	0.22	0.20	9.54	ppb
Arsenic	75-2	-0.04	-0.02	0.05	0.00		ppb
Barium	135-1	0.09	0.10	0.12	0.10	13.09	ppb
Barium	137-1	0.07	0.02	0.07	0.06	48.18	ppb
Beryllium	9-1	0.10	0.04	0.06	0.06	49.60	ppb
Bismuth	209-1				96		%
Bismuth	209-2				89		%
Boron	10-1	17.37	15.59	15.97	16.31	5.74	ppb
Boron	11-1	18.93	17.10	16.91	17.65	6.33	ppb
Cadmium	111-1	0.04	-0.12	-0.05	-0.04		ppb
Cadmium	106-1	-0.10	-1.77	-1.25	-1.04		ppb
Cadmium	108-1	-0.10	-0.02	-0.10	-0.07		ppb
Calcium	43-1	12.39	5.88	5.42	7.90	49.31	ppb
Calcium	44-1	9.40	8.40	8.88	8.89	5.63	ppb
Chromium	52-2	-0.03	0.02	0.01	0.00		ppb
Cobalt	59-2	0.02	0.01	0.02	0.02	30.12	ppb
Copper	63-2	0.18	0.20	0.16	0.18	11.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				87		%
Indium	115-1				85		%
Indium	115-2				82		%
Iron	56-2	4.62	4.45	4.88	4.65	4.65	ppb
Iron	57-2	2.67	3.09	1.66	2.47	29.82	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.03	0.09	0.05	61.91	ppb
Lead	207-1	0.02	0.02	0.00	0.01	83.89	ppb
Lead	208-1	0.04	0.03	0.04	0.04	19.47	ppb
Lithium	6-1				73		%
Magnesium	24-2	7.28	7.53	7.68	7.50	2.66	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P7
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:31:20	DataFile Name :	068CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	0.00	0.03	0.02	100.37	ppb
Molybdenum	94-1	0.25	0.23	0.28	0.25	9.78	ppb
Molybdenum	95-1	0.27	0.27	0.25	0.27	4.21	ppb
Molybdenum	96-1	0.27	0.27	0.26	0.26	2.39	ppb
Molybdenum	97-1	0.21	0.25	0.25	0.24	9.97	ppb
Molybdenum	98-1	0.28	0.27	0.19	0.25	20.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.05	0.03	0.04	39.76	ppb
Phosphorus	31-2	-31.30	-18.93	-10.51	-20.25		ppb
Potassium	39-2	-5.57	-8.28	-7.34	-7.06		ppb
Rhodium	103-1				82		%
Rhodium	103-2				83		%
Scandium	45-1				71		%
Scandium	45-2				66		%
Selenium	77-2	-0.36	-0.36	-0.36	-0.36		ppb
Selenium	78-2	-1.80	-0.67	0.88	-0.53		ppb
Selenium	82-1	-0.42	0.44	-0.11	-0.03		ppb
Silicon	28-1	-1.56	-2.06	-1.68	-1.77		ppb
Silver	109-1	0.03	0.03	0.04	0.04	18.98	ppb
Silver	107-1	0.06	0.06	0.03	0.05	28.74	ppb
Sodium	23-2	24.66	23.84	24.18	24.23	1.68	ppb
Strontium	86-1	-0.01	-0.12	0.00	-0.04		ppb
Strontium	88-1	0.02	0.02	0.02	0.02	3.91	ppb
Sulfur	34-1	226.32	-32.49	74.86	89.57	145.18	ppb
Terbium	159-1				92		%
Terbium	159-2				87		%
Thallium	203-1	0.06	0.06	0.03	0.05	41.14	ppb
Thallium	205-1	0.04	0.05	0.03	0.04	27.04	ppb
Thorium	232-1	0.07	0.07	0.06	0.06	12.60	ppb
Tin	118-1	0.08	0.08	0.03	0.07	44.16	ppb
Titanium	47-1	0.11	0.08	0.15	0.11	31.79	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	25.32	ppb
Vanadium	51-2	0.01	0.02	0.03	0.02	69.04	ppb
Yttrium	89-1				81		%
Yttrium	89-2				78		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P7
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:31:20	DataFile Name :	068CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.09	0.12	0.50	0.24	95.58	ppb
Zirconium	90-1	0.04	0.00	0.04	0.03	79.39	ppb
Zirconium	91-1	0.04	0.04	0.00	0.03	98.39	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3756-04 Instrumnet Name : P7
 Client Sample ID : KY030SP003-SW-19071 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 18:34:59 DataFile Name : 069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	177.89	187.91	175.55	180.45	3.64	ppb
Antimony	121-1	1.07	0.85	0.91	0.94	11.74	ppb
Arsenic	75-2	0.87	0.71	1.01	0.86	16.91	ppb
Barium	135-1	85.84	85.74	84.16	85.25	1.10	ppb
Barium	137-1	88.06	86.96	85.71	86.91	1.35	ppb
Beryllium	9-1	0.06	0.04	0.04	0.05	16.23	ppb
Bismuth	209-1				94		%
Bismuth	209-2				82		%
Boron	10-1	171.73	179.49	179.97	177.07	2.61	ppb
Boron	11-1	183.74	184.83	190.26	186.27	1.87	ppb
Cadmium	111-1	0.13	-0.21	-0.20	-0.10		ppb
Cadmium	106-1	0.07	-3.46	-3.46	-2.28		ppb
Cadmium	108-1	-0.10	0.06	0.06	0.01	1104.75	ppb
Calcium	43-1	111382.14	111926.77	111112.84	111473.92	0.37	ppb
Calcium	44-1	114770.77	115919.68	115661.76	115450.74	0.52	ppb
Chromium	52-2	3.97	4.19	3.95	4.04	3.32	ppb
Cobalt	59-2	0.12	0.25	0.20	0.19	33.24	ppb
Copper	63-2	2.64	2.76	2.76	2.72	2.54	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				91		%
Holmium	165-2				83		%
Indium	115-1				83		%
Indium	115-2				75		%
Iron	56-2	26.76	26.81	27.11	26.89	0.70	ppb
Iron	57-2	505.62	522.20	503.91	510.58	1.98	ppb
Krypton	83-1						cps
Lead	206-1	0.37	0.26	0.30	0.31	17.63	ppb
Lead	207-1	0.28	0.26	0.30	0.28	6.72	ppb
Lead	208-1	0.35	0.28	0.31	0.31	11.13	ppb
Lithium	6-1				72		%
Magnesium	24-2	10152.57	10321.91	10266.13	10246.87	0.84	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3756-04 Instrumnet Name : P7
 Client Sample ID : KY030SP003-SW-19071 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 18:34:59 DataFile Name : 069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.40	7.03	7.23	7.22	2.56	ppb
Molybdenum	94-1	0.92	0.92	0.83	0.89	5.53	ppb
Molybdenum	95-1	0.98	0.82	0.79	0.86	11.70	ppb
Molybdenum	96-1	1.03	0.98	0.87	0.96	8.66	ppb
Molybdenum	97-1	1.11	0.96	1.00	1.02	7.78	ppb
Molybdenum	98-1	0.89	0.91	0.95	0.92	3.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.17	2.07	2.25	2.16	4.22	ppb
Phosphorus	31-2	5.18	-11.58	27.74	7.11	277.48	ppb
Potassium	39-2	2213.68	2234.32	2233.67	2227.22	0.53	ppb
Rhodium	103-1				78		%
Rhodium	103-2				78		%
Scandium	45-1				68		%
Scandium	45-2				61		%
Selenium	77-2	2.58	4.10	2.55	3.07	28.87	ppb
Selenium	78-2	-0.02	0.51	-1.72	-0.41		ppb
Selenium	82-1	2.01	2.44	1.79	2.08	16.00	ppb
Silicon	28-1	9288.68	9439.70	9367.86	9365.41	0.81	ppb
Silver	109-1	0.19	0.18	0.13	0.17	19.93	ppb
Silver	107-1	0.23	0.24	0.15	0.21	24.72	ppb
Sodium	23-2	28065.58	28147.85	28019.06	28077.50	0.23	ppb
Strontium	86-1	523.15	526.42	521.23	523.60	0.50	ppb
Strontium	88-1	548.39	544.55	547.97	546.97	0.39	ppb
Sulfur	34-1	8191.00	7966.46	7647.87	7935.11	3.44	ppb
Terbium	159-1				92		%
Terbium	159-2				84		%
Thallium	203-1	0.13	0.09	0.04	0.09	53.78	ppb
Thallium	205-1	0.14	0.07	0.06	0.09	44.45	ppb
Thorium	232-1	0.07	0.05	0.06	0.06	12.34	ppb
Tin	118-1	1.36	1.32	1.42	1.37	3.87	ppb
Titanium	47-1	1.25	1.24	1.50	1.33	11.17	ppb
Uranium	238-1	1.79	1.82	1.89	1.83	2.86	ppb
Vanadium	51-2	3.93	4.04	3.93	3.97	1.60	ppb
Yttrium	89-1				79		%
Yttrium	89-2				73		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3756-04	Instrumnet Name :	P7
Client Sample ID :	KY030SP003-SW-19071	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:34:59	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	153.96	159.31	160.38	157.89	2.18	ppb
Zirconium	90-1	0.11	0.09	0.10	0.10	8.16	ppb
Zirconium	91-1	0.21	0.10	0.11	0.14	43.23	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3757-04	Instrumnet Name :	P7
Client Sample ID :	EB-02-190710	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:38:35	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.19	0.24	0.89	0.31	172.58	ppb
Antimony	121-1	0.04	0.04	0.03	0.04	9.56	ppb
Arsenic	75-2	-0.02	-0.02	-0.02	-0.02		ppb
Barium	135-1	0.05	0.07	0.07	0.06	12.51	ppb
Barium	137-1	0.05	0.04	0.04	0.04	16.20	ppb
Beryllium	9-1	0.02	0.05	0.01	0.03	63.95	ppb
Bismuth	209-1				108		%
Bismuth	209-2				95		%
Boron	10-1	11.21	10.61	11.03	10.95	2.78	ppb
Boron	11-1	11.61	10.66	10.69	10.98	4.91	ppb
Cadmium	111-1	-0.01	-0.11	-0.21	-0.11		ppb
Cadmium	106-1	-0.36	-1.49	-2.79	-1.55		ppb
Cadmium	108-1	0.05	-0.10	0.05	0.00		ppb
Calcium	43-1	108.00	98.26	89.61	98.62	9.33	ppb
Calcium	44-1	92.32	97.30	92.67	94.10	2.95	ppb
Chromium	52-2	-0.03	0.02	0.06	0.02	263.71	ppb
Cobalt	59-2	0.00	0.01	-0.01	0.00		ppb
Copper	63-2	0.34	0.28	0.27	0.30	12.99	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				93		%
Indium	115-1				95		%
Indium	115-2				87		%
Iron	56-2	0.64	0.38	0.33	0.45	37.22	ppb
Iron	57-2	2.96	-1.97	-0.92	0.02	11602.38	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.04	0.03	16.65	ppb
Lead	207-1	0.00	0.00	0.03	0.01	180.31	ppb
Lead	208-1	0.02	0.02	0.03	0.02	27.28	ppb
Lithium	6-1				81		%
Magnesium	24-2	6.23	6.08	6.66	6.32	4.75	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3757-04	Instrumnet Name :	P7
Client Sample ID :	EB-02-190710	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:38:35	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.06	0.07	0.04	0.06	23.65	ppb
Molybdenum	94-1	0.02	0.00	0.06	0.02	117.65	ppb
Molybdenum	95-1	0.02	0.01	0.01	0.01	59.64	ppb
Molybdenum	96-1	-0.01	0.04	0.01	0.02	145.96	ppb
Molybdenum	97-1	0.02	0.00	0.01	0.01	143.18	ppb
Molybdenum	98-1	0.03	0.01	0.02	0.02	28.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.11	0.04	0.11	0.08	48.83	ppb
Phosphorus	31-2	-43.89	-32.45	-28.59	-34.98		ppb
Potassium	39-2	-8.97	-13.51	-10.77	-11.08		ppb
Rhodium	103-1				91		%
Rhodium	103-2				89		%
Scandium	45-1				78		%
Scandium	45-2				70		%
Selenium	77-2	-0.36	-0.36	0.94	0.08	993.57	ppb
Selenium	78-2	-2.72	-0.42	-2.30	-1.81		ppb
Selenium	82-1	-0.05	-0.43	0.18	-0.10		ppb
Silicon	28-1	2.54	2.01	2.04	2.20	13.53	ppb
Silver	109-1	0.04	0.02	0.02	0.03	48.39	ppb
Silver	107-1	-0.01	0.02	0.03	0.02	128.76	ppb
Sodium	23-2	65.07	65.68	62.73	64.50	2.42	ppb
Strontium	86-1	0.32	0.25	0.39	0.32	22.14	ppb
Strontium	88-1	0.39	0.37	0.33	0.36	8.08	ppb
Sulfur	34-1	-962.19	-862.53	-788.52	-871.08		ppb
Terbium	159-1				102		%
Terbium	159-2				93		%
Thallium	203-1	-0.04	-0.03	-0.03	-0.03		ppb
Thallium	205-1	-0.04	-0.03	-0.04	-0.04		ppb
Thorium	232-1	0.00	0.00	0.00	0.00	34.25	ppb
Tin	118-1	0.00	-0.02	0.00	-0.01		ppb
Titanium	47-1	0.08	-0.02	0.09	0.05	116.53	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.03	0.02	0.02	63.15	ppb
Yttrium	89-1				90		%
Yttrium	89-2				83		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3757-04	Instrumnet Name :	P7
Client Sample ID :	EB-02-190710	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:38:35	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.79	0.78	1.10	0.89	20.40	ppb
Zirconium	90-1	0.01	0.00	-0.02	0.00		ppb
Zirconium	91-1	-0.02	0.01	-0.01	-0.01		ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-02	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0961	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:42:12	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.45	18.11	14.51	14.02	31.00	ppb
Antimony	121-1	0.64	0.46	0.59	0.56	16.66	ppb
Arsenic	75-2	12.24	13.37	11.21	12.27	8.77	ppb
Barium	135-1	138.88	140.53	139.52	139.64	0.59	ppb
Barium	137-1	141.25	142.64	141.59	141.82	0.51	ppb
Beryllium	9-1	0.04	0.01	0.02	0.02	56.01	ppb
Bismuth	209-1				98		%
Bismuth	209-2				79		%
Boron	10-1	43.42	44.74	43.53	43.90	1.66	ppb
Boron	11-1	44.40	44.52	45.01	44.64	0.73	ppb
Cadmium	111-1	-0.07	-0.05	-0.11	-0.08		ppb
Cadmium	106-1	-1.35	-1.22	-2.10	-1.56		ppb
Cadmium	108-1	0.06	-0.10	-0.02	-0.02		ppb
Calcium	43-1	155252.89	159096.89	157064.36	157138.05	1.22	ppb
Calcium	44-1	161252.17	167265.48	165553.01	164690.22	1.88	ppb
Chromium	52-2	1.80	1.97	1.78	1.85	5.80	ppb
Cobalt	59-2	1.97	2.09	1.93	1.99	4.11	ppb
Copper	63-2	2.33	2.58	2.45	2.45	5.06	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				95		%
Holmium	165-2				81		%
Indium	115-1				86		%
Indium	115-2				71		%
Iron	56-2	12744.49	13779.14	12219.54	12914.39	6.14	ppb
Iron	57-2	13539.57	14703.55	13138.75	13793.96	5.89	ppb
Krypton	83-1						cps
Lead	206-1	0.26	0.23	0.19	0.23	15.45	ppb
Lead	207-1	0.17	0.17	0.16	0.17	2.39	ppb
Lead	208-1	0.23	0.18	0.19	0.20	13.73	ppb
Lithium	6-1				73		%
Magnesium	24-2	12571.07	13816.20	12274.81	12887.36	6.35	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-02	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0961	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:42:12	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2136.82	2341.15	2092.65	2190.21	6.05	ppb
Molybdenum	94-1	1.05	1.05	1.06	1.05	0.75	ppb
Molybdenum	95-1	0.13	0.21	0.22	0.18	26.21	ppb
Molybdenum	96-1	0.43	0.34	0.36	0.38	13.37	ppb
Molybdenum	97-1	0.20	0.27	0.20	0.22	17.42	ppb
Molybdenum	98-1	0.23	0.21	0.21	0.22	4.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.65	4.77	3.91	4.11	14.36	ppb
Phosphorus	31-2	-10.13	-6.77	-2.20	-6.37		ppb
Potassium	39-2	2335.81	2568.48	2277.99	2394.10	6.42	ppb
Rhodium	103-1				80		%
Rhodium	103-2				74		%
Scandium	45-1				69		%
Scandium	45-2				58		%
Selenium	77-2	2.78	4.60	-0.36	2.34	107.00	ppb
Selenium	78-2	-0.57	-1.79	-1.22	-1.20		ppb
Selenium	82-1	0.46	0.27	-0.16	0.19	164.82	ppb
Silicon	28-1	6704.72	6896.87	6847.74	6816.45	1.46	ppb
Silver	109-1	0.06	0.09	0.07	0.07	23.34	ppb
Silver	107-1	0.14	0.03	0.06	0.08	72.30	ppb
Sodium	23-2	6789.83	7519.31	6736.79	7015.31	6.23	ppb
Strontium	86-1	890.45	912.73	887.44	896.87	1.54	ppb
Strontium	88-1	927.18	942.05	926.75	931.99	0.94	ppb
Sulfur	34-1	-271.45	-275.78	-358.60	-301.95		ppb
Terbium	159-1				95		%
Terbium	159-2				80		%
Thallium	203-1	-0.02	-0.03	-0.03	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Thorium	232-1	0.02	0.03	0.02	0.02	22.95	ppb
Tin	118-1	0.90	0.88	0.92	0.90	2.34	ppb
Titanium	47-1	1.81	1.64	2.24	1.89	16.27	ppb
Uranium	238-1	0.60	0.64	0.60	0.61	4.07	ppb
Vanadium	51-2	0.42	0.47	0.40	0.43	7.83	ppb
Yttrium	89-1				82		%
Yttrium	89-2				68		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-02	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0961	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:42:12	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	14.32	14.38	12.78	13.83	6.54	ppb
Zirconium	90-1	0.62	0.60	0.59	0.60	2.21	ppb
Zirconium	91-1	0.61	0.59	0.57	0.59	3.63	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-03	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0961-9001	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:45:48	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.96	19.41	13.61	15.99	18.98	ppb
Antimony	121-1	0.56	0.55	0.51	0.54	4.67	ppb
Arsenic	75-2	11.72	11.95	12.36	12.01	2.70	ppb
Barium	135-1	149.89	147.08	144.00	146.99	2.00	ppb
Barium	137-1	149.43	146.48	144.96	146.96	1.55	ppb
Beryllium	9-1	0.05	0.03	0.03	0.04	33.43	ppb
Bismuth	209-1				95		%
Bismuth	209-2				83		%
Boron	10-1	39.77	44.62	44.95	43.11	6.72	ppb
Boron	11-1	44.45	44.65	44.07	44.39	0.66	ppb
Cadmium	111-1	0.03	-0.08	-0.18	-0.08		ppb
Cadmium	106-1	-0.25	-1.14	-2.42	-1.27		ppb
Cadmium	108-1	-0.02	0.22	0.14	0.11	106.10	ppb
Calcium	43-1	165908.00	165020.28	163869.12	164932.47	0.62	ppb
Calcium	44-1	172809.72	173733.20	173159.18	173234.03	0.27	ppb
Chromium	52-2	1.77	1.78	1.81	1.79	1.30	ppb
Cobalt	59-2	1.88	1.84	1.93	1.89	2.31	ppb
Copper	63-2	2.26	2.41	2.36	2.34	3.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				84		%
Indium	115-1				84		%
Indium	115-2				75		%
Iron	56-2	12161.10	12148.11	11974.86	12094.69	0.86	ppb
Iron	57-2	12913.15	13084.90	12941.76	12979.94	0.71	ppb
Krypton	83-1						cps
Lead	206-1	0.28	0.25	0.22	0.25	10.63	ppb
Lead	207-1	0.20	0.21	0.21	0.21	1.90	ppb
Lead	208-1	0.21	0.23	0.20	0.21	6.84	ppb
Lithium	6-1				70		%
Magnesium	24-2	12146.66	12318.67	12184.57	12216.63	0.74	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-03	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0961-9001	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:45:48	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2056.53	2062.11	2040.44	2053.03	0.55	ppb
Molybdenum	94-1	1.02	1.09	1.02	1.05	3.97	ppb
Molybdenum	95-1	0.25	0.18	0.17	0.20	21.20	ppb
Molybdenum	96-1	0.34	0.40	0.40	0.38	8.71	ppb
Molybdenum	97-1	0.28	0.21	0.16	0.22	26.92	ppb
Molybdenum	98-1	0.23	0.20	0.19	0.21	9.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.77	3.67	3.75	3.73	1.45	ppb
Phosphorus	31-2	-29.25	-29.05	-29.38	-29.22		ppb
Potassium	39-2	2208.79	2248.07	2233.73	2230.20	0.89	ppb
Rhodium	103-1				78		%
Rhodium	103-2				78		%
Scandium	45-1				66		%
Scandium	45-2				60		%
Selenium	77-2	2.63	-0.36	-0.36	0.64	269.38	ppb
Selenium	78-2	-1.68	-2.16	0.25	-1.20		ppb
Selenium	82-1	0.13	0.67	-0.25	0.18	249.93	ppb
Silicon	28-1	7204.42	7154.31	7184.73	7181.15	0.35	ppb
Silver	109-1	0.06	0.07	0.05	0.06	15.71	ppb
Silver	107-1	0.05	-0.03	0.09	0.04	172.04	ppb
Sodium	23-2	6680.11	6661.86	6607.56	6649.84	0.57	ppb
Strontium	86-1	953.37	934.53	915.02	934.30	2.05	ppb
Strontium	88-1	980.47	983.76	972.65	978.96	0.58	ppb
Sulfur	34-1	264.14	-46.58	-193.13	8.14	2867.67	ppb
Terbium	159-1				93		%
Terbium	159-2				84		%
Thallium	203-1	-0.03	-0.02	-0.03	-0.03		ppb
Thallium	205-1	-0.04	-0.04	-0.04	-0.04		ppb
Thorium	232-1	0.02	0.02	0.02	0.02	10.09	ppb
Tin	118-1	0.94	0.93	0.76	0.88	11.95	ppb
Titanium	47-1	2.49	2.59	2.52	2.53	1.91	ppb
Uranium	238-1	0.65	0.60	0.60	0.62	4.80	ppb
Vanadium	51-2	0.51	0.49	0.37	0.46	16.64	ppb
Yttrium	89-1				80		%
Yttrium	89-2				71		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-03	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0961-9001	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:45:48	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	16.76	16.23	16.08	16.36	2.17	ppb
Zirconium	90-1	0.61	0.66	0.64	0.64	3.98	ppb
Zirconium	91-1	0.62	0.59	0.68	0.63	6.72	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-04	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:49:25	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.39	24.54	22.87	23.60	3.63	ppb
Antimony	121-1	0.57	0.52	0.60	0.56	7.29	ppb
Arsenic	75-2	24.45	26.39	26.69	25.85	4.70	ppb
Barium	135-1	168.34	162.64	168.88	166.62	2.08	ppb
Barium	137-1	172.36	166.16	165.64	168.06	2.23	ppb
Beryllium	9-1	0.04	0.08	0.05	0.06	42.80	ppb
Bismuth	209-1				97		%
Bismuth	209-2				83		%
Boron	10-1	31.40	28.32	31.10	30.27	5.62	ppb
Boron	11-1	31.92	29.55	30.77	30.75	3.85	ppb
Cadmium	111-1	-0.15	-0.09	-0.17	-0.14		ppb
Cadmium	106-1	-3.13	-2.20	-2.37	-2.57		ppb
Cadmium	108-1	0.06	-0.02	0.37	0.14	151.27	ppb
Calcium	43-1	167837.31	162698.34	169655.15	166730.27	2.16	ppb
Calcium	44-1	176071.46	170583.82	178997.02	175217.44	2.44	ppb
Chromium	52-2	1.67	1.68	1.82	1.72	4.78	ppb
Cobalt	59-2	5.93	6.01	6.15	6.03	1.92	ppb
Copper	63-2	2.84	2.75	3.12	2.90	6.70	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				84		%
Indium	115-1				85		%
Indium	115-2				74		%
Iron	56-2	12864.50	12787.06	12815.59	12822.38	0.31	ppb
Iron	57-2	13602.87	13656.05	13742.52	13667.15	0.52	ppb
Krypton	83-1						cps
Lead	206-1	0.29	0.25	0.27	0.27	8.14	ppb
Lead	207-1	0.17	0.16	0.22	0.19	17.62	ppb
Lead	208-1	0.25	0.21	0.23	0.23	7.78	ppb
Lithium	6-1				70		%
Magnesium	24-2	18359.30	18073.89	18376.04	18269.74	0.93	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-04	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:49:25	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2548.40	2562.02	2581.49	2563.97	0.65	ppb
Molybdenum	94-1	1.79	1.50	1.65	1.65	8.79	ppb
Molybdenum	95-1	0.53	0.42	0.43	0.46	13.38	ppb
Molybdenum	96-1	0.74	0.67	0.74	0.72	5.75	ppb
Molybdenum	97-1	0.57	0.48	0.48	0.51	9.65	ppb
Molybdenum	98-1	0.52	0.45	0.49	0.48	7.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.48	5.79	5.98	5.75	4.38	ppb
Phosphorus	31-2	-24.63	-6.85	-11.17	-14.22		ppb
Potassium	39-2	1850.74	1833.56	1863.75	1849.35	0.82	ppb
Rhodium	103-1				79		%
Rhodium	103-2				77		%
Scandium	45-1				68		%
Scandium	45-2				60		%
Selenium	77-2	-0.36	2.62	-0.36	0.64	270.14	ppb
Selenium	78-2	-1.44	-0.22	-1.45	-1.04		ppb
Selenium	82-1	0.55	-0.22	0.31	0.21	184.45	ppb
Silicon	28-1	8115.49	7767.33	8179.70	8020.84	2.77	ppb
Silver	109-1	0.04	0.05	0.09	0.06	50.58	ppb
Silver	107-1	0.06	0.06	0.01	0.04	59.00	ppb
Sodium	23-2	3567.80	3507.96	3575.61	3550.46	1.04	ppb
Strontium	86-1	1028.26	983.35	1003.58	1005.07	2.24	ppb
Strontium	88-1	1083.10	1034.85	1082.90	1066.95	2.61	ppb
Sulfur	34-1	5600.29	4886.28	5680.85	5389.14	8.12	ppb
Terbium	159-1				94		%
Terbium	159-2				84		%
Thallium	203-1	-0.04	-0.03	-0.04	-0.04		ppb
Thallium	205-1	-0.03	-0.05	-0.04	-0.04		ppb
Thorium	232-1	0.01	0.02	0.02	0.02	25.19	ppb
Tin	118-1	0.77	0.87	1.03	0.89	14.97	ppb
Titanium	47-1	1.98	2.00	2.00	1.99	0.46	ppb
Uranium	238-1	1.38	1.30	1.24	1.31	5.28	ppb
Vanadium	51-2	0.48	0.56	0.49	0.51	8.59	ppb
Yttrium	89-1				81		%
Yttrium	89-2				72		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-04	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:49:25	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	14.20	16.09	15.30	15.20	6.26	ppb
Zirconium	90-1	1.06	0.92	1.05	1.01	7.95	ppb
Zirconium	91-1	1.23	0.97	1.12	1.11	11.67	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-04DUP	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:53:01	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26.57	19.90	23.46	23.31	14.34	ppb
Antimony	121-1	0.53	0.54	0.57	0.54	3.61	ppb
Arsenic	75-2	26.46	27.33	25.41	26.40	3.65	ppb
Barium	135-1	172.32	168.84	166.16	169.10	1.83	ppb
Barium	137-1	172.08	171.82	173.33	172.41	0.47	ppb
Beryllium	9-1	0.02	0.03	0.04	0.03	45.67	ppb
Bismuth	209-1				95		%
Bismuth	209-2				84		%
Boron	10-1	29.10	29.96	26.85	28.63	5.61	ppb
Boron	11-1	30.75	30.21	29.89	30.28	1.45	ppb
Cadmium	111-1	-0.28	-0.25	0.01	-0.17		ppb
Cadmium	106-1	-4.14	-3.28	-0.44	-2.62		ppb
Cadmium	108-1	0.46	0.22	0.30	0.33	37.59	ppb
Calcium	43-1	171478.25	170079.83	169545.99	170368.02	0.59	ppb
Calcium	44-1	178302.29	178708.00	181180.24	179396.84	0.87	ppb
Chromium	52-2	1.65	1.72	1.77	1.71	3.74	ppb
Cobalt	59-2	5.78	6.03	6.00	5.94	2.31	ppb
Copper	63-2	3.06	3.14	3.10	3.10	1.34	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				85		%
Indium	115-1				84		%
Indium	115-2				76		%
Iron	56-2	12863.02	12794.02	12401.15	12686.07	1.96	ppb
Iron	57-2	13551.38	13542.97	13299.54	13464.63	1.06	ppb
Krypton	83-1						cps
Lead	206-1	0.27	0.30	0.26	0.28	8.12	ppb
Lead	207-1	0.31	0.25	0.25	0.27	12.77	ppb
Lead	208-1	0.27	0.25	0.25	0.26	2.89	ppb
Lithium	6-1				68		%
Magnesium	24-2	18075.33	17966.89	17532.38	17858.20	1.61	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-04DUP	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:53:01	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2563.49	2548.87	2504.19	2538.85	1.22	ppb
Molybdenum	94-1	1.93	1.70	1.83	1.82	6.46	ppb
Molybdenum	95-1	0.55	0.47	0.45	0.49	10.32	ppb
Molybdenum	96-1	0.76	0.66	0.89	0.77	14.48	ppb
Molybdenum	97-1	0.60	0.48	0.51	0.53	12.30	ppb
Molybdenum	98-1	0.55	0.44	0.52	0.50	11.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.41	5.98	4.85	5.41	10.49	ppb
Phosphorus	31-2	-1.87	-15.55	-34.14	-17.19		ppb
Potassium	39-2	1811.68	1858.00	1785.06	1818.24	2.03	ppb
Rhodium	103-1				79		%
Rhodium	103-2				78		%
Scandium	45-1				66		%
Scandium	45-2				60		%
Selenium	77-2	2.61	1.14	2.51	2.09	39.32	ppb
Selenium	78-2	-0.96	-0.44	-1.50	-0.97		ppb
Selenium	82-1	0.78	0.61	0.24	0.55	50.52	ppb
Silicon	28-1	8155.37	8101.46	8114.93	8123.92	0.35	ppb
Silver	109-1	0.04	0.06	0.07	0.06	21.17	ppb
Silver	107-1	0.06	0.01	0.03	0.04	64.56	ppb
Sodium	23-2	3535.76	3494.93	3428.46	3486.38	1.55	ppb
Strontium	86-1	1049.89	1034.76	1044.92	1043.19	0.74	ppb
Strontium	88-1	1090.25	1087.56	1089.91	1089.24	0.13	ppb
Sulfur	34-1	5626.66	5533.93	5477.72	5546.10	1.36	ppb
Terbium	159-1				93		%
Terbium	159-2				84		%
Thallium	203-1	-0.05	-0.04	-0.04	-0.04		ppb
Thallium	205-1	-0.04	-0.05	-0.04	-0.04		ppb
Thorium	232-1	0.02	0.02	0.02	0.02	12.96	ppb
Tin	118-1	0.78	0.74	0.92	0.82	11.56	ppb
Titanium	47-1	2.47	2.16	2.26	2.30	6.83	ppb
Uranium	238-1	1.40	1.35	1.30	1.35	3.86	ppb
Vanadium	51-2	0.49	0.45	0.50	0.48	6.00	ppb
Yttrium	89-1				80		%
Yttrium	89-2				73		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-04DUP	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:53:01	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	15.88	14.98	14.81	15.22	3.79	ppb
Zirconium	90-1	1.11	1.01	1.01	1.04	5.37	ppb
Zirconium	91-1	1.06	0.93	1.02	1.00	6.60	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-04LX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 18:56:38	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.57	4.50	4.78	4.62	3.16	ppb
Antimony	121-1	0.21	0.20	0.18	0.20	7.10	ppb
Arsenic	75-2	4.91	4.95	4.51	4.79	4.99	ppb
Barium	135-1	34.14	34.82	32.59	33.85	3.38	ppb
Barium	137-1	33.66	32.40	33.37	33.14	2.00	ppb
Beryllium	9-1	0.03	0.02	-0.01	0.01	144.99	ppb
Bismuth	209-1				103		%
Bismuth	209-2				90		%
Boron	10-1	7.77	8.13	8.56	8.15	4.85	ppb
Boron	11-1	8.30	9.02	8.24	8.52	5.13	ppb
Cadmium	111-1	-0.08	-0.20	-0.19	-0.16		ppb
Cadmium	106-1	-0.87	-2.67	-2.13	-1.89		ppb
Cadmium	108-1	0.13	-0.10	0.21	0.08	202.24	ppb
Calcium	43-1	33970.68	33606.73	34796.67	34124.69	1.79	ppb
Calcium	44-1	34825.27	34630.95	35783.12	35079.78	1.76	ppb
Chromium	52-2	0.34	0.24	0.35	0.31	19.91	ppb
Cobalt	59-2	1.13	1.16	1.18	1.16	2.26	ppb
Copper	63-2	0.67	0.77	0.74	0.73	7.32	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				97		%
Holmium	165-2				88		%
Indium	115-1				90		%
Indium	115-2				81		%
Iron	56-2	2630.26	2627.07	2649.38	2635.57	0.46	ppb
Iron	57-2	2796.93	2782.81	2771.13	2783.62	0.46	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.07	0.04	0.06	25.21	ppb
Lead	207-1	0.01	0.04	0.00	0.02	123.89	ppb
Lead	208-1	0.03	0.05	0.03	0.04	36.64	ppb
Lithium	6-1				73		%
Magnesium	24-2	3626.11	3632.10	3614.49	3624.23	0.25	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-04LX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 18:56:38	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	509.93	509.63	514.71	511.42	0.56	ppb
Molybdenum	94-1	0.27	0.36	0.34	0.32	13.61	ppb
Molybdenum	95-1	0.10	0.07	0.10	0.09	15.39	ppb
Molybdenum	96-1	0.12	0.13	0.13	0.13	4.54	ppb
Molybdenum	97-1	0.07	0.10	0.03	0.07	52.72	ppb
Molybdenum	98-1	0.09	0.09	0.09	0.09	4.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	1.12	1.16	1.12	3.74	ppb
Phosphorus	31-2	-13.71	-26.70	-22.28	-20.89		ppb
Potassium	39-2	354.50	350.38	355.07	353.32	0.73	ppb
Rhodium	103-1				85		%
Rhodium	103-2				83		%
Scandium	45-1				71		%
Scandium	45-2				65		%
Selenium	77-2	1.04	-0.36	-0.36	0.11	736.03	ppb
Selenium	78-2	-0.17	-2.01	-0.43	-0.87		ppb
Selenium	82-1	-0.47	-0.29	0.12	-0.21		ppb
Silicon	28-1	1576.22	1579.66	1614.07	1589.98	1.32	ppb
Silver	109-1	0.02	0.03	0.02	0.03	28.36	ppb
Silver	107-1	0.01	0.00	0.00	0.00	238.47	ppb
Sodium	23-2	718.51	711.76	717.83	716.03	0.52	ppb
Strontium	86-1	206.50	203.38	204.40	204.76	0.78	ppb
Strontium	88-1	205.62	201.35	200.86	202.61	1.29	ppb
Sulfur	34-1	308.88	447.13	575.95	443.98	30.08	ppb
Terbium	159-1				98		%
Terbium	159-2				88		%
Thallium	203-1	-0.04	-0.04	-0.04	-0.04		ppb
Thallium	205-1	-0.04	-0.04	-0.04	-0.04		ppb
Thorium	232-1	0.00	0.00	0.00	0.00	18.07	ppb
Tin	118-1	0.16	0.11	0.12	0.13	19.09	ppb
Titanium	47-1	0.28	0.20	0.27	0.25	18.75	ppb
Uranium	238-1	0.27	0.23	0.23	0.24	10.71	ppb
Vanadium	51-2	0.11	0.07	0.10	0.09	24.63	ppb
Yttrium	89-1				85		%
Yttrium	89-2				77		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-04LX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 18:56:38	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	3.65	3.65	3.28	3.52	6.09	ppb
Zirconium	90-1	0.22	0.20	0.23	0.22	7.58	ppb
Zirconium	91-1	0.21	0.24	0.17	0.20	17.20	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-05	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991MS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:00:16	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8896.25	9025.09	9247.54	9056.29	1.96	ppb
Antimony	121-1	501.91	491.36	495.32	496.20	1.07	ppb
Arsenic	75-2	561.48	549.16	552.45	554.36	1.15	ppb
Barium	135-1	2714.20	2664.10	2696.05	2691.45	0.94	ppb
Barium	137-1	2714.04	2656.81	2715.54	2695.47	1.24	ppb
Beryllium	9-1	496.26	493.86	496.06	495.39	0.27	ppb
Bismuth	209-1				91		%
Bismuth	209-2				80		%
Boron	10-1	500.54	506.46	519.65	508.88	1.92	ppb
Boron	11-1	515.43	518.47	531.66	521.85	1.65	ppb
Cadmium	111-1	461.51	452.87	456.94	457.10	0.95	ppb
Cadmium	106-1	445.81	438.80	441.55	442.05	0.80	ppb
Cadmium	108-1	436.27	445.72	438.61	440.20	1.12	ppb
Calcium	43-1	222056.83	220837.25	222456.83	221783.64	0.38	ppb
Calcium	44-1	222591.32	222063.72	223505.38	222720.14	0.33	ppb
Chromium	52-2	569.75	575.53	581.70	575.66	1.04	ppb
Cobalt	59-2	592.52	601.27	611.10	601.63	1.54	ppb
Copper	63-2	1183.78	1192.35	1198.32	1191.48	0.61	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				92		%
Holmium	165-2				84		%
Indium	115-1				80		%
Indium	115-2				73		%
Iron	56-2	39575.29	39291.74	39559.23	39475.42	0.40	ppb
Iron	57-2	40959.20	41201.21	42058.31	41406.24	1.39	ppb
Krypton	83-1						cps
Lead	206-1	527.91	528.35	525.67	527.31	0.27	ppb
Lead	207-1	538.53	532.12	542.38	537.68	0.96	ppb
Lead	208-1	541.96	539.56	546.01	542.51	0.60	ppb
Lithium	6-1				67		%
Magnesium	24-2	96225.90	96317.63	97822.46	96788.66	0.93	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-05	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991MS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:00:16	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3486.44	3549.30	3580.92	3538.89	1.36	ppb
Molybdenum	94-1	2259.44	2264.26	2252.73	2258.81	0.26	ppb
Molybdenum	95-1	2104.75	2130.16	2116.59	2117.17	0.60	ppb
Molybdenum	96-1	2159.40	2171.36	2162.55	2164.44	0.29	ppb
Molybdenum	97-1	2153.21	2155.50	2155.70	2154.80	0.06	ppb
Molybdenum	98-1	2145.08	2170.82	2143.07	2152.99	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	595.79	609.59	613.36	606.25	1.53	ppb
Phosphorus	31-2	-7.55	9.61	-16.52	-4.82		ppb
Potassium	39-2	24914.91	25206.17	25515.73	25212.27	1.19	ppb
Rhodium	103-1				75		%
Rhodium	103-2				76		%
Scandium	45-1				66		%
Scandium	45-2				62		%
Selenium	77-2	502.77	486.56	480.37	489.90	2.36	ppb
Selenium	78-2	490.73	477.46	497.10	488.43	2.05	ppb
Selenium	82-1	516.33	507.54	506.94	510.27	1.03	ppb
Silicon	28-1	8518.49	8485.26	8636.09	8546.61	0.93	ppb
Silver	109-1	436.74	433.78	438.81	436.44	0.58	ppb
Silver	107-1	443.64	433.93	438.35	438.64	1.11	ppb
Sodium	23-2	51959.90	52092.23	52915.33	52322.49	0.99	ppb
Strontium	86-1	1505.50	1511.95	1521.36	1512.94	0.53	ppb
Strontium	88-1	1577.97	1584.97	1586.88	1583.27	0.30	ppb
Sulfur	34-1	5539.52	5182.33	5286.97	5336.27	3.44	ppb
Terbium	159-1				92		%
Terbium	159-2				84		%
Thallium	203-1	508.43	508.79	511.40	509.54	0.32	ppb
Thallium	205-1	533.16	529.31	536.00	532.82	0.63	ppb
Thorium	232-1	0.04	0.04	0.06	0.05	22.00	ppb
Tin	118-1	479.04	473.97	479.52	477.51	0.64	ppb
Titanium	47-1	2038.47	2031.41	2055.40	2041.76	0.60	ppb
Uranium	238-1	560.49	558.40	563.02	560.64	0.41	ppb
Vanadium	51-2	553.26	557.65	562.75	557.89	0.85	ppb
Yttrium	89-1				79		%
Yttrium	89-2				72		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-05	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991MS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:00:16	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1039.05	1051.42	1065.19	1051.88	1.24	ppb
Zirconium	90-1	509.83	510.76	510.83	510.47	0.11	ppb
Zirconium	91-1	502.85	502.66	504.74	503.42	0.23	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-06	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:03:53	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8910.13	8920.17	8870.06	8900.12	0.30	ppb
Antimony	121-1	481.80	470.19	471.57	474.52	1.34	ppb
Arsenic	75-2	535.67	534.75	532.69	534.37	0.29	ppb
Barium	135-1	2636.50	2605.33	2624.31	2622.05	0.60	ppb
Barium	137-1	2626.12	2591.68	2603.22	2607.00	0.67	ppb
Beryllium	9-1	476.46	474.76	474.41	475.21	0.23	ppb
Bismuth	209-1				92		%
Bismuth	209-2				81		%
Boron	10-1	522.12	522.64	529.38	524.71	0.77	ppb
Boron	11-1	523.99	526.25	540.38	530.21	1.68	ppb
Cadmium	111-1	440.94	435.86	430.12	435.64	1.24	ppb
Cadmium	106-1	424.19	418.46	414.49	419.05	1.16	ppb
Cadmium	108-1	434.82	420.54	423.08	426.15	1.79	ppb
Calcium	43-1	222825.75	220062.35	221782.09	221556.73	0.63	ppb
Calcium	44-1	220939.84	221621.63	223032.73	221864.73	0.48	ppb
Chromium	52-2	558.20	556.20	555.39	556.60	0.26	ppb
Cobalt	59-2	584.93	586.93	582.87	584.91	0.35	ppb
Copper	63-2	1169.19	1183.61	1177.08	1176.63	0.61	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				85		%
Indium	115-1				82		%
Indium	115-2				74		%
Iron	56-2	39785.25	39278.00	39274.57	39445.94	0.74	ppb
Iron	57-2	40916.99	41590.96	41130.09	41212.68	0.84	ppb
Krypton	83-1						cps
Lead	206-1	498.86	508.63	503.99	503.83	0.97	ppb
Lead	207-1	512.14	524.32	517.06	517.84	1.18	ppb
Lead	208-1	514.95	522.98	520.30	519.41	0.79	ppb
Lithium	6-1				67		%
Magnesium	24-2	65861.66	65546.57	65171.58	65526.60	0.53	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-06	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:03:53	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3570.81	3545.94	3550.91	3555.88	0.37	ppb
Molybdenum	94-1	2184.17	2214.04	2193.42	2197.21	0.70	ppb
Molybdenum	95-1	2080.15	2082.73	2079.76	2080.88	0.08	ppb
Molybdenum	96-1	2098.07	2108.56	2102.13	2102.92	0.25	ppb
Molybdenum	97-1	2100.37	2114.83	2099.07	2104.76	0.42	ppb
Molybdenum	98-1	2099.22	2119.47	2100.82	2106.50	0.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	588.47	591.56	587.89	589.31	0.33	ppb
Phosphorus	31-2	-7.35	0.79	-34.01	-13.52		ppb
Potassium	39-2	24839.88	25147.04	25011.71	24999.54	0.62	ppb
Rhodium	103-1				77		%
Rhodium	103-2				77		%
Scandium	45-1				67		%
Scandium	45-2				61		%
Selenium	77-2	493.09	507.56	469.95	490.20	3.87	ppb
Selenium	78-2	478.09	492.42	453.21	474.58	4.18	ppb
Selenium	82-1	490.99	486.06	498.63	491.89	1.29	ppb
Silicon	28-1	8504.27	8530.65	8677.45	8570.79	1.09	ppb
Silver	109-1	425.17	417.94	420.75	421.29	0.87	ppb
Silver	107-1	419.37	414.52	412.47	415.45	0.85	ppb
Sodium	23-2	51921.04	51521.79	51363.66	51602.16	0.56	ppb
Strontium	86-1	1475.55	1494.06	1495.60	1488.41	0.75	ppb
Strontium	88-1	1527.69	1558.04	1554.19	1546.64	1.07	ppb
Sulfur	34-1	5386.79	5212.24	5152.39	5250.47	2.32	ppb
Terbium	159-1				93		%
Terbium	159-2				85		%
Thallium	203-1	483.17	492.46	482.06	485.90	1.18	ppb
Thallium	205-1	502.75	512.21	503.62	506.19	1.03	ppb
Thorium	232-1	0.03	0.05	0.04	0.04	24.80	ppb
Tin	118-1	478.07	466.34	473.36	472.59	1.25	ppb
Titanium	47-1	2006.26	2006.83	2002.75	2005.28	0.11	ppb
Uranium	238-1	527.89	530.02	536.29	531.40	0.82	ppb
Vanadium	51-2	541.39	539.72	541.69	540.93	0.20	ppb
Yttrium	89-1				80		%
Yttrium	89-2				73		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-06	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:03:53	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1041.67	1062.55	1058.40	1054.20	1.05	ppb
Zirconium	90-1	488.33	485.67	489.04	487.68	0.36	ppb
Zirconium	91-1	484.32	484.53	482.93	483.93	0.18	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-04A	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991A	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:07:30	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9026.39	9000.60	8913.39	8980.13	0.66	ppb
Antimony	121-1	495.53	485.81	490.66	490.67	0.99	ppb
Arsenic	75-2	542.94	542.17	543.32	542.81	0.11	ppb
Barium	135-1	2667.27	2664.52	2658.54	2663.44	0.17	ppb
Barium	137-1	2678.37	2679.03	2667.99	2675.13	0.23	ppb
Beryllium	9-1	491.18	488.49	489.50	489.73	0.28	ppb
Bismuth	209-1				92		%
Bismuth	209-2				82		%
Boron	10-1	541.20	529.72	537.44	536.12	1.09	ppb
Boron	11-1	533.00	540.52	544.19	539.24	1.06	ppb
Cadmium	111-1	449.50	443.35	447.73	446.86	0.71	ppb
Cadmium	106-1	435.42	424.56	422.50	427.49	1.62	ppb
Cadmium	108-1	438.53	440.86	431.62	437.00	1.10	ppb
Calcium	43-1	224349.79	224395.48	221940.14	223561.80	0.63	ppb
Calcium	44-1	222787.51	225303.13	222430.00	223506.88	0.70	ppb
Chromium	52-2	571.20	565.84	559.36	565.47	1.05	ppb
Cobalt	59-2	601.58	592.52	586.44	593.52	1.28	ppb
Copper	63-2	1192.66	1181.07	1173.68	1182.47	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				86		%
Indium	115-1				82		%
Indium	115-2				74		%
Iron	56-2	40206.76	39552.40	39154.20	39637.79	1.34	ppb
Iron	57-2	41712.94	41341.50	40798.22	41284.22	1.11	ppb
Krypton	83-1						cps
Lead	206-1	521.74	525.40	522.12	523.08	0.39	ppb
Lead	207-1	531.58	539.68	533.60	534.96	0.79	ppb
Lead	208-1	534.72	538.00	536.81	536.51	0.31	ppb
Lithium	6-1				67		%
Magnesium	24-2	83899.92	82497.79	81448.63	82615.45	1.49	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-04A	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991A	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:07:30	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3583.67	3543.54	3515.22	3547.48	0.97	ppb
Molybdenum	94-1	2226.92	2251.83	2214.56	2231.10	0.85	ppb
Molybdenum	95-1	2100.99	2102.46	2098.07	2100.50	0.11	ppb
Molybdenum	96-1	2120.64	2126.77	2135.88	2127.76	0.36	ppb
Molybdenum	97-1	2128.27	2125.93	2123.85	2126.02	0.10	ppb
Molybdenum	98-1	2141.14	2129.44	2133.42	2134.67	0.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	601.29	603.83	593.25	599.46	0.92	ppb
Phosphorus	31-2	-38.37	-8.34	-3.90	-16.87		ppb
Potassium	39-2	25221.05	24914.39	24535.16	24890.20	1.38	ppb
Rhodium	103-1				77		%
Rhodium	103-2				78		%
Scandium	45-1				67		%
Scandium	45-2				62		%
Selenium	77-2	493.16	500.42	505.67	499.75	1.26	ppb
Selenium	78-2	488.47	469.59	477.33	478.47	1.98	ppb
Selenium	82-1	506.31	508.12	494.20	502.88	1.51	ppb
Silicon	28-1	8527.07	8590.66	8677.87	8598.53	0.88	ppb
Silver	109-1	438.90	429.12	433.74	433.92	1.13	ppb
Silver	107-1	431.11	429.66	422.29	427.68	1.11	ppb
Sodium	23-2	52967.96	52088.84	51075.64	52044.15	1.82	ppb
Strontium	86-1	1498.88	1502.92	1490.66	1497.49	0.42	ppb
Strontium	88-1	1559.22	1579.86	1570.35	1569.81	0.66	ppb
Sulfur	34-1	4837.74	4680.95	4893.25	4803.98	2.29	ppb
Terbium	159-1				93		%
Terbium	159-2				85		%
Thallium	203-1	507.76	502.08	507.91	505.92	0.66	ppb
Thallium	205-1	520.19	529.86	529.25	526.43	1.03	ppb
Thorium	232-1	0.02	0.02	0.03	0.02	20.67	ppb
Tin	118-1	483.59	477.41	472.96	477.99	1.12	ppb
Titanium	47-1	2054.09	2029.47	2030.22	2037.93	0.69	ppb
Uranium	238-1	545.97	564.32	547.15	552.48	1.86	ppb
Vanadium	51-2	556.38	553.73	543.08	551.06	1.28	ppb
Yttrium	89-1				80		%
Yttrium	89-2				74		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-04A	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991A	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:07:30	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1058.72	1052.78	1049.45	1053.65	0.45	ppb
Zirconium	90-1	506.03	504.63	501.43	504.03	0.47	ppb
Zirconium	91-1	498.07	493.82	493.02	494.97	0.55	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P7
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:20:52	DataFile Name :	079CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47836.35	47782.79	47927.40	47848.85	0.15	ppb
Antimony	121-1	498.47	495.02	493.60	495.70	0.51	ppb
Arsenic	75-2	500.58	493.93	505.23	499.91	1.14	ppb
Barium	135-1	2310.22	2277.23	2272.79	2286.75	0.89	ppb
Barium	137-1	2362.72	2359.16	2372.07	2364.65	0.28	ppb
Beryllium	9-1	476.88	474.04	475.98	475.63	0.31	ppb
Bismuth	209-1				82		%
Bismuth	209-2				80		%
Boron	10-1	466.34	459.99	473.07	466.46	1.40	ppb
Boron	11-1	454.44	470.57	479.79	468.27	2.74	ppb
Cadmium	111-1	455.06	452.13	454.02	453.74	0.33	ppb
Cadmium	106-1	455.53	455.18	457.52	456.08	0.28	ppb
Cadmium	108-1	468.61	447.26	448.69	454.86	2.62	ppb
Calcium	43-1	239982.97	242030.82	240133.75	240715.85	0.47	ppb
Calcium	44-1	242771.66	242606.24	240705.87	242027.93	0.47	ppb
Chromium	52-2	524.67	527.10	525.80	525.86	0.23	ppb
Cobalt	59-2	525.98	526.68	530.39	527.68	0.45	ppb
Copper	63-2	1084.98	1099.06	1106.88	1096.97	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				87		%
Holmium	165-2				88		%
Indium	115-1				77		%
Indium	115-2				78		%
Iron	56-2	130720.46	130398.23	129132.81	130083.83	0.65	ppb
Iron	57-2	131748.42	130279.92	130120.28	130716.21	0.69	ppb
Krypton	83-1						cps
Lead	206-1	497.41	481.44	486.96	488.60	1.66	ppb
Lead	207-1	501.44	490.74	486.05	492.75	1.60	ppb
Lead	208-1	507.96	497.97	498.09	501.34	1.14	ppb
Lithium	6-1				69		%
Magnesium	24-2	235474.12	233437.04	232988.54	233966.57	0.57	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P7
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:20:52	DataFile Name :	079CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1025.27	1034.23	1029.75	1029.75	0.44	ppb
Molybdenum	94-1	2419.34	2407.83	2402.06	2409.74	0.37	ppb
Molybdenum	95-1	2360.97	2341.91	2353.05	2351.98	0.41	ppb
Molybdenum	96-1	2374.03	2366.90	2379.97	2373.63	0.28	ppb
Molybdenum	97-1	2394.41	2367.74	2373.05	2378.40	0.59	ppb
Molybdenum	98-1	2374.39	2377.25	2388.88	2380.17	0.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	523.31	523.50	531.00	525.94	0.83	ppb
Phosphorus	31-2	9105.78	9109.38	9292.14	9169.10	1.16	ppb
Potassium	39-2	116287.05	115215.07	115193.11	115565.08	0.54	ppb
Rhodium	103-1				72		%
Rhodium	103-2				76		%
Scandium	45-1				67		%
Scandium	45-2				67		%
Selenium	77-2	438.40	420.47	463.58	440.82	4.91	ppb
Selenium	78-2	455.65	450.84	461.23	455.91	1.14	ppb
Selenium	82-1	468.41	465.32	469.89	467.87	0.50	ppb
Silicon	28-1	512.99	530.66	544.11	529.25	2.95	ppb
Silver	109-1	450.29	447.74	450.92	449.65	0.37	ppb
Silver	107-1	449.06	449.54	451.46	450.02	0.28	ppb
Sodium	23-2	236665.36	234973.51	233350.09	234996.32	0.71	ppb
Strontium	86-1	486.95	482.33	486.16	485.15	0.51	ppb
Strontium	88-1	495.12	499.28	494.09	496.17	0.55	ppb
Sulfur	34-1	10407.87	10396.67	10421.58	10408.71	0.12	ppb
Terbium	159-1				87		%
Terbium	159-2				87		%
Thallium	203-1	491.71	473.07	481.01	481.93	1.94	ppb
Thallium	205-1	516.52	499.85	501.87	506.08	1.80	ppb
Thorium	232-1	546.38	526.77	532.77	535.31	1.88	ppb
Tin	118-1	453.07	450.19	445.58	449.61	0.84	ppb
Titanium	47-1	2312.61	2320.04	2295.75	2309.47	0.54	ppb
Uranium	238-1	548.48	529.22	538.07	538.59	1.79	ppb
Vanadium	51-2	517.50	517.09	524.26	519.62	0.78	ppb
Yttrium	89-1				77		%
Yttrium	89-2				78		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P7
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:20:52	DataFile Name :	079CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1023.64	1025.48	1044.87	1031.33	1.14	ppb
Zirconium	90-1	496.07	494.63	496.01	495.57	0.16	ppb
Zirconium	91-1	486.40	481.42	490.00	485.94	0.89	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P7
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:26:42	DataFile Name :	080CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.38	2.86	2.83	3.03	10.30	ppb
Antimony	121-1	0.14	0.11	0.14	0.13	12.30	ppb
Arsenic	75-2	0.09	0.00	0.00	0.03	163.78	ppb
Barium	135-1	0.17	0.16	0.14	0.16	7.67	ppb
Barium	137-1	0.19	0.21	0.11	0.17	32.37	ppb
Beryllium	9-1	0.04	0.05	0.04	0.04	10.21	ppb
Bismuth	209-1				97		%
Bismuth	209-2				91		%
Boron	10-1	11.91	12.08	11.77	11.92	1.30	ppb
Boron	11-1	12.59	11.66	11.71	11.99	4.37	ppb
Cadmium	111-1	-0.04	-0.04	0.03	-0.02		ppb
Cadmium	106-1	-0.99	-1.39	-0.16	-0.85		ppb
Cadmium	108-1	0.14	0.14	0.14	0.14	1.99	ppb
Calcium	43-1	20.75	17.01	25.92	21.23	21.06	ppb
Calcium	44-1	16.71	16.38	16.57	16.55	1.03	ppb
Chromium	52-2	0.08	0.02	0.04	0.04	71.29	ppb
Cobalt	59-2	0.06	0.04	0.06	0.06	17.25	ppb
Copper	63-2	0.18	0.17	0.19	0.18	5.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				90		%
Indium	115-1				89		%
Indium	115-2				86		%
Iron	56-2	9.82	9.47	9.68	9.66	1.84	ppb
Iron	57-2	13.92	8.91	4.97	9.27	48.44	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.08	0.05	0.06	26.24	ppb
Lead	207-1	0.05	0.04	0.07	0.05	33.33	ppb
Lead	208-1	0.06	0.06	0.07	0.06	7.45	ppb
Lithium	6-1				75		%
Magnesium	24-2	15.70	16.76	16.60	16.35	3.48	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P7
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:26:42	DataFile Name :	080CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.09	0.10	0.12	0.10	15.02	ppb
Molybdenum	94-1	0.36	0.30	0.26	0.31	16.89	ppb
Molybdenum	95-1	0.22	0.23	0.30	0.25	17.21	ppb
Molybdenum	96-1	0.30	0.32	0.30	0.31	2.12	ppb
Molybdenum	97-1	0.29	0.34	0.26	0.30	13.47	ppb
Molybdenum	98-1	0.32	0.25	0.27	0.28	11.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.08	0.05	0.05	55.24	ppb
Phosphorus	31-2	-35.78	-28.41	-36.29	-33.49		ppb
Potassium	39-2	-5.96	-7.16	-3.65	-5.59		ppb
Rhodium	103-1				85		%
Rhodium	103-2				87		%
Scandium	45-1				74		%
Scandium	45-2				69		%
Selenium	77-2	-0.36	-0.36	-0.36	-0.36		ppb
Selenium	78-2	-0.32	0.68	-0.80	-0.15		ppb
Selenium	82-1	-0.48	0.01	0.10	-0.13		ppb
Silicon	28-1	-1.60	-1.15	-2.22	-1.66		ppb
Silver	109-1	0.07	0.02	0.05	0.05	50.27	ppb
Silver	107-1	0.05	0.04	0.05	0.05	20.53	ppb
Sodium	23-2	25.62	23.05	21.13	23.27	9.68	ppb
Strontium	86-1	-0.03	0.06	-0.12	-0.03		ppb
Strontium	88-1	0.03	0.03	0.04	0.03	20.97	ppb
Sulfur	34-1	-972.05	-945.79	-980.11	-965.98		ppb
Terbium	159-1				93		%
Terbium	159-2				90		%
Thallium	203-1	0.03	0.04	0.02	0.03	30.87	ppb
Thallium	205-1	0.03	0.05	0.03	0.04	28.32	ppb
Thorium	232-1	0.06	0.04	0.04	0.05	16.05	ppb
Tin	118-1	0.07	0.07	0.05	0.07	15.64	ppb
Titanium	47-1	0.21	0.20	0.19	0.20	5.21	ppb
Uranium	238-1	0.04	0.02	0.03	0.03	27.42	ppb
Vanadium	51-2	0.04	0.02	0.05	0.04	46.22	ppb
Yttrium	89-1				84		%
Yttrium	89-2				82		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P7
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:26:42	DataFile Name :	080CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.13	0.36	0.15	0.12	199.83	ppb
Zirconium	90-1	0.04	0.05	0.06	0.05	20.05	ppb
Zirconium	91-1	0.03	0.10	-0.03	0.03	197.35	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : PB121232BLRE Instrumnet Name : P7
 Client Sample ID : PB121232BLRE Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 19:30:19 DataFile Name : 081CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.06	-0.03	-0.15	-0.04		ppb
Antimony	121-1	0.01	0.01	0.02	0.01	29.22	ppb
Arsenic	75-2	-0.03	-0.03	-0.01	-0.02		ppb
Barium	135-1	0.00	0.03	0.03	0.02	109.88	ppb
Barium	137-1	0.01	0.02	0.02	0.01	53.72	ppb
Beryllium	9-1	-0.02	-0.01	-0.02	-0.02		ppb
Bismuth	209-1				363		%
Bismuth	209-2				310		%
Boron	10-1	0.31	0.60	0.64	0.52	34.94	ppb
Boron	11-1	0.46	0.37	0.48	0.44	14.21	ppb
Cadmium	111-1	-0.26	-0.35	-0.26	-0.29		ppb
Cadmium	106-1	-3.23	-4.20	-3.26	-3.56		ppb
Cadmium	108-1	-0.01	0.01	-0.08	-0.03		ppb
Calcium	43-1	-2.28	-0.72	-2.27	-1.76		ppb
Calcium	44-1	-12.91	-11.89	-11.82	-12.21		ppb
Chromium	52-2	-0.24	-0.25	-0.24	-0.24		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.08	-0.08	-0.07	-0.08		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				348		%
Holmium	165-2				313		%
Indium	115-1				329		%
Indium	115-2				307		%
Iron	56-2	-0.59	-1.15	-0.87	-0.87		ppb
Iron	57-2	-3.22	-3.77	-2.64	-3.21		ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.00	-0.01	0.00	963.33	ppb
Lead	207-1	-0.01	-0.02	-0.01	-0.02		ppb
Lead	208-1	0.00	-0.01	-0.01	-0.01		ppb
Lithium	6-1				286		%
Magnesium	24-2	0.73	0.52	0.93	0.72	28.64	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : PB121232BLRE Instrumnet Name : P7
 Client Sample ID : PB121232BLRE Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 19:30:19 DataFile Name : 081CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	0.00	0.00		ppb
Molybdenum	94-1	0.03	0.06	0.04	0.04	32.05	ppb
Molybdenum	95-1	0.01	0.01	0.02	0.02	41.25	ppb
Molybdenum	96-1	0.01	0.04	0.02	0.02	65.76	ppb
Molybdenum	97-1	0.02	0.03	0.02	0.03	20.37	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	9.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.00	-0.01		ppb
Phosphorus	31-2	-39.81	-46.06	-45.84	-43.91		ppb
Potassium	39-2	-85.10	-85.99	-83.01	-84.70		ppb
Rhodium	103-1				315		%
Rhodium	103-2				293		%
Scandium	45-1				276		%
Scandium	45-2				235		%
Selenium	77-2	-0.36	-0.36	0.44	-0.09		ppb
Selenium	78-2	-2.55	-2.78	-2.36	-2.56		ppb
Selenium	82-1	0.05	0.17	0.17	0.13	51.55	ppb
Silicon	28-1	-5.07	-9.21	-9.59	-7.96		ppb
Silver	109-1	0.00	0.00	0.01	0.01	53.74	ppb
Silver	107-1	0.01	0.01	0.00	0.01	142.08	ppb
Sodium	23-2	-20.06	-21.45	-21.13	-20.88		ppb
Strontium	86-1	0.01	-0.07	0.00	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	142.44	ppb
Sulfur	34-1	-7553.43	-7667.11	-7650.79	-7623.78		ppb
Terbium	159-1				350		%
Terbium	159-2				310		%
Thallium	203-1	-0.03	-0.04	-0.04	-0.04		ppb
Thallium	205-1	-0.03	-0.04	-0.04	-0.04		ppb
Thorium	232-1	0.03	0.02	0.02	0.03	15.86	ppb
Tin	118-1	-0.02	-0.03	-0.03	-0.03		ppb
Titanium	47-1	0.02	-0.03	-0.01	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	62.73	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	94.30	ppb
Yttrium	89-1				315		%
Yttrium	89-2				273		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	PB121232BLRE	Instrumnet Name :	P7
Client Sample ID :	PB121232BLRE	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:30:19	DataFile Name :	081CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.18	-0.18	-0.12	-0.16		ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	37.54	ppb
Zirconium	91-1	0.02	0.01	0.01	0.01	57.68	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : PB121232BSRE Instrumnet Name : P7
 Client Sample ID : PB121232BSRE Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 19:33:55 DataFile Name : 082LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.14	-0.29	-0.35	-0.26		ppb
Antimony	121-1	0.00	0.00	0.00	0.00		ppb
Arsenic	75-2	-0.03	-0.04	-0.04	-0.04		ppb
Barium	135-1	0.00	0.00	-0.01	0.00		ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	-0.02	-0.02	-0.02	-0.02		ppb
Bismuth	209-1				344		%
Bismuth	209-2				338		%
Boron	10-1	-0.12	0.01	0.20	0.03	514.07	ppb
Boron	11-1	-0.28	-0.08	0.14	-0.07		ppb
Cadmium	111-1	-0.26	-0.29	-0.35	-0.30		ppb
Cadmium	106-1	-3.09	-3.46	-4.27	-3.61		ppb
Cadmium	108-1	0.02	0.01	-0.07	-0.01		ppb
Calcium	43-1	-2.78	-2.92	-2.56	-2.75		ppb
Calcium	44-1	-13.71	-13.13	-12.94	-13.26		ppb
Chromium	52-2	-0.24	-0.24	-0.24	-0.24		ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	-0.05	-0.09	-0.11	-0.09		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				332		%
Holmium	165-2				342		%
Indium	115-1				315		%
Indium	115-2				329		%
Iron	56-2	-1.33	-1.42	-1.44	-1.40		ppb
Iron	57-2	-4.83	-4.26	-4.46	-4.52		ppb
Krypton	83-1						cps
Lead	206-1	-0.01	0.00	-0.01	-0.01		ppb
Lead	207-1	-0.02	-0.02	-0.02	-0.02		ppb
Lead	208-1	-0.02	-0.01	-0.01	-0.01		ppb
Lithium	6-1				279		%
Magnesium	24-2	-0.15	-0.07	0.07	-0.05		ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	PB121232BSRE	Instrumnet Name :	P7
Client Sample ID :	PB121232BSRE	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:33:55	DataFile Name :	082LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	-0.02	0.01	0.00	1185.08	ppb
Molybdenum	94-1	0.02	0.03	0.00	0.02	80.26	ppb
Molybdenum	95-1	0.00	-0.02	-0.01	-0.01		ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	97-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	98-1	0.00	-0.01	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.02	0.00	-0.01		ppb
Phosphorus	31-2	-45.79	-42.71	-42.90	-43.80		ppb
Potassium	39-2	-86.37	-88.88	-88.14	-87.80		ppb
Rhodium	103-1				302		%
Rhodium	103-2				321		%
Scandium	45-1				265		%
Scandium	45-2				261		%
Selenium	77-2	-0.36	-0.36	-0.36	-0.36		ppb
Selenium	78-2	-2.11	-2.41	-2.43	-2.32		ppb
Selenium	82-1	-0.06	-0.18	0.30	0.02	1175.91	ppb
Silicon	28-1	-6.95	12.10	-12.03	-2.29		ppb
Silver	109-1	0.00	0.00	0.00	0.00	111.16	ppb
Silver	107-1	0.00	0.00	0.00	0.00	255.13	ppb
Sodium	23-2	-21.41	-23.63	-23.71	-22.92		ppb
Strontium	86-1	-0.04	0.14	-0.06	0.01	899.66	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-7728.63	-7540.48	-7393.37	-7554.16		ppb
Terbium	159-1				337		%
Terbium	159-2				342		%
Thallium	203-1	-0.04	-0.04	-0.04	-0.04		ppb
Thallium	205-1	-0.04	-0.04	-0.04	-0.04		ppb
Thorium	232-1	0.01	0.01	0.01	0.01	0.63	ppb
Tin	118-1	-0.04	-0.04	-0.04	-0.04		ppb
Titanium	47-1	-0.02	-0.01	-0.04	-0.03		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				301		%
Yttrium	89-2				299		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	PB121232BSRE	Instrumnet Name :	P7
Client Sample ID :	PB121232BSRE	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:33:55	DataFile Name :	082LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.22	0.11	0.06	0.13	64.16	ppb
Zirconium	90-1	0.00	0.01	0.02	0.01	93.08	ppb
Zirconium	91-1	0.02	0.01	0.01	0.01	31.75	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-07RE	Instrumnet Name :	P7
Client Sample ID :	SP19-LF3MW3RE	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:37:31	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.03	-0.11	-0.30	-0.14		ppb
Antimony	121-1	0.00	0.00	0.00	0.00	191.54	ppb
Arsenic	75-2	-0.04	-0.04	-0.04	-0.04		ppb
Barium	135-1	-0.01	-0.01	-0.01	-0.01		ppb
Barium	137-1	0.00	-0.01	0.00	0.00		ppb
Beryllium	9-1	-0.02	-0.02	-0.02	-0.02		ppb
Bismuth	209-1				376		%
Bismuth	209-2				339		%
Boron	10-1	-0.55	-0.48	-0.48	-0.50		ppb
Boron	11-1	-0.69	-0.60	-0.55	-0.61		ppb
Cadmium	111-1	-0.27	-0.35	-0.36	-0.33		ppb
Cadmium	106-1	-3.29	-4.26	-4.45	-4.00		ppb
Cadmium	108-1	-0.06	0.00	-0.08	-0.04		ppb
Calcium	43-1	-2.29	-3.06	-3.93	-3.09		ppb
Calcium	44-1	-14.38	-13.70	-13.79	-13.96		ppb
Chromium	52-2	-0.25	-0.25	-0.25	-0.25		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	-0.05	-0.07	-0.10	-0.07		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				365		%
Holmium	165-2				343		%
Indium	115-1				345		%
Indium	115-2				336		%
Iron	56-2	-1.44	-1.42	-1.48	-1.45		ppb
Iron	57-2	-4.15	-4.46	-4.30	-4.30		ppb
Krypton	83-1						cps
Lead	206-1	-0.01	-0.01	-0.01	-0.01		ppb
Lead	207-1	-0.02	-0.03	-0.03	-0.03		ppb
Lead	208-1	-0.02	-0.02	-0.02	-0.02		ppb
Lithium	6-1				314		%
Magnesium	24-2	-0.17	-0.25	-0.25	-0.22		ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-07RE	Instrumnet Name :	P7
Client Sample ID :	SP19-LF3MW3RE	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:37:31	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.01	0.01	0.01	61.26	ppb
Molybdenum	94-1	0.03	-0.01	0.01	0.01	258.43	ppb
Molybdenum	95-1	-0.01	-0.01	-0.02	-0.01		ppb
Molybdenum	96-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	97-1	-0.01	-0.02	-0.02	-0.02		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.00	0.00		ppb
Phosphorus	31-2	-43.74	-45.38	-46.80	-45.31		ppb
Potassium	39-2	-87.09	-88.80	-88.90	-88.26		ppb
Rhodium	103-1				331		%
Rhodium	103-2				321		%
Scandium	45-1				293		%
Scandium	45-2				260		%
Selenium	77-2	-0.36	-0.36	-0.36	-0.36		ppb
Selenium	78-2	-2.20	-2.50	-2.55	-2.42		ppb
Selenium	82-1	-0.06	0.30	0.15	0.13	140.50	ppb
Silicon	28-1	-11.33	-7.68	-7.11	-8.70		ppb
Silver	109-1	0.00	0.00	0.00	0.00	314.51	ppb
Silver	107-1	0.00	-0.01	0.00	0.00		ppb
Sodium	23-2	-23.24	-23.36	-23.57	-23.39		ppb
Strontium	86-1	-0.07	-0.05	-0.06	-0.06		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-7676.14	-7605.79	-7665.71	-7649.21		ppb
Terbium	159-1				367		%
Terbium	159-2				340		%
Thallium	203-1	-0.05	-0.04	-0.05	-0.05		ppb
Thallium	205-1	-0.05	-0.05	-0.05	-0.05		ppb
Thorium	232-1	0.01	0.00	0.01	0.01	20.06	ppb
Tin	118-1	-0.04	-0.03	-0.04	-0.03		ppb
Titanium	47-1	-0.03	-0.03	-0.02	-0.03		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				330		%
Yttrium	89-2				300		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-07RE	Instrumnet Name :	P7
Client Sample ID :	SP19-LF3MW3RE	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:37:31	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.09	0.25	0.18	0.17	46.89	ppb
Zirconium	90-1	0.00	0.01	-0.01	0.00		ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	243.67	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-08RE	Instrumnet Name :	P7
Client Sample ID :	SP19-LF3MW4RE	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:41:08	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.29	-0.35	-0.15	-0.26		ppb
Antimony	121-1	0.00	0.00	-0.01	0.00		ppb
Arsenic	75-2	-0.04	-0.02	-0.03	-0.03		ppb
Barium	135-1	-0.01	0.00	0.00	0.00		ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	-0.02	-0.03	-0.02	-0.02		ppb
Bismuth	209-1				382		%
Bismuth	209-2				335		%
Boron	10-1	-0.75	-0.54	-0.71	-0.67		ppb
Boron	11-1	-0.86	-0.80	-0.89	-0.85		ppb
Cadmium	111-1	-0.23	-0.20	-0.36	-0.27		ppb
Cadmium	106-1	-2.79	-2.43	-4.42	-3.21		ppb
Cadmium	108-1	-0.08	-0.04	-0.08	-0.07		ppb
Calcium	43-1	-3.23	-3.10	-3.18	-3.17		ppb
Calcium	44-1	-13.33	-13.82	-13.96	-13.70		ppb
Chromium	52-2	-0.24	-0.25	-0.24	-0.25		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.08	-0.08	-0.09	-0.08		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				370		%
Holmium	165-2				337		%
Indium	115-1				351		%
Indium	115-2				332		%
Iron	56-2	-1.52	-1.54	-1.62	-1.56		ppb
Iron	57-2	-4.24	-4.16	-4.04	-4.15		ppb
Krypton	83-1						cps
Lead	206-1	-0.01	-0.01	-0.01	-0.01		ppb
Lead	207-1	-0.02	-0.03	-0.03	-0.03		ppb
Lead	208-1	-0.02	-0.02	-0.02	-0.02		ppb
Lithium	6-1				320		%
Magnesium	24-2	-0.33	-0.16	-0.19	-0.23		ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-08RE	Instrumnet Name :	P7
Client Sample ID :	SP19-LF3MW4RE	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:41:08	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.01	0.00	0.00	1096.75	ppb
Molybdenum	94-1	0.01	0.00	-0.01	0.00	1696.59	ppb
Molybdenum	95-1	-0.01	-0.02	-0.02	-0.02		ppb
Molybdenum	96-1	-0.01	-0.02	-0.01	-0.01		ppb
Molybdenum	97-1	0.00	-0.01	-0.02	-0.01		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	-0.01	-0.01		ppb
Phosphorus	31-2	-41.58	-45.65	-43.70	-43.65		ppb
Potassium	39-2	-88.23	-87.85	-85.45	-87.18		ppb
Rhodium	103-1				340		%
Rhodium	103-2				319		%
Scandium	45-1				299		%
Scandium	45-2				260		%
Selenium	77-2	-0.36	-0.36	-0.36	-0.36		ppb
Selenium	78-2	-2.86	-2.42	-2.43	-2.57		ppb
Selenium	82-1	-0.14	-0.13	0.02	-0.08		ppb
Silicon	28-1	-7.81	-8.67	-8.24	-8.24		ppb
Silver	109-1	0.00	0.00	0.00	0.00	52.60	ppb
Silver	107-1	0.00	0.00	0.00	0.00	260.18	ppb
Sodium	23-2	-23.61	-24.12	-22.59	-23.44		ppb
Strontium	86-1	0.00	-0.04	-0.01	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-7569.92	-7625.07	-7724.02	-7639.67		ppb
Terbium	159-1				373		%
Terbium	159-2				335		%
Thallium	203-1	-0.05	-0.04	-0.05	-0.05		ppb
Thallium	205-1	-0.04	-0.04	-0.05	-0.04		ppb
Thorium	232-1	0.00	0.00	0.00	0.00	8.62	ppb
Tin	118-1	-0.04	-0.04	-0.04	-0.04		ppb
Titanium	47-1	-0.03	-0.02	-0.04	-0.03		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				337		%
Yttrium	89-2				297		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-08RE	Instrumnet Name :	P7
Client Sample ID :	SP19-LF3MW4RE	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:41:08	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.00	0.03	0.14	0.06	124.82	ppb
Zirconium	90-1	0.01	-0.01	0.00	0.00	399.27	ppb
Zirconium	91-1	-0.01	-0.01	0.01	0.00		ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-09RE	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0941RE	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:45:40	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.34	-0.16	-0.23	-0.24		ppb
Antimony	121-1	0.00	0.00	0.00	0.00		ppb
Arsenic	75-2	-0.04	-0.03	-0.04	-0.04		ppb
Barium	135-1	0.00	-0.01	0.00	0.00		ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	-0.02	-0.03	-0.02	-0.03		ppb
Bismuth	209-1				368		%
Bismuth	209-2				334		%
Boron	10-1	-0.97	-1.04	-0.71	-0.91		ppb
Boron	11-1	-1.03	-1.13	-0.93	-1.03		ppb
Cadmium	111-1	-0.28	-0.25	-0.36	-0.30		ppb
Cadmium	106-1	-3.48	-3.11	-4.47	-3.69		ppb
Cadmium	108-1	-0.06	-0.10	-0.10	-0.08		ppb
Calcium	43-1	-2.99	-2.90	-3.39	-3.09		ppb
Calcium	44-1	-14.13	-14.07	-13.62	-13.94		ppb
Chromium	52-2	-0.25	-0.26	-0.26	-0.26		ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	-0.10	-0.08	-0.06	-0.08		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				354		%
Holmium	165-2				338		%
Indium	115-1				342		%
Indium	115-2				329		%
Iron	56-2	-1.48	-1.59	-1.49	-1.52		ppb
Iron	57-2	-3.40	-4.90	-3.90	-4.07		ppb
Krypton	83-1						cps
Lead	206-1	0.00	-0.01	-0.01	-0.01		ppb
Lead	207-1	-0.02	-0.03	-0.01	-0.02		ppb
Lead	208-1	-0.01	-0.02	-0.01	-0.02		ppb
Lithium	6-1				313		%
Magnesium	24-2	-0.23	-0.36	-0.20	-0.26		ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-09RE	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0941RE	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:45:40	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	-0.01	0.00		ppb
Molybdenum	94-1	0.01	-0.01	0.01	0.00	325.80	ppb
Molybdenum	95-1	-0.02	-0.02	-0.02	-0.02		ppb
Molybdenum	96-1	-0.02	-0.02	-0.02	-0.02		ppb
Molybdenum	97-1	-0.01	-0.02	-0.01	-0.01		ppb
Molybdenum	98-1	-0.01	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	-0.02	-0.01		ppb
Phosphorus	31-2	-43.24	-46.34	-44.36	-44.65		ppb
Potassium	39-2	-84.01	-90.84	-87.67	-87.51		ppb
Rhodium	103-1				330		%
Rhodium	103-2				321		%
Scandium	45-1				292		%
Scandium	45-2				264		%
Selenium	77-2	-0.36	-0.36	-0.36	-0.36		ppb
Selenium	78-2	-2.54	-2.04	-2.32	-2.30		ppb
Selenium	82-1	-0.15	0.32	-0.14	0.01	2887.84	ppb
Silicon	28-1	-7.86	-9.51	-3.63	-7.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00	147.91	ppb
Silver	107-1	0.00	-0.01	0.00	0.00		ppb
Sodium	23-2	-23.16	-25.06	-24.46	-24.23		ppb
Strontium	86-1	-0.01	-0.04	0.03	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-7474.37	-7751.02	-7551.35	-7592.24		ppb
Terbium	159-1				362		%
Terbium	159-2				335		%
Thallium	203-1	-0.05	-0.05	-0.04	-0.05		ppb
Thallium	205-1	-0.05	-0.05	-0.05	-0.05		ppb
Thorium	232-1	0.00	0.00	0.00	0.00	52.51	ppb
Tin	118-1	-0.04	-0.04	-0.05	-0.05		ppb
Titanium	47-1	-0.03	-0.03	-0.02	-0.03		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				328		%
Yttrium	89-2				302		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-09RE	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0941RE	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:45:40	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.29	0.07	-0.09	0.09	217.89	ppb
Zirconium	90-1	0.01	-0.01	0.00	0.00		ppb
Zirconium	91-1	-0.01	0.00	-0.02	-0.01		ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P7
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:49:21	DataFile Name :	086CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48460.81	48109.66	47465.33	48011.94	1.05	ppb
Antimony	121-1	512.80	509.19	508.96	510.32	0.42	ppb
Arsenic	75-2	507.68	497.93	491.69	499.10	1.62	ppb
Barium	135-1	2381.76	2341.94	2321.46	2348.38	1.31	ppb
Barium	137-1	2397.32	2375.69	2380.21	2384.41	0.48	ppb
Beryllium	9-1	472.54	472.89	471.16	472.20	0.19	ppb
Bismuth	209-1				81		%
Bismuth	209-2				79		%
Boron	10-1	453.52	454.36	472.72	460.20	2.36	ppb
Boron	11-1	458.53	462.09	465.00	461.87	0.70	ppb
Cadmium	111-1	463.10	464.85	465.03	464.33	0.23	ppb
Cadmium	106-1	445.60	454.84	458.41	452.95	1.46	ppb
Cadmium	108-1	468.58	448.41	457.25	458.08	2.21	ppb
Calcium	43-1	235632.05	235983.37	236195.33	235936.92	0.12	ppb
Calcium	44-1	236367.29	237052.38	236619.51	236679.73	0.15	ppb
Chromium	52-2	528.21	525.82	523.87	525.97	0.41	ppb
Cobalt	59-2	528.97	530.09	526.39	528.48	0.36	ppb
Copper	63-2	1103.07	1107.89	1103.29	1104.75	0.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				86		%
Holmium	165-2				88		%
Indium	115-1				77		%
Indium	115-2				80		%
Iron	56-2	129986.65	128478.10	127374.46	128613.07	1.02	ppb
Iron	57-2	131124.81	129607.21	128180.06	129637.36	1.14	ppb
Krypton	83-1						cps
Lead	206-1	491.99	488.14	485.60	488.58	0.66	ppb
Lead	207-1	504.48	500.78	497.60	500.95	0.69	ppb
Lead	208-1	501.62	499.06	494.56	498.41	0.72	ppb
Lithium	6-1				71		%
Magnesium	24-2	235969.20	230606.65	229973.01	232182.95	1.42	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P7
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:49:21	DataFile Name :	086CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1034.93	1033.29	1030.91	1033.04	0.20	ppb
Molybdenum	94-1	2419.89	2410.71	2405.56	2412.05	0.30	ppb
Molybdenum	95-1	2361.26	2358.17	2354.28	2357.91	0.15	ppb
Molybdenum	96-1	2374.90	2367.31	2367.19	2369.80	0.19	ppb
Molybdenum	97-1	2373.23	2387.83	2382.04	2381.03	0.31	ppb
Molybdenum	98-1	2353.06	2369.50	2392.81	2371.79	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	530.38	525.93	526.44	527.58	0.46	ppb
Phosphorus	31-2	8912.81	9191.59	9158.65	9087.69	1.68	ppb
Potassium	39-2	117076.88	114825.06	114364.63	115422.19	1.26	ppb
Rhodium	103-1				72		%
Rhodium	103-2				78		%
Scandium	45-1				70		%
Scandium	45-2				70		%
Selenium	77-2	429.58	427.71	466.47	441.25	4.95	ppb
Selenium	78-2	466.83	469.27	463.10	466.40	0.67	ppb
Selenium	82-1	472.43	466.20	475.98	471.54	1.05	ppb
Silicon	28-1	503.91	515.52	532.08	517.17	2.74	ppb
Silver	109-1	488.30	483.01	487.72	486.34	0.60	ppb
Silver	107-1	486.91	479.37	485.89	484.06	0.85	ppb
Sodium	23-2	236092.55	231569.87	231848.36	233170.26	1.09	ppb
Strontium	86-1	496.92	492.65	491.61	493.73	0.57	ppb
Strontium	88-1	498.23	499.49	496.85	498.19	0.27	ppb
Sulfur	34-1	9875.65	9927.99	9914.56	9906.07	0.27	ppb
Terbium	159-1				87		%
Terbium	159-2				87		%
Thallium	203-1	487.31	485.50	478.72	483.84	0.94	ppb
Thallium	205-1	498.97	494.93	492.22	495.37	0.69	ppb
Thorium	232-1	531.74	529.54	525.53	528.94	0.60	ppb
Tin	118-1	464.31	461.15	457.69	461.05	0.72	ppb
Titanium	47-1	2294.91	2302.97	2290.05	2295.98	0.28	ppb
Uranium	238-1	529.44	533.47	530.72	531.21	0.39	ppb
Vanadium	51-2	525.65	522.06	516.32	521.34	0.90	ppb
Yttrium	89-1				78		%
Yttrium	89-2				81		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P7
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:49:21	DataFile Name :	086CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1035.96	1033.17	1020.87	1030.00	0.78	ppb
Zirconium	90-1	498.34	499.11	499.91	499.12	0.16	ppb
Zirconium	91-1	500.01	493.13	501.10	498.08	0.87	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P7
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:53:00	DataFile Name :	087CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.60	3.43	2.31	3.11	22.67	ppb
Antimony	121-1	0.25	0.24	0.29	0.26	10.16	ppb
Arsenic	75-2	0.13	0.04	0.02	0.06	86.76	ppb
Barium	135-1	0.26	0.20	0.19	0.22	16.60	ppb
Barium	137-1	0.26	0.21	0.16	0.21	24.67	ppb
Beryllium	9-1	0.08	0.09	0.10	0.09	10.22	ppb
Bismuth	209-1				95		%
Bismuth	209-2				91		%
Boron	10-1	14.56	12.85	12.85	13.42	7.37	ppb
Boron	11-1	14.37	13.94	13.21	13.84	4.23	ppb
Cadmium	111-1	0.07	-0.14	-0.17	-0.08		ppb
Cadmium	106-1	0.28	-2.28	-3.23	-1.74		ppb
Cadmium	108-1	0.06	-0.02	0.06	0.04	129.98	ppb
Calcium	43-1	24.72	19.61	20.21	21.52	12.99	ppb
Calcium	44-1	22.77	19.73	17.41	19.97	13.45	ppb
Chromium	52-2	0.05	-0.03	0.05	0.02	179.10	ppb
Cobalt	59-2	0.02	0.04	0.03	0.03	41.04	ppb
Copper	63-2	0.12	0.22	0.14	0.16	32.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				90		%
Indium	115-1				87		%
Indium	115-2				88		%
Iron	56-2	10.16	10.17	9.88	10.07	1.62	ppb
Iron	57-2	10.16	10.33	7.62	9.37	16.19	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.08	0.04	0.05	49.95	ppb
Lead	207-1	0.04	0.04	0.06	0.05	28.99	ppb
Lead	208-1	0.05	0.06	0.04	0.05	12.26	ppb
Lithium	6-1				77		%
Magnesium	24-2	18.55	17.35	16.49	17.46	5.93	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P7
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:53:00	DataFile Name :	087CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.05	0.06	0.06	0.06	13.27	ppb
Molybdenum	94-1	0.48	0.36	0.36	0.40	17.11	ppb
Molybdenum	95-1	0.47	0.48	0.42	0.46	7.34	ppb
Molybdenum	96-1	0.50	0.46	0.39	0.45	12.18	ppb
Molybdenum	97-1	0.60	0.42	0.41	0.48	22.22	ppb
Molybdenum	98-1	0.54	0.35	0.38	0.42	23.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.11	0.10	0.06	0.09	33.59	ppb
Phosphorus	31-2	-32.87	-17.51	-33.09	-27.82		ppb
Potassium	39-2	-7.11	-5.21	4.27	-2.68		ppb
Rhodium	103-1				85		%
Rhodium	103-2				88		%
Scandium	45-1				74		%
Scandium	45-2				72		%
Selenium	77-2	-0.36	-0.36	-0.36	-0.36		ppb
Selenium	78-2	-1.05	1.27	-1.27	-0.35		ppb
Selenium	82-1	0.14	0.12	0.38	0.21	68.55	ppb
Silicon	28-1	1.86	1.06	0.09	1.00	88.62	ppb
Silver	109-1	0.07	0.06	0.08	0.07	14.16	ppb
Silver	107-1	0.08	0.12	0.03	0.08	58.34	ppb
Sodium	23-2	23.23	21.86	20.11	21.73	7.20	ppb
Strontium	86-1	0.14	-0.04	-0.01	0.03	346.31	ppb
Strontium	88-1	0.05	0.05	0.04	0.05	17.71	ppb
Sulfur	34-1	-973.57	-889.60	-781.25	-881.48		ppb
Terbium	159-1				92		%
Terbium	159-2				90		%
Thallium	203-1	0.13	0.10	0.10	0.11	14.83	ppb
Thallium	205-1	0.12	0.10	0.10	0.11	12.87	ppb
Thorium	232-1	0.11	0.10	0.10	0.10	5.14	ppb
Tin	118-1	0.10	0.10	0.12	0.11	10.35	ppb
Titanium	47-1	0.25	0.17	0.16	0.19	23.98	ppb
Uranium	238-1	0.04	0.03	0.03	0.04	11.20	ppb
Vanadium	51-2	0.05	0.02	0.01	0.03	68.08	ppb
Yttrium	89-1				84		%
Yttrium	89-2				84		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P7
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:53:00	DataFile Name :	087CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.05	0.17	0.21	0.14	59.37	ppb
Zirconium	90-1	0.05	0.05	0.05	0.05	6.00	ppb
Zirconium	91-1	0.08	0.07	0.04	0.06	30.60	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : PB121232BL Instrumnet Name : P7
 Client Sample ID : PB121232BL Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 19:56:37 DataFile Name : 088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.45	0.64	0.42	0.51	23.83	ppb
Antimony	121-1	0.06	0.04	0.07	0.06	25.18	ppb
Arsenic	75-2	0.02	-0.04	0.02	0.00	6211.30	ppb
Barium	135-1	0.02	0.02	0.06	0.03	71.16	ppb
Barium	137-1	0.04	0.03	0.02	0.03	47.50	ppb
Beryllium	9-1	0.05	0.04	0.01	0.04	55.66	ppb
Bismuth	209-1				93		%
Bismuth	209-2				91		%
Boron	10-1	10.37	8.15	6.34	8.29	24.39	ppb
Boron	11-1	8.68	7.33	7.28	7.76	10.21	ppb
Cadmium	111-1	-0.15	0.02	-0.11	-0.08		ppb
Cadmium	106-1	-1.86	0.12	-1.34	-1.03		ppb
Cadmium	108-1	0.07	-0.02	-0.02	0.01	428.02	ppb
Calcium	43-1	3.25	2.86	-0.45	1.88	108.01	ppb
Calcium	44-1	2.26	1.60	1.40	1.75	25.50	ppb
Chromium	52-2	0.00	-0.03	0.00	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	964.02	ppb
Copper	63-2	0.09	0.15	0.05	0.10	50.06	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				88		%
Holmium	165-2				90		%
Indium	115-1				86		%
Indium	115-2				88		%
Iron	56-2	1.55	1.82	1.45	1.60	11.83	ppb
Iron	57-2	1.10	1.30	0.54	0.98	40.32	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.07	0.08	0.08	11.78	ppb
Lead	207-1	0.04	0.03	0.04	0.04	20.69	ppb
Lead	208-1	0.07	0.05	0.06	0.06	14.52	ppb
Lithium	6-1				75		%
Magnesium	24-2	2.17	2.86	1.90	2.31	21.34	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : PB121232BL Instrumnet Name : P7
 Client Sample ID : PB121232BL Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 19:56:37 DataFile Name : 088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.02	0.00	0.01	89.15	ppb
Molybdenum	94-1	0.08	0.06	0.08	0.07	13.36	ppb
Molybdenum	95-1	0.04	0.11	0.10	0.08	43.04	ppb
Molybdenum	96-1	0.07	0.07	0.07	0.07	3.81	ppb
Molybdenum	97-1	0.09	0.13	0.06	0.09	35.54	ppb
Molybdenum	98-1	0.10	0.12	0.08	0.10	22.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.02	0.00	0.02	84.14	ppb
Phosphorus	31-2	-21.17	-36.70	-33.23	-30.37		ppb
Potassium	39-2	-6.56	-9.79	-10.73	-9.03		ppb
Rhodium	103-1				82		%
Rhodium	103-2				89		%
Scandium	45-1				73		%
Scandium	45-2				72		%
Selenium	77-2	-0.36	-0.36	-0.36	-0.36		ppb
Selenium	78-2	-0.43	-1.27	0.34	-0.45		ppb
Selenium	82-1	0.77	-0.08	0.52	0.40	108.26	ppb
Silicon	28-1	1.22	-2.24	-1.72	-0.92		ppb
Silver	109-1	0.02	0.02	0.02	0.02	14.45	ppb
Silver	107-1	0.00	0.03	0.00	0.01	182.93	ppb
Sodium	23-2	2.25	1.43	0.43	1.37	66.45	ppb
Strontium	86-1	0.00	0.02	-0.06	-0.01		ppb
Strontium	88-1	0.01	0.00	0.01	0.00	82.71	ppb
Sulfur	34-1	468.56	-320.94	-429.32	-93.90		ppb
Terbium	159-1				90		%
Terbium	159-2				90		%
Thallium	203-1	0.01	-0.02	0.00	0.00	6500.82	ppb
Thallium	205-1	0.02	-0.02	0.00	0.00	885.99	ppb
Thorium	232-1	0.02	0.02	0.03	0.03	15.19	ppb
Tin	118-1	0.06	0.03	0.04	0.04	39.69	ppb
Titanium	47-1	0.04	0.05	0.07	0.05	32.36	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	137.42	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	124.61	ppb
Yttrium	89-1				82		%
Yttrium	89-2				84		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	PB121232BL	Instrumnet Name :	P7
Client Sample ID :	PB121232BL	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:56:37	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.08	0.04	-0.05	0.03	239.86	ppb
Zirconium	90-1	0.01	0.01	0.03	0.02	59.27	ppb
Zirconium	91-1	0.01	0.02	0.01	0.01	27.12	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	PB121232BS	Instrumnet Name :	P7
Client Sample ID :	PB121232BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 20:00:13	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8995.10	8890.91	8814.16	8900.06	1.02	ppb
Antimony	121-1	497.08	479.69	485.63	487.47	1.81	ppb
Arsenic	75-2	488.19	489.62	489.87	489.23	0.19	ppb
Barium	135-1	2428.15	2385.60	2398.53	2404.09	0.91	ppb
Barium	137-1	2441.66	2391.07	2439.33	2424.02	1.18	ppb
Beryllium	9-1	484.43	484.18	483.49	484.03	0.10	ppb
Bismuth	209-1				91		%
Bismuth	209-2				89		%
Boron	10-1	432.34	459.38	458.62	450.11	3.42	ppb
Boron	11-1	446.89	461.13	470.65	459.56	2.60	ppb
Cadmium	111-1	469.43	454.34	465.80	463.19	1.70	ppb
Cadmium	106-1	468.08	464.41	459.71	464.07	0.90	ppb
Cadmium	108-1	492.71	453.67	466.05	470.81	4.24	ppb
Calcium	43-1	48278.53	47837.32	47730.18	47948.68	0.61	ppb
Calcium	44-1	47963.08	48145.13	48298.02	48135.41	0.35	ppb
Chromium	52-2	531.28	524.17	526.16	527.21	0.70	ppb
Cobalt	59-2	546.38	539.85	544.10	543.44	0.61	ppb
Copper	63-2	1094.36	1083.88	1085.93	1088.06	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				90		%
Holmium	165-2				93		%
Indium	115-1				84		%
Indium	115-2				87		%
Iron	56-2	26179.44	25492.17	25600.42	25757.34	1.43	ppb
Iron	57-2	27281.84	26998.09	27213.14	27164.36	0.54	ppb
Krypton	83-1						cps
Lead	206-1	485.19	483.42	485.12	484.58	0.21	ppb
Lead	207-1	491.73	483.37	489.56	488.22	0.89	ppb
Lead	208-1	490.25	485.47	491.06	488.93	0.62	ppb
Lithium	6-1				76		%
Magnesium	24-2	47212.26	46223.96	46366.90	46601.04	1.15	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	PB121232BS	Instrumnet Name :	P7
Client Sample ID :	PB121232BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 20:00:13	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1055.67	1052.09	1048.25	1052.01	0.35	ppb
Molybdenum	94-1	2432.65	2391.47	2420.34	2414.82	0.88	ppb
Molybdenum	95-1	2387.26	2355.91	2386.66	2376.61	0.75	ppb
Molybdenum	96-1	2393.09	2375.52	2398.43	2389.01	0.50	ppb
Molybdenum	97-1	2405.29	2386.87	2360.04	2384.07	0.95	ppb
Molybdenum	98-1	2391.24	2383.97	2361.84	2379.02	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	548.78	539.62	540.13	542.85	0.95	ppb
Phosphorus	31-2	9498.68	9522.23	9349.21	9456.71	0.99	ppb
Potassium	39-2	22938.58	22946.59	22598.83	22828.00	0.87	ppb
Rhodium	103-1				81		%
Rhodium	103-2				87		%
Scandium	45-1				74		%
Scandium	45-2				74		%
Selenium	77-2	460.35	489.02	432.12	460.50	6.18	ppb
Selenium	78-2	465.17	466.54	469.37	467.03	0.46	ppb
Selenium	82-1	485.42	494.80	491.79	490.67	0.98	ppb
Silicon	28-1	470.88	470.98	477.13	473.00	0.76	ppb
Silver	109-1	467.83	453.67	459.17	460.22	1.55	ppb
Silver	107-1	466.32	458.44	455.08	459.95	1.25	ppb
Sodium	23-2	46748.54	45729.70	45683.64	46053.96	1.31	ppb
Strontium	86-1	498.96	496.74	499.28	498.33	0.28	ppb
Strontium	88-1	500.49	499.81	497.37	499.22	0.33	ppb
Sulfur	34-1	10696.59	10076.49	10278.74	10350.60	3.06	ppb
Terbium	159-1				91		%
Terbium	159-2				93		%
Thallium	203-1	483.20	474.33	478.33	478.62	0.93	ppb
Thallium	205-1	488.52	483.90	494.26	488.89	1.06	ppb
Thorium	232-1	493.42	491.43	491.02	491.96	0.26	ppb
Tin	118-1	486.36	474.65	484.26	481.76	1.30	ppb
Titanium	47-1	2326.06	2284.30	2282.04	2297.47	1.08	ppb
Uranium	238-1	491.11	494.27	501.09	495.49	1.03	ppb
Vanadium	51-2	521.56	514.11	516.27	517.31	0.74	ppb
Yttrium	89-1				83		%
Yttrium	89-2				85		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	PB121232BS	Instrumnet Name :	P7
Client Sample ID :	PB121232BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 20:00:13	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1044.72	1044.30	1044.74	1044.59	0.02	ppb
Zirconium	90-1	497.94	486.56	494.44	492.98	1.18	ppb
Zirconium	91-1	498.26	493.70	499.14	497.04	0.59	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-07	Instrumnet Name :	P7
Client Sample ID :	SP19-LF3MW3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 20:03:50	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.37	9.47	12.26	10.37	15.85	ppb
Antimony	121-1	1.46	1.28	1.30	1.35	7.35	ppb
Arsenic	75-2	0.55	0.48	0.29	0.44	30.71	ppb
Barium	135-1	85.07	85.97	83.38	84.80	1.55	ppb
Barium	137-1	85.98	84.76	84.03	84.92	1.16	ppb
Beryllium	9-1	0.11	0.07	0.06	0.08	34.19	ppb
Bismuth	209-1				96		%
Bismuth	209-2				87		%
Boron	10-1	56.23	55.20	51.36	54.26	4.73	ppb
Boron	11-1	58.38	55.46	55.72	56.52	2.86	ppb
Cadmium	111-1	0.24	-0.05	0.09	0.09	154.78	ppb
Cadmium	106-1	-0.45	-3.21	-1.64	-1.76		ppb
Cadmium	108-1	0.38	0.30	0.29	0.33	14.63	ppb
Calcium	43-1	61392.87	60799.54	60432.41	60874.94	0.80	ppb
Calcium	44-1	62109.47	60908.60	61667.14	61561.74	0.99	ppb
Chromium	52-2	1.67	1.84	1.78	1.76	4.73	ppb
Cobalt	59-2	0.12	0.09	0.10	0.10	17.79	ppb
Copper	63-2	2.52	2.24	2.39	2.38	5.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				89		%
Indium	115-1				88		%
Indium	115-2				83		%
Iron	56-2	334.70	333.43	334.83	334.32	0.23	ppb
Iron	57-2	550.67	586.79	589.79	575.75	3.78	ppb
Krypton	83-1						cps
Lead	206-1	0.38	0.29	0.28	0.32	16.47	ppb
Lead	207-1	0.39	0.27	0.20	0.29	34.02	ppb
Lead	208-1	0.36	0.28	0.25	0.30	17.76	ppb
Lithium	6-1				79		%
Magnesium	24-2	19428.30	19636.75	19456.17	19507.07	0.58	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-07	Instrumnet Name :	P7
Client Sample ID :	SP19-LF3MW3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 20:03:50	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26.80	26.61	25.85	26.42	1.90	ppb
Molybdenum	94-1	0.87	0.75	0.61	0.74	17.54	ppb
Molybdenum	95-1	0.85	0.73	0.67	0.75	12.67	ppb
Molybdenum	96-1	0.85	0.75	0.67	0.76	11.38	ppb
Molybdenum	97-1	0.90	0.68	0.79	0.79	13.93	ppb
Molybdenum	98-1	0.85	0.68	0.68	0.74	13.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.36	0.33	0.40	0.36	8.86	ppb
Phosphorus	31-2	-16.11	-28.21	-31.87	-25.40		ppb
Potassium	39-2	457.81	459.39	450.98	456.06	0.98	ppb
Rhodium	103-1				84		%
Rhodium	103-2				85		%
Scandium	45-1				75		%
Scandium	45-2				69		%
Selenium	77-2	3.63	-0.36	0.98	1.42	143.13	ppb
Selenium	78-2	-1.19	-0.77	-0.08	-0.68		ppb
Selenium	82-1	0.54	-0.10	0.80	0.41	111.82	ppb
Silicon	28-1	5178.27	5175.97	5203.41	5185.89	0.29	ppb
Silver	109-1	0.27	0.29	0.23	0.26	11.14	ppb
Silver	107-1	0.39	0.31	0.23	0.31	26.48	ppb
Sodium	23-2	11729.97	11787.16	11770.39	11762.51	0.25	ppb
Strontium	86-1	1107.56	1082.49	1068.55	1086.20	1.82	ppb
Strontium	88-1	1118.31	1104.86	1108.03	1110.40	0.63	ppb
Sulfur	34-1	15136.40	15131.62	15321.99	15196.67	0.71	ppb
Terbium	159-1				94		%
Terbium	159-2				88		%
Thallium	203-1	0.36	0.26	0.23	0.28	24.13	ppb
Thallium	205-1	0.39	0.27	0.23	0.30	28.02	ppb
Thorium	232-1	0.16	0.14	0.13	0.14	9.04	ppb
Tin	118-1	1.85	1.76	1.72	1.78	3.61	ppb
Titanium	47-1	1.03	1.06	0.63	0.91	26.06	ppb
Uranium	238-1	0.52	0.55	0.51	0.53	3.52	ppb
Vanadium	51-2	0.66	0.56	0.66	0.63	9.17	ppb
Yttrium	89-1				84		%
Yttrium	89-2				80		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-07	Instrumnet Name :	P7
Client Sample ID :	SP19-LF3MW3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 20:03:50	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	15.44	14.49	15.21	15.05	3.28	ppb
Zirconium	90-1	0.13	0.09	0.10	0.11	17.35	ppb
Zirconium	91-1	0.07	0.11	0.04	0.07	48.69	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-08	Instrumnet Name :	P7
Client Sample ID :	SP19-LF3MW4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 20:07:26	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.15	7.51	7.37	7.01	10.67	ppb
Antimony	121-1	0.45	0.62	0.61	0.56	17.48	ppb
Arsenic	75-2	18.25	18.74	19.36	18.79	2.96	ppb
Barium	135-1	201.55	196.58	193.50	197.21	2.06	ppb
Barium	137-1	201.45	198.11	195.94	198.50	1.40	ppb
Beryllium	9-1	0.05	0.02	0.06	0.04	55.11	ppb
Bismuth	209-1				96		%
Bismuth	209-2				85		%
Boron	10-1	27.87	27.81	28.01	27.89	0.36	ppb
Boron	11-1	30.47	28.93	28.26	29.22	3.88	ppb
Cadmium	111-1	0.07	-0.06	-0.16	-0.05		ppb
Cadmium	106-1	-0.32	-1.92	-3.23	-1.82		ppb
Cadmium	108-1	0.14	-0.02	0.29	0.14	114.75	ppb
Calcium	43-1	157067.65	158086.12	155367.46	156840.41	0.88	ppb
Calcium	44-1	162065.49	162477.91	161789.74	162111.05	0.21	ppb
Chromium	52-2	1.59	1.66	1.59	1.61	2.55	ppb
Cobalt	59-2	2.69	2.43	2.51	2.54	5.24	ppb
Copper	63-2	1.63	1.81	1.79	1.74	5.64	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				94		%
Holmium	165-2				88		%
Indium	115-1				88		%
Indium	115-2				80		%
Iron	56-2	17540.96	17397.99	17490.33	17476.42	0.41	ppb
Iron	57-2	18545.97	18522.76	18557.04	18541.93	0.09	ppb
Krypton	83-1						cps
Lead	206-1	0.25	0.24	0.25	0.24	2.60	ppb
Lead	207-1	0.17	0.22	0.19	0.19	13.46	ppb
Lead	208-1	0.22	0.24	0.21	0.22	6.52	ppb
Lithium	6-1				74		%
Magnesium	24-2	18896.17	18809.88	18887.74	18864.60	0.25	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-08	Instrumnet Name :	P7
Client Sample ID :	SP19-LF3MW4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 20:07:26	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3566.69	3553.91	3595.12	3571.91	0.59	ppb
Molybdenum	94-1	1.98	2.03	2.16	2.06	4.38	ppb
Molybdenum	95-1	0.78	0.69	0.72	0.73	6.17	ppb
Molybdenum	96-1	0.90	1.02	0.92	0.95	6.72	ppb
Molybdenum	97-1	0.97	0.87	0.80	0.88	9.95	ppb
Molybdenum	98-1	0.72	0.68	0.64	0.68	5.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.44	1.71	1.43	1.53	10.20	ppb
Phosphorus	31-2	-10.00	-26.79	-34.88	-23.89		ppb
Potassium	39-2	1720.89	1709.46	1703.86	1711.40	0.51	ppb
Rhodium	103-1				82		%
Rhodium	103-2				83		%
Scandium	45-1				72		%
Scandium	45-2				65		%
Selenium	77-2	2.37	1.00	6.51	3.29	87.14	ppb
Selenium	78-2	-1.36	0.20	-1.12	-0.76		ppb
Selenium	82-1	0.55	1.09	0.63	0.76	38.47	ppb
Silicon	28-1	8550.95	8624.97	8607.50	8594.47	0.45	ppb
Silver	109-1	0.10	0.12	0.09	0.11	15.34	ppb
Silver	107-1	0.16	0.06	0.13	0.12	42.00	ppb
Sodium	23-2	3521.95	3485.16	3498.90	3502.00	0.53	ppb
Strontium	86-1	1033.75	1015.81	1014.53	1021.37	1.05	ppb
Strontium	88-1	1049.88	1053.12	1047.04	1050.01	0.29	ppb
Sulfur	34-1	5118.39	5142.27	4922.59	5061.08	2.38	ppb
Terbium	159-1				95		%
Terbium	159-2				88		%
Thallium	203-1	-0.02	0.02	-0.01	0.00		ppb
Thallium	205-1	0.02	-0.02	-0.01	0.00		ppb
Thorium	232-1	0.05	0.03	0.04	0.04	18.81	ppb
Tin	118-1	1.26	1.27	1.24	1.25	1.35	ppb
Titanium	47-1	1.11	1.56	1.38	1.35	16.85	ppb
Uranium	238-1	1.59	1.60	1.61	1.60	0.56	ppb
Vanadium	51-2	0.46	0.39	0.45	0.43	9.18	ppb
Yttrium	89-1				84		%
Yttrium	89-2				78		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-08	Instrumnet Name :	P7
Client Sample ID :	SP19-LF3MW4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 20:07:26	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	12.15	12.59	12.89	12.54	2.95	ppb
Zirconium	90-1	1.01	0.98	1.05	1.02	3.33	ppb
Zirconium	91-1	1.13	1.05	1.12	1.10	3.77	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3636-09 Instrumnet Name : P7
 Client Sample ID : SP19-JMW0941 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 20:11:03 DataFile Name : 092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.66	3.20	2.66	3.18	15.76	ppb
Antimony	121-1	0.58	0.57	0.54	0.56	3.72	ppb
Arsenic	75-2	0.37	0.46	0.57	0.47	21.33	ppb
Barium	135-1	20.10	20.54	20.08	20.24	1.28	ppb
Barium	137-1	19.96	19.89	20.44	20.09	1.49	ppb
Beryllium	9-1	0.04	0.02	0.05	0.04	35.11	ppb
Bismuth	209-1				97		%
Bismuth	209-2				85		%
Boron	10-1	13.62	13.52	13.18	13.44	1.72	ppb
Boron	11-1	13.70	13.61	13.50	13.60	0.73	ppb
Cadmium	111-1	-0.15	-0.13	-0.03	-0.10		ppb
Cadmium	106-1	-2.81	-3.39	-1.44	-2.55		ppb
Cadmium	108-1	-0.10	-0.02	-0.02	-0.05		ppb
Calcium	43-1	54436.60	54849.46	53868.58	54384.88	0.91	ppb
Calcium	44-1	54545.69	55342.24	55253.77	55047.23	0.79	ppb
Chromium	52-2	1.22	1.33	1.49	1.35	10.14	ppb
Cobalt	59-2	0.09	0.08	0.11	0.09	17.89	ppb
Copper	63-2	4.93	4.82	4.92	4.89	1.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				87		%
Indium	115-1				88		%
Indium	115-2				80		%
Iron	56-2	22.08	21.86	21.62	21.85	1.05	ppb
Iron	57-2	224.92	249.01	233.88	235.94	5.16	ppb
Krypton	83-1						cps
Lead	206-1	0.21	0.19	0.20	0.20	5.37	ppb
Lead	207-1	0.23	0.14	0.27	0.21	31.09	ppb
Lead	208-1	0.22	0.19	0.23	0.21	10.06	ppb
Lithium	6-1				72		%
Magnesium	24-2	12538.90	12574.45	12481.03	12531.46	0.38	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-09	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0941	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 20:11:03	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	12.55	13.28	13.10	12.98	2.95	ppb
Molybdenum	94-1	0.19	0.22	0.16	0.19	13.80	ppb
Molybdenum	95-1	0.22	0.22	0.20	0.22	4.67	ppb
Molybdenum	96-1	0.29	0.16	0.21	0.22	28.63	ppb
Molybdenum	97-1	0.28	0.23	0.14	0.22	31.20	ppb
Molybdenum	98-1	0.28	0.21	0.25	0.25	14.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.61	0.56	0.45	0.54	15.33	ppb
Phosphorus	31-2	-43.12	-25.97	-34.85	-34.65		ppb
Potassium	39-2	331.19	348.48	343.31	340.99	2.60	ppb
Rhodium	103-1				83		%
Rhodium	103-2				83		%
Scandium	45-1				70		%
Scandium	45-2				64		%
Selenium	77-2	2.43	-0.36	1.02	1.03	134.98	ppb
Selenium	78-2	-0.63	-0.64	-0.88	-0.72		ppb
Selenium	82-1	-0.10	0.37	0.62	0.30	123.75	ppb
Silicon	28-1	3023.01	3033.23	3042.84	3033.03	0.33	ppb
Silver	109-1	0.09	0.07	0.05	0.07	26.67	ppb
Silver	107-1	0.01	0.13	0.08	0.07	77.99	ppb
Sodium	23-2	2501.23	2511.17	2478.40	2496.93	0.67	ppb
Strontium	86-1	419.02	413.18	412.24	414.82	0.89	ppb
Strontium	88-1	427.14	425.18	428.59	426.97	0.40	ppb
Sulfur	34-1	3427.10	3589.74	3240.65	3419.16	5.11	ppb
Terbium	159-1				94		%
Terbium	159-2				86		%
Thallium	203-1	-0.01	-0.02	-0.03	-0.02		ppb
Thallium	205-1	-0.01	-0.02	-0.03	-0.02		ppb
Thorium	232-1	0.01	0.02	0.02	0.02	18.76	ppb
Tin	118-1	1.12	1.19	1.13	1.15	3.52	ppb
Titanium	47-1	0.66	0.67	0.41	0.58	25.27	ppb
Uranium	238-1	0.47	0.44	0.42	0.44	5.33	ppb
Vanadium	51-2	0.62	0.64	0.68	0.65	5.05	ppb
Yttrium	89-1				84		%
Yttrium	89-2				77		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-09	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0941	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 20:11:03	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	16.12	17.09	16.78	16.66	2.96	ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	7.63	ppb
Zirconium	91-1	0.02	0.02	0.01	0.02	29.88	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-10	Instrumnet Name :	P7
Client Sample ID :	SP19-MMW0002	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 20:14:39	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.87	38.62	42.04	39.51	5.62	ppb
Antimony	121-1	0.50	0.51	0.55	0.52	5.60	ppb
Arsenic	75-2	0.51	0.37	0.27	0.38	30.83	ppb
Barium	135-1	30.52	29.96	30.34	30.27	0.95	ppb
Barium	137-1	31.80	30.31	30.38	30.83	2.72	ppb
Beryllium	9-1	0.04	0.02	0.04	0.04	35.62	ppb
Bismuth	209-1				96		%
Bismuth	209-2				86		%
Boron	10-1	9.25	8.13	9.40	8.93	7.77	ppb
Boron	11-1	10.77	10.25	10.45	10.49	2.52	ppb
Cadmium	111-1	-0.13	-0.17	0.04	-0.09		ppb
Cadmium	106-1	-2.49	-3.02	-0.07	-1.86		ppb
Cadmium	108-1	0.22	-0.10	-0.02	0.03	512.73	ppb
Calcium	43-1	70770.24	69429.36	68594.79	69598.13	1.58	ppb
Calcium	44-1	72262.16	71341.71	70609.02	71404.30	1.16	ppb
Chromium	52-2	2.27	2.32	2.48	2.35	4.62	ppb
Cobalt	59-2	0.14	0.12	0.16	0.14	14.23	ppb
Copper	63-2	5.39	5.19	5.28	5.29	1.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				87		%
Indium	115-1				88		%
Indium	115-2				80		%
Iron	56-2	108.84	107.84	109.86	108.84	0.93	ppb
Iron	57-2	372.46	369.01	404.24	381.90	5.09	ppb
Krypton	83-1						cps
Lead	206-1	0.41	0.31	0.34	0.35	13.93	ppb
Lead	207-1	0.29	0.34	0.28	0.30	11.18	ppb
Lead	208-1	0.35	0.32	0.34	0.34	3.69	ppb
Lithium	6-1				71		%
Magnesium	24-2	10445.25	10281.00	10469.77	10398.67	0.99	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-10	Instrumnet Name :	P7
Client Sample ID :	SP19-MMW0002	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 20:14:39	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6.62	5.99	6.47	6.36	5.22	ppb
Molybdenum	94-1	0.23	0.34	0.27	0.28	19.54	ppb
Molybdenum	95-1	0.22	0.26	0.23	0.24	7.40	ppb
Molybdenum	96-1	0.24	0.24	0.27	0.25	7.29	ppb
Molybdenum	97-1	0.26	0.32	0.24	0.28	14.62	ppb
Molybdenum	98-1	0.24	0.25	0.27	0.25	4.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.98	0.77	0.97	0.91	13.02	ppb
Phosphorus	31-2	-26.28	-18.41	-17.92	-20.87		ppb
Potassium	39-2	1163.27	1159.33	1161.32	1161.31	0.17	ppb
Rhodium	103-1				83		%
Rhodium	103-2				83		%
Scandium	45-1				71		%
Scandium	45-2				64		%
Selenium	77-2	1.03	2.40	2.38	1.94	40.38	ppb
Selenium	78-2	-0.18	-0.66	-0.46	-0.43		ppb
Selenium	82-1	0.09	0.68	-0.03	0.25	154.79	ppb
Silicon	28-1	2707.63	2700.41	2684.51	2697.52	0.44	ppb
Silver	109-1	0.06	0.06	0.07	0.06	11.74	ppb
Silver	107-1	0.11	0.02	0.04	0.06	82.07	ppb
Sodium	23-2	6618.88	6466.53	6612.24	6565.88	1.31	ppb
Strontium	86-1	457.98	442.36	442.46	447.60	2.01	ppb
Strontium	88-1	465.63	463.18	459.88	462.90	0.62	ppb
Sulfur	34-1	2184.43	1874.88	1932.76	1997.36	8.24	ppb
Terbium	159-1				95		%
Terbium	159-2				87		%
Thallium	203-1	-0.01	-0.04	-0.03	-0.02		ppb
Thallium	205-1	-0.03	-0.03	-0.04	-0.03		ppb
Thorium	232-1	0.03	0.03	0.02	0.03	18.73	ppb
Tin	118-1	0.92	0.95	0.97	0.94	2.71	ppb
Titanium	47-1	1.82	1.62	1.47	1.64	10.76	ppb
Uranium	238-1	0.53	0.55	0.52	0.53	3.24	ppb
Vanadium	51-2	0.84	0.79	0.93	0.85	8.16	ppb
Yttrium	89-1				83		%
Yttrium	89-2				77		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-10	Instrumnet Name :	P7
Client Sample ID :	SP19-MMW0002	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 20:14:39	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	22.47	22.33	20.88	21.89	4.02	ppb
Zirconium	90-1	0.06	0.03	0.05	0.05	30.81	ppb
Zirconium	91-1	0.00	0.06	0.08	0.05	97.97	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-11	Instrumnet Name :	P7
Client Sample ID :	SP19-MMW0018B	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 20:18:16	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.03	37.44	37.40	38.29	3.93	ppb
Antimony	121-1	0.54	0.70	0.60	0.61	13.47	ppb
Arsenic	75-2	0.60	0.14	0.37	0.37	61.90	ppb
Barium	135-1	17.13	15.83	16.64	16.54	3.98	ppb
Barium	137-1	16.42	16.44	16.32	16.39	0.39	ppb
Beryllium	9-1	0.01	0.04	0.04	0.03	70.61	ppb
Bismuth	209-1				96		%
Bismuth	209-2				85		%
Boron	10-1	9.68	9.77	9.06	9.50	4.04	ppb
Boron	11-1	10.00	8.64	8.96	9.20	7.72	ppb
Cadmium	111-1	0.00	0.04	0.17	0.07	124.06	ppb
Cadmium	106-1	-3.05	-2.68	-2.13	-2.62		ppb
Cadmium	108-1	0.30	0.14	0.06	0.16	75.35	ppb
Calcium	43-1	68631.84	68209.27	69266.85	68702.65	0.77	ppb
Calcium	44-1	69991.40	70192.44	70852.50	70345.44	0.64	ppb
Chromium	52-2	1.75	1.71	1.87	1.78	4.78	ppb
Cobalt	59-2	0.10	0.08	0.08	0.09	12.40	ppb
Copper	63-2	2.86	3.06	2.81	2.91	4.47	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				93		%
Holmium	165-2				86		%
Indium	115-1				88		%
Indium	115-2				79		%
Iron	56-2	59.52	59.24	60.36	59.71	0.98	ppb
Iron	57-2	337.01	346.85	334.20	339.35	1.96	ppb
Krypton	83-1						cps
Lead	206-1	0.23	0.17	0.17	0.19	18.90	ppb
Lead	207-1	0.21	0.15	0.13	0.16	27.87	ppb
Lead	208-1	0.19	0.15	0.15	0.17	13.89	ppb
Lithium	6-1				70		%
Magnesium	24-2	10176.07	10125.88	10173.33	10158.42	0.28	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-11	Instrumnet Name :	P7
Client Sample ID :	SP19-MMW0018B	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 20:18:16	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.77	2.73	2.70	2.73	1.34	ppb
Molybdenum	94-1	0.11	0.11	0.13	0.11	11.32	ppb
Molybdenum	95-1	0.08	0.06	0.07	0.07	15.33	ppb
Molybdenum	96-1	0.07	0.08	0.08	0.08	12.49	ppb
Molybdenum	97-1	0.09	0.08	0.05	0.07	29.91	ppb
Molybdenum	98-1	0.05	0.06	0.10	0.07	33.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.41	0.44	0.47	0.44	7.43	ppb
Phosphorus	31-2	-17.21	-30.34	-34.40	-27.32		ppb
Potassium	39-2	688.10	683.29	683.74	685.04	0.39	ppb
Rhodium	103-1				82		%
Rhodium	103-2				83		%
Scandium	45-1				69		%
Scandium	45-2				63		%
Selenium	77-2	-0.36	2.42	1.04	1.04	133.98	ppb
Selenium	78-2	0.06	-0.64	-0.85	-0.48		ppb
Selenium	82-1	0.74	0.32	0.19	0.42	69.17	ppb
Silicon	28-1	2958.09	2949.63	2987.26	2964.99	0.67	ppb
Silver	109-1	0.08	0.05	0.04	0.05	36.13	ppb
Silver	107-1	0.06	0.10	0.06	0.07	34.79	ppb
Sodium	23-2	1762.11	1730.10	1760.26	1750.82	1.03	ppb
Strontium	86-1	404.37	402.26	399.97	402.20	0.55	ppb
Strontium	88-1	414.73	411.13	412.31	412.72	0.44	ppb
Sulfur	34-1	2824.82	2460.63	2443.68	2576.38	8.36	ppb
Terbium	159-1				95		%
Terbium	159-2				86		%
Thallium	203-1	-0.04	-0.04	-0.03	-0.04		ppb
Thallium	205-1	-0.03	-0.03	-0.04	-0.03		ppb
Thorium	232-1	0.04	0.04	0.03	0.04	14.19	ppb
Tin	118-1	1.03	1.11	0.96	1.03	7.52	ppb
Titanium	47-1	1.25	1.19	1.56	1.33	15.07	ppb
Uranium	238-1	0.28	0.26	0.23	0.25	10.07	ppb
Vanadium	51-2	0.72	0.73	0.66	0.70	4.97	ppb
Yttrium	89-1				82		%
Yttrium	89-2				76		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-11	Instrumnet Name :	P7
Client Sample ID :	SP19-MMW0018B	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 20:18:16	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	12.71	11.76	11.61	12.03	4.93	ppb
Zirconium	90-1	0.06	0.04	0.05	0.05	29.18	ppb
Zirconium	91-1	0.09	0.15	0.00	0.08	101.17	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3636-12 Instrumnet Name : P7
 Client Sample ID : SP19-JMW0980 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 20:21:53 DataFile Name : 095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.51	11.58	15.13	11.74	28.19	ppb
Antimony	121-1	0.55	0.54	0.50	0.53	4.63	ppb
Arsenic	75-2	17.41	15.78	17.91	17.03	6.53	ppb
Barium	135-1	230.41	229.07	228.43	229.30	0.44	ppb
Barium	137-1	237.95	229.10	227.39	231.48	2.45	ppb
Beryllium	9-1	0.04	0.04	0.03	0.04	9.16	ppb
Bismuth	209-1				95		%
Bismuth	209-2				83		%
Boron	10-1	121.64	121.31	126.60	123.18	2.41	ppb
Boron	11-1	127.09	126.79	129.26	127.71	1.05	ppb
Cadmium	111-1	0.37	0.09	0.31	0.26	58.08	ppb
Cadmium	106-1	-0.10	-2.82	-0.61	-1.18		ppb
Cadmium	108-1	0.38	0.06	0.53	0.32	74.43	ppb
Calcium	43-1	151115.97	152530.90	152025.86	151890.91	0.47	ppb
Calcium	44-1	155962.06	157790.46	158845.31	157532.61	0.93	ppb
Chromium	52-2	1.95	1.91	2.06	1.97	3.92	ppb
Cobalt	59-2	8.38	8.38	8.04	8.27	2.36	ppb
Copper	63-2	100.29	99.36	99.95	99.87	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				94		%
Holmium	165-2				86		%
Indium	115-1				86		%
Indium	115-2				77		%
Iron	56-2	22229.98	21960.73	21782.42	21991.04	1.02	ppb
Iron	57-2	23054.90	23148.89	22949.85	23051.21	0.43	ppb
Krypton	83-1						cps
Lead	206-1	1.18	1.19	1.22	1.20	1.45	ppb
Lead	207-1	1.09	1.06	1.20	1.11	6.45	ppb
Lead	208-1	1.12	1.14	1.21	1.16	4.00	ppb
Lithium	6-1				68		%
Magnesium	24-2	21367.34	21515.21	21426.06	21436.21	0.35	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-12	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0980	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 20:21:53	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	798.03	807.40	802.50	802.64	0.58	ppb
Molybdenum	94-1	1.61	1.54	1.57	1.57	2.12	ppb
Molybdenum	95-1	0.19	0.22	0.26	0.22	17.26	ppb
Molybdenum	96-1	0.41	0.54	0.48	0.48	13.25	ppb
Molybdenum	97-1	0.30	0.22	0.24	0.25	16.63	ppb
Molybdenum	98-1	0.26	0.22	0.22	0.23	8.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.02	13.45	13.76	13.74	2.09	ppb
Phosphorus	31-2	-25.21	0.53	7.82	-5.62		ppb
Potassium	39-2	7810.01	7867.48	7880.95	7852.82	0.48	ppb
Rhodium	103-1				80		%
Rhodium	103-2				80		%
Scandium	45-1				68		%
Scandium	45-2				62		%
Selenium	77-2	1.08	-0.36	1.03	0.59	139.08	ppb
Selenium	78-2	-0.07	1.05	-0.41	0.19	401.81	ppb
Selenium	82-1	0.23	1.14	0.56	0.64	71.47	ppb
Silicon	28-1	11421.03	11520.63	11616.01	11519.22	0.85	ppb
Silver	109-1	0.05	0.04	0.04	0.04	8.04	ppb
Silver	107-1	0.09	0.08	0.10	0.09	13.46	ppb
Sodium	23-2	12094.89	12100.98	12093.38	12096.41	0.03	ppb
Strontium	86-1	1272.50	1246.74	1244.65	1254.63	1.24	ppb
Strontium	88-1	1287.79	1278.40	1288.64	1284.94	0.44	ppb
Sulfur	34-1	-816.75	-778.96	-660.99	-752.23		ppb
Terbium	159-1				94		%
Terbium	159-2				85		%
Thallium	203-1	-0.03	-0.05	-0.04	-0.04		ppb
Thallium	205-1	-0.04	-0.04	-0.04	-0.04		ppb
Thorium	232-1	0.02	0.01	0.02	0.02	18.42	ppb
Tin	118-1	1.18	1.12	1.35	1.21	9.63	ppb
Titanium	47-1	3.01	3.19	3.25	3.15	3.97	ppb
Uranium	238-1	0.17	0.18	0.18	0.18	3.41	ppb
Vanadium	51-2	0.50	0.54	0.44	0.50	10.66	ppb
Yttrium	89-1				82		%
Yttrium	89-2				75		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-12	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0980	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 20:21:53	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	180.88	176.66	174.98	177.51	1.71	ppb
Zirconium	90-1	1.16	1.05	1.10	1.10	4.89	ppb
Zirconium	91-1	1.14	1.20	1.18	1.17	2.73	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3734-01DLX20	Instrumnet Name :	P7
Client Sample ID :	SP19-056-MW02DL	Dilution Factor :	20
Date & Time Acquired ::	2019-07-17 20:25:30	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.49	0.98	3.89	2.78	56.61	ppb
Antimony	121-1	0.06	0.07	0.10	0.08	23.46	ppb
Arsenic	75-2	2.15	1.70	2.02	1.96	11.89	ppb
Barium	135-1	5.87	5.79	6.17	5.94	3.38	ppb
Barium	137-1	6.50	5.82	5.86	6.06	6.24	ppb
Beryllium	9-1	0.01	0.01	0.03	0.02	51.14	ppb
Bismuth	209-1				97		%
Bismuth	209-2				90		%
Boron	10-1	8.47	7.74	7.60	7.94	5.93	ppb
Boron	11-1	7.94	7.63	6.66	7.41	9.00	ppb
Cadmium	111-1	-0.11	-0.16	0.04	-0.08		ppb
Cadmium	106-1	-1.50	-2.21	0.19	-1.17		ppb
Cadmium	108-1	0.07	-0.10	-0.02	-0.02		ppb
Calcium	43-1	5565.32	5370.94	5344.68	5426.98	2.22	ppb
Calcium	44-1	5601.09	5347.89	5429.24	5459.41	2.37	ppb
Chromium	52-2	0.23	0.23	0.15	0.20	21.79	ppb
Cobalt	59-2	0.38	0.38	0.33	0.36	8.80	ppb
Copper	63-2	1.33	1.10	1.10	1.18	11.56	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				92		%
Holmium	165-2				90		%
Indium	115-1				87		%
Indium	115-2				84		%
Iron	56-2	350.68	355.27	343.97	349.97	1.62	ppb
Iron	57-2	363.56	354.66	371.78	363.33	2.36	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.06	0.05	0.06	10.26	ppb
Lead	207-1	0.01	0.03	0.02	0.02	72.22	ppb
Lead	208-1	0.03	0.05	0.03	0.04	24.86	ppb
Lithium	6-1				71		%
Magnesium	24-2	528.39	533.34	518.05	526.59	1.48	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3734-01DLX20	Instrumnet Name :	P7
Client Sample ID :	SP19-056-MW02DL	Dilution Factor :	20
Date & Time Acquired ::	2019-07-17 20:25:30	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	729.20	730.14	722.89	727.41	0.54	ppb
Molybdenum	94-1	0.09	0.11	0.13	0.11	17.48	ppb
Molybdenum	95-1	0.04	0.06	0.05	0.05	21.72	ppb
Molybdenum	96-1	0.06	0.04	0.04	0.05	31.34	ppb
Molybdenum	97-1	0.05	0.02	0.08	0.05	55.69	ppb
Molybdenum	98-1	0.05	0.07	0.06	0.06	17.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.34	0.34	0.23	0.30	19.75	ppb
Phosphorus	31-2	-31.29	-35.23	-39.58	-35.36		ppb
Potassium	39-2	13.98	22.35	17.88	18.07	23.18	ppb
Rhodium	103-1				84		%
Rhodium	103-2				87		%
Scandium	45-1				71		%
Scandium	45-2				67		%
Selenium	77-2	-0.36	-0.36	2.29	0.53	290.17	ppb
Selenium	78-2	-1.17	-1.84	0.33	-0.90		ppb
Selenium	82-1	0.34	0.58	0.04	0.32	84.20	ppb
Silicon	28-1	337.60	319.29	322.93	326.61	2.97	ppb
Silver	109-1	0.02	0.02	0.02	0.02	13.21	ppb
Silver	107-1	0.02	0.01	0.03	0.02	30.52	ppb
Sodium	23-2	687.34	705.77	676.79	689.97	2.13	ppb
Strontium	86-1	45.60	42.70	42.69	43.66	3.84	ppb
Strontium	88-1	47.29	43.87	44.02	45.06	4.29	ppb
Sulfur	34-1	-143.17	-479.79	-538.95	-387.30		ppb
Terbium	159-1				93		%
Terbium	159-2				89		%
Thallium	203-1	-0.05	-0.05	-0.04	-0.04		ppb
Thallium	205-1	-0.05	-0.05	-0.04	-0.05		ppb
Thorium	232-1	0.00	0.01	0.00	0.00	45.25	ppb
Tin	118-1	0.04	0.05	0.03	0.04	13.63	ppb
Titanium	47-1	0.09	0.13	0.09	0.10	19.11	ppb
Uranium	238-1	0.04	0.03	0.04	0.04	19.01	ppb
Vanadium	51-2	0.06	0.06	0.04	0.05	16.23	ppb
Yttrium	89-1				83		%
Yttrium	89-2				80		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3734-01DLX20	Instrumnet Name :	P7
Client Sample ID :	SP19-056-MW02DL	Dilution Factor :	20
Date & Time Acquired ::	2019-07-17 20:25:30	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.87	1.83	1.51	1.74	11.46	ppb
Zirconium	90-1	0.03	0.02	0.03	0.02	21.01	ppb
Zirconium	91-1	0.01	0.05	0.05	0.04	72.42	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-02DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0961DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 20:29:06	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.68	2.14	2.38	3.07	45.82	ppb
Antimony	121-1	0.17	0.15	0.11	0.14	19.04	ppb
Arsenic	75-2	2.39	2.12	1.95	2.15	10.36	ppb
Barium	135-1	30.40	28.26	31.06	29.91	4.90	ppb
Barium	137-1	31.00	29.69	29.91	30.20	2.32	ppb
Beryllium	9-1	0.03	0.01	0.02	0.02	50.30	ppb
Bismuth	209-1				97		%
Bismuth	209-2				88		%
Boron	10-1	9.93	10.68	9.17	9.92	7.62	ppb
Boron	11-1	10.28	10.28	11.13	10.56	4.64	ppb
Cadmium	111-1	-0.17	0.00	-0.22	-0.13		ppb
Cadmium	106-1	-1.91	-0.07	-2.91	-1.63		ppb
Cadmium	108-1	0.22	-0.02	0.06	0.09	141.10	ppb
Calcium	43-1	32769.56	32654.24	31692.93	32372.24	1.83	ppb
Calcium	44-1	32937.56	33234.87	32640.41	32937.61	0.90	ppb
Chromium	52-2	0.42	0.37	0.41	0.40	6.75	ppb
Cobalt	59-2	0.43	0.41	0.37	0.40	7.89	ppb
Copper	63-2	0.68	0.49	0.66	0.61	17.13	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				93		%
Holmium	165-2				89		%
Indium	115-1				89		%
Indium	115-2				83		%
Iron	56-2	2506.57	2515.46	2500.22	2507.41	0.31	ppb
Iron	57-2	2674.65	2675.58	2656.02	2668.75	0.41	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.09	0.02	0.05	77.92	ppb
Lead	207-1	0.01	0.01	0.02	0.02	37.48	ppb
Lead	208-1	0.02	0.05	0.02	0.03	56.07	ppb
Lithium	6-1				72		%
Magnesium	24-2	2415.37	2365.54	2359.61	2380.17	1.29	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-02DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0961DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 20:29:06	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	414.14	415.98	416.81	415.64	0.33	ppb
Molybdenum	94-1	0.24	0.20	0.14	0.19	26.06	ppb
Molybdenum	95-1	0.01	0.02	0.03	0.02	55.22	ppb
Molybdenum	96-1	0.05	0.09	0.05	0.06	35.84	ppb
Molybdenum	97-1	0.10	0.00	0.01	0.03	156.08	ppb
Molybdenum	98-1	0.03	0.01	0.01	0.02	55.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.79	0.65	0.89	0.78	15.49	ppb
Phosphorus	31-2	-18.74	-26.97	-14.51	-20.07		ppb
Potassium	39-2	432.56	425.57	425.29	427.81	0.96	ppb
Rhodium	103-1				84		%
Rhodium	103-2				85		%
Scandium	45-1				72		%
Scandium	45-2				66		%
Selenium	77-2	-0.36	-0.36	-0.36	-0.36		ppb
Selenium	78-2	-2.26	-0.94	-0.05	-1.08		ppb
Selenium	82-1	0.83	0.02	0.23	0.36	117.82	ppb
Silicon	28-1	1350.09	1360.06	1351.52	1353.89	0.40	ppb
Silver	109-1	0.03	0.01	0.03	0.02	38.51	ppb
Silver	107-1	0.03	0.04	0.04	0.03	18.19	ppb
Sodium	23-2	1282.71	1281.55	1265.86	1276.71	0.74	ppb
Strontium	86-1	186.44	181.72	178.65	182.27	2.15	ppb
Strontium	88-1	185.28	180.00	181.39	182.23	1.50	ppb
Sulfur	34-1	-821.57	-978.64	-811.94	-870.72		ppb
Terbium	159-1				94		%
Terbium	159-2				87		%
Thallium	203-1	-0.05	-0.04	-0.04	-0.04		ppb
Thallium	205-1	-0.04	-0.05	-0.04	-0.04		ppb
Thorium	232-1	0.01	0.00	0.00	0.00	80.48	ppb
Tin	118-1	0.12	0.08	0.13	0.11	26.05	ppb
Titanium	47-1	0.19	0.21	0.22	0.21	6.70	ppb
Uranium	238-1	0.14	0.10	0.11	0.12	14.98	ppb
Vanadium	51-2	0.10	0.07	0.10	0.09	15.55	ppb
Yttrium	89-1				84		%
Yttrium	89-2				79		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-02DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0961DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 20:29:06	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	3.17	2.74	2.41	2.77	13.90	ppb
Zirconium	90-1	0.15	0.12	0.11	0.13	17.39	ppb
Zirconium	91-1	0.14	0.05	0.04	0.08	68.13	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P7
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 20:33:58	DataFile Name :	098CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48437.93	45670.40	48667.36	47591.90	3.50	ppb
Antimony	121-1	497.04	491.18	491.28	493.16	0.68	ppb
Arsenic	75-2	485.32	460.79	485.29	477.13	2.97	ppb
Barium	135-1	2364.10	2357.87	2342.63	2354.86	0.47	ppb
Barium	137-1	2413.03	2389.59	2400.30	2400.97	0.49	ppb
Beryllium	9-1	470.26	473.29	469.97	471.17	0.39	ppb
Bismuth	209-1				83		%
Bismuth	209-2				83		%
Boron	10-1	449.10	467.27	461.99	459.46	2.03	ppb
Boron	11-1	452.51	469.84	468.03	463.46	2.06	ppb
Cadmium	111-1	459.32	452.02	447.03	452.79	1.36	ppb
Cadmium	106-1	460.33	436.31	446.02	447.55	2.70	ppb
Cadmium	108-1	448.77	446.30	449.93	448.33	0.41	ppb
Calcium	43-1	238954.22	241155.34	239930.31	240013.29	0.46	ppb
Calcium	44-1	240715.19	240900.60	239462.90	240359.56	0.33	ppb
Chromium	52-2	530.99	499.75	534.46	521.73	3.66	ppb
Cobalt	59-2	533.01	498.15	532.16	521.11	3.82	ppb
Copper	63-2	1090.32	1023.50	1093.29	1069.04	3.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				88		%
Holmium	165-2				92		%
Indium	115-1				79		%
Indium	115-2				84		%
Iron	56-2	131925.63	122035.96	130122.63	128028.07	4.11	ppb
Iron	57-2	131742.68	122673.57	130086.26	128167.50	3.77	ppb
Krypton	83-1						cps
Lead	206-1	484.25	493.27	490.82	489.45	0.95	ppb
Lead	207-1	492.97	501.04	498.72	497.58	0.84	ppb
Lead	208-1	495.93	501.98	501.48	499.80	0.67	ppb
Lithium	6-1				70		%
Magnesium	24-2	230541.17	215980.77	228601.85	225041.26	3.51	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P7
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 20:33:58	DataFile Name :	098CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1033.37	966.37	1040.12	1013.28	4.02	ppb
Molybdenum	94-1	2450.70	2452.56	2454.09	2452.45	0.07	ppb
Molybdenum	95-1	2434.77	2427.90	2439.45	2434.04	0.24	ppb
Molybdenum	96-1	2453.33	2447.98	2445.87	2449.06	0.16	ppb
Molybdenum	97-1	2446.47	2444.67	2432.58	2441.24	0.31	ppb
Molybdenum	98-1	2460.12	2438.73	2459.49	2452.78	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	536.16	498.46	529.56	521.39	3.86	ppb
Phosphorus	31-2	8804.77	8369.08	9049.24	8741.03	3.94	ppb
Potassium	39-2	116625.54	108528.92	116302.51	113818.99	4.03	ppb
Rhodium	103-1				74		%
Rhodium	103-2				81		%
Scandium	45-1				70		%
Scandium	45-2				71		%
Selenium	77-2	469.49	443.33	464.36	459.06	3.02	ppb
Selenium	78-2	449.14	429.49	441.06	439.90	2.25	ppb
Selenium	82-1	454.32	455.80	462.65	457.59	0.97	ppb
Silicon	28-1	482.05	499.60	501.49	494.38	2.17	ppb
Silver	109-1	472.84	470.12	469.66	470.87	0.37	ppb
Silver	107-1	472.95	468.79	474.11	471.95	0.59	ppb
Sodium	23-2	232000.94	217850.03	230619.09	226823.36	3.44	ppb
Strontium	86-1	489.80	491.19	487.25	489.41	0.41	ppb
Strontium	88-1	494.22	495.95	495.32	495.16	0.18	ppb
Sulfur	34-1	10037.49	9890.83	9781.79	9903.37	1.30	ppb
Terbium	159-1				89		%
Terbium	159-2				91		%
Thallium	203-1	483.19	488.56	491.48	487.74	0.86	ppb
Thallium	205-1	494.56	506.23	503.33	501.37	1.21	ppb
Thorium	232-1	524.71	535.57	533.54	531.28	1.09	ppb
Tin	118-1	468.03	463.72	465.64	465.80	0.46	ppb
Titanium	47-1	2382.02	2385.96	2373.91	2380.63	0.26	ppb
Uranium	238-1	525.32	537.30	539.03	533.88	1.40	ppb
Vanadium	51-2	524.45	490.79	522.83	512.69	3.70	ppb
Yttrium	89-1				80		%
Yttrium	89-2				84		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P7
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 20:33:58	DataFile Name :	098CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1024.32	952.75	1004.03	993.70	3.71	ppb
Zirconium	90-1	498.06	493.09	493.01	494.72	0.58	ppb
Zirconium	91-1	498.50	493.87	496.41	496.26	0.47	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P7
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 20:45:04	DataFile Name :	101CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.04	0.03	-0.41	-0.11		ppb
Antimony	121-1	0.03	0.03	0.01	0.02	50.53	ppb
Arsenic	75-2	0.00	0.00	-0.02	-0.01		ppb
Barium	135-1	-0.01	0.03	-0.01	0.01	445.34	ppb
Barium	137-1	-0.01	-0.01	0.02	0.00	1960.52	ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	47.94	ppb
Bismuth	209-1				95		%
Bismuth	209-2				88		%
Boron	10-1	3.55	4.20	3.81	3.85	8.51	ppb
Boron	11-1	4.02	4.29	3.13	3.81	15.96	ppb
Cadmium	111-1	0.00	-0.13	-0.14	-0.09		ppb
Cadmium	106-1	-0.07	-1.84	-1.64	-1.18		ppb
Cadmium	108-1	-0.02	-0.10	0.06	-0.02		ppb
Calcium	43-1	-1.06	2.31	-0.30	0.32	555.05	ppb
Calcium	44-1	1.96	1.49	1.13	1.53	27.21	ppb
Chromium	52-2	0.08	0.17	0.04	0.10	64.05	ppb
Cobalt	59-2	0.00	0.01	-0.01	0.00		ppb
Copper	63-2	0.15	0.12	0.05	0.11	44.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				89		%
Indium	115-1				87		%
Indium	115-2				85		%
Iron	56-2	0.27	0.39	0.37	0.35	18.82	ppb
Iron	57-2	-2.53	-0.14	0.24	-0.81		ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.01	0.00	114.90	ppb
Lead	207-1	-0.01	-0.03	-0.03	-0.02		ppb
Lead	208-1	0.00	-0.01	-0.01	-0.01		ppb
Lithium	6-1				75		%
Magnesium	24-2	0.13	0.31	0.22	0.22	39.88	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : CCB12 Instrumnet Name : P7
 Client Sample ID : CCB12 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 20:45:04 DataFile Name : 101CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.05	0.04	0.04	0.05	10.28	ppb
Molybdenum	94-1	0.04	0.04	0.02	0.03	38.83	ppb
Molybdenum	95-1	0.00	0.00	0.02	0.01	72.13	ppb
Molybdenum	96-1	0.01	0.01	0.02	0.01	20.29	ppb
Molybdenum	97-1	-0.01	0.03	0.00	0.01	278.02	ppb
Molybdenum	98-1	0.01	0.03	0.01	0.02	38.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.01	0.03	0.03	48.25	ppb
Phosphorus	31-2	-31.66	-43.82	-35.95	-37.14		ppb
Potassium	39-2	-8.44	-12.77	-12.73	-11.32		ppb
Rhodium	103-1				84		%
Rhodium	103-2				87		%
Scandium	45-1				72		%
Scandium	45-2				69		%
Selenium	77-2	0.95	0.95	-0.36	0.52	146.13	ppb
Selenium	78-2	0.08	-0.14	-1.21	-0.42		ppb
Selenium	82-1	0.37	0.27	0.05	0.23	69.86	ppb
Silicon	28-1	-0.09	-0.31	0.34	-0.02		ppb
Silver	109-1	0.01	0.02	0.02	0.02	17.51	ppb
Silver	107-1	0.03	0.00	0.01	0.01	151.41	ppb
Sodium	23-2	10.98	9.60	9.90	10.16	7.13	ppb
Strontium	86-1	0.02	-0.02	-0.08	-0.03		ppb
Strontium	88-1	0.01	0.02	0.01	0.01	25.15	ppb
Sulfur	34-1	-184.84	-412.98	-320.13	-305.99		ppb
Terbium	159-1				92		%
Terbium	159-2				88		%
Thallium	203-1	-0.03	-0.03	-0.04	-0.04		ppb
Thallium	205-1	-0.02	-0.02	-0.04	-0.03		ppb
Thorium	232-1	0.01	0.01	0.01	0.01	21.51	ppb
Tin	118-1	-0.01	-0.02	-0.03	-0.02		ppb
Titanium	47-1	0.05	0.02	-0.04	0.01	412.02	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.02	0.01	0.00	0.01	116.48	ppb
Yttrium	89-1				83		%
Yttrium	89-2				81		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P7
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 20:45:04	DataFile Name :	101CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.11	-0.11	-0.05	-0.02		ppb
Zirconium	90-1	0.01	0.00	0.02	0.01	69.33	ppb
Zirconium	91-1	-0.02	0.00	0.03	0.00	2647.51	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3636-03DLX5 Instrumnet Name : P7
 Client Sample ID : SP19-JMW0961-9001DL Dilution Factor : 5
 Date & Time Acquired :: 2019-07-17 20:48:40 DataFile Name : 102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.51	2.56	3.17	3.08	15.72	ppb
Antimony	121-1	0.16	0.14	0.18	0.16	12.02	ppb
Arsenic	75-2	2.23	1.88	2.00	2.04	8.50	ppb
Barium	135-1	29.37	30.05	28.97	29.46	1.85	ppb
Barium	137-1	30.97	30.53	28.10	29.87	5.18	ppb
Beryllium	9-1	0.01	0.03	0.01	0.01	69.72	ppb
Bismuth	209-1				95		%
Bismuth	209-2				87		%
Boron	10-1	9.30	10.27	11.26	10.28	9.53	ppb
Boron	11-1	9.87	9.81	9.75	9.81	0.64	ppb
Cadmium	111-1	-0.14	-0.13	-0.21	-0.16		ppb
Cadmium	106-1	-1.69	-1.71	-2.72	-2.04		ppb
Cadmium	108-1	-0.02	-0.10	-0.10	-0.07		ppb
Calcium	43-1	33226.90	32606.79	32598.96	32810.88	1.10	ppb
Calcium	44-1	33209.77	33108.76	33180.27	33166.27	0.16	ppb
Chromium	52-2	0.48	0.52	0.48	0.49	4.72	ppb
Cobalt	59-2	0.36	0.37	0.39	0.37	3.74	ppb
Copper	63-2	0.53	0.53	0.56	0.54	3.46	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				88		%
Indium	115-1				87		%
Indium	115-2				83		%
Iron	56-2	2461.57	2455.08	2416.67	2444.44	0.99	ppb
Iron	57-2	2626.33	2582.85	2575.49	2594.89	1.06	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.05	0.05	0.06	21.02	ppb
Lead	207-1	0.02	0.07	0.00	0.03	111.64	ppb
Lead	208-1	0.05	0.04	0.03	0.04	23.34	ppb
Lithium	6-1				74		%
Magnesium	24-2	2428.12	2355.24	2323.74	2369.03	2.26	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3636-03DLX5 Instrumnet Name : P7
 Client Sample ID : SP19-JMW0961-9001DL Dilution Factor : 5
 Date & Time Acquired :: 2019-07-17 20:48:40 DataFile Name : 102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	413.34	407.40	400.69	407.14	1.55	ppb
Molybdenum	94-1	0.22	0.29	0.28	0.27	14.79	ppb
Molybdenum	95-1	0.05	0.05	0.05	0.05	5.66	ppb
Molybdenum	96-1	0.10	0.07	0.08	0.08	18.84	ppb
Molybdenum	97-1	0.03	0.06	0.07	0.05	32.87	ppb
Molybdenum	98-1	0.07	0.06	0.04	0.06	25.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.65	0.75	0.77	0.72	9.15	ppb
Phosphorus	31-2	-31.16	-35.44	-23.85	-30.15		ppb
Potassium	39-2	431.87	443.63	443.66	439.72	1.55	ppb
Rhodium	103-1				83		%
Rhodium	103-2				85		%
Scandium	45-1				71		%
Scandium	45-2				67		%
Selenium	77-2	-0.36	-0.36	-0.36	-0.36		ppb
Selenium	78-2	-0.70	-0.93	-1.19	-0.94		ppb
Selenium	82-1	-0.20	0.31	0.35	0.16	197.75	ppb
Silicon	28-1	1382.92	1393.99	1390.16	1389.03	0.40	ppb
Silver	109-1	0.04	0.03	0.04	0.04	16.53	ppb
Silver	107-1	0.07	0.04	0.04	0.05	36.17	ppb
Sodium	23-2	1310.19	1296.07	1281.54	1295.93	1.11	ppb
Strontium	86-1	184.85	180.24	183.40	182.83	1.29	ppb
Strontium	88-1	182.85	181.72	179.40	181.32	0.97	ppb
Sulfur	34-1	-210.87	-324.56	-313.29	-282.91		ppb
Terbium	159-1				92		%
Terbium	159-2				88		%
Thallium	203-1	-0.01	-0.02	-0.03	-0.02		ppb
Thallium	205-1	-0.02	0.00	-0.02	-0.02		ppb
Thorium	232-1	0.00	0.00	0.01	0.01	71.80	ppb
Tin	118-1	0.14	0.11	0.08	0.11	25.77	ppb
Titanium	47-1	0.17	0.14	0.18	0.17	12.20	ppb
Uranium	238-1	0.12	0.10	0.11	0.11	9.57	ppb
Vanadium	51-2	0.10	0.09	0.06	0.08	26.48	ppb
Yttrium	89-1				83		%
Yttrium	89-2				79		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-03DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0961-9001DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 20:48:40	DataFile Name :	102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	9.69	11.35	10.64	10.56	7.89	ppb
Zirconium	90-1	0.14	0.08	0.14	0.12	30.93	ppb
Zirconium	91-1	0.15	0.08	0.10	0.11	34.11	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3636-04DLX5 Instrumnet Name : P7
 Client Sample ID : SP19-JMW0991DL Dilution Factor : 5
 Date & Time Acquired :: 2019-07-17 20:52:17 DataFile Name : 103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.52	7.64	5.91	6.36	17.78	ppb
Antimony	121-1	0.15	0.12	0.12	0.13	13.76	ppb
Arsenic	75-2	4.72	5.01	5.04	4.92	3.62	ppb
Barium	135-1	35.02	34.70	34.68	34.80	0.54	ppb
Barium	137-1	36.15	34.94	35.15	35.41	1.82	ppb
Beryllium	9-1	0.01	0.03	0.01	0.02	92.68	ppb
Bismuth	209-1				96		%
Bismuth	209-2				88		%
Boron	10-1	6.98	5.97	6.81	6.59	8.22	ppb
Boron	11-1	6.39	7.03	7.08	6.83	5.64	ppb
Cadmium	111-1	-0.20	-0.10	-0.14	-0.15		ppb
Cadmium	106-1	-2.76	-1.72	-2.31	-2.26		ppb
Cadmium	108-1	-0.02	-0.10	0.06	-0.02		ppb
Calcium	43-1	34871.98	34521.18	34310.41	34567.86	0.82	ppb
Calcium	44-1	34973.99	35318.14	35392.42	35228.18	0.63	ppb
Chromium	52-2	0.38	0.38	0.47	0.41	12.72	ppb
Cobalt	59-2	1.21	1.18	1.19	1.19	1.58	ppb
Copper	63-2	0.73	0.59	0.74	0.68	12.50	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				93		%
Holmium	165-2				89		%
Indium	115-1				88		%
Indium	115-2				83		%
Iron	56-2	2648.30	2674.94	2660.13	2661.12	0.50	ppb
Iron	57-2	2811.36	2861.83	2826.46	2833.22	0.91	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.04	0.07	0.06	31.45	ppb
Lead	207-1	0.00	0.03	0.06	0.03	91.73	ppb
Lead	208-1	0.04	0.02	0.05	0.04	33.48	ppb
Lithium	6-1				75		%
Magnesium	24-2	3650.89	3645.27	3611.06	3635.74	0.59	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-04DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 20:52:17	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	523.52	525.37	524.75	524.55	0.18	ppb
Molybdenum	94-1	0.30	0.31	0.41	0.34	17.66	ppb
Molybdenum	95-1	0.11	0.13	0.08	0.11	20.78	ppb
Molybdenum	96-1	0.14	0.16	0.14	0.15	7.91	ppb
Molybdenum	97-1	0.06	0.09	0.06	0.07	19.40	ppb
Molybdenum	98-1	0.09	0.09	0.11	0.10	15.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.86	1.34	1.09	1.10	21.79	ppb
Phosphorus	31-2	-27.34	-31.20	-19.55	-26.03		ppb
Potassium	39-2	369.92	362.79	357.76	363.49	1.68	ppb
Rhodium	103-1				84		%
Rhodium	103-2				86		%
Scandium	45-1				73		%
Scandium	45-2				67		%
Selenium	77-2	0.98	0.98	0.98	0.98	0.21	ppb
Selenium	78-2	-0.08	-0.52	-0.52	-0.37		ppb
Selenium	82-1	0.08	0.42	0.40	0.30	63.90	ppb
Silicon	28-1	1614.23	1621.67	1617.78	1617.89	0.23	ppb
Silver	109-1	0.02	0.04	0.02	0.02	55.49	ppb
Silver	107-1	0.05	0.03	0.04	0.04	20.73	ppb
Sodium	23-2	707.23	719.36	705.04	710.54	1.09	ppb
Strontium	86-1	211.43	205.32	209.53	208.76	1.50	ppb
Strontium	88-1	209.19	208.51	206.26	207.99	0.74	ppb
Sulfur	34-1	888.04	987.80	679.79	851.87	18.45	ppb
Terbium	159-1				94		%
Terbium	159-2				88		%
Thallium	203-1	-0.04	-0.04	-0.04	-0.04		ppb
Thallium	205-1	-0.03	-0.04	-0.03	-0.03		ppb
Thorium	232-1	0.01	0.01	0.01	0.01	16.50	ppb
Tin	118-1	0.11	0.10	0.14	0.12	17.99	ppb
Titanium	47-1	0.30	0.27	0.26	0.28	7.88	ppb
Uranium	238-1	0.23	0.27	0.25	0.25	7.33	ppb
Vanadium	51-2	0.11	0.09	0.09	0.10	13.77	ppb
Yttrium	89-1				84		%
Yttrium	89-2				80		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-04DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 20:52:17	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	3.21	2.97	3.78	3.32	12.61	ppb
Zirconium	90-1	0.24	0.20	0.22	0.22	9.66	ppb
Zirconium	91-1	0.19	0.22	0.20	0.20	8.01	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-04DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 20:55:53	DataFile Name :	104SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.33	5.51	4.07	4.97	15.77	ppb
Antimony	121-1	0.09	0.09	0.13	0.10	22.40	ppb
Arsenic	75-2	4.75	5.04	5.22	5.00	4.75	ppb
Barium	135-1	35.54	34.70	35.54	35.26	1.38	ppb
Barium	137-1	35.53	35.31	35.62	35.49	0.45	ppb
Beryllium	9-1	0.02	0.03	0.03	0.03	34.90	ppb
Bismuth	209-1				96		%
Bismuth	209-2				88		%
Boron	10-1	6.44	5.79	7.83	6.68	15.58	ppb
Boron	11-1	6.26	6.09	6.47	6.27	3.06	ppb
Cadmium	111-1	-0.16	-0.17	-0.19	-0.18		ppb
Cadmium	106-1	-2.15	-2.48	-2.46	-2.36		ppb
Cadmium	108-1	0.06	-0.10	-0.10	-0.05		ppb
Calcium	43-1	34745.31	33983.87	34846.97	34525.38	1.37	ppb
Calcium	44-1	35170.96	34659.42	35691.00	35173.79	1.47	ppb
Chromium	52-2	0.46	0.46	0.35	0.43	14.41	ppb
Cobalt	59-2	1.24	1.18	1.21	1.21	2.70	ppb
Copper	63-2	0.56	0.52	0.63	0.57	10.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				89		%
Indium	115-1				88		%
Indium	115-2				83		%
Iron	56-2	2633.67	2627.13	2629.53	2630.11	0.13	ppb
Iron	57-2	2800.81	2744.75	2739.79	2761.78	1.23	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.05	0.04	0.05	15.27	ppb
Lead	207-1	0.07	0.00	0.03	0.03	92.24	ppb
Lead	208-1	0.04	0.03	0.04	0.04	15.65	ppb
Lithium	6-1				74		%
Magnesium	24-2	3604.47	3595.99	3596.79	3599.08	0.13	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3636-04DUPDLX5 Instrumnet Name : P7
 Client Sample ID : SP19-JMW0991DUPDL Dilution Factor : 5
 Date & Time Acquired :: 2019-07-17 20:55:53 DataFile Name : 104SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	516.30	516.58	516.65	516.51	0.04	ppb
Molybdenum	94-1	0.36	0.29	0.25	0.30	18.80	ppb
Molybdenum	95-1	0.11	0.11	0.07	0.10	23.51	ppb
Molybdenum	96-1	0.14	0.11	0.17	0.14	20.73	ppb
Molybdenum	97-1	0.06	0.03	0.07	0.06	37.95	ppb
Molybdenum	98-1	0.08	0.06	0.05	0.06	24.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	0.99	1.11	1.03	6.61	ppb
Phosphorus	31-2	-47.55	-39.50	-31.75	-39.60		ppb
Potassium	39-2	363.13	373.78	363.10	366.67	1.68	ppb
Rhodium	103-1				84		%
Rhodium	103-2				86		%
Scandium	45-1				71		%
Scandium	45-2				67		%
Selenium	77-2	2.34	0.99	-0.36	0.99	135.92	ppb
Selenium	78-2	-1.16	-1.16	-0.36	-0.89		ppb
Selenium	82-1	0.57	0.20	0.30	0.36	53.55	ppb
Silicon	28-1	1623.03	1625.34	1630.22	1626.20	0.23	ppb
Silver	109-1	0.04	0.02	0.04	0.03	42.68	ppb
Silver	107-1	0.02	0.06	0.01	0.03	104.69	ppb
Sodium	23-2	714.44	702.09	707.02	707.85	0.88	ppb
Strontium	86-1	210.20	207.28	207.01	208.16	0.85	ppb
Strontium	88-1	206.16	207.31	204.93	206.13	0.58	ppb
Sulfur	34-1	603.77	635.72	786.19	675.23	14.43	ppb
Terbium	159-1				93		%
Terbium	159-2				88		%
Thallium	203-1	-0.03	-0.04	-0.04	-0.04		ppb
Thallium	205-1	-0.04	-0.04	-0.04	-0.04		ppb
Thorium	232-1	0.00	0.00	0.01	0.01	60.42	ppb
Tin	118-1	0.11	0.07	0.07	0.09	29.50	ppb
Titanium	47-1	0.19	0.14	0.26	0.20	30.68	ppb
Uranium	238-1	0.27	0.24	0.23	0.25	9.24	ppb
Vanadium	51-2	0.10	0.08	0.08	0.09	16.87	ppb
Yttrium	89-1				83		%
Yttrium	89-2				80		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-04DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 20:55:53	DataFile Name :	104SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	3.26	3.39	2.99	3.21	6.25	ppb
Zirconium	90-1	0.22	0.21	0.22	0.22	2.96	ppb
Zirconium	91-1	0.23	0.19	0.29	0.23	22.04	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-04LDLX25	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991LDL	Dilution Factor :	25
Date & Time Acquired ::	2019-07-17 20:59:30	DataFile Name :	105SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.50	1.17	1.39	1.02	45.55	ppb
Antimony	121-1	0.00	0.03	0.01	0.02	89.21	ppb
Arsenic	75-2	0.96	1.29	0.76	1.00	26.69	ppb
Barium	135-1	6.92	6.99	7.10	7.01	1.30	ppb
Barium	137-1	6.84	7.31	7.02	7.06	3.35	ppb
Beryllium	9-1	0.02	0.02	0.03	0.02	32.65	ppb
Bismuth	209-1				95		%
Bismuth	209-2				87		%
Boron	10-1	1.94	2.27	2.04	2.08	8.22	ppb
Boron	11-1	2.25	2.09	2.26	2.20	4.36	ppb
Cadmium	111-1	-0.26	-0.28	-0.34	-0.29		ppb
Cadmium	106-1	-3.23	-3.40	-4.38	-3.67		ppb
Cadmium	108-1	-0.10	-0.10	-0.10	-0.10		ppb
Calcium	43-1	6915.18	6884.19	6826.03	6875.13	0.66	ppb
Calcium	44-1	6967.83	6921.58	6785.76	6891.73	1.37	ppb
Chromium	52-2	0.16	0.20	0.27	0.21	27.35	ppb
Cobalt	59-2	0.25	0.27	0.21	0.24	14.22	ppb
Copper	63-2	0.19	0.20	0.24	0.21	13.61	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				91		%
Holmium	165-2				88		%
Indium	115-1				87		%
Indium	115-2				84		%
Iron	56-2	534.90	537.50	533.60	535.33	0.37	ppb
Iron	57-2	534.36	554.97	549.02	546.12	1.94	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.00	-0.02	0.00		ppb
Lead	207-1	-0.03	-0.02	0.01	-0.02		ppb
Lead	208-1	-0.01	-0.01	-0.01	-0.01		ppb
Lithium	6-1				74		%
Magnesium	24-2	718.87	718.80	726.09	721.25	0.58	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-04LDLX25	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991LDL	Dilution Factor :	25
Date & Time Acquired ::	2019-07-17 20:59:30	DataFile Name :	105SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	103.33	103.02	104.74	103.70	0.88	ppb
Molybdenum	94-1	0.09	0.01	0.08	0.06	69.54	ppb
Molybdenum	95-1	0.03	0.02	0.01	0.02	36.15	ppb
Molybdenum	96-1	0.03	0.01	0.04	0.02	66.10	ppb
Molybdenum	97-1	0.04	0.01	0.01	0.02	100.78	ppb
Molybdenum	98-1	0.00	0.02	0.01	0.01	102.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.26	0.28	0.21	0.25	15.17	ppb
Phosphorus	31-2	-15.51	-35.62	-39.68	-30.27		ppb
Potassium	39-2	71.47	58.27	62.50	64.08	10.52	ppb
Rhodium	103-1				83		%
Rhodium	103-2				86		%
Scandium	45-1				72		%
Scandium	45-2				68		%
Selenium	77-2	-0.36	-0.36	-0.36	-0.36		ppb
Selenium	78-2	-1.62	-1.18	-2.28	-1.69		ppb
Selenium	82-1	-0.11	0.34	-0.14	0.03	964.32	ppb
Silicon	28-1	311.02	310.31	305.65	308.99	0.94	ppb
Silver	109-1	0.02	0.02	0.02	0.02	1.06	ppb
Silver	107-1	0.00	0.02	0.00	0.01	225.07	ppb
Sodium	23-2	147.37	154.00	148.28	149.88	2.39	ppb
Strontium	86-1	43.82	42.19	40.57	42.20	3.85	ppb
Strontium	88-1	42.66	41.47	41.55	41.89	1.60	ppb
Sulfur	34-1	231.89	75.97	40.18	116.01	87.87	ppb
Terbium	159-1				91		%
Terbium	159-2				88		%
Thallium	203-1	-0.04	-0.04	-0.03	-0.04		ppb
Thallium	205-1	-0.05	-0.05	-0.05	-0.05		ppb
Thorium	232-1	0.00	0.00	0.00	0.00	270.58	ppb
Tin	118-1	0.03	-0.03	-0.02	-0.01		ppb
Titanium	47-1	0.14	0.21	0.00	0.12	91.68	ppb
Uranium	238-1	0.05	0.04	0.05	0.05	17.69	ppb
Vanadium	51-2	0.02	0.02	0.03	0.02	41.26	ppb
Yttrium	89-1				82		%
Yttrium	89-2				80		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-04LDLX25	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991LDL	Dilution Factor :	25
Date & Time Acquired ::	2019-07-17 20:59:30	DataFile Name :	105SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.72	0.90	0.89	0.84	12.08	ppb
Zirconium	90-1	0.03	0.04	0.04	0.04	10.92	ppb
Zirconium	91-1	0.02	0.06	0.08	0.05	58.12	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-05DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 21:03:06	DataFile Name :	106SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1906.89	1915.77	1907.91	1910.19	0.25	ppb
Antimony	121-1	105.52	105.58	103.59	104.90	1.08	ppb
Arsenic	75-2	112.46	109.87	112.96	111.76	1.49	ppb
Barium	135-1	546.55	536.75	541.35	541.55	0.91	ppb
Barium	137-1	544.99	540.80	542.76	542.85	0.39	ppb
Beryllium	9-1	101.88	101.06	101.65	101.53	0.42	ppb
Bismuth	209-1				94		%
Bismuth	209-2				86		%
Boron	10-1	95.51	102.06	102.87	100.15	4.03	ppb
Boron	11-1	100.53	101.52	103.74	101.93	1.61	ppb
Cadmium	111-1	98.09	94.88	95.98	96.32	1.69	ppb
Cadmium	106-1	100.29	93.48	97.39	97.05	3.52	ppb
Cadmium	108-1	93.77	97.06	97.28	96.03	2.05	ppb
Calcium	43-1	44141.77	43296.64	43446.75	43628.38	1.03	ppb
Calcium	44-1	44528.21	44225.20	44055.09	44269.50	0.54	ppb
Chromium	52-2	115.57	116.03	117.70	116.44	0.96	ppb
Cobalt	59-2	121.97	123.19	125.09	123.42	1.28	ppb
Copper	63-2	241.56	244.49	252.11	246.05	2.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				89		%
Indium	115-1				87		%
Indium	115-2				82		%
Iron	56-2	8045.32	8034.49	8143.86	8074.56	0.75	ppb
Iron	57-2	8396.55	8500.09	8464.76	8453.80	0.62	ppb
Krypton	83-1						cps
Lead	206-1	105.83	105.28	105.46	105.52	0.26	ppb
Lead	207-1	104.79	106.33	104.50	105.21	0.93	ppb
Lead	208-1	104.98	105.24	104.43	104.88	0.40	ppb
Lithium	6-1				75		%
Magnesium	24-2	19502.36	19852.55	19907.33	19754.08	1.11	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-05DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 21:03:06	DataFile Name :	106SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	729.25	746.68	748.04	741.32	1.41	ppb
Molybdenum	94-1	452.33	444.36	444.58	447.09	1.02	ppb
Molybdenum	95-1	422.27	417.69	417.64	419.20	0.63	ppb
Molybdenum	96-1	420.81	428.01	424.66	424.49	0.85	ppb
Molybdenum	97-1	436.84	433.59	435.35	435.26	0.37	ppb
Molybdenum	98-1	423.12	421.15	422.99	422.42	0.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	123.90	125.41	127.59	125.63	1.47	ppb
Phosphorus	31-2	-27.75	-31.32	-23.24	-27.43		ppb
Potassium	39-2	5232.40	5292.75	5263.87	5263.01	0.57	ppb
Rhodium	103-1				82		%
Rhodium	103-2				85		%
Scandium	45-1				72		%
Scandium	45-2				67		%
Selenium	77-2	68.84	95.54	107.43	90.61	21.81	ppb
Selenium	78-2	97.30	103.24	100.98	100.50	2.98	ppb
Selenium	82-1	104.98	105.75	105.51	105.41	0.37	ppb
Silicon	28-1	1697.33	1682.91	1675.51	1685.25	0.66	ppb
Silver	109-1	95.54	95.94	94.03	95.17	1.06	ppb
Silver	107-1	94.79	91.35	92.93	93.02	1.85	ppb
Sodium	23-2	10524.19	10594.09	10714.19	10610.82	0.91	ppb
Strontium	86-1	308.95	307.75	307.34	308.01	0.27	ppb
Strontium	88-1	313.38	314.22	314.78	314.13	0.23	ppb
Sulfur	34-1	810.61	756.42	784.17	783.73	3.46	ppb
Terbium	159-1				93		%
Terbium	159-2				88		%
Thallium	203-1	100.06	98.48	98.97	99.17	0.82	ppb
Thallium	205-1	101.12	100.75	99.64	100.50	0.77	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	25.87	ppb
Tin	118-1	102.83	101.26	101.68	101.93	0.80	ppb
Titanium	47-1	410.52	416.54	403.74	410.26	1.56	ppb
Uranium	238-1	101.04	101.16	101.12	101.11	0.06	ppb
Vanadium	51-2	111.46	113.31	115.37	113.38	1.72	ppb
Yttrium	89-1				83		%
Yttrium	89-2				79		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-05DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 21:03:06	DataFile Name :	106SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	224.41	228.88	227.60	226.96	1.01	ppb
Zirconium	90-1	100.43	99.55	99.00	99.66	0.72	ppb
Zirconium	91-1	103.27	104.48	102.39	103.38	1.02	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-06DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 21:06:43	DataFile Name :	107SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1859.14	1853.06	1880.31	1864.17	0.77	ppb
Antimony	121-1	102.87	100.25	99.46	100.86	1.77	ppb
Arsenic	75-2	107.22	105.53	106.36	106.37	0.79	ppb
Barium	135-1	551.26	532.40	527.50	537.05	2.34	ppb
Barium	137-1	549.14	537.81	530.34	539.10	1.76	ppb
Beryllium	9-1	98.23	98.91	97.60	98.25	0.67	ppb
Bismuth	209-1				94		%
Bismuth	209-2				88		%
Boron	10-1	101.74	101.70	100.83	101.42	0.51	ppb
Boron	11-1	101.97	102.86	103.82	102.88	0.90	ppb
Cadmium	111-1	95.47	94.08	92.82	94.12	1.41	ppb
Cadmium	106-1	94.76	83.64	90.80	89.73	6.28	ppb
Cadmium	108-1	97.09	90.88	93.61	93.86	3.32	ppb
Calcium	43-1	44662.71	44462.12	43256.48	44127.10	1.72	ppb
Calcium	44-1	44521.14	44778.45	44304.49	44534.69	0.53	ppb
Chromium	52-2	112.46	111.68	112.13	112.09	0.35	ppb
Cobalt	59-2	120.24	118.98	119.67	119.63	0.53	ppb
Copper	63-2	245.05	239.57	241.45	242.03	1.15	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				92		%
Holmium	165-2				90		%
Indium	115-1				86		%
Indium	115-2				83		%
Iron	56-2	8114.11	7934.99	7951.35	8000.15	1.24	ppb
Iron	57-2	8400.96	8371.03	8447.95	8406.65	0.46	ppb
Krypton	83-1						cps
Lead	206-1	104.18	103.18	101.58	102.98	1.28	ppb
Lead	207-1	102.82	102.30	99.90	101.67	1.53	ppb
Lead	208-1	102.79	101.99	100.38	101.72	1.21	ppb
Lithium	6-1				74		%
Magnesium	24-2	13561.09	13295.00	13447.86	13434.65	0.99	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-06DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 21:06:43	DataFile Name :	107SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	746.17	741.06	740.53	742.59	0.42	ppb
Molybdenum	94-1	440.81	443.48	434.45	439.58	1.06	ppb
Molybdenum	95-1	417.72	416.12	412.67	415.50	0.62	ppb
Molybdenum	96-1	423.61	424.70	416.14	421.48	1.11	ppb
Molybdenum	97-1	433.38	431.89	423.45	429.57	1.25	ppb
Molybdenum	98-1	422.07	424.60	410.54	419.07	1.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	122.50	120.56	119.74	120.94	1.17	ppb
Phosphorus	31-2	-31.32	-35.77	-31.72	-32.94		ppb
Potassium	39-2	5270.61	5160.59	5174.09	5201.76	1.15	ppb
Rhodium	103-1				82		%
Rhodium	103-2				86		%
Scandium	45-1				71		%
Scandium	45-2				68		%
Selenium	77-2	98.62	124.31	97.13	106.69	14.32	ppb
Selenium	78-2	95.18	96.76	91.29	94.41	2.98	ppb
Selenium	82-1	101.97	101.59	100.91	101.49	0.53	ppb
Silicon	28-1	1717.57	1711.87	1704.67	1711.37	0.38	ppb
Silver	109-1	93.34	91.88	90.11	91.78	1.76	ppb
Silver	107-1	92.47	92.22	90.80	91.83	0.98	ppb
Sodium	23-2	10576.57	10344.58	10401.04	10440.73	1.16	ppb
Strontium	86-1	312.84	312.24	308.48	311.19	0.76	ppb
Strontium	88-1	310.66	313.71	310.87	311.75	0.55	ppb
Sulfur	34-1	883.58	793.60	747.64	808.27	8.56	ppb
Terbium	159-1				93		%
Terbium	159-2				90		%
Thallium	203-1	95.76	95.46	94.02	95.08	0.98	ppb
Thallium	205-1	97.98	98.35	96.69	97.67	0.89	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	18.58	ppb
Tin	118-1	102.53	101.26	100.91	101.57	0.84	ppb
Titanium	47-1	415.16	409.72	399.84	408.24	1.90	ppb
Uranium	238-1	99.32	98.01	97.97	98.43	0.78	ppb
Vanadium	51-2	108.95	107.36	109.27	108.53	0.94	ppb
Yttrium	89-1				83		%
Yttrium	89-2				80		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-06DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 21:06:43	DataFile Name :	107SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	227.97	222.61	222.62	224.40	1.38	ppb
Zirconium	90-1	96.62	96.59	94.62	95.94	1.20	ppb
Zirconium	91-1	101.69	99.86	99.85	100.47	1.06	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-04ADLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 21:10:20	DataFile Name :	108SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1918.29	1862.52	1870.84	1883.88	1.60	ppb
Antimony	121-1	103.73	102.96	103.39	103.36	0.38	ppb
Arsenic	75-2	110.73	112.73	111.60	111.69	0.90	ppb
Barium	135-1	553.01	542.49	532.78	542.76	1.86	ppb
Barium	137-1	547.39	545.44	539.43	544.09	0.76	ppb
Beryllium	9-1	99.88	99.76	98.06	99.23	1.03	ppb
Bismuth	209-1				94		%
Bismuth	209-2				86		%
Boron	10-1	104.13	103.15	106.77	104.68	1.79	ppb
Boron	11-1	104.54	106.27	106.39	105.73	0.97	ppb
Cadmium	111-1	99.05	95.74	94.89	96.56	2.27	ppb
Cadmium	106-1	96.81	88.22	96.01	93.68	5.06	ppb
Cadmium	108-1	96.04	93.13	92.06	93.74	2.20	ppb
Calcium	43-1	45041.98	43219.53	43202.86	43821.46	2.41	ppb
Calcium	44-1	44480.54	44023.16	44193.76	44232.49	0.52	ppb
Chromium	52-2	115.21	114.02	114.33	114.52	0.54	ppb
Cobalt	59-2	122.29	121.41	120.95	121.55	0.56	ppb
Copper	63-2	246.71	245.03	245.10	245.61	0.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				89		%
Indium	115-1				86		%
Indium	115-2				82		%
Iron	56-2	8138.62	7977.14	8010.54	8042.10	1.06	ppb
Iron	57-2	8520.60	8484.22	8370.53	8458.45	0.93	ppb
Krypton	83-1						cps
Lead	206-1	107.01	104.71	106.58	106.10	1.15	ppb
Lead	207-1	105.72	102.78	103.88	104.13	1.43	ppb
Lead	208-1	105.42	103.00	103.88	104.10	1.18	ppb
Lithium	6-1				74		%
Magnesium	24-2	16837.76	16685.20	16649.94	16724.30	0.60	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-04ADLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 21:10:20	DataFile Name :	108SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	747.75	741.21	741.44	743.47	0.50	ppb
Molybdenum	94-1	445.74	448.38	434.85	442.99	1.62	ppb
Molybdenum	95-1	419.85	418.37	414.31	417.51	0.69	ppb
Molybdenum	96-1	427.34	424.06	421.72	424.37	0.67	ppb
Molybdenum	97-1	433.81	429.13	429.88	430.94	0.58	ppb
Molybdenum	98-1	417.87	423.80	418.79	420.15	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	124.86	122.59	122.34	123.27	1.13	ppb
Phosphorus	31-2	-39.39	-23.48	-23.47	-28.78		ppb
Potassium	39-2	5274.83	5176.95	5260.27	5237.35	1.01	ppb
Rhodium	103-1				82		%
Rhodium	103-2				84		%
Scandium	45-1				72		%
Scandium	45-2				67		%
Selenium	77-2	90.30	104.43	100.01	98.25	7.36	ppb
Selenium	78-2	100.09	102.88	106.42	103.13	3.08	ppb
Selenium	82-1	103.36	103.18	100.72	102.42	1.44	ppb
Silicon	28-1	1715.27	1674.92	1685.86	1692.02	1.23	ppb
Silver	109-1	93.91	93.18	92.84	93.31	0.59	ppb
Silver	107-1	94.44	92.38	94.55	93.79	1.30	ppb
Sodium	23-2	10677.91	10585.37	10549.96	10604.41	0.62	ppb
Strontium	86-1	312.86	313.17	310.11	312.05	0.54	ppb
Strontium	88-1	312.91	313.59	312.41	312.97	0.19	ppb
Sulfur	34-1	441.59	29.01	151.95	207.51	102.08	ppb
Terbium	159-1				93		%
Terbium	159-2				88		%
Thallium	203-1	100.08	97.96	97.53	98.52	1.38	ppb
Thallium	205-1	99.66	98.45	98.64	98.92	0.66	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	13.81	ppb
Tin	118-1	101.18	102.94	101.02	101.71	1.05	ppb
Titanium	47-1	410.14	405.21	408.02	407.79	0.61	ppb
Uranium	238-1	100.69	100.44	100.72	100.62	0.15	ppb
Vanadium	51-2	111.86	111.49	112.16	111.84	0.30	ppb
Yttrium	89-1				83		%
Yttrium	89-2				79		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-04ADLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 21:10:20	DataFile Name :	108SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	228.36	227.32	230.19	228.63	0.64	ppb
Zirconium	90-1	98.38	99.09	97.02	98.16	1.07	ppb
Zirconium	91-1	103.66	103.01	99.64	102.11	2.11	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-07DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-LF3MW3DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 21:13:57	DataFile Name :	109SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.21	1.87	4.00	2.70	42.43	ppb
Antimony	121-1	0.17	0.13	0.15	0.15	12.56	ppb
Arsenic	75-2	0.06	0.01	0.16	0.07	101.13	ppb
Barium	135-1	17.00	16.82	17.04	16.95	0.69	ppb
Barium	137-1	17.56	16.51	16.10	16.72	4.51	ppb
Beryllium	9-1	0.04	0.02	0.03	0.03	41.15	ppb
Bismuth	209-1				96		%
Bismuth	209-2				78		%
Boron	10-1	10.75	11.76	12.24	11.58	6.58	ppb
Boron	11-1	12.18	11.79	12.81	12.26	4.22	ppb
Cadmium	111-1	-0.06	-0.10	-0.31	-0.16		ppb
Cadmium	106-1	-1.49	-1.60	-4.17	-2.42		ppb
Cadmium	108-1	-0.10	-0.02	0.14	0.01	1577.71	ppb
Calcium	43-1	12282.87	12129.09	11967.56	12126.51	1.30	ppb
Calcium	44-1	12269.13	12204.03	12187.50	12220.22	0.35	ppb
Chromium	52-2	0.41	0.35	0.26	0.34	22.20	ppb
Cobalt	59-2	0.02	0.02	0.03	0.02	14.69	ppb
Copper	63-2	0.50	0.43	0.45	0.46	7.97	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				92		%
Holmium	165-2				79		%
Indium	115-1				88		%
Indium	115-2				73		%
Iron	56-2	67.28	66.77	67.96	67.34	0.89	ppb
Iron	57-2	108.70	114.29	108.43	110.47	2.99	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.02	0.02	0.02	39.24	ppb
Lead	207-1	0.02	0.00	-0.01	0.00		ppb
Lead	208-1	0.02	0.02	0.02	0.02	23.84	ppb
Lithium	6-1				74		%
Magnesium	24-2	4018.86	3931.46	3979.29	3976.54	1.10	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-07DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-LF3MW3DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 21:13:57	DataFile Name :	109SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5.50	5.02	5.23	5.25	4.52	ppb
Molybdenum	94-1	0.10	0.18	0.15	0.14	27.67	ppb
Molybdenum	95-1	0.19	0.19	0.17	0.18	5.58	ppb
Molybdenum	96-1	0.17	0.17	0.12	0.15	17.82	ppb
Molybdenum	97-1	0.16	0.16	0.14	0.15	9.38	ppb
Molybdenum	98-1	0.15	0.16	0.14	0.15	8.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.05	0.06	0.05	16.08	ppb
Phosphorus	31-2	-19.04	-38.12	-42.40	-33.19		ppb
Potassium	39-2	80.29	84.72	82.53	82.51	2.68	ppb
Rhodium	103-1				84		%
Rhodium	103-2				76		%
Scandium	45-1				71		%
Scandium	45-2				59		%
Selenium	77-2	-0.36	1.15	1.15	0.65	134.14	ppb
Selenium	78-2	-0.66	0.06	-0.42	-0.34		ppb
Selenium	82-1	-0.33	-0.03	0.35	0.00		ppb
Silicon	28-1	1021.75	1009.95	1008.60	1013.43	0.71	ppb
Silver	109-1	0.03	0.03	0.02	0.03	22.45	ppb
Silver	107-1	0.06	0.07	0.03	0.05	33.11	ppb
Sodium	23-2	2434.24	2371.35	2424.94	2410.18	1.41	ppb
Strontium	86-1	221.49	215.22	212.18	216.30	2.19	ppb
Strontium	88-1	217.66	211.50	210.00	213.05	1.90	ppb
Sulfur	34-1	2488.32	2214.26	2400.76	2367.78	5.91	ppb
Terbium	159-1				93		%
Terbium	159-2				78		%
Thallium	203-1	0.00	-0.01	0.00	0.00		ppb
Thallium	205-1	0.01	0.02	0.01	0.01	17.56	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.07	0.10	0.13	0.10	30.72	ppb
Titanium	47-1	0.34	0.20	0.17	0.24	40.12	ppb
Uranium	238-1	0.12	0.12	0.11	0.12	4.70	ppb
Vanadium	51-2	0.11	0.14	0.13	0.13	10.57	ppb
Yttrium	89-1				83		%
Yttrium	89-2				71		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-07DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-LF3MW3DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 21:13:57	DataFile Name :	109SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	3.83	3.48	2.36	3.22	23.84	ppb
Zirconium	90-1	0.03	0.04	0.04	0.04	6.45	ppb
Zirconium	91-1	0.06	0.01	0.04	0.04	65.72	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-08DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-LF3MW4DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 21:17:34	DataFile Name :	110SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.99	0.05	1.44	0.82	85.90	ppb
Antimony	121-1	0.13	0.10	0.11	0.11	9.85	ppb
Arsenic	75-2	3.96	3.66	3.84	3.82	4.00	ppb
Barium	135-1	39.68	38.70	38.87	39.08	1.34	ppb
Barium	137-1	39.84	39.36	38.42	39.21	1.84	ppb
Beryllium	9-1	0.01	0.03	0.03	0.03	44.72	ppb
Bismuth	209-1				96		%
Bismuth	209-2				87		%
Boron	10-1	6.60	6.40	6.24	6.41	2.78	ppb
Boron	11-1	7.36	6.75	6.23	6.78	8.34	ppb
Cadmium	111-1	-0.10	-0.20	-0.25	-0.18		ppb
Cadmium	106-1	-1.65	-2.55	-3.19	-2.46		ppb
Cadmium	108-1	-0.10	0.06	0.06	0.01	1335.61	ppb
Calcium	43-1	32433.74	32702.24	32271.72	32469.23	0.67	ppb
Calcium	44-1	32785.51	32856.45	33062.08	32901.35	0.44	ppb
Chromium	52-2	0.37	0.39	0.44	0.40	8.60	ppb
Cobalt	59-2	0.59	0.55	0.53	0.55	5.45	ppb
Copper	63-2	0.43	0.44	0.34	0.40	14.40	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				93		%
Holmium	165-2				88		%
Indium	115-1				87		%
Indium	115-2				83		%
Iron	56-2	3519.80	3459.13	3497.08	3492.00	0.88	ppb
Iron	57-2	3693.39	3629.98	3667.55	3663.64	0.87	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.05	0.04	0.03	54.86	ppb
Lead	207-1	0.04	0.00	-0.01	0.01	215.68	ppb
Lead	208-1	0.01	0.02	0.02	0.02	24.45	ppb
Lithium	6-1				74		%
Magnesium	24-2	3895.11	3846.30	3895.56	3878.99	0.73	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-08DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-LF3MW4DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 21:17:34	DataFile Name :	110SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	735.89	725.60	735.01	732.17	0.78	ppb
Molybdenum	94-1	0.48	0.48	0.35	0.44	17.42	ppb
Molybdenum	95-1	0.09	0.13	0.10	0.11	20.72	ppb
Molybdenum	96-1	0.24	0.13	0.19	0.18	28.87	ppb
Molybdenum	97-1	0.13	0.15	0.12	0.13	9.70	ppb
Molybdenum	98-1	0.15	0.17	0.10	0.14	25.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.36	0.24	0.46	0.35	32.12	ppb
Phosphorus	31-2	-14.53	-47.58	-39.33	-33.81		ppb
Potassium	39-2	328.84	327.75	325.31	327.30	0.55	ppb
Rhodium	103-1				83		%
Rhodium	103-2				85		%
Scandium	45-1				71		%
Scandium	45-2				66		%
Selenium	77-2	-0.36	-0.36	-0.36	-0.36		ppb
Selenium	78-2	-0.02	-0.97	-0.06	-0.35		ppb
Selenium	82-1	0.22	0.95	0.00	0.39	126.52	ppb
Silicon	28-1	1746.71	1751.29	1769.40	1755.80	0.68	ppb
Silver	109-1	0.02	0.02	0.02	0.02	15.21	ppb
Silver	107-1	0.00	0.03	0.03	0.02	95.84	ppb
Sodium	23-2	725.13	716.29	729.39	723.60	0.92	ppb
Strontium	86-1	209.18	205.86	204.78	206.60	1.11	ppb
Strontium	88-1	206.54	204.29	202.65	204.49	0.96	ppb
Sulfur	34-1	685.04	351.83	380.83	472.57	39.06	ppb
Terbium	159-1				93		%
Terbium	159-2				88		%
Thallium	203-1	-0.03	-0.04	-0.04	-0.04		ppb
Thallium	205-1	-0.02	-0.04	-0.03	-0.03		ppb
Thorium	232-1	0.00	0.00	0.00	0.00	154.66	ppb
Tin	118-1	0.06	0.11	0.12	0.10	35.77	ppb
Titanium	47-1	0.21	0.24	0.28	0.24	14.13	ppb
Uranium	238-1	0.34	0.28	0.31	0.31	8.55	ppb
Vanadium	51-2	0.08	0.12	0.10	0.10	19.52	ppb
Yttrium	89-1				83		%
Yttrium	89-2				79		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-08DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-LF3MW4DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 21:17:34	DataFile Name :	110SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.40	2.32	3.07	2.60	15.79	ppb
Zirconium	90-1	0.19	0.18	0.23	0.20	11.92	ppb
Zirconium	91-1	0.17	0.20	0.17	0.18	10.26	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-09DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0941DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 21:21:11	DataFile Name :	111SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.05	0.49	0.49	0.35	73.27	ppb
Antimony	121-1	0.11	0.11	0.10	0.11	8.52	ppb
Arsenic	75-2	0.09	0.02	0.00	0.04	117.61	ppb
Barium	135-1	4.26	3.68	4.00	3.98	7.38	ppb
Barium	137-1	4.01	4.01	3.90	3.98	1.60	ppb
Beryllium	9-1	-0.01	0.02	0.01	0.01	224.58	ppb
Bismuth	209-1				95		%
Bismuth	209-2				88		%
Boron	10-1	3.49	3.07	2.64	3.07	13.87	ppb
Boron	11-1	3.01	2.85	3.22	3.03	6.28	ppb
Cadmium	111-1	-0.15	-0.20	-0.18	-0.18		ppb
Cadmium	106-1	-1.74	-3.10	-2.05	-2.29		ppb
Cadmium	108-1	0.06	-0.02	0.06	0.03	132.22	ppb
Calcium	43-1	11065.46	10878.40	10762.67	10902.18	1.40	ppb
Calcium	44-1	10888.09	10867.00	10827.38	10860.82	0.28	ppb
Chromium	52-2	0.33	0.31	0.30	0.32	5.28	ppb
Cobalt	59-2	0.02	0.01	0.00	0.01	109.76	ppb
Copper	63-2	0.93	0.94	1.07	0.98	7.84	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				91		%
Holmium	165-2				88		%
Indium	115-1				87		%
Indium	115-2				83		%
Iron	56-2	3.78	3.98	4.12	3.96	4.22	ppb
Iron	57-2	47.68	49.51	51.22	49.47	3.58	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.04	0.03	26.67	ppb
Lead	207-1	0.03	0.01	0.02	0.02	34.16	ppb
Lead	208-1	0.02	0.02	0.02	0.02	19.47	ppb
Lithium	6-1				73		%
Magnesium	24-2	2508.53	2509.16	2479.82	2499.17	0.67	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-09DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0941DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 21:21:11	DataFile Name :	111SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.49	2.36	2.37	2.41	2.92	ppb
Molybdenum	94-1	0.04	0.07	0.06	0.05	24.38	ppb
Molybdenum	95-1	0.05	0.01	0.06	0.04	64.92	ppb
Molybdenum	96-1	0.04	0.03	0.07	0.05	44.21	ppb
Molybdenum	97-1	0.05	0.07	0.06	0.06	20.98	ppb
Molybdenum	98-1	0.02	0.03	0.03	0.03	25.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.10	0.14	0.10	0.11	18.17	ppb
Phosphorus	31-2	-35.32	-35.64	-27.69	-32.88		ppb
Potassium	39-2	59.12	59.24	61.36	59.91	2.10	ppb
Rhodium	103-1				83		%
Rhodium	103-2				86		%
Scandium	45-1				71		%
Scandium	45-2				67		%
Selenium	77-2	-0.36	0.97	0.97	0.53	144.88	ppb
Selenium	78-2	-1.59	-1.62	-1.19	-1.46		ppb
Selenium	82-1	0.34	0.25	0.15	0.25	37.82	ppb
Silicon	28-1	581.70	576.87	570.93	576.50	0.94	ppb
Silver	109-1	0.02	0.02	0.03	0.02	5.93	ppb
Silver	107-1	0.01	0.01	0.04	0.02	60.99	ppb
Sodium	23-2	511.06	496.50	506.01	504.52	1.47	ppb
Strontium	86-1	83.88	84.09	83.21	83.73	0.55	ppb
Strontium	88-1	84.52	84.13	81.80	83.48	1.76	ppb
Sulfur	34-1	473.92	647.38	683.57	601.62	18.63	ppb
Terbium	159-1				93		%
Terbium	159-2				88		%
Thallium	203-1	-0.05	-0.05	-0.03	-0.04		ppb
Thallium	205-1	-0.04	-0.04	-0.03	-0.04		ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.06	0.07	0.10	0.08	27.49	ppb
Titanium	47-1	0.08	0.15	0.10	0.11	31.23	ppb
Uranium	238-1	0.08	0.07	0.09	0.08	10.92	ppb
Vanadium	51-2	0.09	0.12	0.12	0.11	19.49	ppb
Yttrium	89-1				82		%
Yttrium	89-2				80		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-09DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0941DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 21:21:11	DataFile Name :	111SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.62	3.52	3.01	3.05	14.90	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	14.00	ppb
Zirconium	91-1	0.02	-0.02	-0.01	0.00		ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P7
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 21:24:48	DataFile Name :	112CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52791.24	52220.67	52821.66	52611.19	0.64	ppb
Antimony	121-1	516.22	517.04	529.59	520.95	1.44	ppb
Arsenic	75-2	513.43	505.75	502.31	507.16	1.12	ppb
Barium	135-1	2397.16	2378.67	2438.14	2404.66	1.27	ppb
Barium	137-1	2428.67	2451.91	2466.86	2449.15	0.79	ppb
Beryllium	9-1	477.78	474.99	477.36	476.71	0.32	ppb
Bismuth	209-1				83		%
Bismuth	209-2				80		%
Boron	10-1	439.52	460.40	458.65	452.86	2.56	ppb
Boron	11-1	452.19	463.81	470.61	462.20	2.02	ppb
Cadmium	111-1	476.77	481.32	483.00	480.36	0.67	ppb
Cadmium	106-1	476.90	473.16	469.37	473.14	0.80	ppb
Cadmium	108-1	485.93	478.41	480.08	481.47	0.82	ppb
Calcium	43-1	239900.75	241551.87	242722.12	241391.58	0.59	ppb
Calcium	44-1	240817.02	244800.33	245217.76	243611.70	1.00	ppb
Chromium	52-2	535.30	536.33	536.43	536.02	0.12	ppb
Cobalt	59-2	537.24	535.88	542.49	538.54	0.65	ppb
Copper	63-2	1116.74	1099.66	1110.07	1108.83	0.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				88		%
Holmium	165-2				90		%
Indium	115-1				79		%
Indium	115-2				83		%
Iron	56-2	136968.95	133925.20	135231.05	135375.07	1.13	ppb
Iron	57-2	137139.04	133922.54	135217.34	135426.31	1.20	ppb
Krypton	83-1						cps
Lead	206-1	498.98	499.16	495.75	497.96	0.39	ppb
Lead	207-1	507.11	504.10	503.60	504.93	0.38	ppb
Lead	208-1	507.48	506.76	507.39	507.21	0.08	ppb
Lithium	6-1				70		%
Magnesium	24-2	236606.79	232472.91	232935.56	234005.08	0.97	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P7
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 21:24:48	DataFile Name :	112CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1053.09	1044.40	1051.90	1049.80	0.45	ppb
Molybdenum	94-1	2660.79	2654.31	2692.72	2669.28	0.77	ppb
Molybdenum	95-1	2675.45	2698.37	2687.62	2687.15	0.43	ppb
Molybdenum	96-1	2686.16	2704.12	2692.09	2694.13	0.34	ppb
Molybdenum	97-1	2707.14	2727.87	2700.79	2711.93	0.52	ppb
Molybdenum	98-1	2718.00	2701.56	2721.13	2713.56	0.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	537.47	535.45	536.65	536.53	0.19	ppb
Phosphorus	31-2	8825.26	8969.01	9585.44	9126.57	4.42	ppb
Potassium	39-2	120833.83	120026.48	119600.76	120153.69	0.52	ppb
Rhodium	103-1				74		%
Rhodium	103-2				80		%
Scandium	45-1				70		%
Scandium	45-2				71		%
Selenium	77-2	474.98	500.64	505.66	493.76	3.33	ppb
Selenium	78-2	472.56	453.38	470.57	465.50	2.27	ppb
Selenium	82-1	477.98	469.08	476.60	474.55	1.01	ppb
Silicon	28-1	440.30	455.11	457.76	451.05	2.09	ppb
Silver	109-1	470.69	473.71	477.00	473.80	0.67	ppb
Silver	107-1	471.40	476.03	484.66	477.37	1.41	ppb
Sodium	23-2	236291.63	235119.75	235901.13	235770.84	0.25	ppb
Strontium	86-1	499.84	491.47	501.41	497.57	1.07	ppb
Strontium	88-1	505.13	505.79	508.22	506.38	0.32	ppb
Sulfur	34-1	10187.85	10332.92	10644.50	10388.42	2.25	ppb
Terbium	159-1				89		%
Terbium	159-2				89		%
Thallium	203-1	492.29	490.68	496.32	493.10	0.59	ppb
Thallium	205-1	512.63	511.72	512.00	512.12	0.09	ppb
Thorium	232-1	539.10	532.74	532.23	534.69	0.72	ppb
Tin	118-1	470.29	472.29	474.45	472.34	0.44	ppb
Titanium	47-1	2570.11	2610.61	2614.66	2598.46	0.95	ppb
Uranium	238-1	535.64	531.26	533.70	533.53	0.41	ppb
Vanadium	51-2	531.52	530.47	533.89	531.96	0.33	ppb
Yttrium	89-1				80		%
Yttrium	89-2				83		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P7
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 21:24:48	DataFile Name :	112CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1062.15	1059.68	1057.35	1059.72	0.23	ppb
Zirconium	90-1	505.89	505.14	511.28	507.44	0.66	ppb
Zirconium	91-1	503.60	508.58	506.62	506.26	0.50	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : CCB13 Instrumnet Name : P7
 Client Sample ID : CCB13 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 21:28:27 DataFile Name : 113CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.11	2.17	1.55	2.28	34.61	ppb
Antimony	121-1	0.34	0.31	0.35	0.33	7.37	ppb
Arsenic	75-2	0.02	0.00	0.00	0.01	151.89	ppb
Barium	135-1	0.37	0.21	0.12	0.23	54.33	ppb
Barium	137-1	0.35	0.27	0.14	0.26	41.63	ppb
Beryllium	9-1	0.13	0.09	0.07	0.10	28.49	ppb
Bismuth	209-1				92		%
Bismuth	209-2				88		%
Boron	10-1	17.98	14.25	15.07	15.76	12.42	ppb
Boron	11-1	16.26	14.68	13.51	14.82	9.32	ppb
Cadmium	111-1	0.10	-0.05	-0.01	0.01	626.93	ppb
Cadmium	106-1	0.43	-1.60	-0.77	-0.65		ppb
Cadmium	108-1	-0.02	0.23	-0.10	0.04	440.79	ppb
Calcium	43-1	31.92	18.22	12.08	20.74	48.98	ppb
Calcium	44-1	32.82	23.94	16.01	24.26	34.67	ppb
Chromium	52-2	0.10	0.02	0.07	0.06	63.74	ppb
Cobalt	59-2	0.02	0.01	0.02	0.01	53.26	ppb
Copper	63-2	0.16	0.15	0.11	0.14	19.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				88		%
Holmium	165-2				89		%
Indium	115-1				85		%
Indium	115-2				87		%
Iron	56-2	7.32	5.44	4.32	5.69	26.64	ppb
Iron	57-2	4.82	3.19	0.85	2.95	67.67	ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.05	0.03	0.06	59.46	ppb
Lead	207-1	0.10	0.04	0.03	0.06	63.55	ppb
Lead	208-1	0.10	0.04	0.05	0.07	50.07	ppb
Lithium	6-1				73		%
Magnesium	24-2	10.75	8.22	7.17	8.71	21.14	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P7
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 21:28:27	DataFile Name :	113CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.03	0.04	0.02	0.03	21.26	ppb
Molybdenum	94-1	0.74	0.52	0.41	0.56	30.69	ppb
Molybdenum	95-1	0.75	0.52	0.48	0.59	24.45	ppb
Molybdenum	96-1	0.75	0.49	0.49	0.58	26.48	ppb
Molybdenum	97-1	0.76	0.61	0.43	0.60	26.85	ppb
Molybdenum	98-1	0.73	0.65	0.58	0.65	11.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.10	0.04	0.05	0.06	53.13	ppb
Phosphorus	31-2	-32.08	-36.36	-28.48	-32.31		ppb
Potassium	39-2	-8.59	-3.27	-1.12	-4.33		ppb
Rhodium	103-1				83		%
Rhodium	103-2				87		%
Scandium	45-1				72		%
Scandium	45-2				70		%
Selenium	77-2	-0.36	-0.36	-0.36	-0.36		ppb
Selenium	78-2	-1.03	-0.63	0.41	-0.41		ppb
Selenium	82-1	0.92	0.43	-0.97	0.13	777.58	ppb
Silicon	28-1	1.92	1.17	1.38	1.49	26.00	ppb
Silver	109-1	0.09	0.09	0.05	0.08	34.44	ppb
Silver	107-1	0.10	0.03	0.06	0.06	57.26	ppb
Sodium	23-2	24.82	25.32	20.17	23.44	12.11	ppb
Strontium	86-1	0.01	0.09	0.02	0.04	111.28	ppb
Strontium	88-1	0.07	0.05	0.02	0.05	53.27	ppb
Sulfur	34-1	-472.57	-475.16	-529.61	-492.44		ppb
Terbium	159-1				90		%
Terbium	159-2				89		%
Thallium	203-1	0.14	0.06	0.04	0.08	65.63	ppb
Thallium	205-1	0.12	0.12	0.05	0.09	43.15	ppb
Thorium	232-1	0.17	0.12	0.11	0.13	26.40	ppb
Tin	118-1	0.23	0.13	0.13	0.17	35.35	ppb
Titanium	47-1	0.43	0.21	0.13	0.25	60.71	ppb
Uranium	238-1	0.07	0.04	0.04	0.05	35.97	ppb
Vanadium	51-2	0.03	0.02	0.01	0.02	34.10	ppb
Yttrium	89-1				82		%
Yttrium	89-2				83		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P7
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 21:28:27	DataFile Name :	113CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.13	0.14	0.00	0.09	83.50	ppb
Zirconium	90-1	0.07	0.09	0.08	0.08	9.46	ppb
Zirconium	91-1	0.09	0.08	0.04	0.07	32.51	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-10DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-MMW0002DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 21:32:03	DataFile Name :	114SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.22	12.23	6.10	9.51	32.80	ppb
Antimony	121-1	0.22	0.31	0.31	0.28	17.23	ppb
Arsenic	75-2	0.02	0.02	0.00	0.01	83.57	ppb
Barium	135-1	5.81	5.95	6.00	5.92	1.65	ppb
Barium	137-1	6.17	6.05	6.43	6.22	3.14	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	15.51	ppb
Bismuth	209-1				95		%
Bismuth	209-2				89		%
Boron	10-1	7.07	7.33	5.52	6.64	14.71	ppb
Boron	11-1	7.67	6.97	7.44	7.36	4.82	ppb
Cadmium	111-1	-0.19	-0.16	0.03	-0.11		ppb
Cadmium	106-1	-2.66	-2.34	-0.21	-1.74		ppb
Cadmium	108-1	-0.02	-0.10	-0.10	-0.07		ppb
Calcium	43-1	14432.13	14159.72	14077.43	14223.09	1.31	ppb
Calcium	44-1	14385.32	14328.75	14113.42	14275.83	1.00	ppb
Chromium	52-2	0.60	0.73	0.77	0.70	13.03	ppb
Cobalt	59-2	0.03	0.02	0.02	0.02	30.92	ppb
Copper	63-2	1.02	0.99	0.93	0.98	4.95	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				91		%
Indium	115-1				90		%
Indium	115-2				88		%
Iron	56-2	22.25	22.19	21.70	22.05	1.36	ppb
Iron	57-2	64.20	75.07	71.97	70.41	7.95	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.07	0.08	0.07	16.78	ppb
Lead	207-1	0.05	0.03	0.05	0.04	34.03	ppb
Lead	208-1	0.06	0.06	0.06	0.06	1.77	ppb
Lithium	6-1				75		%
Magnesium	24-2	2101.31	2086.78	2140.93	2109.67	1.33	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-10DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-MMW0002DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 21:32:03	DataFile Name :	114SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.31	1.15	1.20	1.22	6.80	ppb
Molybdenum	94-1	0.08	0.12	0.17	0.13	36.39	ppb
Molybdenum	95-1	0.12	0.15	0.11	0.13	17.50	ppb
Molybdenum	96-1	0.12	0.11	0.13	0.12	9.19	ppb
Molybdenum	97-1	0.15	0.13	0.15	0.15	6.95	ppb
Molybdenum	98-1	0.10	0.16	0.11	0.12	26.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.29	0.22	0.20	0.23	19.71	ppb
Phosphorus	31-2	-6.33	-32.92	-20.78	-20.01		ppb
Potassium	39-2	228.91	238.40	250.56	239.29	4.53	ppb
Rhodium	103-1				85		%
Rhodium	103-2				90		%
Scandium	45-1				75		%
Scandium	45-2				71		%
Selenium	77-2	2.18	-0.36	-0.36	0.49	299.27	ppb
Selenium	78-2	0.38	-1.30	1.20	0.09	1352.01	ppb
Selenium	82-1	0.95	0.40	0.14	0.49	83.30	ppb
Silicon	28-1	525.15	518.18	511.61	518.31	1.31	ppb
Silver	109-1	0.05	0.06	0.08	0.06	24.67	ppb
Silver	107-1	0.07	0.10	0.05	0.07	40.25	ppb
Sodium	23-2	1341.93	1329.50	1359.69	1343.71	1.13	ppb
Strontium	86-1	92.54	88.89	89.28	90.24	2.22	ppb
Strontium	88-1	90.75	89.78	89.09	89.87	0.93	ppb
Sulfur	34-1	-37.98	-52.51	-300.14	-130.21		ppb
Terbium	159-1				94		%
Terbium	159-2				90		%
Thallium	203-1	0.11	0.05	0.04	0.07	52.43	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	4.57	ppb
Thorium	232-1	0.04	0.03	0.03	0.03	19.63	ppb
Tin	118-1	0.16	0.15	0.11	0.14	20.14	ppb
Titanium	47-1	0.38	0.26	0.34	0.33	18.43	ppb
Uranium	238-1	0.11	0.08	0.10	0.10	18.72	ppb
Vanadium	51-2	0.13	0.07	0.10	0.10	27.73	ppb
Yttrium	89-1				85		%
Yttrium	89-2				85		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-10DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-MMW0002DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 21:32:03	DataFile Name :	114SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	4.67	4.26	3.97	4.30	8.25	ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	12.95	ppb
Zirconium	91-1	0.06	0.03	0.02	0.04	56.67	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-11DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-MMW0018BDL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 21:35:40	DataFile Name :	115SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.58	5.94	7.08	6.53	8.80	ppb
Antimony	121-1	0.11	0.16	0.13	0.14	17.44	ppb
Arsenic	75-2	0.04	0.02	0.04	0.03	35.85	ppb
Barium	135-1	3.19	3.08	3.22	3.17	2.30	ppb
Barium	137-1	3.51	3.30	3.20	3.34	4.72	ppb
Beryllium	9-1	0.00	0.03	0.00	0.01	171.10	ppb
Bismuth	209-1				99		%
Bismuth	209-2				90		%
Boron	10-1	4.38	3.93	4.08	4.13	5.59	ppb
Boron	11-1	4.78	4.46	3.94	4.39	9.68	ppb
Cadmium	111-1	0.10	-0.17	-0.23	-0.10		ppb
Cadmium	106-1	0.40	-3.06	-3.13	-1.93		ppb
Cadmium	108-1	-0.02	0.13	0.05	0.05	142.16	ppb
Calcium	43-1	13779.22	13897.81	13656.53	13777.85	0.88	ppb
Calcium	44-1	14035.29	13916.90	13933.42	13961.87	0.46	ppb
Chromium	52-2	0.50	0.41	0.45	0.45	9.62	ppb
Cobalt	59-2	0.03	0.00	0.01	0.01	111.83	ppb
Copper	63-2	0.96	0.84	0.85	0.88	7.63	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				92		%
Indium	115-1				92		%
Indium	115-2				88		%
Iron	56-2	11.83	12.10	11.38	11.77	3.10	ppb
Iron	57-2	63.57	66.91	67.42	65.96	3.17	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.06	0.05	0.05	21.41	ppb
Lead	207-1	0.06	0.04	0.03	0.04	34.49	ppb
Lead	208-1	0.04	0.05	0.04	0.04	18.34	ppb
Lithium	6-1				77		%
Magnesium	24-2	2018.75	2010.03	2017.02	2015.27	0.23	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-11DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-MMW0018BDL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 21:35:40	DataFile Name :	115SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.49	0.49	0.55	0.51	6.73	ppb
Molybdenum	94-1	0.06	0.05	0.07	0.06	18.84	ppb
Molybdenum	95-1	0.03	0.04	0.03	0.03	8.23	ppb
Molybdenum	96-1	0.06	0.06	0.05	0.05	12.54	ppb
Molybdenum	97-1	0.08	0.03	0.07	0.06	43.23	ppb
Molybdenum	98-1	0.03	0.05	0.06	0.05	30.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.10	0.12	0.10	27.85	ppb
Phosphorus	31-2	-25.31	-36.60	-36.84	-32.92		ppb
Potassium	39-2	136.58	134.53	133.74	134.95	1.09	ppb
Rhodium	103-1				88		%
Rhodium	103-2				91		%
Scandium	45-1				77		%
Scandium	45-2				72		%
Selenium	77-2	-0.36	-0.36	-0.36	-0.36		ppb
Selenium	78-2	-0.45	-1.52	-1.30	-1.09		ppb
Selenium	82-1	0.52	0.65	0.55	0.58	12.15	ppb
Silicon	28-1	591.64	563.19	559.69	571.51	3.07	ppb
Silver	109-1	0.05	0.03	0.07	0.05	36.16	ppb
Silver	107-1	0.02	0.08	0.03	0.04	84.25	ppb
Sodium	23-2	378.41	373.89	364.71	372.34	1.88	ppb
Strontium	86-1	81.45	80.22	78.25	79.97	2.02	ppb
Strontium	88-1	81.40	80.23	79.59	80.41	1.14	ppb
Sulfur	34-1	-126.02	-83.81	-206.40	-138.74		ppb
Terbium	159-1				97		%
Terbium	159-2				92		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	-0.01	0.00	-0.01	-0.01		ppb
Thorium	232-1	0.02	0.02	0.02	0.02	9.91	ppb
Tin	118-1	0.12	0.06	0.07	0.08	37.68	ppb
Titanium	47-1	0.21	0.51	0.31	0.35	43.32	ppb
Uranium	238-1	0.06	0.05	0.04	0.05	19.34	ppb
Vanadium	51-2	0.10	0.09	0.07	0.09	15.69	ppb
Yttrium	89-1				88		%
Yttrium	89-2				85		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-11DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-MMW0018BDL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 21:35:40	DataFile Name :	115SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.09	2.15	2.75	2.33	15.61	ppb
Zirconium	90-1	0.01	0.03	0.00	0.01	84.87	ppb
Zirconium	91-1	0.02	0.04	0.00	0.02	90.03	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-12DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0980DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 21:39:17	DataFile Name :	116SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.02	3.09	3.12	2.75	22.84	ppb
Antimony	121-1	0.14	0.18	0.17	0.16	14.03	ppb
Arsenic	75-2	3.67	3.35	3.90	3.64	7.50	ppb
Barium	135-1	46.42	46.15	43.82	45.47	3.15	ppb
Barium	137-1	47.94	47.68	46.44	47.36	1.69	ppb
Beryllium	9-1	0.03	0.01	0.02	0.02	46.15	ppb
Bismuth	209-1				96		%
Bismuth	209-2				89		%
Boron	10-1	26.46	26.51	28.73	27.23	4.76	ppb
Boron	11-1	27.99	27.05	27.60	27.55	1.72	ppb
Cadmium	111-1	-0.08	-0.18	-0.02	-0.09		ppb
Cadmium	106-1	-1.91	-3.03	-1.26	-2.07		ppb
Cadmium	108-1	0.30	0.14	-0.02	0.14	117.02	ppb
Calcium	43-1	31376.25	30631.11	30425.29	30810.88	1.62	ppb
Calcium	44-1	31516.75	31216.02	31687.11	31473.29	0.76	ppb
Chromium	52-2	0.38	0.47	0.53	0.46	17.08	ppb
Cobalt	59-2	1.60	1.56	1.83	1.66	8.72	ppb
Copper	63-2	19.11	19.31	20.39	19.60	3.51	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				95		%
Holmium	165-2				91		%
Indium	115-1				90		%
Indium	115-2				85		%
Iron	56-2	4403.55	4371.11	4385.64	4386.77	0.37	ppb
Iron	57-2	4555.16	4581.70	4629.23	4588.70	0.82	ppb
Krypton	83-1						cps
Lead	206-1	0.27	0.23	0.23	0.24	9.31	ppb
Lead	207-1	0.23	0.22	0.17	0.21	14.67	ppb
Lead	208-1	0.24	0.22	0.19	0.22	11.91	ppb
Lithium	6-1				75		%
Magnesium	24-2	4432.96	4390.17	4459.70	4427.61	0.79	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-12DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0980DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 21:39:17	DataFile Name :	116SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	162.36	163.59	163.90	163.29	0.50	ppb
Molybdenum	94-1	0.37	0.37	0.43	0.39	8.22	ppb
Molybdenum	95-1	0.06	0.05	0.04	0.05	16.49	ppb
Molybdenum	96-1	0.11	0.12	0.14	0.12	12.93	ppb
Molybdenum	97-1	0.04	0.01	0.01	0.02	85.22	ppb
Molybdenum	98-1	0.05	0.07	0.05	0.05	22.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.64	2.81	2.61	2.69	4.02	ppb
Phosphorus	31-2	-32.02	-16.68	-39.86	-29.52		ppb
Potassium	39-2	1615.70	1581.50	1573.16	1590.12	1.42	ppb
Rhodium	103-1				86		%
Rhodium	103-2				88		%
Scandium	45-1				74		%
Scandium	45-2				69		%
Selenium	77-2	-0.36	-0.36	-0.36	-0.36		ppb
Selenium	78-2	-1.24	0.19	0.03	-0.34		ppb
Selenium	82-1	0.15	0.23	0.17	0.18	21.32	ppb
Silicon	28-1	2349.88	2336.67	2315.73	2334.10	0.74	ppb
Silver	109-1	0.04	0.03	0.03	0.03	9.39	ppb
Silver	107-1	0.05	0.05	0.04	0.05	9.05	ppb
Sodium	23-2	2486.34	2499.38	2503.03	2496.25	0.35	ppb
Strontium	86-1	251.15	247.84	245.33	248.11	1.18	ppb
Strontium	88-1	254.51	250.92	254.51	253.31	0.82	ppb
Sulfur	34-1	-599.38	-757.38	-826.14	-727.63		ppb
Terbium	159-1				96		%
Terbium	159-2				90		%
Thallium	203-1	-0.01	-0.03	-0.02	-0.02		ppb
Thallium	205-1	-0.03	-0.04	-0.03	-0.03		ppb
Thorium	232-1	0.01	0.02	0.01	0.01	22.33	ppb
Tin	118-1	0.15	0.13	0.12	0.13	12.12	ppb
Titanium	47-1	0.24	0.31	0.26	0.27	14.41	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	7.51	ppb
Vanadium	51-2	0.09	0.13	0.13	0.12	22.83	ppb
Yttrium	89-1				86		%
Yttrium	89-2				83		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-12DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0980DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 21:39:17	DataFile Name :	116SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	37.27	38.08	36.47	37.27	2.16	ppb
Zirconium	90-1	0.22	0.24	0.23	0.23	4.88	ppb
Zirconium	91-1	0.23	0.19	0.25	0.22	12.74	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 21:42:54	DataFile Name :	117CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52807.21	52316.86	52424.33	52516.13	0.49	ppb
Antimony	121-1	520.12	514.93	516.78	517.28	0.51	ppb
Arsenic	75-2	512.55	516.22	511.31	513.36	0.50	ppb
Barium	135-1	2412.21	2388.10	2425.77	2408.69	0.79	ppb
Barium	137-1	2425.38	2435.27	2480.66	2447.10	1.20	ppb
Beryllium	9-1	474.12	475.56	478.58	476.09	0.48	ppb
Bismuth	209-1				83		%
Bismuth	209-2				81		%
Boron	10-1	456.78	467.81	468.85	464.48	1.44	ppb
Boron	11-1	453.36	469.11	473.10	465.19	2.24	ppb
Cadmium	111-1	480.34	478.45	478.75	479.18	0.21	ppb
Cadmium	106-1	468.05	474.57	490.13	477.58	2.38	ppb
Cadmium	108-1	481.52	489.01	493.33	487.95	1.22	ppb
Calcium	43-1	238244.51	239188.21	243172.74	240201.82	1.09	ppb
Calcium	44-1	239057.50	241864.14	242303.59	241075.08	0.73	ppb
Chromium	52-2	536.62	536.16	535.43	536.07	0.11	ppb
Cobalt	59-2	534.04	535.72	533.05	534.27	0.25	ppb
Copper	63-2	1094.16	1102.67	1096.42	1097.75	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				91		%
Holmium	165-2				91		%
Indium	115-1				82		%
Indium	115-2				84		%
Iron	56-2	136008.69	133901.86	133761.77	134557.44	0.94	ppb
Iron	57-2	136176.49	134216.20	133395.33	134596.01	1.06	ppb
Krypton	83-1						cps
Lead	206-1	496.72	496.68	499.53	497.64	0.33	ppb
Lead	207-1	498.89	501.14	503.01	501.01	0.41	ppb
Lead	208-1	501.29	505.46	505.70	504.15	0.49	ppb
Lithium	6-1				72		%
Magnesium	24-2	236233.03	234453.69	233375.49	234687.41	0.61	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 21:42:54	DataFile Name :	117CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1050.35	1046.62	1054.67	1050.55	0.38	ppb
Molybdenum	94-1	2655.02	2626.33	2656.83	2646.06	0.65	ppb
Molybdenum	95-1	2660.34	2621.27	2706.63	2662.75	1.60	ppb
Molybdenum	96-1	2687.09	2677.89	2706.32	2690.44	0.54	ppb
Molybdenum	97-1	2700.54	2688.24	2723.59	2704.13	0.66	ppb
Molybdenum	98-1	2684.19	2678.90	2726.17	2696.42	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	531.99	534.47	528.71	531.72	0.54	ppb
Phosphorus	31-2	9143.52	8843.53	9597.69	9194.91	4.13	ppb
Potassium	39-2	121615.08	119709.18	119360.83	120228.36	1.01	ppb
Rhodium	103-1				76		%
Rhodium	103-2				81		%
Scandium	45-1				73		%
Scandium	45-2				73		%
Selenium	77-2	511.54	504.77	453.81	490.04	6.44	ppb
Selenium	78-2	459.90	465.33	481.80	469.01	2.43	ppb
Selenium	82-1	464.77	466.78	478.81	470.12	1.62	ppb
Silicon	28-1	439.94	447.70	453.07	446.91	1.48	ppb
Silver	109-1	470.86	472.60	481.87	475.11	1.25	ppb
Silver	107-1	481.12	474.41	472.04	475.86	0.99	ppb
Sodium	23-2	237503.66	234266.89	233186.60	234985.72	0.96	ppb
Strontium	86-1	493.59	493.41	499.89	495.63	0.74	ppb
Strontium	88-1	501.17	500.04	505.74	502.31	0.60	ppb
Sulfur	34-1	9893.72	10006.96	9855.39	9918.69	0.79	ppb
Terbium	159-1				91		%
Terbium	159-2				90		%
Thallium	203-1	486.51	494.77	495.12	492.13	0.99	ppb
Thallium	205-1	509.65	509.98	514.31	511.31	0.51	ppb
Thorium	232-1	533.24	530.42	537.90	533.85	0.71	ppb
Tin	118-1	468.96	466.71	471.27	468.98	0.49	ppb
Titanium	47-1	2548.90	2554.72	2556.75	2553.45	0.16	ppb
Uranium	238-1	528.04	534.04	535.54	532.54	0.74	ppb
Vanadium	51-2	532.07	529.28	524.85	528.73	0.69	ppb
Yttrium	89-1				83		%
Yttrium	89-2				85		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 21:42:54	DataFile Name :	117CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1045.08	1061.26	1052.91	1053.08	0.77	ppb
Zirconium	90-1	504.13	502.87	507.24	504.75	0.45	ppb
Zirconium	91-1	501.64	499.27	510.43	503.78	1.17	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P7
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 21:46:33	DataFile Name :	118CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.49	2.51	0.65	1.55	60.06	ppb
Antimony	121-1	0.26	0.30	0.28	0.28	6.32	ppb
Arsenic	75-2	0.02	0.00	0.04	0.02	99.72	ppb
Barium	135-1	0.22	0.19	0.18	0.19	10.42	ppb
Barium	137-1	0.21	0.21	0.15	0.19	18.63	ppb
Beryllium	9-1	0.11	0.10	0.06	0.09	26.19	ppb
Bismuth	209-1				93		%
Bismuth	209-2				90		%
Boron	10-1	17.40	17.22	13.68	16.10	13.05	ppb
Boron	11-1	17.15	16.85	14.80	16.27	7.86	ppb
Cadmium	111-1	0.20	-0.13	-0.03	0.01	1439.27	ppb
Cadmium	106-1	1.51	-2.78	-0.76	-0.68		ppb
Cadmium	108-1	0.23	-0.10	0.07	0.06	254.46	ppb
Calcium	43-1	14.27	16.93	9.64	13.61	27.12	ppb
Calcium	44-1	25.33	18.43	14.88	19.55	27.19	ppb
Chromium	52-2	0.03	0.03	0.01	0.02	66.12	ppb
Cobalt	59-2	0.03	0.01	0.01	0.02	65.66	ppb
Copper	63-2	0.19	0.13	0.10	0.14	33.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				91		%
Indium	115-1				88		%
Indium	115-2				88		%
Iron	56-2	5.63	4.84	4.56	5.01	11.09	ppb
Iron	57-2	4.36	1.25	4.42	3.35	54.15	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.07	0.07	0.07	4.21	ppb
Lead	207-1	0.07	0.06	0.02	0.05	50.82	ppb
Lead	208-1	0.06	0.07	0.04	0.06	24.89	ppb
Lithium	6-1				75		%
Magnesium	24-2	8.78	7.32	5.95	7.35	19.22	ppb

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P7
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 21:46:33	DataFile Name :	118CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	0.00	0.02	0.02	83.04	ppb
Molybdenum	94-1	0.54	0.47	0.40	0.47	14.94	ppb
Molybdenum	95-1	0.55	0.42	0.52	0.50	13.35	ppb
Molybdenum	96-1	0.68	0.50	0.38	0.52	28.33	ppb
Molybdenum	97-1	0.62	0.56	0.46	0.55	15.12	ppb
Molybdenum	98-1	0.55	0.50	0.44	0.50	10.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.07	0.04	0.05	41.42	ppb
Phosphorus	31-2	-36.67	-33.10	-36.58	-35.45		ppb
Potassium	39-2	0.13	-8.64	-2.80	-3.77		ppb
Rhodium	103-1				85		%
Rhodium	103-2				90		%
Scandium	45-1				74		%
Scandium	45-2				72		%
Selenium	77-2	-0.36	0.89	-0.36	0.06	1211.66	ppb
Selenium	78-2	-0.46	-0.08	0.37	-0.06		ppb
Selenium	82-1	1.00	0.47	-0.08	0.46	117.17	ppb
Silicon	28-1	1.76	0.48	0.11	0.78	110.26	ppb
Silver	109-1	0.07	0.07	0.07	0.07	5.21	ppb
Silver	107-1	0.09	0.08	0.01	0.06	70.20	ppb
Sodium	23-2	25.08	26.90	22.79	24.92	8.25	ppb
Strontium	86-1	-0.04	-0.06	-0.04	-0.05		ppb
Strontium	88-1	0.05	0.04	0.02	0.03	39.18	ppb
Sulfur	34-1	-55.32	-164.35	-263.26	-160.98		ppb
Terbium	159-1				91		%
Terbium	159-2				90		%
Thallium	203-1	0.08	0.12	0.10	0.10	18.86	ppb
Thallium	205-1	0.10	0.09	0.06	0.09	25.84	ppb
Thorium	232-1	0.14	0.13	0.13	0.13	5.56	ppb
Tin	118-1	0.14	0.14	0.10	0.13	18.94	ppb
Titanium	47-1	0.36	0.34	0.16	0.29	38.04	ppb
Uranium	238-1	0.04	0.04	0.03	0.04	21.60	ppb
Vanadium	51-2	0.01	0.02	0.01	0.02	41.52	ppb
Yttrium	89-1				84		%
Yttrium	89-2				85		%

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P7
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 21:46:33	DataFile Name :	118CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.10	0.13	-0.01	0.07	97.07	ppb
Zirconium	90-1	0.06	0.05	0.03	0.05	32.15	ppb
Zirconium	91-1	0.03	0.06	0.03	0.04	32.37	ppb

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 13:55:28 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	25	17	22	21.64	cps
Antimony	121-1	25	42	25	31	31.50	cps
Arsenic	75-2	13	0	0	4	173.21	cps
Barium	135-1	8	0	8	6	86.60	cps
Barium	137-1	17	8	0	8	100.02	cps
Beryllium	9-1	43	37	67	49	32.22	cps
Bismuth	209-1	1559197	1525384	1547236	1543939	1.11	cps
Bismuth	209-2	959481	952006	966721	959403	0.77	cps
Boron	10-1	492	417	542	483	13.02	cps
Boron	11-1	2434	2342	2109	2295	7.30	cps
Cadmium	111-1	726	738	743	736	1.21	cps
Cadmium	106-1	1033	1050	1050	1045	0.92	cps
Cadmium	108-1	8	8	0	6	86.60	cps
Calcium	43-1	75	75	75	75	0.00	cps
Calcium	44-1	5576	5668	5235	5493	4.16	cps
Chromium	52-2	403	283	367	351	17.51	cps
Cobalt	59-2	10	17	13	13	25.01	cps
Copper	63-2	223	227	180	210	12.40	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	17	0	8	100.02	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	25	0	0	8	173.21	cps
Gadolinium	160-2	67	50	40	52	25.80	cps
Holmium	165-1	2866912	2852561	2864659	2861377	0.27	cps
Holmium	165-2	1523955	1520654	1528952	1524520	0.27	cps
Indium	115-1	2143420	2128134	2137584	2136379	0.36	cps
Indium	115-2	442210	442864	440904	441993	0.23	cps
Iron	56-2	1856	2067	1878	1934	6.00	cps
Iron	57-2	106	144	144	131	17.08	cps
Krypton	83-1	147	97	123	122	20.47	cps
Lead	206-1	72	44	61	59	23.59	cps
Lead	207-1	111	78	50	80	38.43	cps
Lead	208-1	361	261	283	302	17.40	cps
Lithium	6-1	1721829	1706942	1702155	1710309	0.60	cps
Magnesium	24-2	67	67	75	69	6.93	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 13:55:28	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7	20	23	17	52.90	cps
Molybdenum	94-1	125	75	75	92	31.50	cps
Molybdenum	95-1	33	83	33	50	57.75	cps
Molybdenum	96-1	75	67	58	67	12.49	cps
Molybdenum	97-1	17	25	50	31	56.77	cps
Molybdenum	98-1	42	33	58	44	28.65	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	7	13	7	9	43.25	cps
Phosphorus	31-2	92	58	33	61	47.89	cps
Potassium	39-2	12030	12356	11663	12016	2.88	cps
Rhodium	103-1	2248008	2224320	2221114	2231147	0.66	cps
Rhodium	103-2	1048314	1050385	1054899	1051199	0.32	cps
Scandium	45-1	2789651	2766966	2802147	2786254	0.64	cps
Scandium	45-2	123624	123640	124215	123826	0.27	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	28	33	39	33	16.67	cps
Selenium	82-1	-17	30	9	7	321.40	cps
Silicon	28-1	126539	123094	124858	124831	1.38	cps
Silver	109-1	8	17	8	11	43.34	cps
Silver	107-1	13	0	38	17	114.56	cps
Sodium	23-2	7727	8086	7836	7883	2.33	cps
Strontium	86-1	200	250	225	225	11.11	cps
Strontium	88-1	33	50	58	47	26.97	cps
Sulfur	34-1	258064	256969	255324	256786	0.54	cps
Terbium	159-1	3041779	3021637	3035535	3032983	0.34	cps
Terbium	159-2	1547462	1531945	1547076	1542161	0.57	cps
Thallium	203-1	133	150	67	117	37.80	cps
Thallium	205-1	317	250	258	275	13.21	cps
Thorium	232-1	50	44	28	41	28.38	cps
Tin	118-1	125	50	175	117	53.93	cps
Titanium	47-1	42	42	58	47	20.38	cps
Uranium	238-1	8	25	17	17	50.01	cps
Vanadium	51-2	3	0	7	3	100.05	cps
Yttrium	89-1	3110743	3109103	3135521	3118456	0.47	cps
Yttrium	89-2	433634	436153	434437	434742	0.30	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 13:55:28	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	70	70	87	76	12.74	cps
Zirconium	90-1	317	217	225	253	21.95	cps
Zirconium	91-1	67	67	33	56	34.65	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 14:03:29 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1242	900	1142	1095	16.05	cps
Antimony	121-1	4534	4643	4343	4506	3.37	cps
Arsenic	75-2	94	128	104	109	15.84	cps
Barium	135-1	6952	6477	6994	6807	4.22	cps
Barium	137-1	11472	11597	11063	11377	2.45	cps
Beryllium	9-1	1590	1670	1573	1611	3.21	cps
Bismuth	209-1	1485163	1495928	1499585	1493558	0.50	cps
Bismuth	209-2	963331	957263	983662	968085	1.43	cps
Boron	10-1	6785	6885	7185	6952	3.00	cps
Boron	11-1	30941	31300	31367	31203	0.73	cps
Cadmium	111-1	1293	1399	1223	1305	6.81	cps
Cadmium	106-1	1017	1200	942	1053	12.62	cps
Cadmium	108-1	50	58	58	56	8.66	cps
Calcium	43-1	7794	8144	8144	8027	2.52	cps
Calcium	44-1	132699	131278	129547	131175	1.20	cps
Chromium	52-2	2957	2920	2900	2926	0.98	cps
Cobalt	59-2	1690	1743	1857	1763	4.83	cps
Copper	63-2	2450	2550	2474	2491	2.10	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	25	25	0	17	86.60	cps
Erbium	164-2	0	0	7	2	173.21	cps
Gadolinium	160-1	17	17	25	19	24.73	cps
Gadolinium	160-2	47	37	67	50	30.55	cps
Holmium	165-1	2773146	2737781	2711571	2740833	1.13	cps
Holmium	165-2	1488219	1461454	1480816	1476830	0.94	cps
Indium	115-1	2266683	2255137	2242033	2254618	0.55	cps
Indium	115-2	454129	448659	454232	452340	0.70	cps
Iron	56-2	55862	52784	55120	54589	2.94	cps
Iron	57-2	1417	1517	1439	1458	3.60	cps
Krypton	83-1	117	130	97	114	14.66	cps
Lead	206-1	1839	1806	1789	1811	1.41	cps
Lead	207-1	1561	1667	1622	1617	3.28	cps
Lead	208-1	7079	7318	6995	7131	2.35	cps
Lithium	6-1	1732534	1719606	1708436	1720192	0.70	cps
Magnesium	24-2	69452	68138	69980	69190	1.37	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:03:29	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	810	810	853	824	3.03	cps
Molybdenum	94-1	6994	6719	6919	6877	2.07	cps
Molybdenum	95-1	8686	8545	8586	8606	0.85	cps
Molybdenum	96-1	9403	9462	9504	9456	0.53	cps
Molybdenum	97-1	5760	5551	5285	5532	4.31	cps
Molybdenum	98-1	13107	13081	13082	13090	0.11	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	457	593	543	531	13.02	cps
Phosphorus	31-2	242	283	258	261	8.03	cps
Potassium	39-2	71046	70158	69580	70261	1.05	cps
Rhodium	103-1	2173213	2167295	2175367	2171958	0.19	cps
Rhodium	103-2	1078852	1067056	1076130	1074013	0.58	cps
Scandium	45-1	2678490	2665009	2659620	2667706	0.36	cps
Scandium	45-2	125850	124626	126558	125678	0.78	cps
Selenium	77-2	37	33	37	36	5.42	cps
Selenium	78-2	107	80	65	84	25.75	cps
Selenium	82-1	408	434	387	410	5.74	cps
Silicon	28-1	161149	159474	157495	159372	1.15	cps
Silver	109-1	3200	3159	2909	3089	5.11	cps
Silver	107-1	1475	1446	2055	1659	20.69	cps
Sodium	23-2	143633	139888	143933	142485	1.58	cps
Strontium	86-1	1158	1200	1017	1125	8.54	cps
Strontium	88-1	8778	8636	9153	8856	3.02	cps
Sulfur	34-1	260800	262253	261750	261601	0.28	cps
Terbium	159-1	2970439	2969608	2945801	2961949	0.47	cps
Terbium	159-2	1506298	1483443	1508951	1499564	0.94	cps
Thallium	203-1	2259	2234	2092	2195	4.10	cps
Thallium	205-1	5343	5210	5151	5235	1.88	cps
Thorium	232-1	7491	6685	6941	7039	5.85	cps
Tin	118-1	10613	11180	11121	10971	2.84	cps
Titanium	47-1	3617	3726	3684	3676	1.49	cps
Uranium	238-1	7152	7519	7244	7305	2.61	cps
Vanadium	51-2	5825	5828	5871	5841	0.45	cps
Yttrium	89-1	3034415	3067555	3047552	3049841	0.55	cps
Yttrium	89-2	447985	445426	449155	447522	0.43	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:03:29	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	470	443	417	443	6.02	cps
Zirconium	90-1	5376	5410	5701	5496	3.25	cps
Zirconium	91-1	1258	1150	1100	1170	6.92	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:07:39	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	54341	53329	53338	53669	1.08	cps
Antimony	121-1	118732	120462	118623	119272	0.87	cps
Arsenic	75-2	5308	5312	5468	5363	1.70	cps
Barium	135-1	160989	159725	161774	160830	0.64	cps
Barium	137-1	280025	277553	283442	280340	1.05	cps
Beryllium	9-1	75014	74689	75098	74934	0.29	cps
Bismuth	209-1	1472757	1457183	1479052	1469664	0.77	cps
Bismuth	209-2	968560	964422	969485	967489	0.28	cps
Boron	10-1	13532	13565	14057	13718	2.14	cps
Boron	11-1	59134	58832	60246	59404	1.25	cps
Cadmium	111-1	33794	33942	34042	33926	0.37	cps
Cadmium	106-1	5051	4843	4718	4870	3.46	cps
Cadmium	108-1	2629	2675	2813	2706	3.53	cps
Calcium	43-1	77269	79204	78945	78472	1.34	cps
Calcium	44-1	1233718	1231958	1226865	1230847	0.29	cps
Chromium	52-2	64105	63757	64497	64120	0.58	cps
Cobalt	59-2	85377	84622	84716	84905	0.48	cps
Copper	63-2	106354	105268	106531	106051	0.64	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	8	8	42	19	99.00	cps
Erbium	164-2	0	7	0	2	173.21	cps
Gadolinium	160-1	17	17	25	19	24.73	cps
Gadolinium	160-2	33	67	43	48	35.81	cps
Holmium	165-1	2699408	2686966	2726989	2704455	0.76	cps
Holmium	165-2	1473163	1533988	1458138	1488430	2.70	cps
Indium	115-1	2207222	2206670	2223471	2212455	0.43	cps
Indium	115-2	442071	439351	444287	441903	0.56	cps
Iron	56-2	2269039	2213394	2240631	2241021	1.24	cps
Iron	57-2	59214	59621	58952	59262	0.57	cps
Krypton	83-1	77	90	120	96	23.22	cps
Lead	206-1	84609	86269	87722	86200	1.81	cps
Lead	207-1	74148	76434	76149	75577	1.65	cps
Lead	208-1	337801	343904	342771	341492	0.95	cps
Lithium	6-1	1692835	1688038	1716042	1698972	0.88	cps
Magnesium	24-2	648101	637627	648652	644793	0.96	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:07:39	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	72226	72323	73356	72635	0.86	cps
Molybdenum	94-1	363196	361636	366129	363654	0.63	cps
Molybdenum	95-1	467549	460992	464615	464385	0.71	cps
Molybdenum	96-1	510222	512786	512338	511782	0.27	cps
Molybdenum	97-1	284234	285653	283078	284322	0.45	cps
Molybdenum	98-1	726305	730955	727098	728120	0.34	cps
Neodymium	150-1	7	20	0	9	114.55	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	21399	20124	21229	20917	3.31	cps
Phosphorus	31-2	2817	3025	3467	3103	10.70	cps
Potassium	39-2	292403	289966	293755	292041	0.66	cps
Rhodium	103-1	2079078	2115828	2100822	2098576	0.88	cps
Rhodium	103-2	1057512	1039937	1069864	1055771	1.42	cps
Scandium	45-1	2616008	2617393	2629539	2620980	0.28	cps
Scandium	45-2	121319	121218	122683	121740	0.67	cps
Selenium	77-2	143	157	153	151	4.59	cps
Selenium	78-2	561	620	585	589	5.06	cps
Selenium	82-1	3519	3420	3482	3474	1.43	cps
Silicon	28-1	357841	362348	365155	361781	1.02	cps
Silver	109-1	152641	149113	150595	150783	1.17	cps
Silver	107-1	83987	81477	81715	82393	1.68	cps
Sodium	23-2	1279098	1267223	1276709	1274343	0.49	cps
Strontium	86-1	51318	51100	51218	51212	0.21	cps
Strontium	88-1	436915	435278	436885	436359	0.21	cps
Sulfur	34-1	283187	280773	278600	280853	0.82	cps
Terbium	159-1	2936111	2922712	2933291	2930705	0.24	cps
Terbium	159-2	1489141	1458729	1477158	1475009	1.04	cps
Thallium	203-1	102445	103804	104536	103595	1.02	cps
Thallium	205-1	243109	246076	248268	245818	1.05	cps
Thorium	232-1	388734	386639	387202	387525	0.28	cps
Tin	118-1	101146	98746	101508	100466	1.49	cps
Titanium	47-1	201837	200260	198348	200148	0.87	cps
Uranium	238-1	379531	377852	376042	377808	0.46	cps
Vanadium	51-2	54798	53915	54895	54536	0.99	cps
Yttrium	89-1	2971076	2972496	2988606	2977393	0.33	cps
Yttrium	89-2	431792	430986	437936	433571	0.88	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:07:39	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	16203	16700	16533	16478	1.54	cps
Zirconium	90-1	274095	277526	273640	275087	0.77	cps
Zirconium	91-1	62035	63374	62479	62630	1.09	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 14:11:49 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	127027	130808	126606	128147	1.81	cps
Antimony	121-1	294638	296774	292654	294689	0.70	cps
Arsenic	75-2	13195	13605	13425	13408	1.53	cps
Barium	135-1	398599	393330	393703	395211	0.74	cps
Barium	137-1	688672	683837	683364	685291	0.43	cps
Beryllium	9-1	182582	180660	180252	181165	0.69	cps
Bismuth	209-1	1466379	1439339	1448210	1451309	0.95	cps
Bismuth	209-2	963688	954136	956775	958200	0.51	cps
Boron	10-1	31793	31359	31058	31403	1.18	cps
Boron	11-1	142677	139567	138437	140227	1.57	cps
Cadmium	111-1	83766	83873	83291	83643	0.37	cps
Cadmium	106-1	10304	10363	10888	10518	3.06	cps
Cadmium	108-1	6685	6631	6714	6677	0.63	cps
Calcium	43-1	191753	190985	189744	190827	0.53	cps
Calcium	44-1	2982451	2935605	2924879	2947645	1.04	cps
Chromium	52-2	153843	157524	155425	155597	1.19	cps
Cobalt	59-2	205389	207472	206937	206600	0.52	cps
Copper	63-2	252933	254605	253190	253576	0.35	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	13	13	7	11	34.61	cps
Erbium	164-1	17	33	17	22	43.28	cps
Erbium	164-2	0	7	13	7	99.98	cps
Gadolinium	160-1	8	0	25	11	114.58	cps
Gadolinium	160-2	70	70	57	66	11.74	cps
Holmium	165-1	2709093	2665727	2688895	2687905	0.81	cps
Holmium	165-2	1449750	1450174	1448172	1449366	0.07	cps
Indium	115-1	2002196	2001329	1982554	1995359	0.56	cps
Indium	115-2	429834	438556	436907	435099	1.07	cps
Iron	56-2	5401742	5473586	5431127	5435485	0.66	cps
Iron	57-2	142215	144891	143277	143461	0.94	cps
Krypton	83-1	143	73	140	119	33.22	cps
Lead	206-1	217597	215228	218886	217237	0.85	cps
Lead	207-1	189500	191033	190812	190448	0.44	cps
Lead	208-1	854921	858440	853800	855720	0.28	cps
Lithium	6-1	1660759	1647154	1650379	1652764	0.43	cps
Magnesium	24-2	1504760	1529977	1506779	1513839	0.93	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	175725	176622	176539	176295	0.28	cps
Molybdenum	94-1	888647	884241	889243	887377	0.31	cps
Molybdenum	95-1	1140612	1120045	1129515	1130058	0.91	cps
Molybdenum	96-1	1247304	1223521	1249532	1240119	1.16	cps
Molybdenum	97-1	713510	696259	710483	706751	1.30	cps
Molybdenum	98-1	1772301	1740672	1777748	1763574	1.14	cps
Neodymium	150-1	33	40	33	36	10.82	cps
Neodymium	150-2	10	3	0	4	114.60	cps
Nickel	60-2	51497	51530	51417	51481	0.11	cps
Phosphorus	31-2	7544	7777	7719	7680	1.58	cps
Potassium	39-2	681342	687301	684926	684523	0.44	cps
Rhodium	103-1	2066778	2045893	2036898	2049856	0.75	cps
Rhodium	103-2	1035833	1043285	1035363	1038160	0.43	cps
Scandium	45-1	2548201	2542471	2541786	2544153	0.14	cps
Scandium	45-2	118385	119979	120246	119536	0.84	cps
Selenium	77-2	360	360	440	387	11.95	cps
Selenium	78-2	1324	1482	1352	1386	6.06	cps
Selenium	82-1	8496	8715	8303	8505	2.42	cps
Silicon	28-1	692985	706797	705830	701871	1.10	cps
Silver	109-1	371758	369208	367347	369438	0.60	cps
Silver	107-1	203542	207261	204220	205007	0.97	cps
Sodium	23-2	2994650	3015670	2986473	2998931	0.50	cps
Strontium	86-1	129405	124445	125984	126611	2.01	cps
Strontium	88-1	1065551	1068870	1059859	1064760	0.43	cps
Sulfur	34-1	311603	305965	310038	309202	0.94	cps
Terbium	159-1	2917953	2913289	2880087	2903776	0.71	cps
Terbium	159-2	1549379	1464096	1464040	1492505	3.30	cps
Thallium	203-1	259732	258318	259739	259263	0.32	cps
Thallium	205-1	620098	617380	620910	619463	0.30	cps
Thorium	232-1	974361	970119	977334	973938	0.37	cps
Tin	118-1	247202	248807	246931	247647	0.41	cps
Titanium	47-1	485051	480858	470844	478918	1.52	cps
Uranium	238-1	954308	952403	953734	953481	0.10	cps
Vanadium	51-2	130908	135213	132082	132734	1.68	cps
Yttrium	89-1	2907437	2916479	2913017	2912311	0.16	cps
Yttrium	89-2	429346	434922	426926	430398	0.95	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:11:49	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	40132	39487	39303	39641	1.10	cps
Zirconium	90-1	683180	675257	678402	678946	0.59	cps
Zirconium	91-1	151705	153405	154722	153277	0.99	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:15:45	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	246259	250897	250542	249233	1.04	cps
Antimony	121-1	588812	585601	590454	588289	0.42	cps
Arsenic	75-2	25689	26439	26123	26084	1.44	cps
Barium	135-1	793735	789450	791131	791439	0.27	cps
Barium	137-1	1357352	1361036	1370030	1362806	0.48	cps
Beryllium	9-1	354933	349572	353189	352565	0.78	cps
Bismuth	209-1	1440510	1445447	1450261	1445406	0.34	cps
Bismuth	209-2	939524	962441	949620	950528	1.21	cps
Boron	10-1	62630	60732	62815	62059	1.86	cps
Boron	11-1	272799	273516	275691	274002	0.55	cps
Cadmium	111-1	163801	164862	164279	164314	0.32	cps
Cadmium	106-1	20324	20565	20591	20493	0.72	cps
Cadmium	108-1	13423	12827	13736	13329	3.47	cps
Calcium	43-1	375404	374587	375709	375233	0.15	cps
Calcium	44-1	5760895	5775287	5815608	5783930	0.49	cps
Chromium	52-2	299337	305022	303334	302564	0.96	cps
Cobalt	59-2	397234	405170	402757	401720	1.01	cps
Copper	63-2	488467	502038	497380	495962	1.39	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	7	13	13	11	34.61	cps
Erbium	164-1	0	8	8	6	86.60	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	50	42	0	31	87.67	cps
Gadolinium	160-2	60	67	27	51	41.93	cps
Holmium	165-1	2712513	2694633	2690500	2699215	0.43	cps
Holmium	165-2	1523690	1558630	1437406	1506575	4.14	cps
Indium	115-1	1973001	1946559	1959786	1959782	0.67	cps
Indium	115-2	422363	433230	430113	428569	1.31	cps
Iron	56-2	10485569	10673109	10552071	10570249	0.90	cps
Iron	57-2	274507	286108	281363	280659	2.08	cps
Krypton	83-1	110	123	93	109	13.80	cps
Lead	206-1	426878	428168	430505	428517	0.43	cps
Lead	207-1	377505	380942	373522	377323	0.98	cps
Lead	208-1	1698087	1714445	1703280	1705271	0.49	cps
Lithium	6-1	1619062	1614182	1614891	1616045	0.16	cps
Magnesium	24-2	2946355	2954771	2960259	2953795	0.24	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:15:45	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	341395	347468	348192	345685	1.08	cps
Molybdenum	94-1	1717669	1716443	1741505	1725206	0.82	cps
Molybdenum	95-1	2206886	2212615	2225985	2215162	0.44	cps
Molybdenum	96-1	2421646	2431922	2440654	2431407	0.39	cps
Molybdenum	97-1	1360413	1328461	1346147	1345007	1.19	cps
Molybdenum	98-1	3516084	3491712	3502880	3503559	0.35	cps
Neodymium	150-1	47	100	60	69	40.29	cps
Neodymium	150-2	10	10	3	8	49.52	cps
Nickel	60-2	100471	101300	101720	101164	0.63	cps
Phosphorus	31-2	14791	14549	14733	14691	0.86	cps
Potassium	39-2	1302849	1315854	1324889	1314531	0.84	cps
Rhodium	103-1	2009697	1972559	2013080	1998446	1.12	cps
Rhodium	103-2	997260	1024672	1019683	1013872	1.44	cps
Scandium	45-1	2497950	2500556	2490517	2496341	0.21	cps
Scandium	45-2	115835	116557	117418	116603	0.68	cps
Selenium	77-2	823	743	740	769	6.14	cps
Selenium	78-2	2676	2658	2676	2670	0.40	cps
Selenium	82-1	16665	16448	16576	16563	0.66	cps
Silicon	28-1	1244336	1268807	1265392	1259512	1.05	cps
Silver	109-1	717765	708998	727536	718100	1.29	cps
Silver	107-1	383838	392578	401305	392573	2.22	cps
Sodium	23-2	5789522	5835042	5837131	5820565	0.46	cps
Strontium	86-1	251907	250227	255841	252658	1.14	cps
Strontium	88-1	2107141	2095365	2114206	2105571	0.45	cps
Sulfur	34-1	356499	357500	357004	357001	0.14	cps
Terbium	159-1	2877526	2899069	2916645	2897747	0.68	cps
Terbium	159-2	1535769	1463151	1567830	1522250	3.52	cps
Thallium	203-1	519913	519114	513270	517432	0.70	cps
Thallium	205-1	1227846	1235312	1225912	1229690	0.40	cps
Thorium	232-1	1930334	1945321	1964638	1946764	0.88	cps
Tin	118-1	494734	484541	494976	491417	1.21	cps
Titanium	47-1	941080	938647	943656	941128	0.27	cps
Uranium	238-1	1886766	1898467	1893317	1892850	0.31	cps
Vanadium	51-2	257270	261957	262542	260590	1.11	cps
Yttrium	89-1	2907256	2865534	2880629	2884473	0.73	cps
Yttrium	89-2	416775	427975	426448	423733	1.43	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:15:45	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	74736	76807	77179	76241	1.73	cps
Zirconium	90-1	1333139	1311711	1326751	1323867	0.83	cps
Zirconium	91-1	303706	299910	305652	303089	0.96	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 14:19:37 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	482002	498632	482697	487777	1.93	cps
Antimony	121-1	1164293	1158296	1155455	1159348	0.39	cps
Arsenic	75-2	51742	52955	52260	52319	1.16	cps
Barium	135-1	1548305	1555960	1542408	1548891	0.44	cps
Barium	137-1	2670561	2669377	2687742	2675894	0.38	cps
Beryllium	9-1	674514	676577	670202	673764	0.48	cps
Bismuth	209-1	1420117	1434091	1417310	1423839	0.63	cps
Bismuth	209-2	928797	950916	956579	945431	1.55	cps
Boron	10-1	120763	121032	121460	121085	0.29	cps
Boron	11-1	530759	538831	542682	537424	1.13	cps
Cadmium	111-1	324001	322798	319625	322141	0.70	cps
Cadmium	106-1	38378	38353	38052	38261	0.47	cps
Cadmium	108-1	26208	25749	25582	25846	1.25	cps
Calcium	43-1	740584	736907	732546	736679	0.55	cps
Calcium	44-1	11487507	11537044	11544367	11522973	0.27	cps
Chromium	52-2	586575	603560	593551	594562	1.44	cps
Cobalt	59-2	776993	809180	784516	790230	2.13	cps
Copper	63-2	953942	983618	965269	967610	1.55	cps
Dysprosium	156-1	33	33	17	28	34.63	cps
Dysprosium	156-2	47	40	47	44	8.66	cps
Erbium	164-1	25	8	17	17	50.01	cps
Erbium	164-2	17	17	7	13	43.29	cps
Gadolinium	160-1	33	58	25	39	44.62	cps
Gadolinium	160-2	47	60	57	54	12.74	cps
Holmium	165-1	2717758	2706575	2681701	2702011	0.68	cps
Holmium	165-2	1529917	1456020	1574384	1520107	3.93	cps
Indium	115-1	1974399	1955465	1941998	1957287	0.83	cps
Indium	115-2	422237	436835	428520	429198	1.71	cps
Iron	56-2	20948730	21030335	20752596	20910554	0.68	cps
Iron	57-2	548695	562146	555814	555552	1.21	cps
Krypton	83-1	113	120	100	111	9.17	cps
Lead	206-1	832107	828558	821738	827468	0.64	cps
Lead	207-1	744381	742388	746028	744266	0.24	cps
Lead	208-1	3316928	3307439	3294276	3306215	0.34	cps
Lithium	6-1	1592715	1588903	1568753	1583457	0.81	cps
Magnesium	24-2	5725060	5891095	5757141	5791099	1.52	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:19:37	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	669564	685788	678097	677816	1.20	cps
Molybdenum	94-1	3427828	3459244	3424694	3437255	0.56	cps
Molybdenum	95-1	4404037	4456820	4424827	4428561	0.60	cps
Molybdenum	96-1	4864299	4905083	4824392	4864592	0.83	cps
Molybdenum	97-1	2679012	2674145	2662561	2671906	0.32	cps
Molybdenum	98-1	7005984	7031937	7024950	7020957	0.19	cps
Neodymium	150-1	73	173	113	120	41.94	cps
Neodymium	150-2	3	33	17	18	84.55	cps
Nickel	60-2	195166	199514	195906	196862	1.18	cps
Phosphorus	31-2	29355	29664	29914	29644	0.95	cps
Potassium	39-2	2518952	2559123	2506653	2528243	1.09	cps
Rhodium	103-1	1977376	1971483	1950120	1966327	0.73	cps
Rhodium	103-2	987225	1024472	1008461	1006719	1.86	cps
Scandium	45-1	2498596	2520060	2489498	2502718	0.63	cps
Scandium	45-2	115701	118791	117931	117475	1.36	cps
Selenium	77-2	1393	1470	1620	1495	7.71	cps
Selenium	78-2	5119	5351	5331	5267	2.43	cps
Selenium	82-1	32836	32486	32151	32491	1.06	cps
Silicon	28-1	2531377	2552430	2573632	2552480	0.83	cps
Silver	109-1	1394773	1412570	1396070	1401138	0.71	cps
Silver	107-1	774227	753137	754721	760695	1.54	cps
Sodium	23-2	11423474	11711064	11462331	11532290	1.35	cps
Strontium	86-1	501384	501621	499541	500849	0.23	cps
Strontium	88-1	4155858	4205497	4190463	4183940	0.61	cps
Sulfur	34-1	483599	481788	482493	482627	0.19	cps
Terbium	159-1	2927375	2931898	2881084	2913452	0.97	cps
Terbium	159-2	1438101	1587532	1459862	1495165	5.40	cps
Thallium	203-1	1032174	1023126	1021287	1025529	0.57	cps
Thallium	205-1	2423545	2403527	2395236	2407436	0.60	cps
Thorium	232-1	3954425	3932712	3919125	3935421	0.45	cps
Tin	118-1	973558	981950	962151	972553	1.02	cps
Titanium	47-1	1829186	1825347	1830278	1828270	0.14	cps
Uranium	238-1	3804591	3816956	3786157	3802568	0.41	cps
Vanadium	51-2	507623	520976	510061	512887	1.39	cps
Yttrium	89-1	2894860	2914826	2894928	2901538	0.40	cps
Yttrium	89-2	423313	431711	429338	428121	1.01	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:19:37	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	153746	156336	155421	155168	0.85	cps
Zirconium	90-1	2674528	2705463	2656198	2678730	0.93	cps
Zirconium	91-1	592927	599176	593023	595042	0.60	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:23:28	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	975338	982859	980529	979575	0.39	cps
Antimony	121-1	2310099	2290983	2266313	2289132	0.96	cps
Arsenic	75-2	105179	105906	106507	105864	0.63	cps
Barium	135-1	3182520	3141813	3112819	3145717	1.11	cps
Barium	137-1	5430923	5431469	5389086	5417159	0.45	cps
Beryllium	9-1	1332867	1317007	1321532	1323802	0.62	cps
Bismuth	209-1	1413071	1404406	1411293	1409590	0.32	cps
Bismuth	209-2	906583	923345	929978	919968	1.31	cps
Boron	10-1	239410	238803	241865	240026	0.68	cps
Boron	11-1	1052505	1049651	1041236	1047797	0.56	cps
Cadmium	111-1	675032	666115	674216	671788	0.73	cps
Cadmium	106-1	78225	79548	78207	78660	0.98	cps
Cadmium	108-1	55065	54317	54221	54534	0.85	cps
Calcium	43-1	1474510	1469374	1457515	1467133	0.59	cps
Calcium	44-1	23365458	23304739	23150557	23273585	0.48	cps
Chromium	52-2	1178780	1197913	1201870	1192854	1.04	cps
Cobalt	59-2	1557497	1580158	1575055	1570904	0.76	cps
Copper	63-2	1953347	1973261	1970630	1965746	0.55	cps
Dysprosium	156-1	42	83	50	58	37.80	cps
Dysprosium	156-2	50	47	73	57	25.64	cps
Erbium	164-1	8	8	25	14	69.31	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	25	33	17	25	33.32	cps
Gadolinium	160-2	63	67	63	64	2.99	cps
Holmium	165-1	2771606	2751613	2743426	2755549	0.53	cps
Holmium	165-2	1447636	1447114	1449891	1448214	0.10	cps
Indium	115-1	1950362	1921817	1938914	1937031	0.74	cps
Indium	115-2	419595	428535	427213	425114	1.14	cps
Iron	56-2	41810700	42233670	42122457	42055609	0.52	cps
Iron	57-2	1126795	1149280	1156333	1144136	1.35	cps
Krypton	83-1	130	73	100	101	28.04	cps
Lead	206-1	1650357	1636290	1627342	1637996	0.71	cps
Lead	207-1	1449195	1449508	1445407	1448037	0.16	cps
Lead	208-1	6584395	6582008	6516311	6560904	0.59	cps
Lithium	6-1	1587627	1562158	1570441	1573409	0.83	cps
Magnesium	24-2	11561291	11649163	11651610	11620688	0.44	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:23:28	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1345823	1368010	1370220	1361351	0.99	cps
Molybdenum	94-1	7469688	7411697	7405158	7428848	0.48	cps
Molybdenum	95-1	9792935	9781994	9806803	9793911	0.13	cps
Molybdenum	96-1	10675808	10647990	10662214	10662004	0.13	cps
Molybdenum	97-1	5873005	5877330	5910068	5886801	0.34	cps
Molybdenum	98-1	15340548	15494028	15304145	15379574	0.66	cps
Neodymium	150-1	267	220	220	236	11.44	cps
Neodymium	150-2	27	13	33	24	41.66	cps
Nickel	60-2	389216	393453	392609	391759	0.57	cps
Phosphorus	31-2	59302	59796	60365	59821	0.89	cps
Potassium	39-2	5123176	5107736	5125353	5118755	0.19	cps
Rhodium	103-1	1960517	1955039	1949570	1955042	0.28	cps
Rhodium	103-2	986383	1002049	1005123	997852	1.01	cps
Scandium	45-1	2548712	2502322	2515665	2522233	0.95	cps
Scandium	45-2	118641	120730	120613	119995	0.98	cps
Selenium	77-2	3177	3070	3224	3157	2.49	cps
Selenium	78-2	10526	10960	10339	10608	3.00	cps
Selenium	82-1	65802	65199	65343	65448	0.48	cps
Silicon	28-1	3844469	3894521	3878730	3872574	0.66	cps
Silver	109-1	2958889	2917934	2929300	2935374	0.72	cps
Silver	107-1	1576942	1636802	1599354	1604366	1.89	cps
Sodium	23-2	23144199	23300523	23384934	23276552	0.52	cps
Strontium	86-1	996190	999100	996366	997219	0.16	cps
Strontium	88-1	8544154	8474491	8450468	8489705	0.57	cps
Sulfur	34-1	765239	768114	757704	763685	0.70	cps
Terbium	159-1	2959650	2938104	2924252	2940668	0.61	cps
Terbium	159-2	1461790	1458239	1592889	1504306	5.10	cps
Thallium	203-1	2066007	2047440	2044918	2052788	0.56	cps
Thallium	205-1	4849170	4809828	4869242	4842747	0.62	cps
Thorium	232-1	7998564	7917250	8001303	7972372	0.60	cps
Tin	118-1	1984843	1969442	1947213	1967166	0.96	cps
Titanium	47-1	4161902	4160793	4149864	4157520	0.16	cps
Uranium	238-1	7721159	7755350	7695919	7724142	0.39	cps
Vanadium	51-2	1029748	1046154	1044672	1040191	0.87	cps
Yttrium	89-1	2954307	2934180	2943838	2944108	0.34	cps
Yttrium	89-2	431644	433108	440922	435225	1.15	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:23:28	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	311806	317238	320341	316462	1.37	cps
Zirconium	90-1	5502189	5502235	5453673	5486032	0.51	cps
Zirconium	91-1	1200319	1195594	1183527	1193147	0.73	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:27:17	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4974565	4994513	4974302	4981127	0.23	cps
Antimony	121-1	3492	3142	3267	3301	5.38	cps
Arsenic	75-2	174	137	148	153	12.42	cps
Barium	135-1	817	758	750	775	4.69	cps
Barium	137-1	1642	1592	1308	1514	11.88	cps
Beryllium	9-1	357	320	340	339	5.42	cps
Bismuth	209-1	1213243	1196552	1181242	1197012	1.34	cps
Bismuth	209-2	771397	787246	794987	784543	1.53	cps
Boron	10-1	11914	10996	10120	11010	8.14	cps
Boron	11-1	51046	48219	45737	48334	5.50	cps
Cadmium	111-1	797	743	808	783	4.49	cps
Cadmium	106-1	950	892	967	936	4.21	cps
Cadmium	108-1	8	33	8	17	86.62	cps
Calcium	43-1	6813932	6874872	6873278	6854027	0.51	cps
Calcium	44-1	107151452	108746377	108521861	108139897	0.80	cps
Chromium	52-2	19877	20107	20501	20162	1.57	cps
Cobalt	59-2	19139	18842	18862	18948	0.88	cps
Copper	63-2	2830	2997	2840	2889	3.24	cps
Dysprosium	156-1	33	25	42	33	25.01	cps
Dysprosium	156-2	20	10	7	12	56.76	cps
Erbium	164-1	0	17	17	11	86.60	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	67	33	50	50	33.34	cps
Gadolinium	160-2	67	60	70	66	7.77	cps
Holmium	165-1	2438600	2427852	2447994	2438149	0.41	cps
Holmium	165-2	1422665	1444531	1454512	1440570	1.13	cps
Indium	115-1	1694978	1682842	1675379	1684400	0.59	cps
Indium	115-2	384261	396690	399896	393616	2.10	cps
Iron	56-2	201298716	202696249	202264410	202086458	0.35	cps
Iron	57-2	5140802	5141131	5126988	5136307	0.16	cps
Krypton	83-1	117	113	127	119	5.84	cps
Lead	206-1	1695	1539	1683	1639	5.30	cps
Lead	207-1	1450	1456	1272	1393	7.49	cps
Lead	208-1	6340	6179	6106	6208	1.92	cps
Lithium	6-1	1389395	1376532	1371765	1379231	0.66	cps
Magnesium	24-2	56685597	56157676	56851876	56565050	0.64	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:27:17	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4194	4357	4264	4272	1.92	cps
Molybdenum	94-1	4451	4384	4351	4395	1.16	cps
Molybdenum	95-1	6402	6118	5685	6068	5.95	cps
Molybdenum	96-1	9971	9112	8753	9278	6.74	cps
Molybdenum	97-1	4017	3901	3684	3867	4.38	cps
Molybdenum	98-1	10554	9979	9203	9912	6.84	cps
Neodymium	150-1	53	67	27	49	41.66	cps
Neodymium	150-2	17	23	23	21	18.21	cps
Nickel	60-2	7375	7315	7119	7270	1.85	cps
Phosphorus	31-2	92	125	133	117	18.90	cps
Potassium	39-2	25577044	25659590	25605284	25613972	0.16	cps
Rhodium	103-1	1632894	1633311	1645073	1637093	0.42	cps
Rhodium	103-2	846272	856568	868820	857220	1.32	cps
Scandium	45-1	2241323	2245199	2275770	2254097	0.84	cps
Scandium	45-2	110528	112251	113497	112092	1.33	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	41	48	35	41	15.72	cps
Selenium	82-1	88	94	51	78	29.95	cps
Silicon	28-1	192294	186649	180711	186551	3.11	cps
Silver	109-1	575	475	367	472	22.07	cps
Silver	107-1	221	254	325	267	19.95	cps
Sodium	23-2	113284615	114199119	113431473	113638403	0.43	cps
Strontium	86-1	4326	4284	4276	4295	0.62	cps
Strontium	88-1	34091	34634	35119	34615	1.48	cps
Sulfur	34-1	196494	200573	201478	199515	1.33	cps
Terbium	159-1	2610525	2603772	2590306	2601534	0.40	cps
Terbium	159-2	1421514	1456482	1462548	1446848	1.53	cps
Thallium	203-1	992	983	808	928	11.16	cps
Thallium	205-1	2434	2309	2192	2311	5.23	cps
Thorium	232-1	2650	2384	1984	2339	14.35	cps
Tin	118-1	925	1183	1058	1056	12.24	cps
Titanium	47-1	1333	1183	1150	1222	7.99	cps
Uranium	238-1	1617	1308	1275	1400	13.46	cps
Vanadium	51-2	253	200	220	224	12.01	cps
Yttrium	89-1	2599073	2591609	2589077	2593253	0.20	cps
Yttrium	89-2	398466	405626	412045	405379	1.68	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:27:17	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2514	2730	2670	2638	4.24	cps
Zirconium	90-1	2184	2034	2109	2109	3.56	cps
Zirconium	91-1	425	408	542	458	15.85	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:37:10	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25857	24387	24905	25050	2.98	cps
Antimony	121-1	447545	445762	442912	445406	0.52	cps
Arsenic	75-2	21331	20791	21258	21127	1.39	cps
Barium	135-1	60416	62601	61804	61607	1.79	cps
Barium	137-1	107204	107683	106901	107263	0.37	cps
Beryllium	9-1	136352	135222	135670	135748	0.42	cps
Bismuth	209-1	1428460	1437995	1463976	1443477	1.27	cps
Bismuth	209-2	937107	943455	943774	941445	0.40	cps
Boron	10-1	2825	2959	2542	2775	7.67	cps
Boron	11-1	12931	12189	11780	12300	4.74	cps
Cadmium	111-1	64450	62996	63865	63770	1.15	cps
Cadmium	106-1	6477	6152	6427	6352	2.76	cps
Cadmium	108-1	5730	5676	5314	5573	4.07	cps
Calcium	43-1	29581	29822	29597	29667	0.46	cps
Calcium	44-1	481443	482904	480081	481476	0.29	cps
Chromium	52-2	120709	119855	122392	120985	1.07	cps
Cobalt	59-2	162185	162064	166243	163497	1.45	cps
Copper	63-2	99744	100750	102966	101153	1.63	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	50	50	17	39	49.48	cps
Erbium	164-2	20	13	10	14	35.26	cps
Gadolinium	160-1	17	33	42	31	41.66	cps
Gadolinium	160-2	63	53	60	59	8.65	cps
Holmium	165-1	2599115	2638766	2652133	2630005	1.05	cps
Holmium	165-2	1446490	1513743	1441305	1467179	2.75	cps
Indium	115-1	1950687	1974986	1985624	1970432	0.91	cps
Indium	115-2	436530	435712	440932	437725	0.64	cps
Iron	56-2	938051	926106	938650	934269	0.76	cps
Iron	57-2	23659	23753	23369	23594	0.85	cps
Krypton	83-1	117	133	90	113	19.29	cps
Lead	206-1	336169	340710	337097	337992	0.71	cps
Lead	207-1	290152	285969	288150	288090	0.73	cps
Lead	208-1	1316865	1324054	1320096	1320339	0.27	cps
Lithium	6-1	1584666	1602205	1594789	1593886	0.55	cps
Magnesium	24-2	155497	152549	153975	154007	0.96	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 14:37:10 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	68368	67963	68301	68211	0.32	cps
Molybdenum	94-1	2446489	2484396	2508629	2479838	1.26	cps
Molybdenum	95-1	4338103	4340548	4401809	4360153	0.83	cps
Molybdenum	96-1	4642797	4588443	4662913	4631385	0.83	cps
Molybdenum	97-1	2625513	2646714	2665716	2645981	0.76	cps
Molybdenum	98-1	6825962	6911919	6949194	6895692	0.92	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	41281	40910	41602	41265	0.84	cps
Phosphorus	31-2	58	83	125	89	37.89	cps
Potassium	39-2	230276	228348	228502	229042	0.47	cps
Rhodium	103-1	2023028	2045194	2063490	2043904	0.99	cps
Rhodium	103-2	1030311	1028789	1036205	1031768	0.38	cps
Scandium	45-1	2454777	2480077	2500209	2478354	0.92	cps
Scandium	45-2	118018	116100	118573	117564	1.10	cps
Selenium	77-2	560	677	660	632	9.98	cps
Selenium	78-2	2128	2158	1983	2090	4.46	cps
Selenium	82-1	12720	12933	12816	12823	0.83	cps
Silicon	28-1	141489	144651	148303	144814	2.35	cps
Silver	109-1	267447	269627	268278	268451	0.41	cps
Silver	107-1	148715	141408	149326	146483	3.01	cps
Sodium	23-2	511979	510626	516946	513184	0.65	cps
Strontium	86-1	2592	2434	2200	2409	8.18	cps
Strontium	88-1	19213	19556	19205	19325	1.04	cps
Sulfur	34-1	224194	218731	211842	218256	2.84	cps
Terbium	159-1	2805162	2838380	2877363	2840302	1.27	cps
Terbium	159-2	1460103	1446669	1461352	1456041	0.56	cps
Thallium	203-1	407555	407246	406831	407211	0.09	cps
Thallium	205-1	972615	977094	960544	970084	0.88	cps
Thorium	232-1	694	733	683	704	3.73	cps
Tin	118-1	225	242	292	253	13.73	cps
Titanium	47-1	1775415	1804593	1781805	1787271	0.86	cps
Uranium	238-1	117	33	83	78	53.93	cps
Vanadium	51-2	102537	101862	104228	102876	1.18	cps
Yttrium	89-1	2835750	2838262	2875204	2849739	0.78	cps
Yttrium	89-2	423851	426737	430513	427034	0.78	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:37:10	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	30291	30929	30966	30729	1.23	cps
Zirconium	90-1	1292	1100	1100	1164	9.51	cps
Zirconium	91-1	358	342	333	344	3.70	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 14:41:40 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	50	33	36	35.25	cps
Antimony	121-1	325	433	333	364	16.57	cps
Arsenic	75-2	4	4	6	4	24.86	cps
Barium	135-1	17	0	0	6	173.21	cps
Barium	137-1	8	33	25	22	57.29	cps
Beryllium	9-1	107	100	83	97	12.43	cps
Bismuth	209-1	1451143	1481688	1500076	1477635	1.67	cps
Bismuth	209-2	928304	911818	964043	934722	2.86	cps
Boron	10-1	2059	1825	1734	1872	8.95	cps
Boron	11-1	7502	8303	7752	7852	5.22	cps
Cadmium	111-1	676	696	757	710	5.92	cps
Cadmium	106-1	942	975	1033	983	4.72	cps
Cadmium	108-1	0	4	0	1	173.21	cps
Calcium	43-1	92	83	183	119	46.45	cps
Calcium	44-1	6318	6060	6118	6165	2.20	cps
Chromium	52-2	323	343	303	323	6.19	cps
Cobalt	59-2	17	20	37	24	43.83	cps
Copper	63-2	203	210	210	208	1.85	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	25	11	114.58	cps
Erbium	164-2	3	3	0	2	86.60	cps
Gadolinium	160-1	17	25	0	14	91.65	cps
Gadolinium	160-2	57	37	43	46	22.36	cps
Holmium	165-1	2640865	2699394	2703924	2681394	1.31	cps
Holmium	165-2	1430879	1419092	1522871	1457614	3.90	cps
Indium	115-1	1993861	2051731	2042336	2029309	1.53	cps
Indium	115-2	429685	433492	440821	434666	1.30	cps
Iron	56-2	2328	2361	2611	2434	6.36	cps
Iron	57-2	106	133	83	107	23.32	cps
Krypton	83-1	117	103	87	102	14.70	cps
Lead	206-1	100	72	72	81	19.68	cps
Lead	207-1	83	111	72	89	22.54	cps
Lead	208-1	439	428	344	404	12.79	cps
Lithium	6-1	1613720	1644948	1643448	1634039	1.08	cps
Magnesium	24-2	267	258	250	258	3.23	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 14:41:40 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20	7	13	13	49.99	cps
Molybdenum	94-1	683	608	567	619	9.55	cps
Molybdenum	95-1	825	700	592	706	16.55	cps
Molybdenum	96-1	758	917	867	847	9.55	cps
Molybdenum	97-1	517	400	400	439	15.35	cps
Molybdenum	98-1	1200	1042	1008	1083	9.45	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	20	17	13	17	20.01	cps
Phosphorus	31-2	50	42	25	39	32.73	cps
Potassium	39-2	12673	13056	13165	12965	1.99	cps
Rhodium	103-1	2064223	2103550	2096427	2088066	1.00	cps
Rhodium	103-2	1028454	1029084	1046216	1034585	0.97	cps
Scandium	45-1	2533606	2588452	2564678	2562245	1.07	cps
Scandium	45-2	118519	118701	119961	119060	0.66	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	24	17	35	25	36.83	cps
Selenium	82-1	6	42	61	36	77.97	cps
Silicon	28-1	126237	123951	124674	124954	0.94	cps
Silver	109-1	25	42	17	28	45.82	cps
Silver	107-1	46	29	83	53	52.56	cps
Sodium	23-2	13482	13732	14166	13793	2.51	cps
Strontium	86-1	158	200	175	178	11.80	cps
Strontium	88-1	17	33	83	44	78.07	cps
Sulfur	34-1	225700	228203	224806	226236	0.78	cps
Terbium	159-1	2872231	2893408	2913409	2893016	0.71	cps
Terbium	159-2	1436671	1446912	1463170	1448918	0.92	cps
Thallium	203-1	167	208	292	222	28.64	cps
Thallium	205-1	483	433	375	431	12.59	cps
Thorium	232-1	128	167	150	148	13.17	cps
Tin	118-1	242	242	183	222	15.16	cps
Titanium	47-1	233	200	283	239	17.56	cps
Uranium	238-1	8	0	0	3	173.21	cps
Vanadium	51-2	7	10	3	7	50.03	cps
Yttrium	89-1	2906847	2963601	2965037	2945161	1.13	cps
Yttrium	89-2	422717	424504	435037	427419	1.56	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:41:40	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	107	87	80	91	15.23	cps
Zirconium	90-1	217	233	258	236	8.88	cps
Zirconium	91-1	50	42	42	44	10.82	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 14:46:22 DataFile Name : 014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4692358	4666860	4650393	4669870	0.45	cps
Antimony	121-1	2550	2642	2509	2567	2.66	cps
Arsenic	75-2	28	31	31	30	7.06	cps
Barium	135-1	842	900	875	872	3.35	cps
Barium	137-1	1542	1634	1392	1522	8.02	cps
Beryllium	9-1	483	470	513	489	4.54	cps
Bismuth	209-1	1338123	1332647	1352486	1341085	0.76	cps
Bismuth	209-2	868243	882942	878755	876647	0.86	cps
Boron	10-1	1700	1767	1650	1706	3.43	cps
Boron	11-1	7160	7127	6785	7024	2.96	cps
Cadmium	111-1	1224	885	986	1032	16.88	cps
Cadmium	106-1	975	833	908	906	7.83	cps
Cadmium	108-1	833	825	1000	886	11.14	cps
Calcium	43-1	1404545	1395280	1409755	1403193	0.52	cps
Calcium	44-1	22638193	22730871	22825159	22731408	0.41	cps
Chromium	52-2	25322	25629	25546	25499	0.62	cps
Cobalt	59-2	1987	2137	2147	2090	4.29	cps
Copper	63-2	7746	7482	8049	7759	3.66	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	3	7	17	9	78.08	cps
Erbium	164-1	17	17	8	14	34.67	cps
Erbium	164-2	3	7	13	8	65.47	cps
Gadolinium	160-1	17	58	25	33	66.14	cps
Gadolinium	160-2	60	53	70	61	13.73	cps
Holmium	165-1	2634984	2647335	2654529	2645616	0.37	cps
Holmium	165-2	1463595	1452181	1443476	1453084	0.69	cps
Indium	115-1	1914916	1930926	1919351	1921731	0.43	cps
Indium	115-2	424381	426421	432011	427604	0.92	cps
Iron	56-2	85804285	85596810	86542227	85981107	0.58	cps
Iron	57-2	2177283	2170725	2202892	2183633	0.78	cps
Krypton	83-1	97	120	113	110	10.92	cps
Lead	206-1	8470	8114	8331	8305	2.16	cps
Lead	207-1	6368	6385	6463	6405	0.79	cps
Lead	208-1	30554	30003	30220	30259	0.92	cps
Lithium	6-1	1588163	1571059	1578273	1579165	0.54	cps
Magnesium	24-2	12121590	12074003	12097353	12097649	0.20	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:46:22	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5378	5518	5614	5503	2.16	cps
Molybdenum	94-1	1659937	1635589	1625720	1640415	1.07	cps
Molybdenum	95-1	2942236	2960027	2924106	2942123	0.61	cps
Molybdenum	96-1	3102194	3141508	3131632	3125112	0.65	cps
Molybdenum	97-1	1773952	1789203	1784191	1782448	0.44	cps
Molybdenum	98-1	4674116	4670518	4655706	4666780	0.21	cps
Neodymium	150-1	13	27	7	16	65.47	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	2167	2184	2167	2172	0.44	cps
Phosphorus	31-2	292857	291583	296139	293526	0.80	cps
Potassium	39-2	10638545	10543280	10605791	10595872	0.46	cps
Rhodium	103-1	1919480	1914160	1945184	1926274	0.86	cps
Rhodium	103-2	978594	979736	981920	980083	0.17	cps
Scandium	45-1	2489921	2504665	2548484	2514357	1.21	cps
Scandium	45-2	119077	120044	119790	119637	0.42	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	31	39	28	33	17.29	cps
Selenium	82-1	55	8	10	25	107.98	cps
Silicon	28-1	221493	219037	218995	219842	0.65	cps
Silver	109-1	125	133	108	122	10.41	cps
Silver	107-1	54	58	146	86	60.11	cps
Sodium	23-2	24373178	24410918	24368125	24384074	0.10	cps
Strontium	86-1	34359	33849	33949	34052	0.79	cps
Strontium	88-1	289700	286767	286218	287562	0.65	cps
Sulfur	34-1	3167354	3148978	3170421	3162251	0.37	cps
Terbium	159-1	2834525	2847653	2864633	2848937	0.53	cps
Terbium	159-2	1453726	1444392	1457535	1451884	0.47	cps
Thallium	203-1	283	325	258	289	11.66	cps
Thallium	205-1	725	633	550	636	13.76	cps
Thorium	232-1	183	217	156	185	16.52	cps
Tin	118-1	542	450	633	542	16.92	cps
Titanium	47-1	1281359	1244439	1258445	1261414	1.48	cps
Uranium	238-1	117	167	158	147	18.20	cps
Vanadium	51-2	277	240	233	250	9.33	cps
Yttrium	89-1	2876152	2866596	2926728	2889825	1.12	cps
Yttrium	89-2	428671	428017	440181	432289	1.58	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:46:22	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1610	1787	1667	1688	5.34	cps
Zirconium	90-1	333	358	317	336	6.24	cps
Zirconium	91-1	33	100	100	78	49.49	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 14:49:59 DataFile Name : 015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4818855	4781749	4791062	4797222	0.40	cps
Antimony	121-1	50425	49255	48108	49262	2.35	cps
Arsenic	75-2	2208	2315	2139	2221	3.99	cps
Barium	135-1	13841	14066	13991	13966	0.82	cps
Barium	137-1	24431	24397	24305	24378	0.27	cps
Beryllium	9-1	28918	28493	28914	28775	0.85	cps
Bismuth	209-1	1348668	1355593	1358355	1354206	0.37	cps
Bismuth	209-2	876807	877009	874981	876266	0.13	cps
Boron	10-1	14107	14024	13807	13979	1.11	cps
Boron	11-1	63216	62789	64371	63459	1.29	cps
Cadmium	111-1	14266	14009	13807	14027	1.64	cps
Cadmium	106-1	3242	3417	3376	3345	2.73	cps
Cadmium	108-1	2163	2175	2071	2136	2.66	cps
Calcium	43-1	1453942	1451271	1432453	1445889	0.81	cps
Calcium	44-1	23509105	23620453	23717373	23615643	0.44	cps
Chromium	52-2	51065	51771	51848	51561	0.84	cps
Cobalt	59-2	36105	35149	35764	35672	1.36	cps
Copper	63-2	28912	28298	28451	28554	1.12	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	25	0	25	17	86.60	cps
Erbium	164-2	13	13	17	14	13.35	cps
Gadolinium	160-1	8	17	25	17	50.01	cps
Gadolinium	160-2	57	60	50	56	9.17	cps
Holmium	165-1	2693837	2695396	2699650	2696294	0.11	cps
Holmium	165-2	1468931	1467150	1459791	1465291	0.33	cps
Indium	115-1	1943413	1965759	1970105	1959759	0.73	cps
Indium	115-2	429641	432368	433007	431672	0.41	cps
Iron	56-2	88316821	88645666	87879441	88280643	0.44	cps
Iron	57-2	2261847	2251431	2246783	2253354	0.34	cps
Krypton	83-1	97	80	120	99	20.32	cps
Lead	206-1	41995	41610	42106	41904	0.62	cps
Lead	207-1	34613	34780	34111	34502	1.01	cps
Lead	208-1	161443	161504	159952	160966	0.55	cps
Lithium	6-1	1596707	1600655	1596427	1597930	0.15	cps
Magnesium	24-2	12499870	12416351	12417413	12444544	0.39	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:49:59	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20027	19884	19640	19850	0.99	cps
Molybdenum	94-1	1870213	1887584	1888502	1882100	0.55	cps
Molybdenum	95-1	3124282	3131623	3169759	3141888	0.78	cps
Molybdenum	96-1	3324834	3320672	3361144	3335550	0.67	cps
Molybdenum	97-1	1859041	1895281	1914402	1889575	1.49	cps
Molybdenum	98-1	4905583	4923131	5012532	4947082	1.16	cps
Neodymium	150-1	20	0	33	18	94.37	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	10454	10360	10651	10488	1.41	cps
Phosphorus	31-2	304627	302053	302993	303224	0.43	cps
Potassium	39-2	10978716	10952930	10961348	10964331	0.12	cps
Rhodium	103-1	1963338	1954941	1993257	1970512	1.02	cps
Rhodium	103-2	994333	1004486	998789	999203	0.51	cps
Scandium	45-1	2565470	2591481	2604201	2587051	0.76	cps
Scandium	45-2	123194	122407	123385	122995	0.42	cps
Selenium	77-2	67	73	63	68	7.51	cps
Selenium	78-2	307	283	233	275	13.75	cps
Selenium	82-1	1368	1345	1238	1317	5.25	cps
Silicon	28-1	414353	410077	410817	411749	0.55	cps
Silver	109-1	54799	53276	53870	53981	1.42	cps
Silver	107-1	29574	30762	30642	30326	2.16	cps
Sodium	23-2	25110023	25139104	24860116	25036414	0.61	cps
Strontium	86-1	97857	95710	97128	96898	1.13	cps
Strontium	88-1	822325	832056	830612	828331	0.63	cps
Sulfur	34-1	3297302	3316361	3275301	3296321	0.62	cps
Terbium	159-1	2872368	2930434	2913042	2905282	1.03	cps
Terbium	159-2	1482300	1482132	1470221	1478218	0.47	cps
Thallium	203-1	40471	40579	39552	40201	1.40	cps
Thallium	205-1	99429	97709	96836	97991	1.35	cps
Thorium	232-1	733	733	739	735	0.44	cps
Tin	118-1	103892	103093	101273	102753	1.31	cps
Titanium	47-1	1349944	1337433	1346222	1344533	0.48	cps
Uranium	238-1	402791	391166	388655	394204	1.91	cps
Vanadium	51-2	22270	22541	22327	22379	0.64	cps
Yttrium	89-1	2945238	2970663	2995758	2970553	0.85	cps
Yttrium	89-2	438208	437685	439321	438405	0.19	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:49:59	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4824	4904	4634	4788	2.90	cps
Zirconium	90-1	290634	286694	284470	287266	1.09	cps
Zirconium	91-1	65283	64738	65409	65144	0.55	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:53:38	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2845777	2821899	2814688	2827455	0.58	cps
Antimony	121-1	1197914	1172436	1169390	1179914	1.33	cps
Arsenic	75-2	57710	58958	58891	58520	1.20	cps
Barium	135-1	1561481	1545062	1559692	1555412	0.58	cps
Barium	137-1	2672781	2664975	2694890	2677549	0.58	cps
Beryllium	9-1	674734	661405	659318	665153	1.26	cps
Bismuth	209-1	1319792	1314305	1305275	1313124	0.56	cps
Bismuth	209-2	868010	878009	878834	874951	0.69	cps
Boron	10-1	118185	116640	117649	117491	0.67	cps
Boron	11-1	519949	515910	520959	518939	0.51	cps
Cadmium	111-1	341337	338149	338445	339311	0.52	cps
Cadmium	106-1	40483	41027	40233	40581	1.00	cps
Cadmium	108-1	26838	26705	26738	26760	0.26	cps
Calcium	43-1	3773723	3668579	3698968	3713757	1.46	cps
Calcium	44-1	59859324	58474737	58611814	58981958	1.29	cps
Chromium	52-2	626608	627473	631652	628577	0.43	cps
Cobalt	59-2	799879	809956	806763	805533	0.64	cps
Copper	63-2	1031851	1045277	1048973	1042034	0.86	cps
Dysprosium	156-1	42	58	17	39	53.93	cps
Dysprosium	156-2	47	43	37	42	12.06	cps
Erbium	164-1	25	25	17	22	21.64	cps
Erbium	164-2	10	13	20	14	35.26	cps
Gadolinium	160-1	33	25	33	31	15.74	cps
Gadolinium	160-2	27	70	67	54	44.29	cps
Holmium	165-1	2695101	2668394	2645105	2669533	0.94	cps
Holmium	165-2	1532794	1435212	1554425	1507477	4.21	cps
Indium	115-1	1925153	1897561	1909360	1910691	0.72	cps
Indium	115-2	430589	433678	430943	431736	0.39	cps
Iron	56-2	110205497	109786511	109099847	109697285	0.51	cps
Iron	57-2	2802710	2798744	2773747	2791733	0.56	cps
Krypton	83-1	73	127	110	103	26.41	cps
Lead	206-1	791380	780089	779971	783813	0.84	cps
Lead	207-1	720790	704228	698364	707794	1.64	cps
Lead	208-1	3182574	3121187	3102669	3135477	1.33	cps
Lithium	6-1	1565794	1539686	1531027	1545502	1.17	cps
Magnesium	24-2	30566033	30474741	30314345	30451707	0.42	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:53:38	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	701707	713541	709076	708108	0.84	cps
Molybdenum	94-1	3491851	3488581	3457994	3479475	0.54	cps
Molybdenum	95-1	4510505	4473455	4416070	4466677	1.07	cps
Molybdenum	96-1	4940417	4919684	4863451	4907851	0.81	cps
Molybdenum	97-1	2719746	2716741	2673439	2703309	0.96	cps
Molybdenum	98-1	7053463	7075504	7050549	7059839	0.19	cps
Neodymium	150-1	147	113	140	133	13.23	cps
Neodymium	150-2	33	23	23	27	21.65	cps
Nickel	60-2	198474	201772	201258	200501	0.89	cps
Phosphorus	31-2	29689	31175	30282	30382	2.46	cps
Potassium	39-2	13888753	13869924	13792585	13850421	0.37	cps
Rhodium	103-1	1916744	1904767	1885019	1902177	0.84	cps
Rhodium	103-2	966920	986576	981051	978182	1.04	cps
Scandium	45-1	2566928	2533371	2525122	2541807	0.87	cps
Scandium	45-2	123788	124353	124935	124359	0.46	cps
Selenium	77-2	1670	1610	1627	1636	1.89	cps
Selenium	78-2	5647	5568	5655	5623	0.86	cps
Selenium	82-1	32577	32124	32052	32251	0.88	cps
Silicon	28-1	2381341	2432971	2483733	2432681	2.10	cps
Silver	109-1	1460409	1437764	1444746	1447640	0.80	cps
Silver	107-1	811593	782964	791535	795364	1.85	cps
Sodium	23-2	61274495	61414410	61143870	61277592	0.22	cps
Strontium	86-1	510519	502172	496892	503195	1.37	cps
Strontium	88-1	4288195	4248081	4257795	4264690	0.49	cps
Sulfur	34-1	511426	503168	506271	506955	0.82	cps
Terbium	159-1	2888514	2865449	2847541	2867168	0.72	cps
Terbium	159-2	1448579	1572331	1565125	1528678	4.54	cps
Thallium	203-1	996697	979545	965448	980563	1.60	cps
Thallium	205-1	2322797	2303182	2285526	2303835	0.81	cps
Thorium	232-1	3897586	3890328	3832980	3873631	0.91	cps
Tin	118-1	980336	957135	943376	960282	1.95	cps
Titanium	47-1	1884979	1876077	1856370	1872475	0.78	cps
Uranium	238-1	3773538	3737694	3725456	3745563	0.67	cps
Vanadium	51-2	545415	551831	550898	549381	0.63	cps
Yttrium	89-1	2945717	2922745	2920883	2929781	0.47	cps
Yttrium	89-2	444717	446526	443729	444990	0.32	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 14:53:38	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	156313	160255	159271	158613	1.29	cps
Zirconium	90-1	2750552	2746874	2743737	2747054	0.12	cps
Zirconium	91-1	605645	603519	604985	604716	0.18	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 15:02:25	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1192	967	1325	1161	15.60	cps
Antimony	121-1	4993	4609	4534	4712	5.22	cps
Arsenic	75-2	93	167	119	126	29.85	cps
Barium	135-1	6435	5918	6393	6249	4.60	cps
Barium	137-1	11664	10846	11046	11186	3.81	cps
Beryllium	9-1	1543	1537	1473	1518	2.55	cps
Bismuth	209-1	1512582	1493900	1485041	1497174	0.94	cps
Bismuth	209-2	942057	946550	952978	947195	0.58	cps
Boron	10-1	8119	7586	8411	8039	5.21	cps
Boron	11-1	36161	34908	35918	35662	1.86	cps
Cadmium	111-1	1353	1449	1348	1383	4.12	cps
Cadmium	106-1	1042	1142	1017	1067	6.20	cps
Cadmium	108-1	79	54	50	61	25.81	cps
Calcium	43-1	7127	7652	7777	7519	4.59	cps
Calcium	44-1	129773	128042	128000	128605	0.79	cps
Chromium	52-2	3034	2880	3120	3011	4.04	cps
Cobalt	59-2	1717	1740	1770	1742	1.53	cps
Copper	63-2	2504	2424	2367	2431	2.82	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	0	0	6	173.21	cps
Erbium	164-2	0	10	0	3	173.21	cps
Gadolinium	160-1	17	25	25	22	21.64	cps
Gadolinium	160-2	70	60	60	63	9.12	cps
Holmium	165-1	2734924	2754494	2731088	2740169	0.46	cps
Holmium	165-2	1473482	1487330	1477322	1479378	0.48	cps
Indium	115-1	2100665	2100170	2086618	2095818	0.38	cps
Indium	115-2	450627	451502	451699	451276	0.13	cps
Iron	56-2	57502	55550	56933	56661	1.77	cps
Iron	57-2	1395	1583	1500	1493	6.34	cps
Krypton	83-1	93	103	97	98	5.21	cps
Lead	206-1	1911	1956	1733	1867	6.30	cps
Lead	207-1	1722	1583	1745	1683	5.19	cps
Lead	208-1	7601	7295	7423	7440	2.06	cps
Lithium	6-1	1662950	1645569	1652487	1653669	0.53	cps
Magnesium	24-2	67385	66916	67795	67366	0.65	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 15:02:25	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	757	853	817	809	6.03	cps
Molybdenum	94-1	6810	6235	6443	6496	4.48	cps
Molybdenum	95-1	8595	8728	8086	8470	4.00	cps
Molybdenum	96-1	9871	9162	8828	9287	5.73	cps
Molybdenum	97-1	5651	5026	5393	5357	5.87	cps
Molybdenum	98-1	14199	12923	12498	13207	6.71	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	440	487	487	471	5.72	cps
Phosphorus	31-2	233	258	217	236	8.88	cps
Potassium	39-2	71398	70150	70551	70700	0.90	cps
Rhodium	103-1	2186072	2165605	2179238	2176972	0.48	cps
Rhodium	103-2	1059394	1065340	1057730	1060822	0.38	cps
Scandium	45-1	2643908	2649330	2653520	2648919	0.18	cps
Scandium	45-2	124662	124720	125271	124884	0.27	cps
Selenium	77-2	7	43	23	24	75.09	cps
Selenium	78-2	76	65	80	73	10.49	cps
Selenium	82-1	408	383	401	397	3.22	cps
Silicon	28-1	156030	152351	153631	154004	1.21	cps
Silver	109-1	2900	2950	3192	3014	5.18	cps
Silver	107-1	1750	1525	1563	1613	7.48	cps
Sodium	23-2	146600	145962	145406	145989	0.41	cps
Strontium	86-1	1392	1208	1150	1250	10.09	cps
Strontium	88-1	9020	8886	8294	8734	4.42	cps
Sulfur	34-1	237140	231816	234534	234497	1.14	cps
Terbium	159-1	2974178	2965889	2959143	2966403	0.25	cps
Terbium	159-2	1498255	1497851	1489777	1495295	0.32	cps
Thallium	203-1	2034	2175	2084	2097	3.43	cps
Thallium	205-1	5210	5576	5218	5335	3.93	cps
Thorium	232-1	7430	7413	7486	7443	0.51	cps
Tin	118-1	10855	10262	10746	10621	2.97	cps
Titanium	47-1	3576	3634	3442	3551	2.77	cps
Uranium	238-1	7327	7127	7194	7216	1.41	cps
Vanadium	51-2	5801	5491	5644	5646	2.75	cps
Yttrium	89-1	3065562	3083906	3057634	3069034	0.44	cps
Yttrium	89-2	440078	441701	445547	442442	0.63	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 15:02:25	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	393	387	520	433	17.34	cps
Zirconium	90-1	5835	5676	5501	5671	2.94	cps
Zirconium	91-1	1308	1225	1250	1261	3.39	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 15:06:39	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	58	42	61	34.32	cps
Antimony	121-1	92	192	75	119	52.83	cps
Arsenic	75-2	4	4	4	4	0.00	cps
Barium	135-1	8	25	25	19	49.50	cps
Barium	137-1	58	42	33	44	28.65	cps
Beryllium	9-1	60	83	107	83	28.00	cps
Bismuth	209-1	1449063	1478264	1454787	1460705	1.06	cps
Bismuth	209-2	938522	936787	931377	935562	0.40	cps
Boron	10-1	1859	1850	1800	1836	1.72	cps
Boron	11-1	8219	7644	7686	7850	4.09	cps
Cadmium	111-1	706	650	685	680	4.20	cps
Cadmium	106-1	992	908	958	953	4.40	cps
Cadmium	108-1	13	4	4	7	69.23	cps
Calcium	43-1	92	208	125	142	42.42	cps
Calcium	44-1	7594	7477	7227	7433	2.52	cps
Chromium	52-2	337	350	447	378	15.89	cps
Cobalt	59-2	33	23	27	28	18.33	cps
Copper	63-2	253	270	270	264	3.64	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	17	17	11	86.60	cps
Erbium	164-2	17	3	0	7	132.33	cps
Gadolinium	160-1	8	17	42	22	78.07	cps
Gadolinium	160-2	37	83	47	56	44.22	cps
Holmium	165-1	2665101	2673045	2679066	2672404	0.26	cps
Holmium	165-2	1454650	1456201	1431627	1447493	0.95	cps
Indium	115-1	2023952	2046897	2049316	2040055	0.69	cps
Indium	115-2	444941	447104	446105	446050	0.24	cps
Iron	56-2	3717	3712	3717	3715	0.09	cps
Iron	57-2	172	200	139	170	17.96	cps
Krypton	83-1	100	97	127	108	15.26	cps
Lead	206-1	222	144	150	172	25.20	cps
Lead	207-1	244	156	183	194	23.39	cps
Lead	208-1	878	672	739	763	13.74	cps
Lithium	6-1	1633975	1639437	1641032	1638148	0.23	cps
Magnesium	24-2	542	592	533	556	5.68	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 15:06:39	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23	33	27	28	18.33	cps
Molybdenum	94-1	200	208	167	192	11.50	cps
Molybdenum	95-1	267	242	142	217	30.53	cps
Molybdenum	96-1	300	142	158	200	43.50	cps
Molybdenum	97-1	125	75	108	103	24.77	cps
Molybdenum	98-1	242	308	167	239	29.67	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	10	20	17	16	32.73	cps
Phosphorus	31-2	33	83	117	78	53.93	cps
Potassium	39-2	13623	13940	13507	13690	1.64	cps
Rhodium	103-1	2141332	2147142	2129301	2139258	0.43	cps
Rhodium	103-2	1053559	1061341	1052138	1055679	0.47	cps
Scandium	45-1	2584412	2600855	2618941	2601403	0.66	cps
Scandium	45-2	124185	124676	123738	124200	0.38	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	39	31	35	35	10.53	cps
Selenium	82-1	38	23	-8	18	133.46	cps
Silicon	28-1	129809	129808	130556	130058	0.33	cps
Silver	109-1	33	58	108	67	57.29	cps
Silver	107-1	42	46	4	31	75.09	cps
Sodium	23-2	13565	13582	12906	13351	2.89	cps
Strontium	86-1	167	167	208	181	13.32	cps
Strontium	88-1	117	133	58	103	38.31	cps
Sulfur	34-1	253014	246872	242703	247530	2.10	cps
Terbium	159-1	2856487	2906180	2889627	2884098	0.88	cps
Terbium	159-2	1481887	1485829	1463785	1477167	0.80	cps
Thallium	203-1	142	158	133	144	8.81	cps
Thallium	205-1	333	417	417	389	12.37	cps
Thorium	232-1	156	172	183	170	8.21	cps
Tin	118-1	225	133	167	175	26.51	cps
Titanium	47-1	50	83	67	67	25.00	cps
Uranium	238-1	25	25	25	25	0.00	cps
Vanadium	51-2	3	3	3	3	0.00	cps
Yttrium	89-1	2939537	2991557	3029107	2986734	1.51	cps
Yttrium	89-2	440004	439029	438828	439287	0.14	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 15:06:39	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	100	100	103	101	1.91	cps
Zirconium	90-1	333	308	300	314	5.53	cps
Zirconium	91-1	83	58	75	72	17.62	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 15:10:15	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1067	1150	975	1064	8.23	cps
Antimony	121-1	4318	4726	4443	4495	4.66	cps
Arsenic	75-2	120	126	131	126	4.41	cps
Barium	135-1	7377	6393	6577	6782	7.71	cps
Barium	137-1	11680	11372	10754	11269	4.18	cps
Beryllium	9-1	1623	1630	1587	1613	1.45	cps
Bismuth	209-1	1530561	1493865	1495831	1506752	1.37	cps
Bismuth	209-2	944638	869913	872856	895802	4.72	cps
Boron	10-1	7677	7394	7686	7585	2.19	cps
Boron	11-1	33028	32544	33722	33098	1.79	cps
Cadmium	111-1	1448	1410	1241	1366	8.10	cps
Cadmium	106-1	1217	1192	950	1120	13.16	cps
Cadmium	108-1	58	58	71	62	11.55	cps
Calcium	43-1	8119	7969	8186	8091	1.37	cps
Calcium	44-1	132759	128370	128866	129998	1.85	cps
Chromium	52-2	3167	2934	2937	3013	4.44	cps
Cobalt	59-2	1717	1877	1727	1773	5.05	cps
Copper	63-2	2300	2340	2514	2385	4.76	cps
Dysprosium	156-1	0	8	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	3	3	3	3	0.00	cps
Gadolinium	160-1	17	8	33	19	65.47	cps
Gadolinium	160-2	47	50	30	42	25.38	cps
Holmium	165-1	2832861	2731171	2741607	2768546	2.02	cps
Holmium	165-2	1446697	1323208	1393964	1387956	4.46	cps
Indium	115-1	2151957	2090033	2101341	2114444	1.56	cps
Indium	115-2	446276	410421	412388	423029	4.76	cps
Iron	56-2	54820	54083	55059	54654	0.93	cps
Iron	57-2	1461	1522	1450	1478	2.63	cps
Krypton	83-1	73	113	113	100	23.10	cps
Lead	206-1	1622	1911	1945	1826	9.71	cps
Lead	207-1	1756	1439	1739	1645	10.84	cps
Lead	208-1	7145	7162	7579	7295	3.37	cps
Lithium	6-1	1753021	1709744	1703397	1722054	1.57	cps
Magnesium	24-2	70508	66557	69436	68834	2.97	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 15:10:15	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	763	813	823	800	4.02	cps
Molybdenum	94-1	6735	6927	6652	6771	2.08	cps
Molybdenum	95-1	8661	8461	8236	8453	2.52	cps
Molybdenum	96-1	9595	9212	9020	9276	3.16	cps
Molybdenum	97-1	5343	5259	4618	5073	7.82	cps
Molybdenum	98-1	13465	13265	13090	13273	1.42	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	507	487	457	483	5.21	cps
Phosphorus	31-2	225	242	325	264	20.30	cps
Potassium	39-2	71690	69320	71874	70962	2.01	cps
Rhodium	103-1	2237696	2166456	2157693	2187282	2.01	cps
Rhodium	103-2	1059439	981013	979187	1006546	4.55	cps
Scandium	45-1	2759062	2658286	2701816	2706388	1.87	cps
Scandium	45-2	124736	114859	113188	117594	5.31	cps
Selenium	77-2	27	27	27	27	0.00	cps
Selenium	78-2	81	91	109	94	15.08	cps
Selenium	82-1	458	422	408	429	5.97	cps
Silicon	28-1	157840	154902	156795	156512	0.95	cps
Silver	109-1	3251	2992	3134	3125	4.14	cps
Silver	107-1	1734	1846	1492	1691	10.71	cps
Sodium	23-2	145801	143615	146601	145339	1.06	cps
Strontium	86-1	1275	967	1383	1208	17.89	cps
Strontium	88-1	9070	8111	8194	8458	6.28	cps
Sulfur	34-1	247692	251730	250887	250103	0.85	cps
Terbium	159-1	3057059	2978237	2977644	3004313	1.52	cps
Terbium	159-2	1463203	1356402	1348638	1389414	4.61	cps
Thallium	203-1	2200	1950	2184	2111	6.62	cps
Thallium	205-1	5076	5218	5226	5173	1.63	cps
Thorium	232-1	6958	6735	7341	7011	4.37	cps
Tin	118-1	11021	10838	10704	10855	1.47	cps
Titanium	47-1	3576	3751	3667	3664	2.39	cps
Uranium	238-1	7377	7536	7603	7505	1.54	cps
Vanadium	51-2	5798	5808	5981	5862	1.76	cps
Yttrium	89-1	3141058	3050729	3068600	3086796	1.55	cps
Yttrium	89-2	441379	407834	407813	419009	4.62	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 15:10:15	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	400	410	460	423	7.59	cps
Zirconium	90-1	5743	5426	5651	5607	2.91	cps
Zirconium	91-1	1342	1400	1325	1356	2.91	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : PB121426BL Instrumnet Name : P7
 Client Sample ID : PB121426BL Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 15:13:51 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	25	17	17	50.01	cps
Antimony	121-1	100	67	117	94	26.96	cps
Arsenic	75-2	2	4	4	3	34.64	cps
Barium	135-1	8	8	0	6	86.60	cps
Barium	137-1	0	17	17	11	86.60	cps
Beryllium	9-1	63	63	40	56	24.25	cps
Bismuth	209-1	1496049	1481013	1476071	1484378	0.70	cps
Bismuth	209-2	948114	955156	935271	946180	1.07	cps
Boron	10-1	1417	1408	1308	1378	4.38	cps
Boron	11-1	6552	5868	6002	6140	5.90	cps
Cadmium	111-1	752	740	666	720	6.47	cps
Cadmium	106-1	1067	1058	950	1025	6.35	cps
Cadmium	108-1	4	13	4	7	69.23	cps
Calcium	43-1	133	50	100	94	44.41	cps
Calcium	44-1	6527	6410	6618	6518	1.60	cps
Chromium	52-2	373	360	347	360	3.70	cps
Cobalt	59-2	23	20	27	23	14.29	cps
Copper	63-2	210	267	153	210	26.98	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	8	17	8	11	43.34	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	25	0	8	11	114.58	cps
Gadolinium	160-2	53	30	43	42	27.72	cps
Holmium	165-1	2688955	2730461	2698990	2706135	0.80	cps
Holmium	165-2	1470528	1461685	1450661	1460958	0.68	cps
Indium	115-1	2081888	2101727	2074396	2086004	0.68	cps
Indium	115-2	451069	453737	450455	451754	0.39	cps
Iron	56-2	2017	2178	2067	2087	3.95	cps
Iron	57-2	106	133	156	131	19.05	cps
Krypton	83-1	90	100	113	101	11.58	cps
Lead	206-1	139	128	133	133	4.17	cps
Lead	207-1	67	83	111	87	25.80	cps
Lead	208-1	461	428	517	469	9.59	cps
Lithium	6-1	1710872	1717741	1689159	1705924	0.87	cps
Magnesium	24-2	50	108	150	103	48.88	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	PB121426BL	Instrumnet Name :	P7
Client Sample ID :	PB121426BL	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 15:13:51	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20	17	10	16	32.73	cps
Molybdenum	94-1	150	117	158	142	15.56	cps
Molybdenum	95-1	58	83	67	69	18.33	cps
Molybdenum	96-1	108	108	158	125	23.09	cps
Molybdenum	97-1	50	75	33	53	39.74	cps
Molybdenum	98-1	83	117	100	100	16.66	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	7	7	27	13	86.58	cps
Phosphorus	31-2	92	117	67	92	27.27	cps
Potassium	39-2	13173	13782	13156	13370	2.67	cps
Rhodium	103-1	2155795	2152196	2154134	2154042	0.08	cps
Rhodium	103-2	1068302	1081060	1074829	1074730	0.59	cps
Scandium	45-1	2641129	2664743	2650503	2652125	0.45	cps
Scandium	45-2	125412	125442	125217	125357	0.10	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	26	30	43	33	26.74	cps
Selenium	82-1	40	0	13	17	116.33	cps
Silicon	28-1	121935	123095	122774	122601	0.49	cps
Silver	109-1	42	25	17	28	45.82	cps
Silver	107-1	-13	54	25	22	150.39	cps
Sodium	23-2	11238	11321	11079	11213	1.10	cps
Strontium	86-1	150	183	142	158	13.92	cps
Strontium	88-1	67	50	50	56	17.32	cps
Sulfur	34-1	255646	249851	251986	252494	1.16	cps
Terbium	159-1	2936988	2955777	2928150	2940305	0.48	cps
Terbium	159-2	1484666	1489651	1479534	1484617	0.34	cps
Thallium	203-1	100	125	208	144	39.27	cps
Thallium	205-1	333	467	383	394	17.08	cps
Thorium	232-1	122	94	106	107	13.02	cps
Tin	118-1	133	175	225	178	25.82	cps
Titanium	47-1	17	83	92	64	64.34	cps
Uranium	238-1	8	8	8	8	0.00	cps
Vanadium	51-2	0	10	0	3	173.21	cps
Yttrium	89-1	3024037	3042879	3052354	3039756	0.47	cps
Yttrium	89-2	444710	444187	442673	443856	0.24	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	PB121426BL	Instrumnet Name :	P7
Client Sample ID :	PB121426BL	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 15:13:51	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	27	83	80	63	50.20	cps
Zirconium	90-1	292	242	233	256	12.34	cps
Zirconium	91-1	42	58	42	47	20.38	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	PB121426BS	Instrumnet Name :	P7
Client Sample ID :	PB121426BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 15:17:27	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	513068	512518	516650	514079	0.44	cps
Antimony	121-1	1175586	1153379	1144682	1157882	1.38	cps
Arsenic	75-2	53929	53985	54379	54098	0.45	cps
Barium	135-1	1600442	1575993	1573478	1583304	0.94	cps
Barium	137-1	2730430	2709797	2673065	2704431	1.07	cps
Beryllium	9-1	715443	712254	704829	710842	0.77	cps
Bismuth	209-1	1450481	1449384	1436625	1445497	0.53	cps
Bismuth	209-2	916331	928127	942572	929010	1.41	cps
Boron	10-1	120983	120309	122199	121164	0.79	cps
Boron	11-1	535404	533893	547846	539048	1.42	cps
Cadmium	111-1	328744	322504	324617	325288	0.98	cps
Cadmium	106-1	39473	37977	38670	38707	1.93	cps
Cadmium	108-1	25899	26821	25557	26092	2.51	cps
Calcium	43-1	770089	767116	751465	762890	1.31	cps
Calcium	44-1	12148847	12004089	11811854	11988263	1.41	cps
Chromium	52-2	617453	619614	621247	619438	0.31	cps
Cobalt	59-2	812152	817433	824350	817978	0.75	cps
Copper	63-2	993114	992463	1004258	996612	0.67	cps
Dysprosium	156-1	42	17	17	25	57.73	cps
Dysprosium	156-2	23	33	40	32	26.04	cps
Erbium	164-1	17	0	0	6	173.21	cps
Erbium	164-2	3	10	10	8	49.52	cps
Gadolinium	160-1	33	42	0	25	88.19	cps
Gadolinium	160-2	73	43	40	52	35.15	cps
Holmium	165-1	2749679	2703713	2696193	2716528	1.07	cps
Holmium	165-2	1455338	1425468	1429432	1436746	1.13	cps
Indium	115-1	2024069	2009675	1979121	2004288	1.15	cps
Indium	115-2	435303	435374	443116	437931	1.03	cps
Iron	56-2	22119953	21910367	21957188	21995836	0.50	cps
Iron	57-2	573653	573639	579350	575547	0.57	cps
Krypton	83-1	100	110	117	109	7.71	cps
Lead	206-1	816510	814400	810023	813644	0.41	cps
Lead	207-1	734153	738572	737694	736806	0.32	cps
Lead	208-1	3289007	3316673	3289094	3298258	0.48	cps
Lithium	6-1	1680596	1668085	1645046	1664576	1.08	cps
Magnesium	24-2	6196963	6133836	6154727	6161842	0.52	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	PB121426BS	Instrumnet Name :	P7
Client Sample ID :	PB121426BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 15:17:27	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	700519	706780	711260	706186	0.76	cps
Molybdenum	94-1	3581460	3587758	3539348	3569522	0.74	cps
Molybdenum	95-1	4563076	4583217	4564153	4570149	0.25	cps
Molybdenum	96-1	5026188	4961774	4973737	4987233	0.69	cps
Molybdenum	97-1	2772032	2753271	2729393	2751565	0.78	cps
Molybdenum	98-1	7173095	7186265	7175857	7178405	0.10	cps
Neodymium	150-1	153	120	100	124	21.65	cps
Neodymium	150-2	10	13	23	16	44.60	cps
Nickel	60-2	204741	203907	205648	204765	0.43	cps
Phosphorus	31-2	29998	31476	30933	30802	2.43	cps
Potassium	39-2	2694440	2688037	2674707	2685728	0.37	cps
Rhodium	103-1	2050571	2064627	2037787	2050995	0.65	cps
Rhodium	103-2	1019121	1023514	1034114	1025583	0.75	cps
Scandium	45-1	2661641	2650774	2614089	2642168	0.94	cps
Scandium	45-2	122491	123368	123203	123021	0.38	cps
Selenium	77-2	1463	1677	1710	1617	8.28	cps
Selenium	78-2	5421	5381	5562	5455	1.75	cps
Selenium	82-1	33534	33309	33090	33311	0.67	cps
Silicon	28-1	2717581	2791101	2842642	2783775	2.26	cps
Silver	109-1	1422726	1426115	1401321	1416721	0.95	cps
Silver	107-1	775016	801529	773644	783396	2.01	cps
Sodium	23-2	12296644	12220142	12207868	12241551	0.39	cps
Strontium	86-1	513179	510514	507973	510555	0.51	cps
Strontium	88-1	4337565	4361499	4332086	4343717	0.36	cps
Sulfur	34-1	535034	530094	520120	528416	1.44	cps
Terbium	159-1	2968876	2970189	2927015	2955360	0.83	cps
Terbium	159-2	1460359	1452147	1470200	1460902	0.62	cps
Thallium	203-1	1003036	1017843	1010969	1010616	0.73	cps
Thallium	205-1	2383798	2401862	2397889	2394517	0.40	cps
Thorium	232-1	3899362	3883776	3885706	3889615	0.22	cps
Tin	118-1	991270	980187	970241	980566	1.07	cps
Titanium	47-1	1905908	1899967	1869876	1891917	1.02	cps
Uranium	238-1	3796715	3769027	3814191	3793311	0.60	cps
Vanadium	51-2	534542	532027	539054	535207	0.67	cps
Yttrium	89-1	3032887	3014267	3014310	3020488	0.36	cps
Yttrium	89-2	441870	439639	445863	442457	0.71	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	PB121426BS	Instrumnet Name :	P7
Client Sample ID :	PB121426BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 15:17:27	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	153639	154178	154144	153987	0.20	cps
Zirconium	90-1	2767808	2757343	2782095	2769082	0.45	cps
Zirconium	91-1	611567	601757	601798	605041	0.93	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3782-01 Instrumnet Name : P7
 Client Sample ID : KY030OF001-SW-19071 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 15:21:03 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1283	1533	1250	1356	11.42	cps
Antimony	121-1	3709	3175	3226	3370	8.74	cps
Arsenic	75-2	613	617	644	625	2.75	cps
Barium	135-1	111118	114124	114084	113109	1.52	cps
Barium	137-1	193883	197227	194442	195184	0.92	cps
Beryllium	9-1	233	157	150	180	25.73	cps
Bismuth	209-1	1429761	1180845	1281461	1297356	9.65	cps
Bismuth	209-2	877774	895658	889337	887590	1.02	cps
Boron	10-1	76804	82526	83021	80784	4.28	cps
Boron	11-1	362266	377351	383685	374434	2.94	cps
Cadmium	111-1	928	887	624	813	20.29	cps
Cadmium	106-1	1000	933	708	881	17.36	cps
Cadmium	108-1	8	42	38	29	62.28	cps
Calcium	43-1	1164536	1197284	1186235	1182685	1.41	cps
Calcium	44-1	18475384	19011830	19034582	18840599	1.68	cps
Chromium	52-2	3621	3697	3540	3619	2.17	cps
Cobalt	59-2	260	367	340	322	17.23	cps
Copper	63-2	4084	4361	4494	4313	4.85	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	0	17	17	99.99	cps
Erbium	164-2	10	7	0	6	91.64	cps
Gadolinium	160-1	17	8	50	25	88.19	cps
Gadolinium	160-2	47	23	40	37	32.79	cps
Holmium	165-1	2659071	2169960	2374185	2401072	10.23	cps
Holmium	165-2	1415605	1460425	1452542	1442857	1.66	cps
Indium	115-1	2069900	1690662	1832307	1864290	10.28	cps
Indium	115-2	423107	433455	431335	429299	1.27	cps
Iron	56-2	10076	10081	10037	10065	0.24	cps
Iron	57-2	8442	8392	8631	8488	1.49	cps
Krypton	83-1	120	180	153	151	19.89	cps
Lead	206-1	2478	2289	2006	2258	10.53	cps
Lead	207-1	1995	2006	1689	1896	9.48	cps
Lead	208-1	9424	9218	7512	8718	12.04	cps
Lithium	6-1	2057457	1786279	1947899	1930545	7.07	cps
Magnesium	24-2	1673661	1710954	1687065	1690560	1.12	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3782-01 Instrumnet Name : P7
 Client Sample ID : KY030OF001-SW-19071 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 15:21:03 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2990	3007	3294	3097	5.51	cps
Molybdenum	94-1	2784	2175	2267	2409	13.62	cps
Molybdenum	95-1	3951	3909	3484	3781	6.83	cps
Molybdenum	96-1	4267	3959	3676	3967	7.46	cps
Molybdenum	97-1	2509	2500	2275	2428	5.45	cps
Molybdenum	98-1	6435	5826	5284	5849	9.84	cps
Neodymium	150-1	0	20	13	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	687	800	757	748	7.65	cps
Phosphorus	31-2	142	83	142	122	27.55	cps
Potassium	39-2	355347	364071	357519	358979	1.27	cps
Rhodium	103-1	2087058	1700417	1859558	1882344	10.32	cps
Rhodium	103-2	1002655	1042921	1036170	1027249	2.10	cps
Scandium	45-1	2754625	2231776	2363340	2449914	11.10	cps
Scandium	45-2	126121	128807	126615	127181	1.12	cps
Selenium	77-2	13	7	10	10	33.30	cps
Selenium	78-2	48	22	31	34	38.70	cps
Selenium	82-1	137	47	91	92	48.88	cps
Silicon	28-1	35051305	36473378	36162053	35895579	2.08	cps
Silver	109-1	3301	3317	2517	3045	15.02	cps
Silver	107-1	1717	1684	1375	1592	11.84	cps
Sodium	23-2	12984747	13127637	12855166	12989184	1.05	cps
Strontium	86-1	472707	485885	482038	480210	1.41	cps
Strontium	88-1	4056316	4222115	4157071	4145168	2.02	cps
Sulfur	34-1	556819	566131	564548	562499	0.89	cps
Terbium	159-1	2886256	2383988	2614899	2628381	9.57	cps
Terbium	159-2	1456082	1487720	1484648	1476150	1.18	cps
Thallium	203-1	1392	692	625	903	47.05	cps
Thallium	205-1	3142	2375	1709	2409	29.78	cps
Thorium	232-1	2256	1939	2495	2230	12.50	cps
Tin	118-1	5343	5485	5476	5435	1.46	cps
Titanium	47-1	1267	1133	1067	1156	8.81	cps
Uranium	238-1	5376	5218	4726	5107	6.64	cps
Vanadium	51-2	1100	1143	1183	1142	3.65	cps
Yttrium	89-1	3035569	2505316	2703156	2748014	9.75	cps
Yttrium	89-2	430307	438910	435152	434790	0.99	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3782-01	Instrumnet Name :	P7
Client Sample ID :	KY030OF001-SW-19071	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 15:21:03	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1140	1210	1187	1179	3.02	cps
Zirconium	90-1	1333	1083	917	1111	18.87	cps
Zirconium	91-1	242	317	175	244	28.99	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3782-01DUP Instrumnet Name : P7
 Client Sample ID : KY030OF001-SW-19071 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 15:24:39 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1458	1400	1400	1420	2.37	cps
Antimony	121-1	2075	1825	2192	2031	9.23	cps
Arsenic	75-2	572	619	587	593	3.99	cps
Barium	135-1	115368	112755	113436	113853	1.19	cps
Barium	137-1	198665	198824	195334	197608	1.00	cps
Beryllium	9-1	87	60	73	73	18.18	cps
Bismuth	209-1	1408934	1423765	1427681	1420127	0.70	cps
Bismuth	209-2	869432	878842	885332	877869	0.91	cps
Boron	10-1	78563	78412	77951	78309	0.41	cps
Boron	11-1	365017	365196	366194	365469	0.17	cps
Cadmium	111-1	581	801	728	703	15.92	cps
Cadmium	106-1	733	1058	967	920	18.23	cps
Cadmium	108-1	4	21	17	14	62.43	cps
Calcium	43-1	1185809	1185334	1174519	1181887	0.54	cps
Calcium	44-1	18845721	18676300	18691010	18737677	0.50	cps
Chromium	52-2	2980	2964	3234	3059	4.95	cps
Cobalt	59-2	210	233	217	220	5.46	cps
Copper	63-2	4274	4107	4027	4136	3.04	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	8	17	17	14	34.67	cps
Erbium	164-2	0	3	7	3	100.05	cps
Gadolinium	160-1	8	25	8	14	69.31	cps
Gadolinium	160-2	33	43	30	36	19.51	cps
Holmium	165-1	2621002	2683068	2657543	2653871	1.18	cps
Holmium	165-2	1423658	1435900	1438243	1432601	0.55	cps
Indium	115-1	1999199	2054061	2028845	2027368	1.35	cps
Indium	115-2	415253	419132	422266	418884	0.84	cps
Iron	56-2	7352	6874	7174	7133	3.39	cps
Iron	57-2	7647	7902	7758	7769	1.65	cps
Krypton	83-1	143	167	153	154	7.58	cps
Lead	206-1	1100	995	1000	1032	5.76	cps
Lead	207-1	889	806	856	850	4.94	cps
Lead	208-1	4039	3917	3839	3932	2.56	cps
Lithium	6-1	1927656	1928127	1922283	1926022	0.17	cps
Magnesium	24-2	1617433	1610436	1624775	1617548	0.44	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3782-01DUP Instrumnet Name : P7
 Client Sample ID : KY0300F001-SW-19071 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 15:24:39 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3027	3264	3054	3115	4.16	cps
Molybdenum	94-1	1750	1533	1650	1645	6.59	cps
Molybdenum	95-1	2492	2817	2509	2606	7.02	cps
Molybdenum	96-1	3034	2867	2367	2756	12.59	cps
Molybdenum	97-1	1525	1500	1667	1564	5.75	cps
Molybdenum	98-1	3809	3784	4184	3926	5.71	cps
Neodymium	150-1	0	20	13	11	91.66	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	787	787	783	786	0.24	cps
Phosphorus	31-2	75	42	100	72	40.52	cps
Potassium	39-2	328497	331814	331378	330563	0.55	cps
Rhodium	103-1	2027906	2052734	2062833	2047824	0.88	cps
Rhodium	103-2	1013958	1014359	1025989	1018102	0.67	cps
Scandium	45-1	2614454	2646383	2638451	2633096	0.63	cps
Scandium	45-2	123261	121238	123859	122786	1.12	cps
Selenium	77-2	13	7	7	9	43.25	cps
Selenium	78-2	33	26	35	31	15.56	cps
Selenium	82-1	80	52	99	77	30.60	cps
Silicon	28-1	34702625	35107405	35204610	35004880	0.76	cps
Silver	109-1	1608	1458	1608	1558	5.56	cps
Silver	107-1	746	654	863	754	13.85	cps
Sodium	23-2	12581322	12437172	12476981	12498492	0.60	cps
Strontium	86-1	491826	491556	488602	490661	0.36	cps
Strontium	88-1	4142545	4211424	4178550	4177506	0.82	cps
Sulfur	34-1	572294	565315	560582	566064	1.04	cps
Terbium	159-1	2851572	2913224	2912791	2892529	1.23	cps
Terbium	159-2	1441611	1452855	1460564	1451677	0.66	cps
Thallium	203-1	208	108	167	161	31.18	cps
Thallium	205-1	467	350	317	378	20.85	cps
Thorium	232-1	739	833	711	761	8.42	cps
Tin	118-1	3326	3717	3942	3662	8.52	cps
Titanium	47-1	708	858	867	811	10.99	cps
Uranium	238-1	4409	4584	4818	4604	4.45	cps
Vanadium	51-2	1243	1413	1437	1365	7.73	cps
Yttrium	89-1	2990002	3031061	3027675	3016246	0.76	cps
Yttrium	89-2	421030	421345	428753	423710	1.03	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3782-01DUP	Instrumnet Name :	P7
Client Sample ID :	KY030OF001-SW-19071	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 15:24:39	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1077	1097	1093	1089	0.98	cps
Zirconium	90-1	625	575	625	608	4.75	cps
Zirconium	91-1	158	133	117	136	15.41	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3782-01LX5 Instrumnet Name : P7
 Client Sample ID : KY0300F001-SW-19071 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-17 15:28:16 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	208	242	203	20.69	cps
Antimony	121-1	617	525	450	531	15.73	cps
Arsenic	75-2	109	143	124	125	13.33	cps
Barium	135-1	23187	23654	22844	23228	1.75	cps
Barium	137-1	40502	41455	40218	40725	1.59	cps
Beryllium	9-1	57	70	80	69	16.99	cps
Bismuth	209-1	1571644	1550057	1550402	1557368	0.79	cps
Bismuth	209-2	939596	956800	952609	949668	0.94	cps
Boron	10-1	19689	20005	19713	19802	0.89	cps
Boron	11-1	93111	90001	89448	90854	2.17	cps
Cadmium	111-1	845	655	765	755	12.61	cps
Cadmium	106-1	1175	908	1083	1056	12.84	cps
Cadmium	108-1	4	8	8	7	34.59	cps
Calcium	43-1	240450	236024	231484	235986	1.90	cps
Calcium	44-1	3708515	3714141	3719054	3713903	0.14	cps
Chromium	52-2	873	863	840	859	1.99	cps
Cobalt	59-2	67	37	60	54	28.93	cps
Copper	63-2	1317	1220	1297	1278	3.99	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	0	17	0	6	173.21	cps
Erbium	164-2	3	10	13	9	57.30	cps
Gadolinium	160-1	33	8	0	14	124.91	cps
Gadolinium	160-2	27	27	37	30	19.24	cps
Holmium	165-1	2805739	2802015	2814100	2807285	0.22	cps
Holmium	165-2	1448867	1434747	1435746	1439786	0.55	cps
Indium	115-1	2134499	2150239	2123134	2135957	0.64	cps
Indium	115-2	435782	432210	441913	436635	1.12	cps
Iron	56-2	3017	2600	2889	2836	7.53	cps
Iron	57-2	1717	1433	1583	1578	8.98	cps
Krypton	83-1	103	123	97	108	12.88	cps
Lead	206-1	472	383	350	402	15.72	cps
Lead	207-1	372	356	317	348	8.19	cps
Lead	208-1	1772	1567	1506	1615	8.65	cps
Lithium	6-1	1735242	1734246	1725077	1731522	0.32	cps
Magnesium	24-2	321922	312415	315702	316679	1.52	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3782-01LX5	Instrumnet Name :	P7
Client Sample ID :	KY0300F001-SW-19071	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 15:28:16	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	633	600	663	632	5.01	cps
Molybdenum	94-1	358	358	417	378	8.92	cps
Molybdenum	95-1	592	583	450	542	14.68	cps
Molybdenum	96-1	667	533	617	606	11.12	cps
Molybdenum	97-1	358	467	350	392	16.62	cps
Molybdenum	98-1	842	817	867	842	2.97	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	147	133	183	154	16.76	cps
Phosphorus	31-2	75	67	50	64	19.92	cps
Potassium	39-2	75141	74772	75409	75107	0.43	cps
Rhodium	103-1	2182916	2156912	2171391	2170406	0.60	cps
Rhodium	103-2	1051377	1043988	1075031	1056799	1.53	cps
Scandium	45-1	2657570	2633843	2675796	2655736	0.79	cps
Scandium	45-2	119954	121077	122563	121198	1.08	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	24	26	35	28	20.98	cps
Selenium	82-1	58	32	45	45	28.88	cps
Silicon	28-1	7028027	6999874	6977658	7001853	0.36	cps
Silver	109-1	417	550	450	472	14.69	cps
Silver	107-1	250	83	225	186	48.29	cps
Sodium	23-2	2412831	2400870	2378524	2397408	0.73	cps
Strontium	86-1	98571	100013	96491	98358	1.80	cps
Strontium	88-1	838089	825418	810950	824819	1.65	cps
Sulfur	34-1	309803	299640	302698	304047	1.71	cps
Terbium	159-1	3069095	3055312	3046777	3057061	0.37	cps
Terbium	159-2	1473270	1440975	1473251	1462499	1.27	cps
Thallium	203-1	50	67	42	53	24.12	cps
Thallium	205-1	158	183	183	175	8.25	cps
Thorium	232-1	250	250	256	252	1.27	cps
Tin	118-1	625	608	625	619	1.55	cps
Titanium	47-1	175	183	125	161	19.58	cps
Uranium	238-1	1000	967	858	942	7.87	cps
Vanadium	51-2	503	507	537	516	3.56	cps
Yttrium	89-1	3121773	3077855	3083351	3094326	0.77	cps
Yttrium	89-2	429106	424198	433288	428864	1.06	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3782-01LX5	Instrumnet Name :	P7
Client Sample ID :	KY0300F001-SW-19071	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 15:28:16	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	300	253	250	268	10.44	cps
Zirconium	90-1	333	375	308	339	9.94	cps
Zirconium	91-1	67	67	58	64	7.53	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3782-01MS Instrumnet Name : P7
 Client Sample ID : KY0300F001-SW-19071 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 15:31:53 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	511752	520902	522855	518503	1.14	cps
Antimony	121-1	1203154	1186127	1197477	1195586	0.73	cps
Arsenic	75-2	54792	56139	56466	55799	1.59	cps
Barium	135-1	1745942	1726357	1721571	1731290	0.75	cps
Barium	137-1	2979833	2997454	3001126	2992804	0.38	cps
Beryllium	9-1	692616	677116	680605	683446	1.19	cps
Bismuth	209-1	1377417	1380818	1389873	1382703	0.47	cps
Bismuth	209-2	836091	852842	871547	853493	2.08	cps
Boron	10-1	195869	199004	200116	198330	1.11	cps
Boron	11-1	876729	890974	918608	895437	2.38	cps
Cadmium	111-1	328142	324811	326582	326511	0.51	cps
Cadmium	106-1	37918	38203	38779	38300	1.14	cps
Cadmium	108-1	25878	26183	26755	26272	1.69	cps
Calcium	43-1	1883451	1858551	1885528	1875843	0.80	cps
Calcium	44-1	30341841	29846959	30321905	30170235	0.93	cps
Chromium	52-2	622846	638350	642996	634731	1.66	cps
Cobalt	59-2	825283	841770	851158	839403	1.56	cps
Copper	63-2	1020422	1051699	1061847	1044656	2.07	cps
Dysprosium	156-1	25	25	33	28	17.31	cps
Dysprosium	156-2	40	33	23	32	26.04	cps
Erbium	164-1	8	25	8	14	69.31	cps
Erbium	164-2	10	3	7	7	50.03	cps
Gadolinium	160-1	17	8	42	22	78.07	cps
Gadolinium	160-2	43	43	40	42	4.55	cps
Holmium	165-1	2627063	2633850	2685837	2648917	1.21	cps
Holmium	165-2	1405576	1433321	1450378	1429758	1.58	cps
Indium	115-1	1883989	1902595	1945055	1910547	1.64	cps
Indium	115-2	391530	398032	407249	398937	1.98	cps
Iron	56-2	21902862	22308512	22325666	22179013	1.08	cps
Iron	57-2	582135	588740	595759	588878	1.16	cps
Krypton	83-1	207	213	200	207	3.22	cps
Lead	206-1	852014	867848	869867	863243	1.13	cps
Lead	207-1	773949	775402	786379	778577	0.87	cps
Lead	208-1	3463408	3470593	3513280	3482427	0.77	cps
Lithium	6-1	1746619	1740646	1739070	1742112	0.23	cps
Magnesium	24-2	8070688	8123768	8170020	8121492	0.61	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3782-01MS Instrumnet Name : P7
 Client Sample ID : KY030OF001-SW-19071 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 15:31:53 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	723436	737192	738239	732956	1.13	cps
Molybdenum	94-1	3198657	3185586	3197933	3194059	0.23	cps
Molybdenum	95-1	4013207	3984457	4007409	4001691	0.38	cps
Molybdenum	96-1	4384128	4358991	4438120	4393746	0.92	cps
Molybdenum	97-1	2415519	2412551	2433258	2420442	0.46	cps
Molybdenum	98-1	6287584	6382014	6338306	6335968	0.75	cps
Neodymium	150-1	113	133	80	109	24.75	cps
Neodymium	150-2	10	7	3	7	50.03	cps
Nickel	60-2	210478	212113	215246	212613	1.14	cps
Phosphorus	31-2	92	108	142	114	22.36	cps
Potassium	39-2	3013882	3007491	3029327	3016900	0.37	cps
Rhodium	103-1	1934805	1924362	1936742	1931970	0.34	cps
Rhodium	103-2	961208	974775	999503	978495	1.98	cps
Scandium	45-1	2493843	2499077	2520331	2504417	0.56	cps
Scandium	45-2	115926	119037	120048	118337	1.82	cps
Selenium	77-2	1457	1390	1527	1458	4.69	cps
Selenium	78-2	5103	5166	5092	5120	0.78	cps
Selenium	82-1	33378	33074	33340	33264	0.50	cps
Silicon	28-1	34314928	34518870	34965317	34599705	0.96	cps
Silver	109-1	1378169	1371553	1368138	1372620	0.37	cps
Silver	107-1	733716	725015	753335	737356	1.97	cps
Sodium	23-2	24403447	24538053	24640579	24527360	0.48	cps
Strontium	86-1	957818	951721	954716	954751	0.32	cps
Strontium	88-1	8174555	8109195	8124022	8135924	0.42	cps
Sulfur	34-1	550532	544893	550467	548631	0.59	cps
Terbium	159-1	2824889	2873697	2888446	2862344	1.16	cps
Terbium	159-2	1424037	1460950	1472026	1452338	1.73	cps
Thallium	203-1	1008709	1014203	1019615	1014176	0.54	cps
Thallium	205-1	2430709	2431273	2459790	2440591	0.68	cps
Thorium	232-1	1000	1022	989	1004	1.69	cps
Tin	118-1	1022354	1003500	1010773	1012209	0.94	cps
Titanium	47-1	1662129	1617330	1643659	1641039	1.37	cps
Uranium	238-1	3925254	3959268	4015417	3966646	1.15	cps
Vanadium	51-2	535026	546941	549639	543869	1.43	cps
Yttrium	89-1	2864333	2900522	2931716	2898857	1.16	cps
Yttrium	89-2	405543	411322	415645	410837	1.23	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3782-01MS	Instrumnet Name :	P7
Client Sample ID :	KY030OF001-SW-19071	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 15:31:53	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	146116	149661	150105	148628	1.47	cps
Zirconium	90-1	2656811	2680758	2719602	2685724	1.18	cps
Zirconium	91-1	588607	584474	592516	588532	0.68	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3782-01MSD Instrumnet Name : P7
 Client Sample ID : KY030OF001-SW-19071 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 15:35:30 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	519117	522677	525355	522383	0.60	cps
Antimony	121-1	1211588	1211036	1197423	1206682	0.66	cps
Arsenic	75-2	56154	56855	55801	56270	0.95	cps
Barium	135-1	1743068	1764221	1751506	1752932	0.61	cps
Barium	137-1	3014006	2999952	3013810	3009256	0.27	cps
Beryllium	9-1	688765	682289	678577	683210	0.75	cps
Bismuth	209-1	1365535	1395896	1382769	1381400	1.10	cps
Bismuth	209-2	841193	851815	841801	844936	0.71	cps
Boron	10-1	203462	203984	205321	204256	0.47	cps
Boron	11-1	917975	919299	921074	919449	0.17	cps
Cadmium	111-1	328068	329110	325518	327565	0.56	cps
Cadmium	106-1	38846	38704	38429	38659	0.55	cps
Cadmium	108-1	26212	26300	26129	26213	0.33	cps
Calcium	43-1	1899345	1921394	1871205	1897315	1.33	cps
Calcium	44-1	30470864	30569819	29940723	30327135	1.12	cps
Chromium	52-2	638729	646471	641440	642213	0.61	cps
Cobalt	59-2	846015	854762	845012	848596	0.63	cps
Copper	63-2	1056252	1067467	1051662	1058461	0.77	cps
Dysprosium	156-1	58	33	50	47	26.97	cps
Dysprosium	156-2	30	10	50	30	66.67	cps
Erbium	164-1	8	17	8	11	43.34	cps
Erbium	164-2	7	0	7	4	86.60	cps
Gadolinium	160-1	33	17	17	22	43.28	cps
Gadolinium	160-2	27	37	53	39	34.63	cps
Holmium	165-1	2640928	2678338	2680757	2666674	0.84	cps
Holmium	165-2	1431518	1437099	1430440	1433019	0.25	cps
Indium	115-1	1926056	1935390	1932552	1931333	0.25	cps
Indium	115-2	397406	400565	396632	398201	0.52	cps
Iron	56-2	22613690	22487614	22232244	22444516	0.87	cps
Iron	57-2	595269	602726	593558	597184	0.82	cps
Krypton	83-1	167	170	163	167	2.00	cps
Lead	206-1	876306	877939	874670	876305	0.19	cps
Lead	207-1	790014	784511	792853	789126	0.54	cps
Lead	208-1	3504922	3528238	3540742	3524634	0.52	cps
Lithium	6-1	1661905	1662388	1657954	1660749	0.15	cps
Magnesium	24-2	8219799	8139581	8064916	8141432	0.95	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3782-01MSD Instrumnet Name : P7
 Client Sample ID : KY030OF001-SW-19071 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 15:35:30 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	737086	744515	735266	738956	0.66	cps
Molybdenum	94-1	3258914	3258580	3241014	3252836	0.31	cps
Molybdenum	95-1	4071962	4072011	4015111	4053028	0.81	cps
Molybdenum	96-1	4445043	4479508	4444772	4456441	0.45	cps
Molybdenum	97-1	2452668	2459976	2443984	2452209	0.33	cps
Molybdenum	98-1	6369988	6397287	6341241	6369505	0.44	cps
Neodymium	150-1	147	147	93	129	23.89	cps
Neodymium	150-2	3	17	17	12	63.01	cps
Nickel	60-2	215041	215039	214542	214874	0.13	cps
Phosphorus	31-2	117	67	67	83	34.64	cps
Potassium	39-2	3045139	3042097	3030856	3039364	0.25	cps
Rhodium	103-1	1929098	1943049	1937781	1936643	0.36	cps
Rhodium	103-2	976924	994090	972495	981170	1.16	cps
Scandium	45-1	2480249	2525621	2475760	2493877	1.11	cps
Scandium	45-2	119194	118990	116839	118341	1.10	cps
Selenium	77-2	1600	1510	1513	1541	3.31	cps
Selenium	78-2	5195	5138	5284	5206	1.42	cps
Selenium	82-1	34134	33434	33792	33787	1.04	cps
Silicon	28-1	34543568	34500887	34622136	34555531	0.18	cps
Silver	109-1	1397738	1388289	1400518	1395515	0.46	cps
Silver	107-1	744976	762345	726867	744729	2.38	cps
Sodium	23-2	24802668	24609667	24323596	24578644	0.98	cps
Strontium	86-1	963914	968640	949525	960693	1.04	cps
Strontium	88-1	8197778	8256756	8142404	8198979	0.70	cps
Sulfur	34-1	545777	538384	530490	538217	1.42	cps
Terbium	159-1	2848273	2908458	2910409	2889047	1.22	cps
Terbium	159-2	1458031	1465343	1459500	1460958	0.26	cps
Thallium	203-1	1027247	1029270	1032665	1029727	0.27	cps
Thallium	205-1	2444317	2467306	2455388	2455670	0.47	cps
Thorium	232-1	561	494	433	496	12.88	cps
Tin	118-1	1037651	1024153	1022664	1028156	0.80	cps
Titanium	47-1	1645211	1659518	1632602	1645777	0.82	cps
Uranium	238-1	3993254	4016575	4008471	4006100	0.30	cps
Vanadium	51-2	552129	552007	546187	550108	0.62	cps
Yttrium	89-1	2877647	2898221	2920946	2898938	0.75	cps
Yttrium	89-2	410208	414761	411449	412139	0.57	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3782-01MSD	Instrumnet Name :	P7
Client Sample ID :	KY030OF001-SW-19071	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 15:35:30	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	149773	150031	148985	149597	0.36	cps
Zirconium	90-1	2718391	2716055	2695077	2709841	0.47	cps
Zirconium	91-1	607726	592809	585115	595217	1.93	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3782-01A Instrumnet Name : P7
 Client Sample ID : KY0300F001-SW-19071 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 15:39:07 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	505576	511806	509874	509086	0.63	cps
Antimony	121-1	1190759	1200108	1199738	1196868	0.44	cps
Arsenic	75-2	55485	56054	55725	55754	0.51	cps
Barium	135-1	1732579	1752180	1758838	1747865	0.78	cps
Barium	137-1	2984512	3001247	3043117	3009625	1.00	cps
Beryllium	9-1	672225	673928	676256	674136	0.30	cps
Bismuth	209-1	1371374	1394638	1404296	1390102	1.22	cps
Bismuth	209-2	836242	854686	836593	842507	1.25	cps
Boron	10-1	198177	204603	211217	204666	3.19	cps
Boron	11-1	898691	916115	943026	919277	2.43	cps
Cadmium	111-1	324935	327084	330008	327343	0.78	cps
Cadmium	106-1	36757	38512	38336	37868	2.55	cps
Cadmium	108-1	25386	25444	26079	25636	1.50	cps
Calcium	43-1	1857513	1874939	1885689	1872714	0.76	cps
Calcium	44-1	29625513	29837745	30137773	29867010	0.86	cps
Chromium	52-2	622828	640792	635222	632947	1.45	cps
Cobalt	59-2	827176	842760	841071	837002	1.02	cps
Copper	63-2	1035391	1052025	1043582	1043666	0.80	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	23	43	30	32	31.61	cps
Erbium	164-1	8	33	8	17	86.62	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	17	17	25	19	24.73	cps
Gadolinium	160-2	53	27	43	41	32.76	cps
Holmium	165-1	2654341	2733788	2730315	2706148	1.66	cps
Holmium	165-2	1412873	1432466	1415364	1420234	0.75	cps
Indium	115-1	1900135	1942685	1938016	1926945	1.21	cps
Indium	115-2	389081	398121	388983	392062	1.34	cps
Iron	56-2	21989108	22065020	21925557	21993228	0.32	cps
Iron	57-2	581659	586231	589064	585651	0.64	cps
Krypton	83-1	183	187	167	179	5.99	cps
Lead	206-1	879375	866601	883489	876488	1.00	cps
Lead	207-1	775842	784542	798153	786179	1.43	cps
Lead	208-1	3509505	3523427	3553163	3528698	0.63	cps
Lithium	6-1	1606926	1615202	1626879	1616336	0.62	cps
Magnesium	24-2	8020690	8020238	7973480	8004803	0.34	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3782-01A Instrumnet Name : P7
 Client Sample ID : KY030OF001-SW-19071 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 15:39:07 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	720593	730914	728119	726542	0.73	cps
Molybdenum	94-1	3172862	3214072	3244004	3210313	1.11	cps
Molybdenum	95-1	3971014	3968677	4063053	4000915	1.35	cps
Molybdenum	96-1	4410863	4357901	4488461	4419075	1.49	cps
Molybdenum	97-1	2423364	2404665	2472365	2433465	1.44	cps
Molybdenum	98-1	6289674	6323999	6500115	6371263	1.77	cps
Neodymium	150-1	133	113	140	129	10.77	cps
Neodymium	150-2	13	10	13	12	15.73	cps
Nickel	60-2	209288	212027	211979	211098	0.74	cps
Phosphorus	31-2	125	92	42	86	48.71	cps
Potassium	39-2	2953435	3007957	2964950	2975447	0.97	cps
Rhodium	103-1	1919589	1942910	1967389	1943296	1.23	cps
Rhodium	103-2	968077	980830	963990	970966	0.90	cps
Scandium	45-1	2457307	2490273	2500876	2482819	0.92	cps
Scandium	45-2	116195	118073	115849	116706	1.03	cps
Selenium	77-2	1577	1417	1357	1450	7.84	cps
Selenium	78-2	4982	5051	5119	5051	1.36	cps
Selenium	82-1	33149	33588	33939	33559	1.18	cps
Silicon	28-1	33622035	34090657	34188056	33966916	0.89	cps
Silver	109-1	1366615	1368531	1400304	1378483	1.37	cps
Silver	107-1	748036	745709	758882	750876	0.94	cps
Sodium	23-2	24164563	24400387	23968122	24177690	0.90	cps
Strontium	86-1	951314	949705	970566	957195	1.21	cps
Strontium	88-1	8056167	8092488	8294209	8147621	1.57	cps
Sulfur	34-1	524239	526787	527403	526143	0.32	cps
Terbium	159-1	2860217	2896942	2922631	2893263	1.08	cps
Terbium	159-2	1443524	1453322	1422986	1439944	1.08	cps
Thallium	203-1	1023369	1023890	1020941	1022733	0.15	cps
Thallium	205-1	2422855	2465089	2477933	2455293	1.17	cps
Thorium	232-1	383	311	400	365	12.95	cps
Tin	118-1	1023395	1017913	1015304	1018871	0.41	cps
Titanium	47-1	1619919	1625715	1636191	1627275	0.51	cps
Uranium	238-1	3996849	4032355	4119475	4049559	1.56	cps
Vanadium	51-2	537160	546343	544170	542558	0.88	cps
Yttrium	89-1	2852237	2912513	2940324	2901692	1.55	cps
Yttrium	89-2	404703	411271	405536	407170	0.88	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3782-01A	Instrumnet Name :	P7
Client Sample ID :	KY030OF001-SW-19071	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 15:39:07	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	146533	150284	148917	148578	1.28	cps
Zirconium	90-1	2669801	2712572	2712140	2698171	0.91	cps
Zirconium	91-1	587522	589350	594062	590312	0.57	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3782-02 Instrumnet Name : P7
 Client Sample ID : KY030LC011-SW-190711 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 15:42:42 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	142	108	119	16.11	cps
Antimony	121-1	2450	2367	2275	2364	3.70	cps
Arsenic	75-2	246	252	254	251	1.54	cps
Barium	135-1	45451	46178	43695	45108	2.83	cps
Barium	137-1	79344	80535	76184	78688	2.86	cps
Beryllium	9-1	210	203	153	189	16.40	cps
Bismuth	209-1	1464734	1462469	1462390	1463197	0.09	cps
Bismuth	209-2	847472	865697	867403	860191	1.28	cps
Boron	10-1	51380	51622	51079	51360	0.53	cps
Boron	11-1	243942	243148	237511	241534	1.45	cps
Cadmium	111-1	693	789	813	765	8.34	cps
Cadmium	106-1	842	1017	1025	961	10.77	cps
Cadmium	108-1	25	8	13	15	56.79	cps
Calcium	43-1	1325973	1302857	1306553	1311794	0.95	cps
Calcium	44-1	20977562	21098636	21198459	21091553	0.52	cps
Chromium	52-2	1987	1980	1867	1945	3.47	cps
Cobalt	59-2	363	470	387	407	13.79	cps
Copper	63-2	3614	3854	3477	3648	5.23	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	17	25	0	14	91.65	cps
Erbium	164-2	0	10	7	6	91.64	cps
Gadolinium	160-1	25	25	0	17	86.60	cps
Gadolinium	160-2	57	30	27	38	43.52	cps
Holmium	165-1	2704900	2715459	2725992	2715450	0.39	cps
Holmium	165-2	1376917	1399608	1405753	1394093	1.09	cps
Indium	115-1	1991107	2014299	2016500	2007302	0.70	cps
Indium	115-2	389484	400723	403525	397911	1.87	cps
Iron	56-2	17255	17605	16927	17262	1.97	cps
Iron	57-2	8719	8386	8658	8588	2.07	cps
Krypton	83-1	160	173	143	159	9.46	cps
Lead	206-1	556	567	761	628	18.41	cps
Lead	207-1	622	700	483	602	18.24	cps
Lead	208-1	2661	2906	2600	2722	5.94	cps
Lithium	6-1	1603995	1583401	1564259	1583885	1.25	cps
Magnesium	24-2	946713	958099	965332	956715	0.98	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3782-02 Instrumnet Name : P7
 Client Sample ID : KY030LC011-SW-190711 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 15:42:42 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	13610	14077	13630	13772	1.92	cps
Molybdenum	94-1	1684	1750	1558	1664	5.85	cps
Molybdenum	95-1	2084	2300	2434	2273	7.77	cps
Molybdenum	96-1	2534	2467	2650	2550	3.64	cps
Molybdenum	97-1	1609	1475	1333	1472	9.34	cps
Molybdenum	98-1	4117	3417	3542	3692	10.11	cps
Neodymium	150-1	13	20	13	16	24.76	cps
Neodymium	150-2	0	13	3	6	124.93	cps
Nickel	60-2	630	583	693	636	8.69	cps
Phosphorus	31-2	475	325	417	406	18.64	cps
Potassium	39-2	422764	435081	431984	429943	1.49	cps
Rhodium	103-1	2017163	2023857	2006222	2015747	0.44	cps
Rhodium	103-2	959615	979192	989015	975940	1.53	cps
Scandium	45-1	2471334	2487045	2494699	2484359	0.48	cps
Scandium	45-2	111536	114421	113399	113119	1.29	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	33	20	33	29	25.79	cps
Selenium	82-1	42	22	60	42	46.59	cps
Silicon	28-1	27213797	27218113	27249017	27226976	0.07	cps
Silver	109-1	633	725	658	672	7.05	cps
Silver	107-1	450	588	404	481	19.85	cps
Sodium	23-2	6436878	6503058	6563791	6501242	0.98	cps
Strontium	86-1	379944	384651	379955	381517	0.71	cps
Strontium	88-1	3320183	3344562	3340809	3335185	0.39	cps
Sulfur	34-1	485272	475707	473011	477996	1.35	cps
Terbium	159-1	2911238	2902682	2949168	2921029	0.85	cps
Terbium	159-2	1393968	1439440	1427723	1420377	1.66	cps
Thallium	203-1	350	358	325	344	5.04	cps
Thallium	205-1	933	733	842	836	11.97	cps
Thorium	232-1	78	144	144	122	31.49	cps
Tin	118-1	5468	5343	5251	5354	2.03	cps
Titanium	47-1	833	983	908	908	8.26	cps
Uranium	238-1	7161	7002	6469	6877	5.27	cps
Vanadium	51-2	2867	2777	2730	2791	2.49	cps
Yttrium	89-1	2880466	2902781	2934322	2905856	0.93	cps
Yttrium	89-2	391096	398101	402949	397382	1.50	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3782-02	Instrumnet Name :	P7
Client Sample ID :	KY030LC011-SW-190711	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 15:42:42	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1007	1160	1257	1141	11.05	cps
Zirconium	90-1	917	800	875	864	6.84	cps
Zirconium	91-1	275	208	167	217	25.22	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 15:48:11	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2365890	2362148	2348563	2358867	0.39	cps
Antimony	121-1	1083538	1085857	1078894	1082763	0.33	cps
Arsenic	75-2	50664	51714	51217	51198	1.03	cps
Barium	135-1	1480462	1464504	1479769	1474912	0.61	cps
Barium	137-1	2563619	2587021	2578932	2576524	0.46	cps
Beryllium	9-1	614587	606969	606127	609227	0.76	cps
Bismuth	209-1	1344320	1353480	1357211	1351670	0.49	cps
Bismuth	209-2	828692	837940	842430	836354	0.84	cps
Boron	10-1	113187	112919	114062	113389	0.53	cps
Boron	11-1	492972	497502	496912	495796	0.50	cps
Cadmium	111-1	318436	320401	317011	318616	0.53	cps
Cadmium	106-1	37359	38202	37567	37709	1.17	cps
Cadmium	108-1	25690	25853	25924	25822	0.46	cps
Calcium	43-1	3430310	3427591	3394990	3417630	0.58	cps
Calcium	44-1	54297339	54306270	53980297	54194635	0.34	cps
Chromium	52-2	546950	549286	547903	548046	0.21	cps
Cobalt	59-2	701003	709713	712447	707721	0.84	cps
Copper	63-2	917480	928125	926514	924040	0.62	cps
Dysprosium	156-1	33	50	42	42	20.00	cps
Dysprosium	156-2	40	67	40	49	31.50	cps
Erbium	164-1	8	8	8	8	0.00	cps
Erbium	164-2	0	10	3	4	114.60	cps
Gadolinium	160-1	8	25	0	11	114.58	cps
Gadolinium	160-2	77	53	70	67	18.03	cps
Holmium	165-1	2673143	2666679	2653782	2664535	0.37	cps
Holmium	165-2	1438724	1436118	1454762	1443201	0.70	cps
Indium	115-1	1852191	1857980	1856237	1855469	0.16	cps
Indium	115-2	384180	391089	387515	387595	0.89	cps
Iron	56-2	96462469	96925366	96718377	96702071	0.24	cps
Iron	57-2	2472238	2468863	2457738	2466280	0.31	cps
Krypton	83-1	113	67	147	109	36.90	cps
Lead	206-1	789093	787657	786643	787798	0.16	cps
Lead	207-1	710508	707754	711056	709773	0.25	cps
Lead	208-1	3234434	3193550	3195765	3207916	0.72	cps
Lithium	6-1	1478785	1464011	1469275	1470690	0.51	cps
Magnesium	24-2	26086170	26047688	25856628	25996828	0.47	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 15:48:11	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	607509	612014	610101	609875	0.37	cps
Molybdenum	94-1	3341470	3333735	3322567	3332591	0.29	cps
Molybdenum	95-1	4250378	4233272	4231196	4238282	0.25	cps
Molybdenum	96-1	4648661	4617817	4653349	4639942	0.42	cps
Molybdenum	97-1	2563683	2569733	2554259	2562558	0.30	cps
Molybdenum	98-1	6686372	6722652	6687420	6698815	0.31	cps
Neodymium	150-1	167	133	113	138	19.55	cps
Neodymium	150-2	23	23	20	22	8.65	cps
Nickel	60-2	174498	178549	177216	176755	1.17	cps
Phosphorus	31-2	24997	25664	25464	25375	1.35	cps
Potassium	39-2	11627248	11585212	11600791	11604417	0.18	cps
Rhodium	103-1	1824998	1825124	1833461	1827861	0.27	cps
Rhodium	103-2	902065	906354	896402	901607	0.55	cps
Scandium	45-1	2337061	2343856	2350853	2343923	0.29	cps
Scandium	45-2	104626	106221	106630	105825	1.00	cps
Selenium	77-2	1313	1433	1433	1393	4.97	cps
Selenium	78-2	4516	4671	4810	4666	3.16	cps
Selenium	82-1	30175	30014	29845	30011	0.55	cps
Silicon	28-1	2144151	2213734	2232452	2196779	2.12	cps
Silver	109-1	1377255	1367952	1372896	1372701	0.34	cps
Silver	107-1	781244	743206	760460	761636	2.50	cps
Sodium	23-2	52262998	52727377	52136047	52375474	0.59	cps
Strontium	86-1	473613	471173	466144	470310	0.81	cps
Strontium	88-1	4002876	4052968	4067479	4041108	0.84	cps
Sulfur	34-1	479794	471779	470234	473936	1.08	cps
Terbium	159-1	2857140	2885315	2859630	2867362	0.54	cps
Terbium	159-2	1456980	1462697	1468415	1462697	0.39	cps
Thallium	203-1	970004	980604	979989	976865	0.61	cps
Thallium	205-1	2368019	2358280	2384286	2370195	0.55	cps
Thorium	232-1	4024642	4023971	4056585	4035066	0.46	cps
Tin	118-1	914431	908885	912882	912066	0.31	cps
Titanium	47-1	1688737	1690680	1701492	1693636	0.41	cps
Uranium	238-1	3950874	3939279	3963293	3951149	0.30	cps
Vanadium	51-2	467376	473440	474452	471756	0.81	cps
Yttrium	89-1	2772823	2781641	2775587	2776684	0.16	cps
Yttrium	89-2	392091	392298	395511	393300	0.49	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 15:48:11	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	139896	140901	140986	140594	0.43	cps
Zirconium	90-1	2607791	2623005	2594989	2608595	0.54	cps
Zirconium	91-1	562091	565682	558042	561938	0.68	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 15:57:09	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	58	67	75	29.40	cps
Antimony	121-1	217	267	300	261	16.06	cps
Arsenic	75-2	2	4	6	4	50.09	cps
Barium	135-1	67	42	42	50	28.87	cps
Barium	137-1	75	83	67	75	11.11	cps
Beryllium	9-1	110	107	123	113	7.78	cps
Bismuth	209-1	1551864	1557833	1524699	1544799	1.14	cps
Bismuth	209-2	927389	939183	932868	933147	0.63	cps
Boron	10-1	3426	3759	3709	3631	4.95	cps
Boron	11-1	16017	15767	14691	15492	4.55	cps
Cadmium	111-1	689	636	723	683	6.37	cps
Cadmium	106-1	925	883	967	925	4.50	cps
Cadmium	108-1	0	4	0	1	173.21	cps
Calcium	43-1	150	217	133	167	26.46	cps
Calcium	44-1	5718	6143	5885	5915	3.62	cps
Chromium	52-2	317	300	290	302	4.46	cps
Cobalt	59-2	40	27	17	28	42.13	cps
Copper	63-2	420	397	383	400	4.64	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	25	8	14	69.31	cps
Erbium	164-2	7	3	0	3	100.05	cps
Gadolinium	160-1	25	8	25	19	49.50	cps
Gadolinium	160-2	40	43	33	39	13.09	cps
Holmium	165-1	2748137	2758141	2703904	2736727	1.05	cps
Holmium	165-2	1430527	1447312	1452664	1443501	0.80	cps
Indium	115-1	2044217	2066181	2026863	2045754	0.96	cps
Indium	115-2	410413	414618	418407	414479	0.96	cps
Iron	56-2	4101	3812	4056	3990	3.90	cps
Iron	57-2	172	144	122	146	17.12	cps
Krypton	83-1	77	103	83	88	15.81	cps
Lead	206-1	350	294	283	309	11.55	cps
Lead	207-1	250	289	356	298	17.91	cps
Lead	208-1	1283	1222	1300	1269	3.23	cps
Lithium	6-1	1582200	1558817	1545701	1562239	1.18	cps
Magnesium	24-2	575	692	592	619	10.19	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : CCB06 Instrumnet Name : P7
 Client Sample ID : CCB06 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 15:57:09 DataFile Name : 030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23	13	40	26	52.73	cps
Molybdenum	94-1	325	308	283	306	6.86	cps
Molybdenum	95-1	317	200	300	272	23.18	cps
Molybdenum	96-1	392	367	250	336	22.50	cps
Molybdenum	97-1	175	133	117	142	21.21	cps
Molybdenum	98-1	433	475	408	439	7.67	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	13	7	13	11	34.61	cps
Phosphorus	31-2	50	75	67	64	19.92	cps
Potassium	39-2	10262	10713	11163	10713	4.20	cps
Rhodium	103-1	2097837	2099242	2078765	2091948	0.55	cps
Rhodium	103-2	990493	1002123	998826	997147	0.60	cps
Scandium	45-1	2467436	2470940	2436240	2458205	0.78	cps
Scandium	45-2	105028	106969	106332	106110	0.93	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	26	19	30	25	22.91	cps
Selenium	82-1	16	10	9	12	30.46	cps
Silicon	28-1	104572	102382	100947	102634	1.78	cps
Silver	109-1	208	192	133	178	22.15	cps
Silver	107-1	88	21	100	69	61.29	cps
Sodium	23-2	17669	16935	17269	17291	2.13	cps
Strontium	86-1	158	133	133	142	10.19	cps
Strontium	88-1	108	150	133	131	16.06	cps
Sulfur	34-1	221582	222951	218936	221156	0.92	cps
Terbium	159-1	2972990	2958201	2926711	2952634	0.80	cps
Terbium	159-2	1440659	1455103	1431389	1442383	0.83	cps
Thallium	203-1	100	117	75	97	21.57	cps
Thallium	205-1	258	242	300	267	11.27	cps
Thorium	232-1	256	228	317	267	17.05	cps
Tin	118-1	142	192	292	208	36.66	cps
Titanium	47-1	83	83	142	103	32.76	cps
Uranium	238-1	75	183	100	119	47.49	cps
Vanadium	51-2	7	27	23	19	56.72	cps
Yttrium	89-1	2919148	2918719	2932735	2923534	0.27	cps
Yttrium	89-2	393273	401689	400094	398352	1.12	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 15:57:09	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	87	80	90	86	5.95	cps
Zirconium	90-1	458	392	417	422	7.98	cps
Zirconium	91-1	75	67	75	72	6.66	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3782-03 Instrumnet Name : P7
 Client Sample ID : KY030OF003-SW-19071 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 16:04:28 DataFile Name : 031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	250	142	133	175	37.19	cps
Antimony	121-1	2034	1917	1934	1961	3.22	cps
Arsenic	75-2	91	65	76	77	16.85	cps
Barium	135-1	38145	38262	38212	38207	0.15	cps
Barium	137-1	65530	66719	66284	66178	0.91	cps
Beryllium	9-1	93	83	77	84	9.93	cps
Bismuth	209-1	1421111	1459948	1454814	1445291	1.46	cps
Bismuth	209-2	842941	845183	850749	846291	0.48	cps
Boron	10-1	49733	50627	50903	50421	1.21	cps
Boron	11-1	228294	230508	235071	231291	1.49	cps
Cadmium	111-1	829	739	551	706	20.05	cps
Cadmium	106-1	1000	900	675	858	19.39	cps
Cadmium	108-1	13	29	13	18	53.30	cps
Calcium	43-1	1372176	1371069	1385338	1376194	0.58	cps
Calcium	44-1	22325802	22601897	22579767	22502489	0.68	cps
Chromium	52-2	2897	2870	2867	2878	0.57	cps
Cobalt	59-2	153	177	200	177	13.21	cps
Copper	63-2	2987	2880	2884	2917	2.08	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	8	17	17	14	34.67	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	8	17	8	11	43.34	cps
Gadolinium	160-2	60	60	37	52	25.79	cps
Holmium	165-1	2594472	2663119	2662426	2640006	1.49	cps
Holmium	165-2	1369172	1377641	1383430	1376748	0.52	cps
Indium	115-1	1912502	1986286	1983962	1960916	2.14	cps
Indium	115-2	386427	388729	390267	388474	0.50	cps
Iron	56-2	5985	6179	5729	5964	3.79	cps
Iron	57-2	8180	8914	8653	8582	4.33	cps
Krypton	83-1	140	107	130	126	13.62	cps
Lead	206-1	1045	900	772	906	15.04	cps
Lead	207-1	911	622	939	824	21.28	cps
Lead	208-1	3884	3384	3461	3576	7.52	cps
Lithium	6-1	1626988	1643459	1623301	1631249	0.66	cps
Magnesium	24-2	950365	943264	958423	950684	0.80	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3782-03 Instrumnet Name : P7
 Client Sample ID : KY030OF003-SW-19071 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 16:04:28 DataFile Name : 031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2880	2724	2974	2859	4.42	cps
Molybdenum	94-1	783	842	933	853	8.87	cps
Molybdenum	95-1	1025	883	1050	986	9.12	cps
Molybdenum	96-1	1150	1267	1200	1206	4.86	cps
Molybdenum	97-1	742	625	625	664	10.15	cps
Molybdenum	98-1	1700	1884	1784	1789	5.13	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	223	250	243	239	5.81	cps
Phosphorus	31-2	125	158	108	131	19.50	cps
Potassium	39-2	211670	213109	214268	213016	0.61	cps
Rhodium	103-1	1914213	1961909	1963830	1946651	1.44	cps
Rhodium	103-2	949750	953791	953835	952459	0.25	cps
Scandium	45-1	2380929	2433766	2458266	2424320	1.63	cps
Scandium	45-2	109628	109511	110995	110045	0.75	cps
Selenium	77-2	13	7	13	11	34.61	cps
Selenium	78-2	48	39	50	46	13.03	cps
Selenium	82-1	81	144	114	113	27.84	cps
Silicon	28-1	37982259	38393818	37776741	38050939	0.83	cps
Silver	109-1	1525	1258	1100	1295	16.59	cps
Silver	107-1	704	796	583	695	15.35	cps
Sodium	23-2	8979788	8970213	8910139	8953380	0.42	cps
Strontium	86-1	362220	364006	357366	361197	0.95	cps
Strontium	88-1	3136175	3168398	3185374	3163316	0.79	cps
Sulfur	34-1	435415	433190	429879	432828	0.64	cps
Terbium	159-1	2799413	2861729	2893212	2851451	1.67	cps
Terbium	159-2	1380960	1391532	1405293	1392595	0.88	cps
Thallium	203-1	250	167	225	214	19.99	cps
Thallium	205-1	675	650	483	603	17.29	cps
Thorium	232-1	139	172	178	163	12.91	cps
Tin	118-1	3617	4076	3476	3723	8.43	cps
Titanium	47-1	858	733	833	808	8.18	cps
Uranium	238-1	10205	10813	10346	10455	3.05	cps
Vanadium	51-2	3797	3991	3707	3832	3.78	cps
Yttrium	89-1	2774719	2843921	2873118	2830586	1.79	cps
Yttrium	89-2	385542	390242	387291	387692	0.61	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3782-03	Instrumnet Name :	P7
Client Sample ID :	KY030OF003-SW-19071	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:04:28	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1090	1043	1123	1086	3.70	cps
Zirconium	90-1	475	525	500	500	5.00	cps
Zirconium	91-1	142	67	50	86	56.70	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3782-04	Instrumnet Name :	P7
Client Sample ID :	KY030LC015-SW-19071	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:08:04	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	133	133	106	45.58	cps
Antimony	121-1	2050	2125	2175	2117	2.97	cps
Arsenic	75-2	213	278	285	259	15.36	cps
Barium	135-1	46328	46612	45509	46150	1.24	cps
Barium	137-1	80367	79997	79747	80037	0.39	cps
Beryllium	9-1	120	120	67	102	30.12	cps
Bismuth	209-1	1449149	1452745	1478725	1460206	1.11	cps
Bismuth	209-2	844812	840734	866931	850826	1.66	cps
Boron	10-1	43171	42068	43054	42765	1.42	cps
Boron	11-1	197510	194334	202338	198061	2.03	cps
Cadmium	111-1	730	710	731	724	1.65	cps
Cadmium	106-1	958	925	983	956	3.06	cps
Cadmium	108-1	17	0	4	7	124.88	cps
Calcium	43-1	1276059	1269652	1271100	1272270	0.26	cps
Calcium	44-1	20771161	20575331	20712044	20686179	0.49	cps
Chromium	52-2	2040	1923	1980	1981	2.95	cps
Cobalt	59-2	360	313	387	353	10.51	cps
Copper	63-2	2750	2640	2827	2739	3.43	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	7	10	7	8	24.71	cps
Erbium	164-1	17	0	25	14	91.65	cps
Erbium	164-2	10	3	13	9	57.30	cps
Gadolinium	160-1	50	8	42	33	66.15	cps
Gadolinium	160-2	50	67	47	54	19.68	cps
Holmium	165-1	2650302	2670598	2709200	2676700	1.12	cps
Holmium	165-2	1346599	1364865	1372303	1361256	0.97	cps
Indium	115-1	1932763	1968222	2008155	1969713	1.91	cps
Indium	115-2	382962	382885	386577	384141	0.55	cps
Iron	56-2	16076	16487	15965	16176	1.70	cps
Iron	57-2	7930	8358	8436	8241	3.30	cps
Krypton	83-1	150	140	137	142	4.88	cps
Lead	206-1	600	594	500	565	9.95	cps
Lead	207-1	561	522	317	467	28.15	cps
Lead	208-1	2489	2350	2172	2337	6.79	cps
Lithium	6-1	1570909	1578951	1585706	1578522	0.47	cps
Magnesium	24-2	919826	917860	924694	920793	0.38	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3782-04 Instrumnet Name : P7
 Client Sample ID : KY030LC015-SW-19071 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 16:08:04 DataFile Name : 032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	13693	14344	14427	14155	2.84	cps
Molybdenum	94-1	1083	1133	1100	1106	2.30	cps
Molybdenum	95-1	1492	1709	1534	1578	7.29	cps
Molybdenum	96-1	1984	1675	1934	1864	8.88	cps
Molybdenum	97-1	1008	908	933	950	5.48	cps
Molybdenum	98-1	2242	2609	2300	2384	8.27	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	10	3	173.21	cps
Nickel	60-2	527	463	577	522	10.88	cps
Phosphorus	31-2	400	342	492	411	18.39	cps
Potassium	39-2	411016	413044	417108	413723	0.75	cps
Rhodium	103-1	1943010	1983902	2013337	1980083	1.78	cps
Rhodium	103-2	950454	953691	949522	951222	0.23	cps
Scandium	45-1	2418301	2415562	2485095	2439653	1.61	cps
Scandium	45-2	107557	107295	106996	107283	0.26	cps
Selenium	77-2	17	10	3	10	66.70	cps
Selenium	78-2	30	33	28	30	9.34	cps
Selenium	82-1	17	35	36	29	37.50	cps
Silicon	28-1	25669700	25366459	25552297	25529485	0.60	cps
Silver	109-1	667	642	708	672	5.01	cps
Silver	107-1	567	421	296	428	31.69	cps
Sodium	23-2	6252714	6203368	6174470	6210184	0.64	cps
Strontium	86-1	384233	380849	385976	383686	0.68	cps
Strontium	88-1	3293922	3321911	3311365	3309066	0.43	cps
Sulfur	34-1	497044	491064	494849	494319	0.61	cps
Terbium	159-1	2868799	2918435	2929736	2905657	1.12	cps
Terbium	159-2	1381215	1390576	1401395	1391062	0.73	cps
Thallium	203-1	42	67	58	56	22.91	cps
Thallium	205-1	225	183	158	189	17.83	cps
Thorium	232-1	106	133	89	109	20.55	cps
Tin	118-1	3542	3659	4445	3882	12.64	cps
Titanium	47-1	792	767	750	769	2.73	cps
Uranium	238-1	6460	6252	6110	6274	2.81	cps
Vanadium	51-2	2497	2624	2777	2632	5.33	cps
Yttrium	89-1	2803090	2848645	2891159	2847632	1.55	cps
Yttrium	89-2	381562	381468	385646	382892	0.62	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3782-04	Instrumnet Name :	P7
Client Sample ID :	KY030LC015-SW-19071	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:08:04	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	837	760	860	819	6.39	cps
Zirconium	90-1	692	467	692	617	21.07	cps
Zirconium	91-1	158	108	142	136	18.70	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3782-05	Instrumnet Name :	P7
Client Sample ID :	KY030SP005-SW-19071	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:11:40	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	92	83	89	5.41	cps
Antimony	121-1	1667	1750	1725	1714	2.50	cps
Arsenic	75-2	133	106	122	120	11.62	cps
Barium	135-1	46847	45626	44857	45777	2.19	cps
Barium	137-1	80879	80450	77458	79596	2.34	cps
Beryllium	9-1	77	110	53	80	35.60	cps
Bismuth	209-1	1385253	1361670	1350282	1365735	1.31	cps
Bismuth	209-2	832354	851502	842793	842216	1.14	cps
Boron	10-1	42536	43288	43497	43107	1.17	cps
Boron	11-1	195915	194640	195306	195287	0.33	cps
Cadmium	111-1	628	576	567	590	5.52	cps
Cadmium	106-1	833	792	767	797	4.22	cps
Cadmium	108-1	8	4	4	6	43.22	cps
Calcium	43-1	1510103	1502064	1493527	1501898	0.55	cps
Calcium	44-1	24177803	24307045	24033200	24172683	0.57	cps
Chromium	52-2	1847	1927	1910	1895	2.23	cps
Cobalt	59-2	193	223	203	207	7.39	cps
Copper	63-2	2504	2300	2387	2397	4.26	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	3	13	7	8	65.47	cps
Erbium	164-1	0	25	17	14	91.65	cps
Erbium	164-2	7	0	0	2	173.21	cps
Gadolinium	160-1	33	42	8	28	62.46	cps
Gadolinium	160-2	37	43	50	43	15.38	cps
Holmium	165-1	2486535	2504278	2501699	2497504	0.38	cps
Holmium	165-2	1342177	1377171	1354597	1357982	1.31	cps
Indium	115-1	1807554	1832911	1806660	1815708	0.82	cps
Indium	115-2	372206	383966	377961	378044	1.56	cps
Iron	56-2	8792	9142	8970	8968	1.95	cps
Iron	57-2	9904	9648	9792	9781	1.31	cps
Krypton	83-1	157	160	97	138	25.87	cps
Lead	206-1	394	433	350	393	10.62	cps
Lead	207-1	406	411	311	376	14.95	cps
Lead	208-1	1939	1772	1556	1756	10.95	cps
Lithium	6-1	1468379	1458013	1426114	1450835	1.52	cps
Magnesium	24-2	1083565	1099470	1092470	1091835	0.73	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3782-05	Instrumnet Name :	P7
Client Sample ID :	KY030SP005-SW-19071	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:11:40	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2327	2507	2454	2429	3.81	cps
Molybdenum	94-1	500	558	442	500	11.67	cps
Molybdenum	95-1	825	717	742	761	7.45	cps
Molybdenum	96-1	875	1117	908	967	13.55	cps
Molybdenum	97-1	517	492	575	528	8.10	cps
Molybdenum	98-1	1308	1242	1408	1320	6.36	cps
Neodymium	150-1	13	7	20	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	143	193	183	173	15.26	cps
Phosphorus	31-2	83	83	58	75	19.24	cps
Potassium	39-2	206813	210676	209129	208872	0.93	cps
Rhodium	103-1	1824525	1810877	1807854	1814419	0.49	cps
Rhodium	103-2	918663	944665	931832	931720	1.40	cps
Scandium	45-1	2182510	2203512	2195284	2193769	0.48	cps
Scandium	45-2	100447	105318	102095	102620	2.41	cps
Selenium	77-2	10	3	7	7	50.03	cps
Selenium	78-2	28	33	20	27	23.94	cps
Selenium	82-1	54	52	91	66	32.96	cps
Silicon	28-1	34714956	34797655	34548102	34686904	0.37	cps
Silver	109-1	458	483	383	442	11.78	cps
Silver	107-1	338	317	367	340	7.38	cps
Sodium	23-2	5069544	5160029	5082639	5104071	0.96	cps
Strontium	86-1	546914	546465	535092	542823	1.23	cps
Strontium	88-1	4701639	4690799	4659259	4683899	0.47	cps
Sulfur	34-1	463172	463732	457917	461607	0.69	cps
Terbium	159-1	2683464	2739452	2713058	2711991	1.03	cps
Terbium	159-2	1361344	1397010	1374611	1377655	1.31	cps
Thallium	203-1	42	50	50	47	10.18	cps
Thallium	205-1	200	133	133	156	24.74	cps
Thorium	232-1	111	83	94	96	14.51	cps
Tin	118-1	3601	3459	3701	3587	3.39	cps
Titanium	47-1	758	833	842	811	5.66	cps
Uranium	238-1	10263	10338	9679	10093	3.57	cps
Vanadium	51-2	2157	2310	2430	2299	5.96	cps
Yttrium	89-1	2600751	2630594	2598497	2609947	0.69	cps
Yttrium	89-2	371768	378129	372557	374151	0.93	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3782-05	Instrumnet Name :	P7
Client Sample ID :	KY030SP005-SW-19071	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:11:40	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	873	990	883	916	7.06	cps
Zirconium	90-1	333	267	400	333	20.00	cps
Zirconium	91-1	67	58	33	53	32.88	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3782-06 Instrumnet Name : P7
 Client Sample ID : KY030LC018-SW-19071 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 16:15:17 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	158	125	147	13.07	cps
Antimony	121-1	2217	1959	2159	2111	6.42	cps
Arsenic	75-2	231	250	241	241	3.84	cps
Barium	135-1	45551	45517	46178	45748	0.81	cps
Barium	137-1	79269	78130	80249	79216	1.34	cps
Beryllium	9-1	87	67	97	83	18.33	cps
Bismuth	209-1	1467809	1467782	1512902	1482831	1.76	cps
Bismuth	209-2	835296	848281	847774	843784	0.87	cps
Boron	10-1	41090	40973	43129	41731	2.91	cps
Boron	11-1	187922	194816	196791	193176	2.41	cps
Cadmium	111-1	734	658	662	685	6.23	cps
Cadmium	106-1	942	908	908	920	2.09	cps
Cadmium	108-1	13	4	4	7	69.23	cps
Calcium	43-1	1196890	1201978	1207360	1202076	0.44	cps
Calcium	44-1	19378922	19437121	19728319	19514787	0.96	cps
Chromium	52-2	1700	1893	1600	1731	8.61	cps
Cobalt	59-2	377	433	313	374	16.03	cps
Copper	63-2	2094	2130	2177	2134	1.96	cps
Dysprosium	156-1	0	0	25	8	173.21	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	0	8	33	14	124.91	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	33	17	33	28	34.63	cps
Gadolinium	160-2	37	60	37	44	30.31	cps
Holmium	165-1	2684485	2698696	2765293	2716158	1.59	cps
Holmium	165-2	1334032	1371261	1372436	1359243	1.61	cps
Indium	115-1	1936267	1958211	2004871	1966450	1.78	cps
Indium	115-2	368783	376046	375598	373476	1.09	cps
Iron	56-2	21516	22679	21616	21937	2.94	cps
Iron	57-2	7091	7380	7385	7285	2.31	cps
Krypton	83-1	113	113	147	124	15.46	cps
Lead	206-1	528	494	550	524	5.34	cps
Lead	207-1	461	378	528	456	16.50	cps
Lead	208-1	2039	1878	2128	2015	6.29	cps
Lithium	6-1	1504186	1488702	1514121	1502336	0.85	cps
Magnesium	24-2	833885	846442	834719	838349	0.84	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3782-06	Instrumnet Name :	P7
Client Sample ID :	KY030LC018-SW-19071	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:15:17	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	14738	15011	15065	14938	1.17	cps
Molybdenum	94-1	1250	1158	1108	1172	6.13	cps
Molybdenum	95-1	1625	1667	1500	1597	5.43	cps
Molybdenum	96-1	1825	1967	1792	1861	4.99	cps
Molybdenum	97-1	1067	1025	1025	1039	2.32	cps
Molybdenum	98-1	2484	2484	2650	2539	3.79	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	533	453	560	516	10.77	cps
Phosphorus	31-2	367	467	425	419	11.98	cps
Potassium	39-2	383238	391093	386256	386862	1.02	cps
Rhodium	103-1	1912129	1936378	1995301	1947936	2.20	cps
Rhodium	103-2	913553	924303	923851	920569	0.66	cps
Scandium	45-1	2310504	2327856	2360002	2332787	1.08	cps
Scandium	45-2	98065	100390	98652	99036	1.22	cps
Selenium	77-2	0	13	3	6	124.93	cps
Selenium	78-2	15	17	24	19	26.45	cps
Selenium	82-1	76	29	25	43	65.54	cps
Silicon	28-1	23297785	23601276	23720179	23539747	0.93	cps
Silver	109-1	450	425	442	439	2.90	cps
Silver	107-1	317	254	271	281	11.54	cps
Sodium	23-2	5773069	5847843	5695044	5771985	1.32	cps
Strontium	86-1	364053	360172	361908	362044	0.54	cps
Strontium	88-1	3108744	3165157	3205321	3159741	1.54	cps
Sulfur	34-1	489035	488944	484918	487633	0.48	cps
Terbium	159-1	2884793	2889639	2983495	2919309	1.91	cps
Terbium	159-2	1355506	1374617	1386322	1372148	1.13	cps
Thallium	203-1	33	50	50	44	21.66	cps
Thallium	205-1	167	142	142	150	9.63	cps
Thorium	232-1	100	144	111	119	19.52	cps
Tin	118-1	2742	3201	3334	3092	10.04	cps
Titanium	47-1	717	600	633	650	9.25	cps
Uranium	238-1	5927	6068	6043	6013	1.26	cps
Vanadium	51-2	2524	2787	2604	2638	5.12	cps
Yttrium	89-1	2768217	2806319	2859847	2811461	1.64	cps
Yttrium	89-2	364258	370034	363649	365980	0.96	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3782-06	Instrumnet Name :	P7
Client Sample ID :	KY030LC018-SW-19071	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:15:17	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1037	1103	1073	1071	3.12	cps
Zirconium	90-1	475	500	558	511	8.37	cps
Zirconium	91-1	117	92	158	122	27.56	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3782-07	Instrumnet Name :	P7
Client Sample ID :	DUP-0539-190711	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:18:53	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1934	2117	2142	2064	5.51	cps
Antimony	121-1	1850	2009	2042	1967	5.21	cps
Arsenic	75-2	231	243	243	239	2.68	cps
Barium	135-1	43419	43303	42842	43188	0.71	cps
Barium	137-1	74131	74852	75222	74735	0.74	cps
Beryllium	9-1	93	90	77	87	10.17	cps
Bismuth	209-1	1487267	1481523	1505766	1491519	0.85	cps
Bismuth	209-2	845050	839307	850787	845048	0.68	cps
Boron	10-1	39377	39093	39427	39299	0.46	cps
Boron	11-1	177903	182649	184516	181689	1.88	cps
Cadmium	111-1	652	545	753	650	15.93	cps
Cadmium	106-1	908	742	1042	897	16.75	cps
Cadmium	108-1	13	4	8	8	49.98	cps
Calcium	43-1	1191545	1198269	1189185	1192999	0.40	cps
Calcium	44-1	19249499	19510974	19433141	19397871	0.69	cps
Chromium	52-2	1507	1357	1470	1445	5.41	cps
Cobalt	59-2	210	293	300	268	18.73	cps
Copper	63-2	2394	2407	2300	2367	2.46	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	33	25	8	22	57.29	cps
Erbium	164-2	0	10	7	6	91.64	cps
Gadolinium	160-1	17	17	17	17	0.00	cps
Gadolinium	160-2	47	30	27	34	31.11	cps
Holmium	165-1	2692059	2702445	2726098	2706867	0.64	cps
Holmium	165-2	1340564	1348428	1344883	1344625	0.29	cps
Indium	115-1	1934508	1932977	1957285	1941590	0.70	cps
Indium	115-2	365438	359481	370986	365302	1.58	cps
Iron	56-2	11922	12356	12689	12322	3.12	cps
Iron	57-2	6741	7124	7096	6987	3.06	cps
Krypton	83-1	100	133	120	118	14.25	cps
Lead	206-1	472	411	433	439	7.05	cps
Lead	207-1	361	361	389	370	4.33	cps
Lead	208-1	1745	1650	1850	1748	5.72	cps
Lithium	6-1	1461901	1441638	1437108	1446883	0.91	cps
Magnesium	24-2	793937	780180	794932	789683	1.04	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3782-07	Instrumnet Name :	P7
Client Sample ID :	DUP-0539-190711	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:18:53	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	11111	10757	11164	11011	2.01	cps
Molybdenum	94-1	1008	967	850	942	8.72	cps
Molybdenum	95-1	1417	1417	1442	1425	1.01	cps
Molybdenum	96-1	1750	1567	1784	1700	6.86	cps
Molybdenum	97-1	708	783	942	811	14.69	cps
Molybdenum	98-1	2517	2317	2367	2400	4.34	cps
Neodymium	150-1	27	0	7	11	124.89	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	443	470	440	451	3.65	cps
Phosphorus	31-2	325	267	258	283	12.82	cps
Potassium	39-2	344083	343851	345006	344313	0.18	cps
Rhodium	103-1	1928507	1912460	1936715	1925894	0.64	cps
Rhodium	103-2	913985	894568	906326	904960	1.08	cps
Scandium	45-1	2264412	2241995	2271396	2259268	0.68	cps
Scandium	45-2	94536	94502	95116	94718	0.36	cps
Selenium	77-2	3	10	0	4	114.60	cps
Selenium	78-2	22	22	30	25	17.33	cps
Selenium	82-1	64	4	39	36	85.12	cps
Silicon	28-1	24243621	24434543	24553239	24410468	0.64	cps
Silver	109-1	367	342	392	367	6.82	cps
Silver	107-1	300	263	204	256	18.90	cps
Sodium	23-2	5353662	5256552	5247126	5285780	1.12	cps
Strontium	86-1	361925	366472	363640	364012	0.63	cps
Strontium	88-1	3149788	3171190	3205611	3175530	0.89	cps
Sulfur	34-1	459764	457147	461406	459439	0.47	cps
Terbium	159-1	2936498	2877470	2923833	2912600	1.07	cps
Terbium	159-2	1368946	1361856	1371540	1367447	0.37	cps
Thallium	203-1	33	50	42	42	20.00	cps
Thallium	205-1	133	150	108	131	16.06	cps
Thorium	232-1	67	106	94	89	22.53	cps
Tin	118-1	2467	2825	2609	2634	6.85	cps
Titanium	47-1	517	617	450	528	15.89	cps
Uranium	238-1	6268	6585	6627	6494	3.02	cps
Vanadium	51-2	2404	2604	2740	2582	6.56	cps
Yttrium	89-1	2758757	2729187	2762605	2750183	0.66	cps
Yttrium	89-2	360500	352077	358999	357192	1.26	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3782-07	Instrumnet Name :	P7
Client Sample ID :	DUP-0539-190711	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:18:53	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1193	1083	1150	1142	4.85	cps
Zirconium	90-1	500	567	408	492	16.17	cps
Zirconium	91-1	158	108	150	139	19.29	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3783-04	Instrumnet Name :	P7
Client Sample ID :	EB-03-190711	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:22:30	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	175	208	203	12.55	cps
Antimony	121-1	83	133	92	103	26.06	cps
Arsenic	75-2	7	2	6	5	57.32	cps
Barium	135-1	8	17	17	14	34.67	cps
Barium	137-1	33	17	17	22	43.30	cps
Beryllium	9-1	47	57	70	58	20.26	cps
Bismuth	209-1	1724567	1734349	1714811	1724576	0.57	cps
Bismuth	209-2	961306	957082	955440	957943	0.32	cps
Boron	10-1	3376	3292	2892	3187	8.11	cps
Boron	11-1	15408	14165	13190	14254	7.80	cps
Cadmium	111-1	757	785	684	742	7.03	cps
Cadmium	106-1	1050	1083	975	1036	5.36	cps
Cadmium	108-1	4	4	4	4	0.00	cps
Calcium	43-1	433	458	425	439	3.95	cps
Calcium	44-1	10896	10045	9553	10165	6.68	cps
Chromium	52-2	287	310	387	328	15.96	cps
Cobalt	59-2	17	7	3	9	78.08	cps
Copper	63-2	627	633	490	583	13.87	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	8	17	11	43.34	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	0	0	33	11	173.21	cps
Gadolinium	160-2	63	57	43	54	18.71	cps
Holmium	165-1	3021980	2983191	2983995	2996389	0.74	cps
Holmium	165-2	1460223	1457654	1445341	1454406	0.55	cps
Indium	115-1	2191776	2171659	2166944	2176793	0.61	cps
Indium	115-2	409663	408411	406143	408072	0.44	cps
Iron	56-2	1717	1617	1539	1624	5.49	cps
Iron	57-2	83	83	33	67	43.31	cps
Krypton	83-1	93	73	97	88	14.38	cps
Lead	206-1	267	183	139	196	33.05	cps
Lead	207-1	194	200	167	187	9.55	cps
Lead	208-1	911	822	694	809	13.46	cps
Lithium	6-1	1596767	1577496	1548791	1574351	1.53	cps
Magnesium	24-2	208	200	100	169	35.58	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3783-04	Instrumnet Name :	P7
Client Sample ID :	EB-03-190711	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:22:30	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27	30	27	28	6.92	cps
Molybdenum	94-1	92	92	75	86	11.18	cps
Molybdenum	95-1	8	42	17	22	78.07	cps
Molybdenum	96-1	67	58	17	47	56.72	cps
Molybdenum	97-1	8	25	25	19	49.50	cps
Molybdenum	98-1	58	33	33	42	34.65	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	10	17	13	13	25.01	cps
Phosphorus	31-2	42	50	33	42	20.00	cps
Potassium	39-2	8586	9120	8695	8800	3.21	cps
Rhodium	103-1	2229753	2190421	2205843	2208672	0.90	cps
Rhodium	103-2	995500	997203	987168	993290	0.54	cps
Scandium	45-1	2459417	2450536	2452790	2454247	0.19	cps
Scandium	45-2	100891	99186	97471	99182	1.72	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	15	31	20	22	38.20	cps
Selenium	82-1	20	30	26	25	19.96	cps
Silicon	28-1	113781	112478	113704	113321	0.65	cps
Silver	109-1	233	150	192	192	21.74	cps
Silver	107-1	142	133	113	129	11.64	cps
Sodium	23-2	19497	18028	17277	18267	6.18	cps
Strontium	86-1	217	183	208	203	8.56	cps
Strontium	88-1	408	417	408	411	1.17	cps
Sulfur	34-1	215970	216933	220491	217798	1.09	cps
Terbium	159-1	3259505	3233525	3186478	3226502	1.15	cps
Terbium	159-2	1469692	1464726	1454550	1462989	0.53	cps
Thallium	203-1	25	42	58	42	40.00	cps
Thallium	205-1	33	42	58	44	28.65	cps
Thorium	232-1	39	56	22	39	42.86	cps
Tin	118-1	108	117	117	114	4.22	cps
Titanium	47-1	92	75	58	75	22.22	cps
Uranium	238-1	8	17	0	8	100.02	cps
Vanadium	51-2	87	77	77	80	7.22	cps
Yttrium	89-1	3078062	3075151	3004962	3052725	1.36	cps
Yttrium	89-2	386847	384850	382987	384895	0.50	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3783-04	Instrumnet Name :	P7
Client Sample ID :	EB-03-190711	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:22:30	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	113	123	137	124	9.41	cps
Zirconium	90-1	267	250	333	283	15.56	cps
Zirconium	91-1	42	42	50	44	10.82	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3813-05	Instrumnet Name :	P7
Client Sample ID :	EB-04-190712	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:26:07	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	75	25	58	49.49	cps
Antimony	121-1	42	50	42	44	10.82	cps
Arsenic	75-2	0	4	4	2	86.60	cps
Barium	135-1	17	25	0	14	91.65	cps
Barium	137-1	42	25	25	31	31.50	cps
Beryllium	9-1	70	73	47	63	22.94	cps
Bismuth	209-1	1663160	1663315	1657747	1661407	0.19	cps
Bismuth	209-2	951407	954701	951853	952654	0.19	cps
Boron	10-1	2359	2167	2050	2192	7.10	cps
Boron	11-1	9620	9703	9320	9548	2.11	cps
Cadmium	111-1	735	696	717	716	2.71	cps
Cadmium	106-1	1050	958	1025	1011	4.69	cps
Cadmium	108-1	13	0	13	8	86.60	cps
Calcium	43-1	642	400	583	542	23.28	cps
Calcium	44-1	11805	11905	11730	11814	0.74	cps
Chromium	52-2	343	363	333	347	4.41	cps
Cobalt	59-2	0	7	3	3	100.05	cps
Copper	63-2	410	430	407	416	3.04	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	8	8	8	8	0.00	cps
Erbium	164-2	7	7	0	4	86.60	cps
Gadolinium	160-1	17	33	0	17	99.99	cps
Gadolinium	160-2	20	40	37	32	33.25	cps
Holmium	165-1	2856710	2887856	2846518	2863695	0.75	cps
Holmium	165-2	1444232	1433156	1443331	1440240	0.43	cps
Indium	115-1	2088942	2079821	2052287	2073683	0.92	cps
Indium	115-2	397862	402602	399558	400007	0.60	cps
Iron	56-2	1622	1695	1778	1698	4.58	cps
Iron	57-2	83	56	67	69	20.41	cps
Krypton	83-1	90	87	77	84	8.22	cps
Lead	206-1	239	244	217	233	6.30	cps
Lead	207-1	200	189	139	176	18.51	cps
Lead	208-1	872	828	689	796	12.01	cps
Lithium	6-1	1523506	1511542	1496896	1510648	0.88	cps
Magnesium	24-2	133	133	117	128	7.53	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3813-05	Instrumnet Name :	P7
Client Sample ID :	EB-04-190712	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:26:07	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	40	37	37	9.10	cps
Molybdenum	94-1	50	58	100	69	38.57	cps
Molybdenum	95-1	25	33	0	19	89.21	cps
Molybdenum	96-1	58	33	33	42	34.65	cps
Molybdenum	97-1	42	0	8	17	132.30	cps
Molybdenum	98-1	58	17	42	39	53.93	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	10	17	12	31.50	cps
Phosphorus	31-2	17	67	58	47	56.72	cps
Potassium	39-2	8444	8244	8303	8330	1.24	cps
Rhodium	103-1	2102418	2094420	2087586	2094808	0.35	cps
Rhodium	103-2	968461	986592	968856	974636	1.06	cps
Scandium	45-1	2322070	2331747	2321558	2325125	0.25	cps
Scandium	45-2	96049	97790	96783	96874	0.90	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	24	22	22	23	4.68	cps
Selenium	82-1	-11	17	46	17	164.39	cps
Silicon	28-1	124531	122271	123866	123556	0.94	cps
Silver	109-1	125	83	83	97	24.74	cps
Silver	107-1	138	75	33	82	63.99	cps
Sodium	23-2	17302	16877	16610	16930	2.06	cps
Strontium	86-1	192	217	250	219	13.33	cps
Strontium	88-1	400	375	450	408	9.35	cps
Sulfur	34-1	219926	215875	214842	216881	1.24	cps
Terbium	159-1	3097519	3095690	3068564	3087258	0.53	cps
Terbium	159-2	1472208	1484864	1464051	1473707	0.71	cps
Thallium	203-1	8	8	25	14	69.31	cps
Thallium	205-1	50	50	67	56	17.32	cps
Thorium	232-1	11	22	6	13	65.44	cps
Tin	118-1	125	117	67	103	30.70	cps
Titanium	47-1	92	92	33	72	46.64	cps
Uranium	238-1	0	8	8	6	86.60	cps
Vanadium	51-2	30	30	47	36	27.07	cps
Yttrium	89-1	2932622	2920647	2874114	2909128	1.06	cps
Yttrium	89-2	377081	385120	380049	380750	1.07	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3813-05	Instrumnet Name :	P7
Client Sample ID :	EB-04-190712	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:26:07	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	107	83	107	99	13.63	cps
Zirconium	90-1	233	183	150	189	22.20	cps
Zirconium	91-1	75	42	75	64	30.12	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3814-01 Instrumnet Name : P7
 Client Sample ID : LA119SW005-SW-19071 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 16:29:44 DataFile Name : 038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	125	92	119	21.31	cps
Antimony	121-1	1558	1500	1684	1581	5.93	cps
Arsenic	75-2	204	219	209	210	3.55	cps
Barium	135-1	44748	44322	45877	44983	1.79	cps
Barium	137-1	78422	76721	78438	77860	1.27	cps
Beryllium	9-1	63	53	53	57	10.19	cps
Bismuth	209-1	1458193	1480828	1467971	1468997	0.77	cps
Bismuth	209-2	812108	821130	829018	820752	1.03	cps
Boron	10-1	35183	36353	37773	36436	3.56	cps
Boron	11-1	160705	164235	167963	164301	2.21	cps
Cadmium	111-1	613	660	538	604	10.19	cps
Cadmium	106-1	808	900	742	817	9.73	cps
Cadmium	108-1	4	4	8	6	43.22	cps
Calcium	43-1	1105891	1129654	1111578	1115708	1.11	cps
Calcium	44-1	18018745	18210333	18161079	18130052	0.55	cps
Chromium	52-2	1547	1803	1633	1661	7.86	cps
Cobalt	59-2	327	270	313	303	9.77	cps
Copper	63-2	1940	1803	2017	1920	5.63	cps
Dysprosium	156-1	50	25	8	28	75.51	cps
Dysprosium	156-2	13	3	10	9	57.30	cps
Erbium	164-1	25	17	0	14	91.65	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	58	25	42	42	40.00	cps
Gadolinium	160-2	37	50	57	48	21.31	cps
Holmium	165-1	2594735	2644742	2611677	2617051	0.97	cps
Holmium	165-2	1297174	1301221	1318418	1305604	0.86	cps
Indium	115-1	1823481	1864049	1846743	1844757	1.10	cps
Indium	115-2	348924	353364	353047	351778	0.70	cps
Iron	56-2	13673	13962	14085	13907	1.52	cps
Iron	57-2	6246	6429	6368	6348	1.47	cps
Krypton	83-1	107	93	120	107	12.50	cps
Lead	206-1	872	722	772	789	9.68	cps
Lead	207-1	728	700	694	707	2.52	cps
Lead	208-1	3234	3134	2995	3121	3.84	cps
Lithium	6-1	1406919	1420146	1399020	1408695	0.76	cps
Magnesium	24-2	758669	770758	765299	764909	0.79	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3814-01 Instrumnet Name : P7
 Client Sample ID : LA119SW005-SW-19071 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 16:29:44 DataFile Name : 038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	14187	14357	14270	14272	0.60	cps
Molybdenum	94-1	1058	1017	842	972	11.83	cps
Molybdenum	95-1	1325	1483	1617	1475	9.90	cps
Molybdenum	96-1	1900	1750	1817	1822	4.13	cps
Molybdenum	97-1	1025	1025	892	981	7.85	cps
Molybdenum	98-1	2559	2359	2292	2403	5.78	cps
Neodymium	150-1	13	20	13	16	24.76	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	540	450	487	492	9.20	cps
Phosphorus	31-2	367	408	342	372	9.05	cps
Potassium	39-2	338192	340399	338541	339044	0.35	cps
Rhodium	103-1	1808616	1841729	1812049	1820798	1.00	cps
Rhodium	103-2	862292	864215	871070	865859	0.53	cps
Scandium	45-1	2085819	2140326	2116038	2114061	1.29	cps
Scandium	45-2	88023	86229	88086	87446	1.21	cps
Selenium	77-2	10	3	13	9	57.30	cps
Selenium	78-2	22	22	19	21	10.18	cps
Selenium	82-1	38	51	32	40	24.51	cps
Silicon	28-1	21097486	21338902	21415511	21283966	0.78	cps
Silver	109-1	433	367	458	419	11.30	cps
Silver	107-1	233	217	204	218	6.71	cps
Sodium	23-2	5229358	5193921	5216777	5213352	0.34	cps
Strontium	86-1	357213	355043	355023	355760	0.35	cps
Strontium	88-1	3087365	3128493	3157772	3124543	1.13	cps
Sulfur	34-1	457153	464748	461810	461237	0.83	cps
Terbium	159-1	2782129	2853721	2814902	2816917	1.27	cps
Terbium	159-2	1309779	1325436	1326719	1320645	0.71	cps
Thallium	203-1	142	150	175	156	11.15	cps
Thallium	205-1	442	342	425	403	13.30	cps
Thorium	232-1	67	39	61	56	26.46	cps
Tin	118-1	2867	2975	2909	2917	1.87	cps
Titanium	47-1	592	658	783	678	14.36	cps
Uranium	238-1	6193	6961	6885	6680	6.33	cps
Vanadium	51-2	2190	2410	2350	2317	4.91	cps
Yttrium	89-1	2588022	2646408	2626451	2620294	1.13	cps
Yttrium	89-2	338679	338596	341515	339597	0.49	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3814-01	Instrumnet Name :	P7
Client Sample ID :	LA119SW005-SW-19071	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:29:44	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1030	1037	1097	1055	3.48	cps
Zirconium	90-1	550	467	575	531	10.69	cps
Zirconium	91-1	108	83	83	92	15.74	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3814-02 Instrumnet Name : P7
 Client Sample ID : KY030OF016-SW-19071 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 16:33:22 DataFile Name : 039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	917	758	758	811	11.27	cps
Antimony	121-1	1709	1884	1767	1786	4.99	cps
Arsenic	75-2	185	187	202	191	4.77	cps
Barium	135-1	44547	44614	45358	44840	1.00	cps
Barium	137-1	78665	77458	77979	78034	0.78	cps
Beryllium	9-1	57	53	73	61	17.53	cps
Bismuth	209-1	1462666	1481931	1493826	1479474	1.06	cps
Bismuth	209-2	820703	803843	838797	821114	2.13	cps
Boron	10-1	34281	35334	37288	35635	4.28	cps
Boron	11-1	162961	165126	167798	165295	1.47	cps
Cadmium	111-1	690	468	545	568	19.95	cps
Cadmium	106-1	975	650	767	797	20.65	cps
Cadmium	108-1	13	0	13	8	86.60	cps
Calcium	43-1	1119229	1101096	1118092	1112806	0.91	cps
Calcium	44-1	17943444	17946271	18306956	18065557	1.16	cps
Chromium	52-2	1650	1637	1787	1691	4.91	cps
Cobalt	59-2	270	303	283	286	5.87	cps
Copper	63-2	3651	3654	4127	3811	7.20	cps
Dysprosium	156-1	50	25	42	39	32.73	cps
Dysprosium	156-2	27	17	7	17	59.99	cps
Erbium	164-1	8	25	8	14	69.31	cps
Erbium	164-2	7	10	3	7	50.03	cps
Gadolinium	160-1	50	50	50	50	0.00	cps
Gadolinium	160-2	67	80	57	68	17.27	cps
Holmium	165-1	2618471	2656303	2689094	2654622	1.33	cps
Holmium	165-2	1281216	1271250	1305943	1286136	1.39	cps
Indium	115-1	1844274	1844769	1861767	1850270	0.54	cps
Indium	115-2	341469	334299	346506	340758	1.80	cps
Iron	56-2	9998	10115	11049	10387	5.54	cps
Iron	57-2	5935	6302	5990	6075	3.25	cps
Krypton	83-1	93	77	113	94	19.44	cps
Lead	206-1	400	428	372	400	6.94	cps
Lead	207-1	372	339	272	328	15.54	cps
Lead	208-1	1533	1556	1361	1483	7.18	cps
Lithium	6-1	1369305	1363355	1361584	1364748	0.30	cps
Magnesium	24-2	741141	724922	738131	734732	1.17	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3814-02	Instrumnet Name :	P7
Client Sample ID :	KY0300F016-SW-19071	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:33:22	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	11481	11328	11938	11582	2.74	cps
Molybdenum	94-1	1042	1083	1167	1097	5.80	cps
Molybdenum	95-1	1750	1550	1583	1628	6.58	cps
Molybdenum	96-1	1742	1734	1725	1734	0.48	cps
Molybdenum	97-1	983	983	1042	1003	3.36	cps
Molybdenum	98-1	2575	2600	2425	2534	3.74	cps
Neodymium	150-1	20	13	27	20	33.35	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	480	463	513	486	5.24	cps
Phosphorus	31-2	158	158	208	175	16.50	cps
Potassium	39-2	309561	297401	311533	306165	2.50	cps
Rhodium	103-1	1810371	1829221	1837731	1825774	0.77	cps
Rhodium	103-2	851348	831372	857276	846665	1.60	cps
Scandium	45-1	2051349	2067127	2092903	2070460	1.01	cps
Scandium	45-2	84318	81322	83842	83161	1.94	cps
Selenium	77-2	3	7	7	6	34.70	cps
Selenium	78-2	15	24	30	23	32.78	cps
Selenium	82-1	63	78	36	59	35.82	cps
Silicon	28-1	20872192	20904807	21089818	20955606	0.56	cps
Silver	109-1	333	317	367	339	7.51	cps
Silver	107-1	175	167	58	133	48.81	cps
Sodium	23-2	5076118	4911212	5007245	4998192	1.66	cps
Strontium	86-1	357923	347981	356020	353975	1.49	cps
Strontium	88-1	3092991	3067864	3126709	3095855	0.95	cps
Sulfur	34-1	450954	449844	448067	449622	0.32	cps
Terbium	159-1	2796358	2864961	2862416	2841245	1.37	cps
Terbium	159-2	1306078	1275183	1318599	1299953	1.72	cps
Thallium	203-1	25	25	75	42	69.28	cps
Thallium	205-1	117	167	200	161	26.03	cps
Thorium	232-1	61	67	56	61	9.09	cps
Tin	118-1	3859	3559	3567	3662	4.67	cps
Titanium	47-1	650	558	700	636	11.29	cps
Uranium	238-1	6502	6410	6293	6402	1.63	cps
Vanadium	51-2	2147	1980	2177	2101	5.04	cps
Yttrium	89-1	2591764	2607920	2645703	2615129	1.06	cps
Yttrium	89-2	329388	321014	329569	326657	1.50	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3814-02	Instrumnet Name :	P7
Client Sample ID :	KY030OF016-SW-19071	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:33:22	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1483	1690	1733	1636	8.17	cps
Zirconium	90-1	642	400	533	525	23.06	cps
Zirconium	91-1	117	92	108	106	12.06	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3814-03 Instrumnet Name : P7
 Client Sample ID : KY030LC026-SW-19071; Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 16:36:57 DataFile Name : 040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	75	75	75	0.00	cps
Antimony	121-1	1700	2075	1767	1847	10.83	cps
Arsenic	75-2	159	200	174	178	11.60	cps
Barium	135-1	44313	44297	44171	44260	0.18	cps
Barium	137-1	77508	77384	76629	77174	0.62	cps
Beryllium	9-1	80	47	63	63	26.31	cps
Bismuth	209-1	1487332	1488445	1532524	1502767	1.72	cps
Bismuth	209-2	807613	811799	809291	809568	0.26	cps
Boron	10-1	34331	35743	34557	34877	2.17	cps
Boron	11-1	158330	161056	161792	160393	1.14	cps
Cadmium	111-1	628	637	576	614	5.36	cps
Cadmium	106-1	842	892	842	858	3.36	cps
Cadmium	108-1	4	0	25	10	137.74	cps
Calcium	43-1	1111133	1104804	1115942	1110626	0.50	cps
Calcium	44-1	17954216	17999274	18240922	18064804	0.85	cps
Chromium	52-2	1200	1283	1223	1236	3.48	cps
Cobalt	59-2	190	203	227	207	8.98	cps
Copper	63-2	3407	3387	3564	3453	2.80	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	7	17	0	8	107.84	cps
Erbium	164-1	0	0	0	0	0.00	cps
Erbium	164-2	7	10	3	7	50.03	cps
Gadolinium	160-1	17	17	8	14	34.67	cps
Gadolinium	160-2	40	37	27	34	20.14	cps
Holmium	165-1	2619788	2665336	2679555	2654893	1.18	cps
Holmium	165-2	1269499	1294316	1298080	1287298	1.21	cps
Indium	115-1	1832613	1840875	1882156	1851881	1.43	cps
Indium	115-2	333852	335301	335351	334835	0.25	cps
Iron	56-2	4957	4979	5079	5005	1.30	cps
Iron	57-2	5718	5835	5874	5809	1.39	cps
Krypton	83-1	103	100	93	99	5.15	cps
Lead	206-1	311	306	417	344	18.18	cps
Lead	207-1	367	250	317	311	18.81	cps
Lead	208-1	1411	1167	1289	1289	9.48	cps
Lithium	6-1	1334306	1330421	1340394	1335040	0.38	cps
Magnesium	24-2	701392	701282	710006	704226	0.71	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3814-03 Instrumnet Name : P7
 Client Sample ID : KY030LC026-SW-19071; Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 16:36:57 DataFile Name : 040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	8126	8286	8182	8198	0.99	cps
Molybdenum	94-1	958	1083	1075	1039	6.73	cps
Molybdenum	95-1	1742	1300	1450	1497	15.00	cps
Molybdenum	96-1	1558	1617	1884	1686	10.28	cps
Molybdenum	97-1	1167	942	1058	1056	10.66	cps
Molybdenum	98-1	2492	2834	2442	2589	8.24	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	10	0	0	3	173.21	cps
Nickel	60-2	437	377	413	409	7.40	cps
Phosphorus	31-2	75	92	117	94	22.21	cps
Potassium	39-2	285718	292600	288794	289037	1.19	cps
Rhodium	103-1	1792629	1802654	1821384	1805556	0.81	cps
Rhodium	103-2	825709	828381	837647	830579	0.75	cps
Scandium	45-1	2012382	2011533	2030590	2018168	0.53	cps
Scandium	45-2	79984	80544	80829	80452	0.53	cps
Selenium	77-2	10	13	13	12	15.73	cps
Selenium	78-2	15	15	17	15	6.96	cps
Selenium	82-1	34	59	60	51	29.27	cps
Silicon	28-1	20492200	20438123	20692898	20541074	0.65	cps
Silver	109-1	300	317	233	283	15.56	cps
Silver	107-1	108	158	83	117	32.73	cps
Sodium	23-2	4809492	4820258	4834900	4821550	0.26	cps
Strontium	86-1	355146	357672	351142	354653	0.93	cps
Strontium	88-1	3081846	3122311	3112747	3105634	0.68	cps
Sulfur	34-1	450060	445145	447200	447468	0.55	cps
Terbium	159-1	2810822	2849520	2914525	2858289	1.83	cps
Terbium	159-2	1289552	1295273	1311391	1298739	0.87	cps
Thallium	203-1	33	42	42	39	12.38	cps
Thallium	205-1	75	142	108	108	30.77	cps
Thorium	232-1	56	17	78	50	61.86	cps
Tin	118-1	2400	2409	2567	2459	3.82	cps
Titanium	47-1	633	508	592	578	11.02	cps
Uranium	238-1	6569	7152	7252	6991	5.28	cps
Vanadium	51-2	1967	2030	1947	1981	2.20	cps
Yttrium	89-1	2573288	2599741	2616495	2596508	0.84	cps
Yttrium	89-2	316427	318459	320395	318427	0.62	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3814-03	Instrumnet Name :	P7
Client Sample ID :	KY030LC026-SW-19071	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:36:57	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	763	740	847	783	7.16	cps
Zirconium	90-1	525	433	492	483	9.60	cps
Zirconium	91-1	100	100	108	103	4.68	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : CCV07 Instrumnet Name : P7
 Client Sample ID : CCV07 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 16:41:25 DataFile Name : 041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1804683	1809506	1830840	1815010	0.77	cps
Antimony	121-1	948484	952667	950118	950423	0.22	cps
Arsenic	75-2	43168	43242	44065	43491	1.14	cps
Barium	135-1	1346218	1360966	1345727	1350971	0.64	cps
Barium	137-1	2376367	2423015	2385441	2394941	1.03	cps
Beryllium	9-1	493097	498035	497391	496174	0.54	cps
Bismuth	209-1	1332883	1350786	1328450	1337373	0.88	cps
Bismuth	209-2	788953	799897	797541	795464	0.72	cps
Boron	10-1	88500	87872	89011	88461	0.65	cps
Boron	11-1	382147	389314	396002	389154	1.78	cps
Cadmium	111-1	301161	303049	300329	301513	0.46	cps
Cadmium	106-1	36799	35671	35103	35857	2.41	cps
Cadmium	108-1	24413	23875	23745	24011	1.47	cps
Calcium	43-1	2877577	2882842	2864568	2874996	0.33	cps
Calcium	44-1	45384816	45929178	45216495	45510163	0.82	cps
Chromium	52-2	446084	451428	451913	449808	0.72	cps
Cobalt	59-2	585225	589417	595241	589961	0.85	cps
Copper	63-2	782648	788644	798628	789973	1.02	cps
Dysprosium	156-1	25	33	33	31	15.74	cps
Dysprosium	156-2	40	70	37	49	37.55	cps
Erbium	164-1	8	8	0	6	86.60	cps
Erbium	164-2	13	3	3	7	86.65	cps
Gadolinium	160-1	33	67	0	33	100.01	cps
Gadolinium	160-2	73	63	47	61	22.04	cps
Holmium	165-1	2569629	2573063	2562881	2568524	0.20	cps
Holmium	165-2	1345256	1353280	1356066	1351534	0.42	cps
Indium	115-1	1704144	1722669	1687176	1704663	1.04	cps
Indium	115-2	344417	348934	345376	346242	0.69	cps
Iron	56-2	79930416	79651646	80164560	79915541	0.32	cps
Iron	57-2	2051646	2029022	2047935	2042868	0.59	cps
Krypton	83-1	113	67	87	89	26.34	cps
Lead	206-1	776571	763563	759563	766566	1.16	cps
Lead	207-1	698576	687944	688850	691790	0.85	cps
Lead	208-1	3133599	3142635	3110087	3128774	0.54	cps
Lithium	6-1	1247872	1256003	1244266	1249380	0.48	cps
Magnesium	24-2	20314949	20339816	20281753	20312173	0.14	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:41:25	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	499601	497823	501006	499477	0.32	cps
Molybdenum	94-1	2965966	3012140	2977835	2985314	0.80	cps
Molybdenum	95-1	3823607	3818183	3800722	3814171	0.31	cps
Molybdenum	96-1	4191405	4201542	4203939	4198962	0.16	cps
Molybdenum	97-1	2324742	2330268	2324211	2326407	0.14	cps
Molybdenum	98-1	6068171	6090774	6053148	6070698	0.31	cps
Neodymium	150-1	153	107	160	140	20.76	cps
Neodymium	150-2	23	20	33	26	27.15	cps
Nickel	60-2	146628	146233	148890	147250	0.97	cps
Phosphorus	31-2	19480	20239	20265	19995	2.23	cps
Potassium	39-2	9076579	9064445	9069615	9070213	0.07	cps
Rhodium	103-1	1657248	1670295	1668237	1665260	0.42	cps
Rhodium	103-2	794589	804806	809684	803026	0.96	cps
Scandium	45-1	1998272	2015810	2013557	2009213	0.47	cps
Scandium	45-2	85344	84496	85672	85171	0.71	cps
Selenium	77-2	1173	1080	1147	1133	4.24	cps
Selenium	78-2	4006	4001	4101	4036	1.39	cps
Selenium	82-1	27217	26973	27061	27084	0.46	cps
Silicon	28-1	1751064	1827500	1851669	1810078	2.90	cps
Silver	109-1	1274437	1277485	1275337	1275753	0.12	cps
Silver	107-1	708214	703919	694497	702210	1.00	cps
Sodium	23-2	41402141	41209217	41045619	41218992	0.43	cps
Strontium	86-1	417418	421795	411988	417067	1.18	cps
Strontium	88-1	3575283	3614958	3570524	3586922	0.68	cps
Sulfur	34-1	412776	408961	405363	409033	0.91	cps
Terbium	159-1	2748987	2765478	2764523	2759662	0.34	cps
Terbium	159-2	1343485	1364457	1361976	1356639	0.84	cps
Thallium	203-1	940855	944103	942004	942321	0.17	cps
Thallium	205-1	2333069	2287479	2282099	2300882	1.22	cps
Thorium	232-1	4038641	4017039	3988924	4014868	0.62	cps
Tin	118-1	825490	833730	824539	827920	0.61	cps
Titanium	47-1	1438991	1437585	1437103	1437893	0.07	cps
Uranium	238-1	3950407	4011064	3898983	3953484	1.42	cps
Vanadium	51-2	383794	385526	385801	385041	0.28	cps
Yttrium	89-1	2499112	2535666	2506538	2513772	0.77	cps
Yttrium	89-2	341392	343335	346088	343605	0.69	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:41:25	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	121981	123631	122599	122737	0.68	cps
Zirconium	90-1	2309246	2329743	2297847	2312278	0.70	cps
Zirconium	91-1	502711	504025	496802	501179	0.77	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : CCB07 Instrumnet Name : P7
 Client Sample ID : CCB07 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 16:47:26 DataFile Name : 042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	0	42	28	86.60	cps
Antimony	121-1	242	317	300	286	13.76	cps
Arsenic	75-2	6	6	4	5	21.74	cps
Barium	135-1	33	33	8	25	57.74	cps
Barium	137-1	25	25	42	31	31.50	cps
Beryllium	9-1	70	53	83	69	21.82	cps
Bismuth	209-1	1506895	1495337	1509597	1503943	0.50	cps
Bismuth	209-2	868398	873590	874902	872297	0.39	cps
Boron	10-1	2834	3017	2575	2809	7.90	cps
Boron	11-1	13073	12064	12581	12572	4.01	cps
Cadmium	111-1	714	694	542	650	14.50	cps
Cadmium	106-1	1008	950	758	906	14.44	cps
Cadmium	108-1	0	13	8	7	91.66	cps
Calcium	43-1	42	83	58	61	34.32	cps
Calcium	44-1	4142	3551	3567	3753	8.98	cps
Chromium	52-2	267	253	200	240	14.70	cps
Cobalt	59-2	3	7	0	3	100.05	cps
Copper	63-2	310	270	247	276	11.62	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	8	8	0	6	86.60	cps
Erbium	164-2	0	7	3	3	100.05	cps
Gadolinium	160-1	25	0	17	14	91.65	cps
Gadolinium	160-2	30	70	40	47	44.61	cps
Holmium	165-1	2589376	2598288	2564369	2584011	0.68	cps
Holmium	165-2	1327570	1333778	1340723	1334023	0.49	cps
Indium	115-1	1842284	1847137	1816766	1835396	0.89	cps
Indium	115-2	356261	363087	358500	359283	0.97	cps
Iron	56-2	2111	2167	2072	2117	2.24	cps
Iron	57-2	67	111	78	85	27.15	cps
Krypton	83-1	53	90	107	83	32.75	cps
Lead	206-1	117	150	133	133	12.50	cps
Lead	207-1	111	150	117	126	16.70	cps
Lead	208-1	533	578	517	543	5.82	cps
Lithium	6-1	1333590	1316073	1292018	1313894	1.59	cps
Magnesium	24-2	333	242	200	258	26.40	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:47:26	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7	7	13	9	43.25	cps
Molybdenum	94-1	325	167	217	236	34.28	cps
Molybdenum	95-1	208	192	267	222	17.72	cps
Molybdenum	96-1	342	250	283	292	15.91	cps
Molybdenum	97-1	150	125	108	128	16.41	cps
Molybdenum	98-1	508	350	342	400	23.48	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	10	10	7	9	21.63	cps
Phosphorus	31-2	42	42	33	39	12.38	cps
Potassium	39-2	7577	7477	7327	7460	1.69	cps
Rhodium	103-1	1855486	1845321	1819160	1839989	1.02	cps
Rhodium	103-2	860813	877720	873397	870643	1.01	cps
Scandium	45-1	2034331	2023463	1997122	2018305	0.95	cps
Scandium	45-2	82505	83855	82910	83090	0.83	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	13	20	9	14	39.85	cps
Selenium	82-1	48	6	-15	13	247.81	cps
Silicon	28-1	81898	79160	80482	80513	1.70	cps
Silver	109-1	317	308	175	267	29.81	cps
Silver	107-1	142	113	188	147	25.68	cps
Sodium	23-2	10504	11138	10446	10696	3.59	cps
Strontium	86-1	142	125	175	147	17.29	cps
Strontium	88-1	108	50	25	61	69.98	cps
Sulfur	34-1	192899	190174	190984	191352	0.73	cps
Terbium	159-1	2794620	2795769	2756942	2782444	0.79	cps
Terbium	159-2	1323040	1338629	1348434	1336701	0.96	cps
Thallium	203-1	75	92	100	89	14.32	cps
Thallium	205-1	225	275	217	239	13.21	cps
Thorium	232-1	289	383	339	337	14.02	cps
Tin	118-1	217	208	125	183	27.65	cps
Titanium	47-1	42	42	25	36	26.65	cps
Uranium	238-1	83	33	33	50	57.75	cps
Vanadium	51-2	7	23	3	11	96.43	cps
Yttrium	89-1	2573681	2573344	2538512	2561846	0.79	cps
Yttrium	89-2	330617	336623	336930	334723	1.06	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:47:26	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	60	70	47	59	19.88	cps
Zirconium	90-1	350	233	333	306	20.65	cps
Zirconium	91-1	33	83	58	58	42.86	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3814-04 Instrumnet Name : P7
 Client Sample ID : KY030OF006-SW-19071 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 16:51:01 DataFile Name : 043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	308	375	308	331	11.64	cps
Antimony	121-1	2625	2559	1984	2389	14.77	cps
Arsenic	75-2	152	141	148	147	3.85	cps
Barium	135-1	33976	34953	35413	34781	2.11	cps
Barium	137-1	59837	61579	61830	61082	1.78	cps
Beryllium	9-1	63	77	53	64	18.17	cps
Bismuth	209-1	1418238	1462246	1473715	1451400	2.02	cps
Bismuth	209-2	812570	807943	815781	812098	0.49	cps
Boron	10-1	36930	37848	37748	37509	1.34	cps
Boron	11-1	165809	169532	172650	169330	2.02	cps
Cadmium	111-1	689	690	588	656	8.90	cps
Cadmium	106-1	892	900	775	856	8.17	cps
Cadmium	108-1	8	4	0	4	99.96	cps
Calcium	43-1	1061611	1071505	1069151	1067422	0.48	cps
Calcium	44-1	17050793	17437621	17441831	17310082	1.30	cps
Chromium	52-2	1653	1540	1667	1620	4.30	cps
Cobalt	59-2	207	157	223	196	17.74	cps
Copper	63-2	3054	3164	3070	3096	1.92	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	8	8	0	6	86.60	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	17	8	8	11	43.34	cps
Gadolinium	160-2	20	33	43	32	36.33	cps
Holmium	165-1	2479984	2585734	2590360	2552026	2.45	cps
Holmium	165-2	1279130	1285576	1289029	1284578	0.39	cps
Indium	115-1	1742633	1786401	1830688	1786574	2.46	cps
Indium	115-2	330815	333240	340935	334997	1.58	cps
Iron	56-2	8803	8769	9164	8912	2.46	cps
Iron	57-2	5679	6051	6229	5987	4.69	cps
Krypton	83-1	97	97	90	94	4.08	cps
Lead	206-1	478	578	561	539	9.94	cps
Lead	207-1	528	383	417	443	17.09	cps
Lead	208-1	2067	2167	1889	2041	6.89	cps
Lithium	6-1	1317664	1341220	1334242	1331042	0.91	cps
Magnesium	24-2	767651	765356	768610	767206	0.22	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3814-04 Instrumnet Name : P7
 Client Sample ID : KY030OF006-SW-19071 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 16:51:01 DataFile Name : 043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	22961	22217	22988	22722	1.93	cps
Molybdenum	94-1	1000	992	883	958	6.79	cps
Molybdenum	95-1	1283	1292	1308	1295	0.98	cps
Molybdenum	96-1	1483	1508	1558	1517	2.52	cps
Molybdenum	97-1	900	892	850	881	3.04	cps
Molybdenum	98-1	2259	2017	1975	2084	7.34	cps
Neodymium	150-1	13	20	7	13	49.99	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	193	197	190	193	1.72	cps
Phosphorus	31-2	125	108	108	114	8.45	cps
Potassium	39-2	158470	160288	160628	159796	0.73	cps
Rhodium	103-1	1719934	1754865	1781444	1752081	1.76	cps
Rhodium	103-2	826712	821945	836321	828326	0.88	cps
Scandium	45-1	1924715	1950498	2004787	1960000	2.09	cps
Scandium	45-2	78805	79190	79421	79139	0.39	cps
Selenium	77-2	3	7	10	7	50.03	cps
Selenium	78-2	28	24	24	25	8.46	cps
Selenium	82-1	112	119	95	109	11.39	cps
Silicon	28-1	24619625	24757853	24842138	24739872	0.45	cps
Silver	109-1	842	750	617	736	15.37	cps
Silver	107-1	454	508	325	429	21.95	cps
Sodium	23-2	4491954	4463600	4510499	4488684	0.53	cps
Strontium	86-1	495074	505856	504373	501768	1.16	cps
Strontium	88-1	4364580	4394524	4459643	4406249	1.10	cps
Sulfur	34-1	399816	400640	395059	398505	0.76	cps
Terbium	159-1	2683678	2777509	2787826	2749671	2.09	cps
Terbium	159-2	1282817	1279581	1316395	1292931	1.58	cps
Thallium	203-1	383	242	208	278	33.45	cps
Thallium	205-1	675	467	625	589	18.47	cps
Thorium	232-1	356	372	456	394	13.58	cps
Tin	118-1	4143	4234	4426	4267	3.39	cps
Titanium	47-1	775	600	767	714	13.83	cps
Uranium	238-1	7819	8570	8345	8245	4.67	cps
Vanadium	51-2	1977	1833	1944	1918	3.91	cps
Yttrium	89-1	2455976	2529861	2560049	2515295	2.13	cps
Yttrium	89-2	318493	316240	325421	320052	1.50	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3814-04	Instrumnet Name :	P7
Client Sample ID :	KY030OF006-SW-19071	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:51:01	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1213	1257	1203	1225	2.32	cps
Zirconium	90-1	658	708	592	653	8.97	cps
Zirconium	91-1	117	150	142	136	12.75	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3814-05 Instrumnet Name : P7
 Client Sample ID : KY030LC058-SW-19071; Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 16:54:37 DataFile Name : 044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	133	108	117	12.37	cps
Antimony	121-1	1884	1767	2084	1911	8.38	cps
Arsenic	75-2	198	183	185	189	4.27	cps
Barium	135-1	46253	45994	45216	45821	1.18	cps
Barium	137-1	79905	79478	80324	79902	0.53	cps
Beryllium	9-1	43	73	47	54	30.20	cps
Bismuth	209-1	1458694	1467781	1483783	1470086	0.86	cps
Bismuth	209-2	789187	804922	805562	799890	1.16	cps
Boron	10-1	34323	33688	34975	34329	1.87	cps
Boron	11-1	155476	158859	161373	158569	1.87	cps
Cadmium	111-1	610	618	668	632	4.97	cps
Cadmium	106-1	858	833	925	872	5.43	cps
Cadmium	108-1	17	4	13	11	57.27	cps
Calcium	43-1	1111893	1101930	1106337	1106720	0.45	cps
Calcium	44-1	17849960	17939420	18090695	17960025	0.68	cps
Chromium	52-2	1387	1250	1233	1290	6.52	cps
Cobalt	59-2	207	223	210	213	4.13	cps
Copper	63-2	3864	3644	3867	3792	3.38	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	3	0	23	9	142.00	cps
Erbium	164-1	8	17	17	14	34.67	cps
Erbium	164-2	3	10	0	4	114.60	cps
Gadolinium	160-1	33	25	17	25	33.32	cps
Gadolinium	160-2	40	53	30	41	28.47	cps
Holmium	165-1	2583837	2610782	2642662	2612427	1.13	cps
Holmium	165-2	1258034	1274716	1260655	1264469	0.71	cps
Indium	115-1	1793217	1801971	1831101	1808763	1.10	cps
Indium	115-2	330473	329315	328811	329533	0.26	cps
Iron	56-2	5190	5468	5807	5488	5.63	cps
Iron	57-2	5679	6090	5818	5862	3.57	cps
Krypton	83-1	147	87	127	120	25.46	cps
Lead	206-1	339	311	394	348	12.19	cps
Lead	207-1	339	278	272	296	12.48	cps
Lead	208-1	1439	1356	1383	1393	3.05	cps
Lithium	6-1	1305215	1295284	1310475	1303658	0.59	cps
Magnesium	24-2	683424	692105	679734	685088	0.93	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3814-05 Instrumnet Name : P7
 Client Sample ID : KY030LC058-SW-19071 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 16:54:37 DataFile Name : 044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7745	7889	7822	7819	0.92	cps
Molybdenum	94-1	1175	1292	1242	1236	4.74	cps
Molybdenum	95-1	1742	1667	1759	1722	2.83	cps
Molybdenum	96-1	1792	1667	1950	1803	7.88	cps
Molybdenum	97-1	783	950	1108	947	17.16	cps
Molybdenum	98-1	2792	2784	2534	2703	5.43	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	3	10	0	4	114.60	cps
Nickel	60-2	480	390	450	440	10.42	cps
Phosphorus	31-2	92	42	83	72	37.09	cps
Potassium	39-2	287603	288865	284453	286974	0.79	cps
Rhodium	103-1	1764975	1780003	1797934	1780971	0.93	cps
Rhodium	103-2	812206	819671	814127	815335	0.48	cps
Scandium	45-1	1936074	1958179	1981177	1958477	1.15	cps
Scandium	45-2	77863	78641	77478	77994	0.76	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	22	22	15	20	21.66	cps
Selenium	82-1	-7	54	-17	10	382.81	cps
Silicon	28-1	20873729	20929012	21102895	20968546	0.57	cps
Silver	109-1	358	267	350	325	15.60	cps
Silver	107-1	229	258	150	213	26.38	cps
Sodium	23-2	4826766	4822537	4750269	4799857	0.90	cps
Strontium	86-1	349853	347604	353648	350368	0.87	cps
Strontium	88-1	3041816	3071161	3098034	3070337	0.92	cps
Sulfur	34-1	432708	437276	435113	435032	0.53	cps
Terbium	159-1	2752785	2825163	2840673	2806207	1.67	cps
Terbium	159-2	1278834	1291609	1282592	1284345	0.51	cps
Thallium	203-1	125	67	83	92	32.78	cps
Thallium	205-1	275	133	167	192	38.64	cps
Thorium	232-1	178	194	172	181	6.37	cps
Tin	118-1	2834	2792	2917	2848	2.24	cps
Titanium	47-1	583	700	717	667	10.90	cps
Uranium	238-1	6919	6894	7186	6999	2.31	cps
Vanadium	51-2	1820	1943	1877	1880	3.28	cps
Yttrium	89-1	2491794	2543342	2577289	2537475	1.70	cps
Yttrium	89-2	314548	313137	313390	313692	0.24	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3814-05	Instrumnet Name :	P7
Client Sample ID :	KY030LC058-SW-19071	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:54:37	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	717	690	693	700	2.08	cps
Zirconium	90-1	517	600	525	547	8.39	cps
Zirconium	91-1	175	142	150	156	11.15	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3814-06 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SW-19071; Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 16:58:14 DataFile Name : 045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	133	183	158	15.79	cps
Antimony	121-1	1850	1800	1867	1839	1.89	cps
Arsenic	75-2	161	172	165	166	3.41	cps
Barium	135-1	51145	49431	50643	50406	1.75	cps
Barium	137-1	90226	88750	90721	89899	1.14	cps
Beryllium	9-1	73	57	53	61	17.53	cps
Bismuth	209-1	1467415	1457785	1456123	1460441	0.42	cps
Bismuth	209-2	790698	787466	794484	790883	0.44	cps
Boron	10-1	42611	43255	44525	43464	2.24	cps
Boron	11-1	197764	198327	201864	199318	1.12	cps
Cadmium	111-1	585	554	649	596	8.14	cps
Cadmium	106-1	800	800	883	828	5.81	cps
Cadmium	108-1	13	21	4	13	66.64	cps
Calcium	43-1	1239323	1225997	1227250	1230857	0.60	cps
Calcium	44-1	20353241	20186119	20336701	20292020	0.45	cps
Chromium	52-2	1320	1240	1443	1335	7.68	cps
Cobalt	59-2	380	390	390	387	1.49	cps
Copper	63-2	3397	3737	3701	3612	5.17	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	3	10	10	8	49.52	cps
Erbium	164-1	17	25	33	25	33.34	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	25	17	0	14	91.65	cps
Gadolinium	160-2	23	30	20	24	20.83	cps
Holmium	165-1	2599322	2626198	2612051	2612524	0.51	cps
Holmium	165-2	1259592	1257421	1267751	1261588	0.43	cps
Indium	115-1	1782634	1788694	1793779	1788369	0.31	cps
Indium	115-2	323606	325527	325653	324929	0.35	cps
Iron	56-2	8064	7669	7519	7750	3.63	cps
Iron	57-2	6735	6407	6479	6541	2.63	cps
Krypton	83-1	97	87	93	92	5.52	cps
Lead	206-1	439	411	417	422	3.48	cps
Lead	207-1	356	383	367	369	3.79	cps
Lead	208-1	1567	1667	1672	1635	3.63	cps
Lithium	6-1	1285140	1269995	1272939	1276024	0.63	cps
Magnesium	24-2	712992	697977	702090	704353	1.10	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3814-06 Instrumnet Name : P7
 Client Sample ID : KY030LC066-SW-19071; Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 16:58:14 DataFile Name : 045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	30532	30121	29804	30152	1.21	cps
Molybdenum	94-1	4092	4109	4151	4117	0.73	cps
Molybdenum	95-1	1600	1408	1408	1472	7.52	cps
Molybdenum	96-1	1859	2100	1817	1925	7.95	cps
Molybdenum	97-1	858	892	792	847	6.01	cps
Molybdenum	98-1	2117	2325	2025	2156	7.13	cps
Neodymium	150-1	7	0	20	9	114.55	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	570	563	593	576	2.74	cps
Phosphorus	31-2	75	142	100	106	31.91	cps
Potassium	39-2	217284	216990	212771	215682	1.17	cps
Rhodium	103-1	1764771	1748582	1750693	1754682	0.50	cps
Rhodium	103-2	799221	802349	799678	800416	0.21	cps
Scandium	45-1	1912734	1881056	1872639	1888809	1.12	cps
Scandium	45-2	76510	74754	76751	76005	1.43	cps
Selenium	77-2	3	10	7	7	50.03	cps
Selenium	78-2	37	15	20	24	48.06	cps
Selenium	82-1	95	92	63	83	20.84	cps
Silicon	28-1	23514740	23362063	23158639	23345147	0.77	cps
Silver	109-1	242	283	325	283	14.70	cps
Silver	107-1	163	208	138	169	21.20	cps
Sodium	23-2	7499766	7400929	7394170	7431622	0.80	cps
Strontium	86-1	425410	422572	418462	422148	0.83	cps
Strontium	88-1	3758831	3698643	3679916	3712463	1.11	cps
Sulfur	34-1	580896	563113	564632	569547	1.73	cps
Terbium	159-1	2794283	2778874	2812600	2795252	0.60	cps
Terbium	159-2	1274204	1253840	1277371	1268472	1.01	cps
Thallium	203-1	92	25	50	56	60.62	cps
Thallium	205-1	133	150	175	153	13.73	cps
Thorium	232-1	172	139	156	156	10.72	cps
Tin	118-1	2342	2384	2350	2359	0.93	cps
Titanium	47-1	633	567	508	569	10.98	cps
Uranium	238-1	9496	9229	9379	9368	1.43	cps
Vanadium	51-2	1810	2007	1950	1922	5.27	cps
Yttrium	89-1	2502522	2466572	2503431	2490842	0.84	cps
Yttrium	89-2	306940	305648	309619	307403	0.66	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3814-06	Instrumnet Name :	P7
Client Sample ID :	KY030LC066-SW-19071	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 16:58:14	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	773	747	707	742	4.52	cps
Zirconium	90-1	8628	8978	8470	8692	2.99	cps
Zirconium	91-1	2142	1892	2050	2028	6.24	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3732-01 Instrumnet Name : P7
 Client Sample ID : KY030LC068-SW-190709 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 17:01:50 DataFile Name : 046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	92	83	83	10.00	cps
Antimony	121-1	1892	1850	1934	1892	2.20	cps
Arsenic	75-2	176	178	152	169	8.58	cps
Barium	135-1	46144	45325	45041	45503	1.26	cps
Barium	137-1	80718	78765	78364	79282	1.59	cps
Beryllium	9-1	43	50	63	52	19.50	cps
Bismuth	209-1	1480341	1492538	1459867	1477582	1.12	cps
Bismuth	209-2	796281	790318	795841	794146	0.42	cps
Boron	10-1	34315	34474	33923	34237	0.83	cps
Boron	11-1	153490	156915	154018	154808	1.19	cps
Cadmium	111-1	592	666	493	584	14.87	cps
Cadmium	106-1	800	892	667	786	14.39	cps
Cadmium	108-1	8	0	4	4	99.96	cps
Calcium	43-1	1046669	1044540	1017737	1036315	1.56	cps
Calcium	44-1	17116275	16996556	16727667	16946833	1.17	cps
Chromium	52-2	1360	1230	1290	1293	5.03	cps
Cobalt	59-2	207	207	190	201	4.79	cps
Copper	63-2	1757	1937	1920	1871	5.32	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	0	8	17	8	100.02	cps
Erbium	164-2	3	3	10	6	69.34	cps
Gadolinium	160-1	50	0	0	17	173.21	cps
Gadolinium	160-2	47	23	23	31	43.32	cps
Holmium	165-1	2633480	2613319	2595806	2614202	0.72	cps
Holmium	165-2	1253637	1246116	1250950	1250234	0.30	cps
Indium	115-1	1785388	1794169	1784044	1787867	0.31	cps
Indium	115-2	322439	321716	322025	322060	0.11	cps
Iron	56-2	7497	7280	7258	7345	1.80	cps
Iron	57-2	5568	5312	5318	5399	2.70	cps
Krypton	83-1	107	90	63	87	25.22	cps
Lead	206-1	306	272	306	294	6.54	cps
Lead	207-1	289	267	244	267	8.33	cps
Lead	208-1	1289	1139	1128	1185	7.59	cps
Lithium	6-1	1264721	1260429	1235535	1253562	1.26	cps
Magnesium	24-2	773563	769863	765352	769592	0.53	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3732-01 Instrumnet Name : P7
 Client Sample ID : KY030LC068-SW-190709 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 17:01:50 DataFile Name : 046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	8503	8543	8413	8486	0.79	cps
Molybdenum	94-1	908	1033	875	939	8.89	cps
Molybdenum	95-1	1450	1233	1308	1331	8.27	cps
Molybdenum	96-1	1367	1617	1700	1561	11.11	cps
Molybdenum	97-1	942	700	850	831	14.69	cps
Molybdenum	98-1	2050	2050	2092	2064	1.17	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	390	330	417	379	11.72	cps
Phosphorus	31-2	117	233	175	175	33.33	cps
Potassium	39-2	251661	251810	255386	252952	0.83	cps
Rhodium	103-1	1736753	1765007	1750868	1750876	0.81	cps
Rhodium	103-2	799967	792245	796906	796373	0.49	cps
Scandium	45-1	1904016	1867301	1854234	1875184	1.38	cps
Scandium	45-2	73709	73374	74764	73949	0.98	cps
Selenium	77-2	3	13	3	7	86.65	cps
Selenium	78-2	17	20	17	18	11.93	cps
Selenium	82-1	46	64	87	66	31.04	cps
Silicon	28-1	20932148	20806135	20605839	20781374	0.79	cps
Silver	109-1	217	275	250	247	11.84	cps
Silver	107-1	183	204	142	176	18.04	cps
Sodium	23-2	4359262	4380359	4359169	4366263	0.28	cps
Strontium	86-1	433533	425431	422914	427293	1.30	cps
Strontium	88-1	3749747	3808027	3741914	3766563	0.96	cps
Sulfur	34-1	420125	418570	412432	417042	0.98	cps
Terbium	159-1	2788960	2813023	2805235	2802406	0.44	cps
Terbium	159-2	1262451	1256689	1280164	1266435	0.97	cps
Thallium	203-1	50	0	92	47	97.19	cps
Thallium	205-1	92	67	58	72	24.02	cps
Thorium	232-1	128	111	94	111	15.00	cps
Tin	118-1	1842	2017	1900	1920	4.64	cps
Titanium	47-1	467	458	492	472	3.67	cps
Uranium	238-1	8103	7402	7569	7692	4.76	cps
Vanadium	51-2	2230	2127	2140	2166	2.60	cps
Yttrium	89-1	2491622	2487670	2482494	2487262	0.18	cps
Yttrium	89-2	305035	303457	306895	305129	0.56	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3732-01	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-SW-190709	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 17:01:50	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	720	687	630	679	6.70	cps
Zirconium	90-1	533	358	408	433	20.80	cps
Zirconium	91-1	125	100	117	114	11.18	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3732-01DUP Instrumnet Name : P7
 Client Sample ID : KY030LC068-SW-190709 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 17:05:26 DataFile Name : 047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	58	42	47	20.38	cps
Antimony	121-1	2175	1675	1875	1909	13.19	cps
Arsenic	75-2	176	167	163	169	3.96	cps
Barium	135-1	44957	45317	45291	45188	0.44	cps
Barium	137-1	79310	79788	79604	79567	0.30	cps
Beryllium	9-1	67	53	77	66	17.86	cps
Bismuth	209-1	1460257	1480059	1494885	1478400	1.18	cps
Bismuth	209-2	794659	792935	791083	792892	0.23	cps
Boron	10-1	32310	33187	33104	32867	1.47	cps
Boron	11-1	147916	150012	152123	150017	1.40	cps
Cadmium	111-1	553	518	530	534	3.42	cps
Cadmium	106-1	767	700	725	731	4.61	cps
Cadmium	108-1	0	8	4	4	99.96	cps
Calcium	43-1	1013681	1005196	1011094	1009990	0.43	cps
Calcium	44-1	16251346	16398608	16653798	16434584	1.24	cps
Chromium	52-2	1237	1157	1413	1269	10.35	cps
Cobalt	59-2	200	213	230	214	7.01	cps
Copper	63-2	1830	1760	1890	1827	3.56	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	25	25	0	17	86.60	cps
Erbium	164-2	10	0	17	9	94.38	cps
Gadolinium	160-1	0	17	17	11	86.60	cps
Gadolinium	160-2	47	43	13	34	53.31	cps
Holmium	165-1	2560228	2593622	2638448	2597433	1.51	cps
Holmium	165-2	1250262	1257334	1249267	1252288	0.35	cps
Indium	115-1	1746396	1747194	1785655	1759749	1.28	cps
Indium	115-2	317695	322719	321385	320600	0.81	cps
Iron	56-2	7141	7369	7552	7354	2.80	cps
Iron	57-2	5090	5296	5357	5247	2.66	cps
Krypton	83-1	53	77	110	80	35.60	cps
Lead	206-1	344	289	239	291	18.16	cps
Lead	207-1	339	250	244	278	19.08	cps
Lead	208-1	1317	1083	1044	1148	12.82	cps
Lithium	6-1	1227360	1234898	1248466	1236908	0.86	cps
Magnesium	24-2	755200	759958	752115	755757	0.52	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3732-01DUP Instrumnet Name : P7
 Client Sample ID : KY030LC068-SW-190709 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 17:05:26 DataFile Name : 047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	8626	8222	8172	8340	2.98	cps
Molybdenum	94-1	1000	800	933	911	11.18	cps
Molybdenum	95-1	1533	1475	1317	1442	7.78	cps
Molybdenum	96-1	1592	1592	1633	1606	1.50	cps
Molybdenum	97-1	767	783	817	789	3.23	cps
Molybdenum	98-1	2425	2125	2200	2250	6.94	cps
Neodymium	150-1	27	13	13	18	43.33	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	387	367	370	374	2.86	cps
Phosphorus	31-2	225	175	175	192	15.06	cps
Potassium	39-2	246510	250802	247262	248191	0.92	cps
Rhodium	103-1	1699056	1724391	1752064	1725170	1.54	cps
Rhodium	103-2	791128	800438	796575	796047	0.59	cps
Scandium	45-1	1820182	1815761	1831923	1822622	0.46	cps
Scandium	45-2	73940	73240	72838	73339	0.76	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	17	24	13	18	31.60	cps
Selenium	82-1	103	80	55	80	30.15	cps
Silicon	28-1	20160780	20106415	20376020	20214405	0.71	cps
Silver	109-1	258	250	175	228	20.15	cps
Silver	107-1	138	75	196	136	44.40	cps
Sodium	23-2	4324178	4270857	4265953	4286996	0.75	cps
Strontium	86-1	414194	418055	419527	417259	0.66	cps
Strontium	88-1	3699058	3636023	3727321	3687467	1.27	cps
Sulfur	34-1	414049	407776	407775	409867	0.88	cps
Terbium	159-1	2754793	2776321	2836150	2789088	1.51	cps
Terbium	159-2	1252901	1265877	1267350	1262043	0.63	cps
Thallium	203-1	25	42	58	42	40.00	cps
Thallium	205-1	75	100	75	83	17.32	cps
Thorium	232-1	94	94	94	94	0.00	cps
Tin	118-1	1925	1909	2092	1975	5.13	cps
Titanium	47-1	617	567	500	561	10.43	cps
Uranium	238-1	7619	7686	7969	7758	2.40	cps
Vanadium	51-2	2374	2247	2137	2252	5.26	cps
Yttrium	89-1	2431440	2428133	2493342	2450972	1.50	cps
Yttrium	89-2	301618	303870	301157	302215	0.48	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3732-01DUP	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-SW-190709	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 17:05:26	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	797	717	750	754	5.33	cps
Zirconium	90-1	367	400	317	361	11.62	cps
Zirconium	91-1	67	50	75	64	19.92	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3732-01LX5 Instrumnet Name : P7
 Client Sample ID : KY030LC068-SW-190709 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-17 17:09:03 DataFile Name : 048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	33	17	25	33.32	cps
Antimony	121-1	492	550	542	528	5.98	cps
Arsenic	75-2	39	31	28	33	17.29	cps
Barium	135-1	9162	9479	8828	9156	3.55	cps
Barium	137-1	16685	16961	16444	16697	1.55	cps
Beryllium	9-1	57	67	70	64	10.76	cps
Bismuth	209-1	1584360	1577002	1566546	1575970	0.57	cps
Bismuth	209-2	856177	861631	878170	865326	1.32	cps
Boron	10-1	8953	9103	9078	9045	0.89	cps
Boron	11-1	42469	42628	40689	41928	2.57	cps
Cadmium	111-1	540	594	530	555	6.18	cps
Cadmium	106-1	758	825	750	778	5.29	cps
Cadmium	108-1	4	0	4	3	86.60	cps
Calcium	43-1	220156	216807	216029	217664	1.01	cps
Calcium	44-1	3523005	3516433	3481404	3506947	0.64	cps
Chromium	52-2	427	483	417	442	8.13	cps
Cobalt	59-2	43	57	50	50	13.34	cps
Copper	63-2	630	703	657	663	5.60	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	8	0	17	8	100.02	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	8	17	0	8	100.02	cps
Gadolinium	160-2	40	40	63	48	28.19	cps
Holmium	165-1	2716393	2730482	2695191	2714022	0.65	cps
Holmium	165-2	1328331	1325717	1325245	1326431	0.13	cps
Indium	115-1	1884340	1873622	1888415	1882125	0.41	cps
Indium	115-2	341443	349221	347679	346114	1.19	cps
Iron	56-2	2511	2234	2623	2456	8.16	cps
Iron	57-2	1295	1356	1161	1270	7.83	cps
Krypton	83-1	67	80	110	86	25.94	cps
Lead	206-1	111	150	106	122	19.82	cps
Lead	207-1	183	111	117	137	29.33	cps
Lead	208-1	600	617	511	576	9.85	cps
Lithium	6-1	1294180	1271343	1265020	1276847	1.20	cps
Magnesium	24-2	165251	164095	165049	164798	0.37	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3732-01LX5 Instrumnet Name : P7
 Client Sample ID : KY030LC068-SW-190709 Dilution Factor : 5
 Date & Time Acquired :: 2019-07-17 17:09:03 DataFile Name : 048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1880	1850	1797	1842	2.29	cps
Molybdenum	94-1	308	300	233	281	14.65	cps
Molybdenum	95-1	242	383	292	306	23.51	cps
Molybdenum	96-1	325	283	342	317	9.49	cps
Molybdenum	97-1	175	158	283	206	33.02	cps
Molybdenum	98-1	458	458	558	492	11.74	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	113	87	123	108	17.59	cps
Phosphorus	31-2	42	25	58	42	40.00	cps
Potassium	39-2	57713	59336	60139	59063	2.09	cps
Rhodium	103-1	1856509	1842024	1845404	1847979	0.41	cps
Rhodium	103-2	839658	852718	855558	849311	1.00	cps
Scandium	45-1	1949156	1925104	1890575	1921611	1.53	cps
Scandium	45-2	76919	79257	78135	78104	1.50	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	11	6	19	12	55.43	cps
Selenium	82-1	44	11	-12	14	197.88	cps
Silicon	28-1	4356856	4343959	4355105	4351973	0.16	cps
Silver	109-1	75	100	50	75	33.33	cps
Silver	107-1	121	17	100	79	69.62	cps
Sodium	23-2	924222	931134	940972	932109	0.90	cps
Strontium	86-1	88967	87575	87240	87927	1.04	cps
Strontium	88-1	758875	753474	748669	753673	0.68	cps
Sulfur	34-1	233494	233703	234093	233763	0.13	cps
Terbium	159-1	2901431	2888595	2875143	2888390	0.46	cps
Terbium	159-2	1330544	1337825	1339493	1335954	0.36	cps
Thallium	203-1	17	33	25	25	33.32	cps
Thallium	205-1	42	25	100	56	70.88	cps
Thorium	232-1	50	61	56	56	10.00	cps
Tin	118-1	367	442	333	381	14.58	cps
Titanium	47-1	175	108	100	128	32.17	cps
Uranium	238-1	1767	1600	1442	1603	10.14	cps
Vanadium	51-2	600	647	640	629	4.01	cps
Yttrium	89-1	2580794	2578271	2555394	2571486	0.54	cps
Yttrium	89-2	317220	321681	326053	321651	1.37	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3732-01LX5	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-SW-190709	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 17:09:03	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	227	227	260	238	8.10	cps
Zirconium	90-1	250	233	242	242	3.45	cps
Zirconium	91-1	17	83	67	56	62.45	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3732-02 Instrumnet Name : P7
 Client Sample ID : KY030LC068-SW-190709 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 17:12:45 DataFile Name : 049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	298453	313334	304124	305304	2.46	cps
Antimony	121-1	1049492	1054906	1056119	1053506	0.33	cps
Arsenic	75-2	38579	39344	39188	39037	1.04	cps
Barium	135-1	1454252	1465143	1512437	1477277	2.09	cps
Barium	137-1	2586122	2585794	2616861	2596259	0.69	cps
Beryllium	9-1	479640	478037	475876	477851	0.40	cps
Bismuth	209-1	1395789	1437071	1422802	1418554	1.48	cps
Bismuth	209-2	764648	797456	783492	781865	2.11	cps
Boron	10-1	113280	119175	116623	116359	2.54	cps
Boron	11-1	503448	527339	519801	516863	2.36	cps
Cadmium	111-1	281370	282706	281756	281944	0.24	cps
Cadmium	106-1	32505	32405	31837	32249	1.12	cps
Cadmium	108-1	22472	22038	22280	22264	0.98	cps
Calcium	43-1	1529889	1519724	1517083	1522232	0.44	cps
Calcium	44-1	24744451	24891868	24788314	24808211	0.31	cps
Chromium	52-2	415578	426291	425174	422348	1.39	cps
Cobalt	59-2	571977	586208	584130	580772	1.32	cps
Copper	63-2	715171	739293	738416	730960	1.87	cps
Dysprosium	156-1	8	25	17	17	50.01	cps
Dysprosium	156-2	30	43	30	34	22.34	cps
Erbium	164-1	0	0	8	3	173.21	cps
Erbium	164-2	3	10	3	6	69.34	cps
Gadolinium	160-1	42	42	42	42	0.00	cps
Gadolinium	160-2	30	40	40	37	15.75	cps
Holmium	165-1	2561223	2637615	2623552	2607463	1.56	cps
Holmium	165-2	1256108	1296959	1289205	1280757	1.69	cps
Indium	115-1	1678001	1716719	1724740	1706486	1.46	cps
Indium	115-2	310204	320813	319037	316685	1.79	cps
Iron	56-2	14911581	15052143	15014787	14992837	0.49	cps
Iron	57-2	391912	403503	399596	398337	1.48	cps
Krypton	83-1	120	113	80	104	20.52	cps
Lead	206-1	862588	852222	865338	860049	0.80	cps
Lead	207-1	776984	774027	777454	776155	0.24	cps
Lead	208-1	3521738	3505385	3536407	3521177	0.44	cps
Lithium	6-1	1184566	1215721	1207006	1202431	1.34	cps
Magnesium	24-2	4556115	4616049	4598135	4590100	0.67	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3732-02 Instrumnet Name : P7
 Client Sample ID : KY030LC068-SW-190709 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 17:12:45 DataFile Name : 049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	483667	497279	495106	492017	1.49	cps
Molybdenum	94-1	2710103	2684966	2672361	2689143	0.71	cps
Molybdenum	95-1	3365243	3343988	3364320	3357851	0.36	cps
Molybdenum	96-1	3681836	3676345	3707059	3688413	0.44	cps
Molybdenum	97-1	2040372	2020413	2057624	2039470	0.91	cps
Molybdenum	98-1	5355729	5293499	5328362	5325864	0.59	cps
Neodymium	150-1	87	113	73	91	22.35	cps
Neodymium	150-2	10	17	7	11	45.82	cps
Nickel	60-2	144339	148455	148405	147066	1.61	cps
Phosphorus	31-2	125	150	150	142	10.19	cps
Potassium	39-2	1826587	1860592	1848213	1845130	0.93	cps
Rhodium	103-1	1652501	1680481	1681956	1671646	0.99	cps
Rhodium	103-2	773013	802429	804409	793284	2.22	cps
Scandium	45-1	1811022	1852604	1858980	1840869	1.41	cps
Scandium	45-2	73870	76396	76962	75742	2.17	cps
Selenium	77-2	1063	1093	1100	1086	1.80	cps
Selenium	78-2	3839	3747	3569	3718	3.70	cps
Selenium	82-1	27487	27007	27624	27373	1.18	cps
Silicon	28-1	20525805	20723373	20628883	20626020	0.48	cps
Silver	109-1	1173622	1183538	1177386	1178182	0.42	cps
Silver	107-1	638725	635895	633648	636089	0.40	cps
Sodium	23-2	11681646	11885993	11819909	11795849	0.88	cps
Strontium	86-1	815009	800021	803882	806304	0.97	cps
Strontium	88-1	7084128	7041391	7046899	7057472	0.33	cps
Sulfur	34-1	395918	394888	389318	393375	0.90	cps
Terbium	159-1	2747817	2791862	2815467	2785049	1.23	cps
Terbium	159-2	1265324	1303918	1308648	1292630	1.84	cps
Thallium	203-1	1036098	1027953	1013737	1025929	1.10	cps
Thallium	205-1	2536012	2509601	2529107	2524906	0.54	cps
Thorium	232-1	367	322	328	339	7.15	cps
Tin	118-1	878726	874817	872594	875379	0.35	cps
Titanium	47-1	1194157	1193078	1195719	1194318	0.11	cps
Uranium	238-1	4233745	4246383	4262778	4247635	0.34	cps
Vanadium	51-2	352449	360403	364180	359011	1.67	cps
Yttrium	89-1	2383920	2453104	2453128	2430051	1.64	cps
Yttrium	89-2	300719	311659	312657	308345	2.15	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3732-02	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-SW-190709	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 17:12:45	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	103738	104900	105994	104877	1.08	cps
Zirconium	90-1	2252155	2241017	2242881	2245351	0.27	cps
Zirconium	91-1	488936	484320	483561	485606	0.60	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3732-03 Instrumnet Name : P7
 Client Sample ID : KY030LC068-SW-190709 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 17:16:22 DataFile Name : 050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	318832	325028	322717	322192	0.97	cps
Antimony	121-1	1098712	1104678	1108635	1104009	0.45	cps
Arsenic	75-2	41407	41526	41522	41485	0.16	cps
Barium	135-1	1569849	1592566	1592642	1585019	0.83	cps
Barium	137-1	2718178	2728500	2744068	2730249	0.48	cps
Beryllium	9-1	498932	501478	505629	502013	0.67	cps
Bismuth	209-1	1429532	1435231	1433920	1432894	0.21	cps
Bismuth	209-2	779750	790491	794737	788326	0.98	cps
Boron	10-1	123140	127417	127071	125876	1.89	cps
Boron	11-1	549704	567510	567276	561497	1.82	cps
Cadmium	111-1	292100	294443	297064	294535	0.84	cps
Cadmium	106-1	33967	33658	34819	34148	1.76	cps
Cadmium	108-1	23495	23269	23716	23493	0.95	cps
Calcium	43-1	1596634	1612870	1612597	1607367	0.58	cps
Calcium	44-1	25895687	26030984	26182444	26036372	0.55	cps
Chromium	52-2	445707	450372	448974	448351	0.53	cps
Cobalt	59-2	608424	621125	620400	616649	1.16	cps
Copper	63-2	771329	781848	779390	777522	0.71	cps
Dysprosium	156-1	33	50	25	36	35.25	cps
Dysprosium	156-2	27	23	3	18	71.00	cps
Erbium	164-1	8	8	8	8	0.00	cps
Erbium	164-2	10	7	10	9	21.63	cps
Gadolinium	160-1	33	0	8	14	124.91	cps
Gadolinium	160-2	23	33	47	34	34.00	cps
Holmium	165-1	2619039	2605266	2659344	2627883	1.07	cps
Holmium	165-2	1276463	1296780	1300401	1291215	1.00	cps
Indium	115-1	1737183	1740723	1737927	1738611	0.11	cps
Indium	115-2	320224	325480	323283	322995	0.82	cps
Iron	56-2	15850683	15964892	15935110	15916895	0.37	cps
Iron	57-2	418792	420995	421359	420382	0.33	cps
Krypton	83-1	90	93	120	101	16.26	cps
Lead	206-1	894678	895123	904316	898039	0.61	cps
Lead	207-1	810147	798557	813972	807559	0.99	cps
Lead	208-1	3645402	3652031	3693353	3663595	0.71	cps
Lithium	6-1	1203199	1213050	1201999	1206083	0.50	cps
Magnesium	24-2	4717764	4781082	4746770	4748539	0.67	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3732-03	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-SW-190709	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 17:16:22	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	513647	517610	521051	517436	0.72	cps
Molybdenum	94-1	2824319	2850301	2863667	2846096	0.70	cps
Molybdenum	95-1	3522022	3542593	3539363	3534660	0.31	cps
Molybdenum	96-1	3875270	3888869	3915265	3893135	0.52	cps
Molybdenum	97-1	2140250	2154332	2156058	2150213	0.40	cps
Molybdenum	98-1	5593116	5625947	5671718	5630260	0.70	cps
Neodymium	150-1	120	93	107	107	12.50	cps
Neodymium	150-2	7	3	13	8	65.47	cps
Nickel	60-2	153265	156906	155272	155148	1.18	cps
Phosphorus	31-2	158	208	208	192	15.06	cps
Potassium	39-2	1933520	1965389	1960885	1953265	0.88	cps
Rhodium	103-1	1703224	1714962	1719061	1712416	0.48	cps
Rhodium	103-2	792882	811006	815333	806407	1.48	cps
Scandium	45-1	1878092	1890302	1886150	1884848	0.33	cps
Scandium	45-2	75987	75729	76342	76019	0.40	cps
Selenium	77-2	1123	1117	1087	1109	1.76	cps
Selenium	78-2	3752	3891	4032	3892	3.59	cps
Selenium	82-1	28485	28584	28732	28600	0.43	cps
Silicon	28-1	21536610	21848423	22071227	21818753	1.23	cps
Silver	109-1	1226311	1234369	1237059	1232580	0.45	cps
Silver	107-1	678644	668705	669881	672410	0.81	cps
Sodium	23-2	12366688	12491270	12449741	12435900	0.51	cps
Strontium	86-1	846513	850732	846936	848060	0.27	cps
Strontium	88-1	7280753	7445811	7506623	7411062	1.58	cps
Sulfur	34-1	399872	403967	407552	403797	0.95	cps
Terbium	159-1	2793055	2847887	2829280	2823407	0.99	cps
Terbium	159-2	1278215	1312586	1304550	1298450	1.38	cps
Thallium	203-1	1073626	1060959	1064789	1066458	0.61	cps
Thallium	205-1	2617704	2603953	2650875	2624177	0.92	cps
Thorium	232-1	178	222	206	202	11.12	cps
Tin	118-1	919398	924944	931495	925279	0.65	cps
Titanium	47-1	1250428	1268361	1269851	1262880	0.86	cps
Uranium	238-1	4415396	4426671	4441798	4427955	0.30	cps
Vanadium	51-2	373671	380924	380205	378267	1.06	cps
Yttrium	89-1	2468858	2494993	2500707	2488186	0.68	cps
Yttrium	89-2	309122	317996	317660	314926	1.60	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3732-03	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-SW-190709	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 17:16:22	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	110521	111168	110944	110878	0.30	cps
Zirconium	90-1	2356852	2393298	2385772	2378641	0.81	cps
Zirconium	91-1	513262	516659	514300	514740	0.34	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3732-01A Instrumnet Name : P7
 Client Sample ID : KY030LC068-SW-190709 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 17:19:59 DataFile Name : 051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	309108	315089	319054	314417	1.59	cps
Antimony	121-1	1093828	1114105	1090031	1099322	1.18	cps
Arsenic	75-2	40439	41019	40993	40817	0.80	cps
Barium	135-1	1549101	1580112	1579961	1569725	1.14	cps
Barium	137-1	2701680	2703437	2722710	2709276	0.43	cps
Beryllium	9-1	503068	505916	498432	502472	0.75	cps
Bismuth	209-1	1437905	1465867	1450765	1451513	0.96	cps
Bismuth	209-2	789006	784878	788942	787609	0.30	cps
Boron	10-1	124543	128591	126199	126444	1.61	cps
Boron	11-1	549803	564192	566463	560152	1.61	cps
Cadmium	111-1	288597	297433	291576	292536	1.54	cps
Cadmium	106-1	33616	33700	34150	33822	0.85	cps
Cadmium	108-1	23136	23253	22915	23101	0.74	cps
Calcium	43-1	1592994	1609234	1586749	1596326	0.73	cps
Calcium	44-1	25838469	26209791	25998119	26015460	0.72	cps
Chromium	52-2	436240	438328	443576	439381	0.86	cps
Cobalt	59-2	601714	604070	607657	604480	0.50	cps
Copper	63-2	754981	760438	759073	758164	0.37	cps
Dysprosium	156-1	25	17	25	22	21.64	cps
Dysprosium	156-2	27	37	33	32	15.80	cps
Erbium	164-1	17	17	17	17	0.00	cps
Erbium	164-2	7	10	3	7	50.03	cps
Gadolinium	160-1	17	25	25	22	21.64	cps
Gadolinium	160-2	37	43	37	39	9.89	cps
Holmium	165-1	2646975	2703451	2686237	2678888	1.08	cps
Holmium	165-2	1286278	1297135	1300598	1294670	0.58	cps
Indium	115-1	1729255	1788610	1758030	1758632	1.69	cps
Indium	115-2	319280	325009	324897	323062	1.01	cps
Iron	56-2	15484865	15443955	15447377	15458732	0.15	cps
Iron	57-2	407091	410899	411829	409940	0.61	cps
Krypton	83-1	100	90	103	98	7.10	cps
Lead	206-1	893754	887316	883784	888285	0.57	cps
Lead	207-1	798903	812284	803983	805057	0.84	cps
Lead	208-1	3626730	3659761	3637687	3641393	0.46	cps
Lithium	6-1	1225303	1237823	1226600	1229909	0.56	cps
Magnesium	24-2	4703156	4681789	4732804	4705916	0.54	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3732-01A Instrumnet Name : P7
 Client Sample ID : KY030LC068-SW-190709 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 17:19:59 DataFile Name : 051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	504103	510816	512101	509007	0.84	cps
Molybdenum	94-1	2808847	2835900	2820204	2821650	0.48	cps
Molybdenum	95-1	3471277	3533169	3512043	3505496	0.90	cps
Molybdenum	96-1	3864574	3895308	3866205	3875363	0.45	cps
Molybdenum	97-1	2131938	2137720	2122631	2130763	0.36	cps
Molybdenum	98-1	5574030	5623118	5547273	5581474	0.69	cps
Neodymium	150-1	120	87	107	104	16.07	cps
Neodymium	150-2	10	13	7	10	33.30	cps
Nickel	60-2	152103	152520	152449	152357	0.15	cps
Phosphorus	31-2	133	167	167	156	12.37	cps
Potassium	39-2	1905078	1898324	1942468	1915290	1.24	cps
Rhodium	103-1	1715679	1760946	1734246	1736957	1.31	cps
Rhodium	103-2	802527	811950	814143	809540	0.76	cps
Scandium	45-1	1893373	1951975	1918665	1921338	1.53	cps
Scandium	45-2	76382	77226	78182	77263	1.17	cps
Selenium	77-2	1030	1097	1137	1088	4.95	cps
Selenium	78-2	3949	3904	3799	3884	1.98	cps
Selenium	82-1	28148	28724	28702	28525	1.14	cps
Silicon	28-1	21457877	21856285	21756340	21690167	0.96	cps
Silver	109-1	1227296	1226001	1222487	1225261	0.20	cps
Silver	107-1	666423	681195	672472	673363	1.10	cps
Sodium	23-2	12212671	12081772	12143091	12145845	0.54	cps
Strontium	86-1	834662	840723	846568	840651	0.71	cps
Strontium	88-1	7277463	7373199	7459281	7369981	1.23	cps
Sulfur	34-1	399996	405670	400103	401923	0.81	cps
Terbium	159-1	2818101	2879415	2888335	2861950	1.34	cps
Terbium	159-2	1302762	1302945	1311133	1305613	0.37	cps
Thallium	203-1	1063417	1069971	1073448	1068945	0.48	cps
Thallium	205-1	2581860	2622610	2621794	2608755	0.89	cps
Thorium	232-1	217	244	233	231	6.04	cps
Tin	118-1	911728	922557	905297	913194	0.96	cps
Titanium	47-1	1266373	1264084	1247645	1259367	0.81	cps
Uranium	238-1	4373242	4412543	4382206	4389330	0.47	cps
Vanadium	51-2	371240	371427	376762	373143	0.84	cps
Yttrium	89-1	2490833	2559396	2556496	2535575	1.53	cps
Yttrium	89-2	312983	316283	316334	315200	0.61	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3732-01A	Instrumnet Name :	P7
Client Sample ID :	KY030LC068-SW-190709	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 17:19:59	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	107304	108939	109315	108519	0.99	cps
Zirconium	90-1	2337017	2381528	2368305	2362283	0.97	cps
Zirconium	91-1	505001	513205	504943	507716	0.94	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3732-04 Instrumnet Name : P7
 Client Sample ID : KY030LC051-SW-190709 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 17:23:35 DataFile Name : 052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	117	42	100	52.04	cps
Antimony	121-1	1959	1859	2034	1950	4.50	cps
Arsenic	75-2	178	178	198	185	6.37	cps
Barium	135-1	47440	45300	47466	46735	2.66	cps
Barium	137-1	82479	80693	80224	81132	1.47	cps
Beryllium	9-1	193	113	110	139	33.97	cps
Bismuth	209-1	1500267	1497576	1488556	1495466	0.41	cps
Bismuth	209-2	803687	789459	811741	801629	1.41	cps
Boron	10-1	38291	38107	38475	38291	0.48	cps
Boron	11-1	172027	175052	170694	172591	1.29	cps
Cadmium	111-1	727	616	655	666	8.40	cps
Cadmium	106-1	900	750	792	814	9.51	cps
Cadmium	108-1	17	13	4	11	57.27	cps
Calcium	43-1	1027975	1032322	1015371	1025223	0.86	cps
Calcium	44-1	16605434	16793705	16704010	16701050	0.56	cps
Chromium	52-2	1520	1483	1517	1507	1.35	cps
Cobalt	59-2	310	213	273	266	18.38	cps
Copper	63-2	4594	4444	4611	4550	2.02	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	8	0	25	11	114.58	cps
Erbium	164-2	0	3	17	7	132.33	cps
Gadolinium	160-1	25	8	8	14	69.31	cps
Gadolinium	160-2	40	50	53	48	14.52	cps
Holmium	165-1	2646664	2656298	2645155	2649372	0.23	cps
Holmium	165-2	1265683	1232527	1279752	1259321	1.93	cps
Indium	115-1	1805975	1837568	1833134	1825559	0.94	cps
Indium	115-2	333723	323755	336371	331283	2.01	cps
Iron	56-2	13101	12939	13089	13043	0.69	cps
Iron	57-2	5662	5246	5696	5535	4.53	cps
Krypton	83-1	90	73	90	84	11.40	cps
Lead	206-1	878	900	1089	956	12.14	cps
Lead	207-1	845	867	822	845	2.63	cps
Lead	208-1	3656	3784	3928	3789	3.59	cps
Lithium	6-1	1222170	1230570	1210893	1221211	0.81	cps
Magnesium	24-2	680428	642673	673953	665685	3.03	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3732-04 Instrumnet Name : P7
 Client Sample ID : KY030LC051-SW-190709 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 17:23:35 DataFile Name : 052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	13596	13486	13603	13562	0.48	cps
Molybdenum	94-1	1717	1558	1392	1556	10.45	cps
Molybdenum	95-1	2184	2009	2025	2072	4.66	cps
Molybdenum	96-1	2409	2184	2100	2231	7.15	cps
Molybdenum	97-1	1417	1592	1317	1442	9.66	cps
Molybdenum	98-1	4034	3451	3201	3562	12.01	cps
Neodymium	150-1	13	20	13	16	24.76	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	463	493	523	493	6.08	cps
Phosphorus	31-2	150	200	242	197	23.27	cps
Potassium	39-2	253235	242989	252013	249412	2.24	cps
Rhodium	103-1	1769902	1784803	1787960	1780888	0.54	cps
Rhodium	103-2	820565	803333	825297	816398	1.42	cps
Scandium	45-1	1898205	1902828	1883419	1894817	0.54	cps
Scandium	45-2	76452	74120	76365	75646	1.75	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	9	20	15	15	37.50	cps
Selenium	82-1	75	102	63	80	24.79	cps
Silicon	28-1	20137937	20374860	20397603	20303467	0.71	cps
Silver	109-1	433	342	292	356	20.21	cps
Silver	107-1	217	229	221	222	2.86	cps
Sodium	23-2	4259107	4041782	4241286	4180725	2.89	cps
Strontium	86-1	371525	370695	370867	371029	0.12	cps
Strontium	88-1	3216407	3283964	3285475	3261949	1.21	cps
Sulfur	34-1	382638	374279	375612	377510	1.19	cps
Terbium	159-1	2823413	2841611	2857729	2840918	0.60	cps
Terbium	159-2	1291776	1246125	1291911	1276604	2.07	cps
Thallium	203-1	575	408	417	467	20.12	cps
Thallium	205-1	1033	933	842	936	10.24	cps
Thorium	232-1	61	56	67	61	9.09	cps
Tin	118-1	4201	4201	4267	4223	0.91	cps
Titanium	47-1	783	800	600	728	15.25	cps
Uranium	238-1	8153	7319	7244	7572	6.66	cps
Vanadium	51-2	2004	2080	2197	2094	4.65	cps
Yttrium	89-1	2513698	2532780	2547000	2531159	0.66	cps
Yttrium	89-2	313342	304891	316688	311640	1.95	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3732-04	Instrumnet Name :	P7
Client Sample ID :	KY030LC051-SW-190709	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 17:23:35	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	937	2861	943	1580	70.17	cps
Zirconium	90-1	1050	1083	1000	1045	4.02	cps
Zirconium	91-1	258	192	225	225	14.81	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : CCV08 Instrumnet Name : P7
 Client Sample ID : CCV08 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 17:35:31 DataFile Name : 055CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1720828	1752899	1752653	1742127	1.06	cps
Antimony	121-1	1067592	1063433	1067080	1066035	0.21	cps
Arsenic	75-2	41134	41399	41650	41394	0.62	cps
Barium	135-1	1300592	1300479	1304204	1301758	0.16	cps
Barium	137-1	2297606	2286651	2309835	2298031	0.50	cps
Beryllium	9-1	482851	479355	480019	480742	0.39	cps
Bismuth	209-1	1262453	1270866	1293262	1275527	1.25	cps
Bismuth	209-2	759722	761920	762413	761352	0.19	cps
Boron	10-1	84528	85776	86900	85735	1.38	cps
Boron	11-1	374351	377795	375992	376046	0.46	cps
Cadmium	111-1	283638	285093	281624	283452	0.61	cps
Cadmium	106-1	33165	33875	34217	33752	1.59	cps
Cadmium	108-1	22961	22610	22735	22769	0.78	cps
Calcium	43-1	2732133	2761188	2751036	2748119	0.54	cps
Calcium	44-1	43341851	43367851	43325747	43345150	0.05	cps
Chromium	52-2	425865	432861	432294	430340	0.90	cps
Cobalt	59-2	562755	575562	573035	570451	1.19	cps
Copper	63-2	745332	757492	755972	752932	0.88	cps
Dysprosium	156-1	33	42	17	31	41.66	cps
Dysprosium	156-2	20	47	43	37	39.63	cps
Erbium	164-1	8	25	25	19	49.50	cps
Erbium	164-2	10	3	3	6	69.34	cps
Gadolinium	160-1	25	0	42	22	94.38	cps
Gadolinium	160-2	50	33	60	48	28.20	cps
Holmium	165-1	2449577	2445705	2454452	2449911	0.18	cps
Holmium	165-2	1299106	1307255	1308876	1305079	0.40	cps
Indium	115-1	1623122	1627885	1650852	1633953	0.91	cps
Indium	115-2	334687	338995	336234	336639	0.65	cps
Iron	56-2	76861007	77611274	77216888	77229723	0.49	cps
Iron	57-2	1968832	1992933	1983625	1981797	0.61	cps
Krypton	83-1	90	93	73	86	12.53	cps
Lead	206-1	730523	731455	729797	730592	0.11	cps
Lead	207-1	662070	659008	658384	659821	0.30	cps
Lead	208-1	2987367	2985673	3005833	2992958	0.37	cps
Lithium	6-1	1207866	1199889	1197699	1201818	0.45	cps
Magnesium	24-2	19415191	19361725	19456837	19411251	0.25	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 17:35:31	DataFile Name :	055CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	474188	487870	483123	481727	1.44	cps
Molybdenum	94-1	2848095	2852852	2879865	2860271	0.60	cps
Molybdenum	95-1	3649923	3665577	3682738	3666079	0.45	cps
Molybdenum	96-1	4024087	4031994	4039971	4032017	0.20	cps
Molybdenum	97-1	2221246	2188050	2233191	2214162	1.06	cps
Molybdenum	98-1	5816843	5807621	5844591	5823018	0.33	cps
Neodymium	150-1	113	120	87	107	16.53	cps
Neodymium	150-2	23	13	10	16	44.60	cps
Nickel	60-2	140841	142790	141686	141773	0.69	cps
Phosphorus	31-2	19580	19163	19021	19255	1.51	cps
Potassium	39-2	8601181	8676555	8624028	8633921	0.45	cps
Rhodium	103-1	1581511	1577769	1596727	1585336	0.63	cps
Rhodium	103-2	780514	789933	778572	783006	0.78	cps
Scandium	45-1	1865647	1865139	1880108	1870298	0.45	cps
Scandium	45-2	80440	82592	81754	81595	1.33	cps
Selenium	77-2	1203	1150	1130	1161	3.26	cps
Selenium	78-2	3832	3812	3908	3851	1.32	cps
Selenium	82-1	25674	25644	25453	25590	0.47	cps
Silicon	28-1	1671484	1746925	1773084	1730498	3.05	cps
Silver	109-1	1210914	1199867	1214229	1208337	0.62	cps
Silver	107-1	656034	658802	661141	658659	0.39	cps
Sodium	23-2	39166447	39193079	39514048	39291191	0.49	cps
Strontium	86-1	395988	390506	402144	396213	1.47	cps
Strontium	88-1	3416447	3406041	3487178	3436555	1.28	cps
Sulfur	34-1	384249	387391	385141	385594	0.42	cps
Terbium	159-1	2616088	2620724	2651402	2629405	0.73	cps
Terbium	159-2	1306385	1310376	1322593	1313118	0.64	cps
Thallium	203-1	905804	901859	888948	898870	0.98	cps
Thallium	205-1	2208047	2222713	2212433	2214398	0.34	cps
Thorium	232-1	3876123	3868597	3868599	3871106	0.11	cps
Tin	118-1	799622	801336	802945	801301	0.21	cps
Titanium	47-1	1406613	1386836	1390838	1394762	0.75	cps
Uranium	238-1	3831120	3802247	3828122	3820496	0.42	cps
Vanadium	51-2	365797	372355	371503	369885	0.96	cps
Yttrium	89-1	2390299	2376224	2404484	2390336	0.59	cps
Yttrium	89-2	330326	334367	333387	332693	0.63	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 17:35:31	DataFile Name :	055CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	113924	116557	116657	115713	1.34	cps
Zirconium	90-1	2212122	2204870	2209363	2208785	0.17	cps
Zirconium	91-1	475603	476644	479970	477406	0.48	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : CCB08 Instrumnet Name : P7
 Client Sample ID : CCB08 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 17:41:26 DataFile Name : 056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	33	67	39	65.47	cps
Antimony	121-1	358	342	258	319	16.77	cps
Arsenic	75-2	0	0	4	1	173.21	cps
Barium	135-1	42	25	17	28	45.82	cps
Barium	137-1	25	42	83	50	60.09	cps
Beryllium	9-1	43	103	87	78	39.83	cps
Bismuth	209-1	1488384	1493723	1489084	1490397	0.19	cps
Bismuth	209-2	844730	826121	872080	847644	2.73	cps
Boron	10-1	3009	2984	2834	2942	3.22	cps
Boron	11-1	13273	13306	12205	12928	4.84	cps
Cadmium	111-1	539	638	724	634	14.62	cps
Cadmium	106-1	708	892	1017	872	17.78	cps
Cadmium	108-1	4	4	13	7	69.23	cps
Calcium	43-1	42	75	100	72	40.52	cps
Calcium	44-1	4609	4593	4126	4443	6.18	cps
Chromium	52-2	283	257	197	246	18.08	cps
Cobalt	59-2	13	13	17	14	13.35	cps
Copper	63-2	240	243	247	243	1.37	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	8	0	11	114.58	cps
Erbium	164-2	0	0	3	1	173.21	cps
Gadolinium	160-1	8	17	25	17	50.01	cps
Gadolinium	160-2	27	47	30	34	31.11	cps
Holmium	165-1	2538854	2561920	2559924	2553566	0.50	cps
Holmium	165-2	1289737	1272584	1331363	1297895	2.33	cps
Indium	115-1	1837486	1831802	1836694	1835327	0.17	cps
Indium	115-2	356599	349496	367031	357709	2.47	cps
Iron	56-2	2634	2595	2761	2663	3.28	cps
Iron	57-2	122	100	100	107	11.95	cps
Krypton	83-1	73	93	67	78	17.85	cps
Lead	206-1	189	161	172	174	8.03	cps
Lead	207-1	111	111	133	119	10.83	cps
Lead	208-1	678	678	644	667	2.89	cps
Lithium	6-1	1291987	1281746	1286198	1286644	0.40	cps
Magnesium	24-2	383	392	383	386	1.25	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P7
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 17:41:26	DataFile Name :	056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20	13	40	24	56.78	cps
Molybdenum	94-1	292	200	275	256	19.11	cps
Molybdenum	95-1	242	358	300	300	19.44	cps
Molybdenum	96-1	333	317	242	297	16.43	cps
Molybdenum	97-1	167	167	183	172	5.59	cps
Molybdenum	98-1	542	500	458	500	8.33	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	13	20	17	17	20.01	cps
Phosphorus	31-2	25	50	50	42	34.64	cps
Potassium	39-2	7369	7235	7002	7202	2.58	cps
Rhodium	103-1	1849762	1841717	1839156	1843545	0.30	cps
Rhodium	103-2	857431	841953	887140	862175	2.66	cps
Scandium	45-1	1994151	2023727	2011872	2009916	0.74	cps
Scandium	45-2	81375	79167	84104	81549	3.03	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	28	11	19	19	43.64	cps
Selenium	82-1	4	-1	12	5	123.27	cps
Silicon	28-1	84714	81748	80910	82457	2.42	cps
Silver	109-1	92	142	108	114	22.35	cps
Silver	107-1	121	63	38	74	58.09	cps
Sodium	23-2	7927	8027	8136	8030	1.30	cps
Strontium	86-1	158	150	125	144	12.01	cps
Strontium	88-1	83	175	83	114	46.47	cps
Sulfur	34-1	182275	181526	182917	182239	0.38	cps
Terbium	159-1	2758414	2767322	2777300	2767679	0.34	cps
Terbium	159-2	1317273	1294039	1351160	1320824	2.17	cps
Thallium	203-1	233	133	183	183	27.27	cps
Thallium	205-1	408	442	375	408	8.16	cps
Thorium	232-1	311	294	256	287	9.93	cps
Tin	118-1	267	208	275	250	14.53	cps
Titanium	47-1	83	117	75	92	24.05	cps
Uranium	238-1	117	50	100	89	39.03	cps
Vanadium	51-2	0	13	20	11	91.66	cps
Yttrium	89-1	2552177	2562187	2544748	2553037	0.34	cps
Yttrium	89-2	331137	325772	343338	333416	2.70	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P7
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 17:41:26	DataFile Name :	056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	53	53	47	51	7.52	cps
Zirconium	90-1	217	333	292	281	21.07	cps
Zirconium	91-1	75	33	25	44	60.28	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : PB121364BL Instrumnet Name : P7
 Client Sample ID : PB121364BL Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 17:45:02 DataFile Name : 057CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	8	0	17	132.30	cps
Antimony	121-1	100	92	83	92	9.09	cps
Arsenic	75-2	13	2	2	6	115.50	cps
Barium	135-1	0	8	8	6	86.60	cps
Barium	137-1	17	8	8	11	43.34	cps
Beryllium	9-1	77	67	60	68	12.38	cps
Bismuth	209-1	1465448	1471461	1447345	1461418	0.86	cps
Bismuth	209-2	829029	862763	853196	848330	2.05	cps
Boron	10-1	2259	1984	1792	2011	11.66	cps
Boron	11-1	9228	9420	8828	9159	3.30	cps
Cadmium	111-1	620	630	688	646	5.72	cps
Cadmium	106-1	842	875	950	889	6.24	cps
Cadmium	108-1	4	4	8	6	43.22	cps
Calcium	43-1	108	25	17	50	101.38	cps
Calcium	44-1	3751	3592	3517	3620	3.29	cps
Chromium	52-2	250	213	193	219	13.13	cps
Cobalt	59-2	7	3	27	12	103.26	cps
Copper	63-2	150	277	230	219	29.27	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	0	0	0	0.00	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-1	25	0	8	11	114.58	cps
Gadolinium	160-2	30	67	67	54	38.88	cps
Holmium	165-1	2527736	2531974	2481031	2513580	1.12	cps
Holmium	165-2	1287627	1324028	1313896	1308517	1.44	cps
Indium	115-1	1809950	1827929	1791897	1809925	1.00	cps
Indium	115-2	350372	363448	362567	358796	2.04	cps
Iron	56-2	1472	1350	1472	1432	4.93	cps
Iron	57-2	100	72	61	78	25.76	cps
Krypton	83-1	90	77	80	82	8.44	cps
Lead	206-1	172	94	106	124	33.90	cps
Lead	207-1	161	117	161	146	17.54	cps
Lead	208-1	750	606	600	652	13.05	cps
Lithium	6-1	1285840	1279769	1265771	1277126	0.81	cps
Magnesium	24-2	108	50	83	81	36.33	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : PB121364BL Instrumnet Name : P7
 Client Sample ID : PB121364BL Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 17:45:02 DataFile Name : 057CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	13	10	13	12	15.73	cps
Molybdenum	94-1	150	167	192	169	12.37	cps
Molybdenum	95-1	125	125	75	108	26.65	cps
Molybdenum	96-1	142	117	117	125	11.55	cps
Molybdenum	97-1	108	58	83	83	30.00	cps
Molybdenum	98-1	158	158	125	147	13.07	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	13	20	7	13	49.99	cps
Phosphorus	31-2	25	25	42	31	31.50	cps
Potassium	39-2	6868	6969	7085	6974	1.56	cps
Rhodium	103-1	1842313	1824927	1823971	1830404	0.56	cps
Rhodium	103-2	847010	878049	867844	864301	1.83	cps
Scandium	45-1	1998053	1995052	1965899	1986335	0.89	cps
Scandium	45-2	80266	83634	83175	82358	2.22	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	13	15	19	15	18.35	cps
Selenium	82-1	6	12	20	13	53.51	cps
Silicon	28-1	81036	80407	77225	79556	2.57	cps
Silver	109-1	58	67	67	64	7.53	cps
Silver	107-1	63	33	50	49	30.09	cps
Sodium	23-2	6610	6994	6618	6741	3.25	cps
Strontium	86-1	133	75	108	106	27.73	cps
Strontium	88-1	50	58	67	58	14.29	cps
Sulfur	34-1	187809	185584	186444	186613	0.60	cps
Terbium	159-1	2741187	2745813	2702349	2729783	0.87	cps
Terbium	159-2	1297267	1335409	1331696	1321457	1.59	cps
Thallium	203-1	58	42	50	50	16.67	cps
Thallium	205-1	175	200	150	175	14.28	cps
Thorium	232-1	183	156	183	174	9.21	cps
Tin	118-1	183	133	158	158	15.79	cps
Titanium	47-1	58	33	25	39	44.61	cps
Uranium	238-1	42	25	17	28	45.82	cps
Vanadium	51-2	3	13	0	6	124.93	cps
Yttrium	89-1	2557906	2522376	2501695	2527326	1.12	cps
Yttrium	89-2	331955	339879	337748	336527	1.22	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	PB121364BL	Instrumnet Name :	P7
Client Sample ID :	PB121364BL	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 17:45:02	DataFile Name :	057CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	37	77	67	60	34.69	cps
Zirconium	90-1	275	250	208	244	13.78	cps
Zirconium	91-1	67	92	58	72	24.02	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	PB121364BS	Instrumnet Name :	P7
Client Sample ID :	PB121364BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 17:48:39	DataFile Name :	058LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	329770	330893	328550	329737	0.36	cps
Antimony	121-1	1006130	1011751	1005658	1007846	0.34	cps
Arsenic	75-2	39962	40393	40764	40373	0.99	cps
Barium	135-1	1351493	1371362	1364663	1362506	0.74	cps
Barium	137-1	2407495	2428114	2413583	2416398	0.44	cps
Beryllium	9-1	509825	508331	509863	509340	0.17	cps
Bismuth	209-1	1390229	1403377	1399288	1397631	0.48	cps
Bismuth	209-2	816815	835164	825658	825879	1.11	cps
Boron	10-1	88233	88910	90370	89171	1.23	cps
Boron	11-1	383048	391104	396679	390277	1.76	cps
Cadmium	111-1	278101	277738	275247	277029	0.56	cps
Cadmium	106-1	33190	32789	32672	32884	0.83	cps
Cadmium	108-1	22656	22890	23186	22910	1.16	cps
Calcium	43-1	569738	570984	562696	567806	0.79	cps
Calcium	44-1	9070953	9213728	9135499	9140060	0.78	cps
Chromium	52-2	441501	444041	445334	443625	0.44	cps
Cobalt	59-2	596434	604887	603650	601657	0.76	cps
Copper	63-2	745474	746945	752273	748231	0.48	cps
Dysprosium	156-1	8	0	33	14	124.91	cps
Dysprosium	156-2	23	7	27	19	56.72	cps
Erbium	164-1	17	25	8	17	50.01	cps
Erbium	164-2	3	10	0	4	114.60	cps
Gadolinium	160-1	33	42	25	33	25.01	cps
Gadolinium	160-2	20	33	43	32	36.33	cps
Holmium	165-1	2472039	2534759	2548997	2518598	1.63	cps
Holmium	165-2	1329077	1345497	1337963	1337513	0.61	cps
Indium	115-1	1718474	1750508	1764254	1744412	1.35	cps
Indium	115-2	348672	352262	352476	351136	0.61	cps
Iron	56-2	16003391	15894281	15889561	15929078	0.40	cps
Iron	57-2	411857	417256	421855	416989	1.20	cps
Krypton	83-1	70	93	100	88	17.95	cps
Lead	206-1	768752	777418	774278	773483	0.57	cps
Lead	207-1	697780	705898	699142	700940	0.62	cps
Lead	208-1	3163570	3191875	3181441	3178962	0.45	cps
Lithium	6-1	1246122	1252996	1252274	1250464	0.30	cps
Magnesium	24-2	4036476	4055078	4035293	4042282	0.27	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	PB121364BS	Instrumnet Name :	P7
Client Sample ID :	PB121364BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 17:48:39	DataFile Name :	058LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	499540	502824	500078	500814	0.35	cps
Molybdenum	94-1	2989612	3011542	2998596	2999917	0.37	cps
Molybdenum	95-1	3804838	3894528	3836163	3845176	1.18	cps
Molybdenum	96-1	4229944	4301448	4257055	4262816	0.85	cps
Molybdenum	97-1	2321220	2367215	2334198	2340878	1.01	cps
Molybdenum	98-1	6056111	6168938	6078700	6101250	0.98	cps
Neodymium	150-1	127	133	100	120	14.70	cps
Neodymium	150-2	17	7	27	17	59.99	cps
Nickel	60-2	149203	150342	151257	150267	0.68	cps
Phosphorus	31-2	19714	19713	19847	19758	0.39	cps
Potassium	39-2	1735136	1756964	1753466	1748522	0.67	cps
Rhodium	103-1	1739813	1759125	1735172	1744703	0.73	cps
Rhodium	103-2	826173	847118	843763	839018	1.34	cps
Scandium	45-1	1947141	1972885	1955184	1958404	0.67	cps
Scandium	45-2	83296	83363	84013	83557	0.47	cps
Selenium	77-2	1193	1167	1193	1185	1.30	cps
Selenium	78-2	3978	3995	3969	3981	0.33	cps
Selenium	82-1	27232	27297	27582	27370	0.68	cps
Silicon	28-1	1662506	1719228	1726808	1702847	2.06	cps
Silver	109-1	1214423	1210406	1205925	1210251	0.35	cps
Silver	107-1	645420	653686	661759	653622	1.25	cps
Sodium	23-2	7979556	7973006	8034214	7995592	0.42	cps
Strontium	86-1	417612	422697	418612	419640	0.64	cps
Strontium	88-1	3600730	3666120	3640832	3635894	0.91	cps
Sulfur	34-1	400822	397404	395050	397759	0.73	cps
Terbium	159-1	2694659	2734744	2734241	2721215	0.85	cps
Terbium	159-2	1323648	1341489	1342137	1335758	0.79	cps
Thallium	203-1	952823	947943	967928	956231	1.09	cps
Thallium	205-1	2329542	2367652	2370936	2356043	0.98	cps
Thorium	232-1	3928330	3991499	3959978	3959936	0.80	cps
Tin	118-1	841660	846494	840914	843023	0.36	cps
Titanium	47-1	1447053	1450713	1437374	1445047	0.48	cps
Uranium	238-1	3829574	3879707	3911758	3873679	1.07	cps
Vanadium	51-2	373234	377760	380577	377190	0.98	cps
Yttrium	89-1	2475967	2506505	2514881	2499118	0.82	cps
Yttrium	89-2	335584	337711	340054	337783	0.66	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	PB121364BS	Instrumnet Name :	P7
Client Sample ID :	PB121364BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 17:48:39	DataFile Name :	058LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	115603	114612	117216	115811	1.13	cps
Zirconium	90-1	2302660	2332897	2303162	2312906	0.75	cps
Zirconium	91-1	492160	500508	498184	496951	0.87	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3732-05 Instrumnet Name : P7
 Client Sample ID : KY030LC001-SW-190709 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 17:52:15 DataFile Name : 059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	142	108	111	26.34	cps
Antimony	121-1	3459	3201	2900	3187	8.77	cps
Arsenic	75-2	163	154	194	170	12.53	cps
Barium	135-1	45818	44598	44840	45085	1.43	cps
Barium	137-1	77257	77123	77467	77282	0.22	cps
Beryllium	9-1	140	157	127	141	10.65	cps
Bismuth	209-1	1445203	1447859	1448298	1447120	0.12	cps
Bismuth	209-2	799576	793991	797719	797095	0.36	cps
Boron	10-1	36261	35885	35726	35957	0.76	cps
Boron	11-1	161791	162454	165025	163090	1.05	cps
Cadmium	111-1	724	570	685	660	12.19	cps
Cadmium	106-1	833	675	858	789	12.60	cps
Cadmium	108-1	25	4	4	11	108.21	cps
Calcium	43-1	1007698	1016367	1009307	1011124	0.46	cps
Calcium	44-1	16302854	16620295	16620490	16514546	1.11	cps
Chromium	52-2	1853	1713	1964	1843	6.80	cps
Cobalt	59-2	250	257	313	273	12.73	cps
Copper	63-2	1947	1880	1917	1915	1.74	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	25	8	0	11	114.58	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	42	17	25	28	45.82	cps
Gadolinium	160-2	37	53	33	41	26.06	cps
Holmium	165-1	2487655	2565076	2588580	2547103	2.07	cps
Holmium	165-2	1260010	1254349	1277324	1263894	0.95	cps
Indium	115-1	1755263	1786674	1780966	1774301	0.94	cps
Indium	115-2	335475	331953	334247	333892	0.54	cps
Iron	56-2	14007	13551	13429	13662	2.23	cps
Iron	57-2	5940	5579	5907	5809	3.44	cps
Krypton	83-1	90	107	73	90	18.52	cps
Lead	206-1	594	533	644	591	9.42	cps
Lead	207-1	528	517	400	482	14.70	cps
Lead	208-1	2717	2367	1995	2359	15.31	cps
Lithium	6-1	1275979	1283712	1282464	1280718	0.32	cps
Magnesium	24-2	642546	638804	640898	640749	0.29	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3732-05 Instrumnet Name : P7
 Client Sample ID : KY030LC001-SW-190709 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 17:52:15 DataFile Name : 059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	8783	9013	8836	8877	1.36	cps
Molybdenum	94-1	1567	1600	1550	1572	1.62	cps
Molybdenum	95-1	2392	2317	1942	2217	10.88	cps
Molybdenum	96-1	2542	2767	2259	2523	10.10	cps
Molybdenum	97-1	1467	1233	1392	1364	8.73	cps
Molybdenum	98-1	3926	3384	3234	3514	10.36	cps
Neodymium	150-1	33	0	7	13	132.27	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	557	583	473	538	10.67	cps
Phosphorus	31-2	192	233	225	217	10.18	cps
Potassium	39-2	275964	273241	276207	275137	0.60	cps
Rhodium	103-1	1727637	1757763	1761571	1748990	1.06	cps
Rhodium	103-2	815097	814454	823487	817679	0.62	cps
Scandium	45-1	1895092	1890099	1881014	1888735	0.38	cps
Scandium	45-2	76399	78037	78503	77646	1.42	cps
Selenium	77-2	10	0	7	6	91.64	cps
Selenium	78-2	30	26	24	27	10.66	cps
Selenium	82-1	66	29	80	58	44.91	cps
Silicon	28-1	20494398	20690915	20707146	20630820	0.57	cps
Silver	109-1	908	825	642	792	17.23	cps
Silver	107-1	529	521	354	468	21.09	cps
Sodium	23-2	4508699	4438736	4426232	4457889	1.00	cps
Strontium	86-1	323770	320155	320270	321398	0.64	cps
Strontium	88-1	2789895	2868990	2839847	2832911	1.41	cps
Sulfur	34-1	379747	380901	377541	379396	0.45	cps
Terbium	159-1	2699814	2767451	2773282	2746849	1.49	cps
Terbium	159-2	1280452	1266641	1280846	1275980	0.63	cps
Thallium	203-1	817	600	433	617	31.17	cps
Thallium	205-1	2025	1533	1083	1547	30.44	cps
Thorium	232-1	1845	1472	1472	1596	13.46	cps
Tin	118-1	4418	4034	4209	4220	4.55	cps
Titanium	47-1	833	683	608	708	16.17	cps
Uranium	238-1	7052	6602	6352	6669	5.32	cps
Vanadium	51-2	2104	2134	2334	2190	5.71	cps
Yttrium	89-1	2446589	2502303	2511837	2486910	1.42	cps
Yttrium	89-2	315656	315417	315935	315670	0.08	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3732-05	Instrumnet Name :	P7
Client Sample ID :	KY030LC001-SW-190709	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 17:52:15	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	767	713	810	763	6.34	cps
Zirconium	90-1	1092	817	742	883	20.86	cps
Zirconium	91-1	200	175	158	178	11.80	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3732-06	Instrumnet Name :	P7
Client Sample ID :	KY030SP001-SW-19070	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 17:55:51	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	67	50	69	30.20	cps
Antimony	121-1	1792	1784	1850	1809	2.01	cps
Arsenic	75-2	59	52	48	53	10.66	cps
Barium	135-1	43469	43268	42591	43109	1.07	cps
Barium	137-1	74082	75631	73293	74335	1.60	cps
Beryllium	9-1	93	83	53	77	27.16	cps
Bismuth	209-1	1457655	1451317	1467680	1458884	0.57	cps
Bismuth	209-2	781097	781892	793342	785443	0.87	cps
Boron	10-1	29705	29588	31033	30109	2.67	cps
Boron	11-1	136252	135452	138537	136747	1.17	cps
Cadmium	111-1	698	698	660	685	3.14	cps
Cadmium	106-1	867	883	817	856	4.06	cps
Cadmium	108-1	13	0	4	6	114.53	cps
Calcium	43-1	1362524	1337300	1342068	1347297	0.99	cps
Calcium	44-1	22115373	22124072	22283282	22174242	0.43	cps
Chromium	52-2	1620	1607	1597	1608	0.73	cps
Cobalt	59-2	147	180	160	162	10.34	cps
Copper	63-2	2157	2330	2320	2269	4.29	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	33	0	17	99.99	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	8	17	25	17	50.01	cps
Gadolinium	160-2	33	33	30	32	5.97	cps
Holmium	165-1	2594348	2614566	2610250	2606388	0.41	cps
Holmium	165-2	1244239	1248932	1263271	1252147	0.79	cps
Indium	115-1	1794178	1793429	1812751	1800120	0.61	cps
Indium	115-2	327613	325603	329620	327612	0.61	cps
Iron	56-2	11705	12711	11861	12092	4.48	cps
Iron	57-2	7485	7513	7013	7337	3.83	cps
Krypton	83-1	97	107	107	103	5.59	cps
Lead	206-1	756	639	650	682	9.45	cps
Lead	207-1	500	567	611	559	10.00	cps
Lead	208-1	2578	2572	2611	2587	0.81	cps
Lithium	6-1	1277111	1276788	1277440	1277113	0.03	cps
Magnesium	24-2	844584	838360	846820	843255	0.52	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3732-06 Instrumnet Name : P7
 Client Sample ID : KY030SP001-SW-19070 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 17:55:51 DataFile Name : 060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3677	3817	3560	3685	3.49	cps
Molybdenum	94-1	592	758	583	644	15.32	cps
Molybdenum	95-1	917	1033	792	914	13.22	cps
Molybdenum	96-1	950	942	900	931	2.88	cps
Molybdenum	97-1	575	533	600	569	5.91	cps
Molybdenum	98-1	1558	1342	1333	1411	9.04	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	380	367	333	360	6.68	cps
Phosphorus	31-2	58	50	42	50	16.67	cps
Potassium	39-2	142134	141864	143832	142610	0.75	cps
Rhodium	103-1	1764708	1760389	1774377	1766491	0.41	cps
Rhodium	103-2	805851	802349	812753	806984	0.66	cps
Scandium	45-1	1918148	1898035	1909249	1908477	0.53	cps
Scandium	45-2	75612	75424	76335	75790	0.63	cps
Selenium	77-2	10	13	7	10	33.30	cps
Selenium	78-2	31	30	37	33	11.79	cps
Selenium	82-1	206	197	204	202	2.33	cps
Silicon	28-1	25384330	25107049	25383713	25291697	0.63	cps
Silver	109-1	267	292	258	272	6.37	cps
Silver	107-1	275	154	204	211	28.76	cps
Sodium	23-2	3515756	3479993	3506649	3500800	0.53	cps
Strontium	86-1	617212	610874	612432	613506	0.54	cps
Strontium	88-1	5371045	5458507	5487809	5439120	1.12	cps
Sulfur	34-1	476379	466976	475220	472859	1.08	cps
Terbium	159-1	2768535	2777905	2817075	2787838	0.92	cps
Terbium	159-2	1258496	1261360	1282817	1267558	1.05	cps
Thallium	203-1	150	117	67	111	37.75	cps
Thallium	205-1	200	250	267	239	14.52	cps
Thorium	232-1	450	394	356	400	11.87	cps
Tin	118-1	3000	3242	3351	3198	5.60	cps
Titanium	47-1	683	617	725	675	8.10	cps
Uranium	238-1	10797	11130	10855	10927	1.63	cps
Vanadium	51-2	2154	2047	2127	2109	2.63	cps
Yttrium	89-1	2477565	2506915	2529950	2504810	1.05	cps
Yttrium	89-2	312188	306165	314116	310823	1.33	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3732-06	Instrumnet Name :	P7
Client Sample ID :	KY030SP001-SW-19070	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 17:55:51	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1223	1157	1213	1198	3.00	cps
Zirconium	90-1	567	283	500	450	32.92	cps
Zirconium	91-1	117	117	75	103	23.41	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3732-07	Instrumnet Name :	P7
Client Sample ID :	DUP-0536-190709	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 17:59:27	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	50	58	53	9.12	cps
Antimony	121-1	1834	1842	1692	1789	4.71	cps
Arsenic	75-2	144	193	159	165	14.91	cps
Barium	135-1	45635	44255	43669	44520	2.27	cps
Barium	137-1	76730	78372	75925	77009	1.62	cps
Beryllium	9-1	100	40	73	71	42.27	cps
Bismuth	209-1	1468772	1469124	1485759	1474552	0.66	cps
Bismuth	209-2	781714	790335	786059	786036	0.55	cps
Boron	10-1	32394	33095	32010	32500	1.69	cps
Boron	11-1	147067	151360	149406	149278	1.44	cps
Cadmium	111-1	572	647	628	616	6.35	cps
Cadmium	106-1	750	875	817	814	7.68	cps
Cadmium	108-1	17	17	8	14	34.67	cps
Calcium	43-1	1020073	1003894	1012777	1012248	0.80	cps
Calcium	44-1	16654713	16556943	16743163	16651606	0.56	cps
Chromium	52-2	1153	1137	1140	1143	0.77	cps
Cobalt	59-2	170	220	230	207	15.56	cps
Copper	63-2	1870	1887	1763	1840	3.64	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	13	10	7	10	33.30	cps
Erbium	164-1	8	17	0	8	100.02	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	0	17	0	6	173.21	cps
Gadolinium	160-2	27	77	67	57	46.69	cps
Holmium	165-1	2624332	2643870	2655957	2641386	0.60	cps
Holmium	165-2	1247643	1255168	1266210	1256340	0.74	cps
Indium	115-1	1818399	1826389	1816625	1820471	0.29	cps
Indium	115-2	326089	328055	329212	327786	0.48	cps
Iron	56-2	7041	7280	7497	7272	3.14	cps
Iron	57-2	5279	5651	5535	5488	3.47	cps
Krypton	83-1	73	87	80	80	8.34	cps
Lead	206-1	311	289	283	294	4.99	cps
Lead	207-1	194	272	289	252	20.02	cps
Lead	208-1	1156	1206	1178	1180	2.12	cps
Lithium	6-1	1264662	1266996	1236659	1256106	1.34	cps
Magnesium	24-2	748688	748301	750493	749160	0.16	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3732-07	Instrumnet Name :	P7
Client Sample ID :	DUP-0536-190709	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 17:59:27	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	8162	8316	8389	8289	1.40	cps
Molybdenum	94-1	808	992	883	895	10.31	cps
Molybdenum	95-1	1358	1400	1375	1378	1.52	cps
Molybdenum	96-1	1575	1525	1467	1522	3.56	cps
Molybdenum	97-1	900	883	833	872	3.98	cps
Molybdenum	98-1	1992	2067	2259	2106	6.53	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	403	400	347	383	8.29	cps
Phosphorus	31-2	133	183	175	164	16.34	cps
Potassium	39-2	244473	250008	249449	247977	1.23	cps
Rhodium	103-1	1753406	1789529	1776679	1773205	1.03	cps
Rhodium	103-2	799706	815720	813200	809542	1.06	cps
Scandium	45-1	1909632	1883429	1878965	1890675	0.88	cps
Scandium	45-2	73601	75649	76295	75182	1.87	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	22	22	24	23	4.68	cps
Selenium	82-1	86	73	99	86	15.39	cps
Silicon	28-1	20528150	20523100	20531252	20527501	0.02	cps
Silver	109-1	208	233	167	203	16.61	cps
Silver	107-1	196	133	167	165	18.92	cps
Sodium	23-2	4258959	4238676	4211802	4236479	0.56	cps
Strontium	86-1	419263	415344	412899	415835	0.77	cps
Strontium	88-1	3689681	3694234	3701699	3695205	0.16	cps
Sulfur	34-1	409952	401293	403763	405002	1.10	cps
Terbium	159-1	2802999	2852873	2816175	2824016	0.92	cps
Terbium	159-2	1267622	1278347	1280823	1275597	0.55	cps
Thallium	203-1	42	67	75	61	28.38	cps
Thallium	205-1	217	150	117	161	31.61	cps
Thorium	232-1	200	206	256	220	13.88	cps
Tin	118-1	2234	2350	2525	2370	6.20	cps
Titanium	47-1	500	467	492	486	3.57	cps
Uranium	238-1	7628	6960	7227	7272	4.62	cps
Vanadium	51-2	2207	2187	2317	2237	3.13	cps
Yttrium	89-1	2501313	2530852	2508237	2513467	0.61	cps
Yttrium	89-2	307919	310979	310446	309781	0.53	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3732-07	Instrumnet Name :	P7
Client Sample ID :	DUP-0536-190709	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 17:59:27	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	550	490	493	511	6.60	cps
Zirconium	90-1	325	333	508	389	26.62	cps
Zirconium	91-1	50	100	175	108	58.08	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3733-07	Instrumnet Name :	P7
Client Sample ID :	EB-01-190709	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:03:04	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	8	33	33	75.02	cps
Antimony	121-1	150	108	92	117	25.76	cps
Arsenic	75-2	6	4	4	4	24.86	cps
Barium	135-1	25	33	25	28	17.31	cps
Barium	137-1	8	17	67	31	103.26	cps
Beryllium	9-1	63	77	57	66	15.54	cps
Bismuth	209-1	1747170	1693619	1703813	1714867	1.66	cps
Bismuth	209-2	916120	927335	930250	924568	0.81	cps
Boron	10-1	2767	2917	2842	2842	2.64	cps
Boron	11-1	13874	12981	13173	13342	3.52	cps
Cadmium	111-1	750	614	743	702	10.88	cps
Cadmium	106-1	1033	842	1017	964	11.02	cps
Cadmium	108-1	4	0	8	4	99.96	cps
Calcium	43-1	417	475	283	392	25.08	cps
Calcium	44-1	10287	10262	10204	10251	0.42	cps
Chromium	52-2	427	383	383	398	6.29	cps
Cobalt	59-2	7	10	3	7	50.03	cps
Copper	63-2	440	400	377	406	7.90	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	0	0	25	8	173.21	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	8	33	33	25	57.74	cps
Gadolinium	160-2	47	57	60	54	12.74	cps
Holmium	165-1	2999317	2955121	2906699	2953712	1.57	cps
Holmium	165-2	1407681	1434836	1435238	1425918	1.11	cps
Indium	115-1	2109932	2093065	2063508	2088835	1.12	cps
Indium	115-2	386938	389729	383044	386570	0.87	cps
Iron	56-2	1550	1650	1528	1576	4.13	cps
Iron	57-2	39	83	72	65	35.69	cps
Krypton	83-1	90	80	97	89	9.44	cps
Lead	206-1	117	228	144	163	35.48	cps
Lead	207-1	133	128	150	137	8.44	cps
Lead	208-1	606	661	700	656	7.24	cps
Lithium	6-1	1470125	1447336	1415834	1444432	1.89	cps
Magnesium	24-2	125	175	200	167	22.91	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3733-07	Instrumnet Name :	P7
Client Sample ID :	EB-01-190709	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:03:04	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	30	30	31	6.18	cps
Molybdenum	94-1	142	142	92	125	23.09	cps
Molybdenum	95-1	58	67	33	53	32.88	cps
Molybdenum	96-1	92	92	100	94	5.09	cps
Molybdenum	97-1	50	33	58	47	26.97	cps
Molybdenum	98-1	83	83	75	81	5.98	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	13	20	16	24.76	cps
Phosphorus	31-2	25	33	25	28	17.31	cps
Potassium	39-2	6935	7344	7310	7197	3.15	cps
Rhodium	103-1	2124505	2086864	2065984	2092451	1.42	cps
Rhodium	103-2	938249	945391	948126	943922	0.54	cps
Scandium	45-1	2249926	2250215	2209340	2236493	1.05	cps
Scandium	45-2	88184	88208	87567	87986	0.41	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	26	19	13	19	34.00	cps
Selenium	82-1	10	14	-5	6	164.05	cps
Silicon	28-1	86432	85728	85217	85792	0.71	cps
Silver	109-1	100	58	83	81	26.03	cps
Silver	107-1	33	96	58	63	50.33	cps
Sodium	23-2	13114	12856	12598	12856	2.01	cps
Strontium	86-1	217	183	208	203	8.56	cps
Strontium	88-1	550	592	567	569	3.68	cps
Sulfur	34-1	183813	185061	189111	185995	1.49	cps
Terbium	159-1	3224952	3172784	3157162	3184966	1.11	cps
Terbium	159-2	1439645	1447634	1438287	1441855	0.35	cps
Thallium	203-1	0	25	33	19	89.21	cps
Thallium	205-1	83	50	42	58	37.80	cps
Thorium	232-1	50	61	44	52	16.36	cps
Tin	118-1	92	100	167	119	34.42	cps
Titanium	47-1	42	58	83	61	34.32	cps
Uranium	238-1	0	33	0	11	173.21	cps
Vanadium	51-2	27	33	23	28	18.33	cps
Yttrium	89-1	2936212	2897013	2844236	2892487	1.60	cps
Yttrium	89-2	360693	363716	360694	361701	0.48	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3733-07	Instrumnet Name :	P7
Client Sample ID :	EB-01-190709	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:03:04	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	107	103	107	106	1.82	cps
Zirconium	90-1	133	258	192	194	32.17	cps
Zirconium	91-1	8	33	33	25	57.74	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3734-01	Instrumnet Name :	P7
Client Sample ID :	SP19-056-MW02	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:06:41	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1325	967	1200	1164	15.63	cps
Antimony	121-1	2292	2125	2509	2309	8.33	cps
Arsenic	75-2	2945	2795	2782	2840	3.19	cps
Barium	135-1	64559	63395	63287	63747	1.11	cps
Barium	137-1	111033	113117	110034	111395	1.41	cps
Beryllium	9-1	53	63	53	57	10.19	cps
Bismuth	209-1	1447750	1448724	1469259	1455245	0.83	cps
Bismuth	209-2	779050	796288	793889	789742	1.18	cps
Boron	10-1	8036	8795	8428	8419	4.51	cps
Boron	11-1	37573	36553	37447	37191	1.49	cps
Cadmium	111-1	722	648	734	701	6.68	cps
Cadmium	106-1	800	742	758	767	3.92	cps
Cadmium	108-1	25	25	25	25	0.00	cps
Calcium	43-1	1113333	1105554	1106666	1108518	0.38	cps
Calcium	44-1	18084955	18068554	18187082	18113530	0.35	cps
Chromium	52-2	1477	1560	1550	1529	2.98	cps
Cobalt	59-2	6852	6588	6792	6744	2.05	cps
Copper	63-2	10497	10634	10554	10562	0.65	cps
Dysprosium	156-1	850	750	983	861	13.59	cps
Dysprosium	156-2	403	410	373	396	4.94	cps
Erbium	164-1	633	467	358	486	28.50	cps
Erbium	164-2	257	283	243	261	7.80	cps
Gadolinium	160-1	500	617	583	567	10.61	cps
Gadolinium	160-2	330	380	343	351	7.37	cps
Holmium	165-1	2555720	2555963	2602651	2571445	1.05	cps
Holmium	165-2	1238907	1263870	1252610	1251796	1.00	cps
Indium	115-1	1739264	1745565	1773427	1752752	1.04	cps
Indium	115-2	316443	323662	329802	323302	2.07	cps
Iron	56-2	3286107	3279886	3247599	3271197	0.63	cps
Iron	57-2	88611	90332	89645	89529	0.97	cps
Krypton	83-1	103	93	133	110	18.92	cps
Lead	206-1	1734	1850	1495	1693	10.71	cps
Lead	207-1	1395	1472	1389	1419	3.28	cps
Lead	208-1	6790	6812	6206	6603	5.20	cps
Lithium	6-1	1195639	1185000	1184175	1188271	0.54	cps
Magnesium	24-2	749720	750589	746785	749031	0.27	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3734-01	Instrumnet Name :	P7
Client Sample ID :	SP19-056-MW02	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:06:41	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5625120	5645101	5572494	5614238	0.67	cps
Molybdenum	94-1	1692	1592	1809	1697	6.39	cps
Molybdenum	95-1	1775	1875	1709	1786	4.70	cps
Molybdenum	96-1	1892	1558	1984	1811	12.35	cps
Molybdenum	97-1	933	1058	1025	1006	6.44	cps
Molybdenum	98-1	2525	2425	2459	2470	2.06	cps
Neodymium	150-1	967	1033	887	962	7.63	cps
Neodymium	150-2	293	323	333	317	6.57	cps
Nickel	60-2	1283	1180	1133	1199	6.40	cps
Phosphorus	31-2	67	142	42	83	62.45	cps
Potassium	39-2	45914	45462	45362	45579	0.65	cps
Rhodium	103-1	1717703	1699095	1721561	1712786	0.70	cps
Rhodium	103-2	785699	803533	803388	797540	1.29	cps
Scandium	45-1	1817978	1786590	1812540	1805702	0.93	cps
Scandium	45-2	72366	73498	73082	72982	0.78	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	20	22	20	21	5.09	cps
Selenium	82-1	34	17	-40	4	1070.49	cps
Silicon	28-1	18790151	18564272	18886132	18746852	0.88	cps
Silver	109-1	250	267	192	236	16.68	cps
Silver	107-1	142	108	138	129	14.06	cps
Sodium	23-2	1916553	1912880	1891222	1906885	0.72	cps
Strontium	86-1	677465	673361	685123	678650	0.88	cps
Strontium	88-1	5993004	5973198	6113363	6026522	1.26	cps
Sulfur	34-1	260194	252097	252947	255079	1.74	cps
Terbium	159-1	2739025	2761478	2775112	2758538	0.66	cps
Terbium	159-2	1252788	1266587	1273414	1264263	0.83	cps
Thallium	203-1	83	100	50	78	32.73	cps
Thallium	205-1	225	158	92	158	42.11	cps
Thorium	232-1	261	233	211	235	10.65	cps
Tin	118-1	2659	2792	3125	2859	8.41	cps
Titanium	47-1	875	850	900	875	2.86	cps
Uranium	238-1	5243	5593	4985	5274	5.79	cps
Vanadium	51-2	397	353	317	356	11.26	cps
Yttrium	89-1	2423756	2428924	2460710	2437797	0.82	cps
Yttrium	89-2	304035	306705	308447	306396	0.73	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3734-01	Instrumnet Name :	P7
Client Sample ID :	SP19-056-MW02	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:06:41	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3054	3150	3320	3175	4.25	cps
Zirconium	90-1	2100	2217	2175	2164	2.73	cps
Zirconium	91-1	325	458	408	397	16.96	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3756-01 Instrumnet Name : P7
 Client Sample ID : KY030LC006-SW-190710 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 18:10:18 DataFile Name : 064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	100	83	89	10.82	cps
Antimony	121-1	1842	1792	1900	1845	2.94	cps
Arsenic	75-2	193	167	172	177	7.71	cps
Barium	135-1	45609	45400	46052	45687	0.73	cps
Barium	137-1	79259	78832	77517	78536	1.16	cps
Beryllium	9-1	50	67	73	63	18.98	cps
Bismuth	209-1	1460238	1469911	1474831	1468327	0.51	cps
Bismuth	209-2	777385	786283	788676	784115	0.76	cps
Boron	10-1	30273	30223	30815	30437	1.08	cps
Boron	11-1	139143	139430	139934	139502	0.29	cps
Cadmium	111-1	543	547	586	559	4.32	cps
Cadmium	106-1	742	700	758	733	4.10	cps
Cadmium	108-1	8	8	4	7	34.59	cps
Calcium	43-1	973815	963591	979095	972167	0.81	cps
Calcium	44-1	16010398	15886131	16031486	15976005	0.49	cps
Chromium	52-2	1370	1300	1357	1342	2.77	cps
Cobalt	59-2	207	227	263	232	12.38	cps
Copper	63-2	1543	1667	1613	1608	3.85	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	8	0	17	8	100.02	cps
Erbium	164-2	3	0	17	7	132.33	cps
Gadolinium	160-1	8	8	25	14	69.31	cps
Gadolinium	160-2	40	43	27	37	24.04	cps
Holmium	165-1	2605866	2603200	2638591	2615886	0.75	cps
Holmium	165-2	1244841	1245638	1261461	1250647	0.75	cps
Indium	115-1	1787369	1784879	1813787	1795345	0.89	cps
Indium	115-2	322647	324976	326309	324644	0.57	cps
Iron	56-2	10993	10732	10854	10860	1.20	cps
Iron	57-2	5084	5157	5284	5175	1.96	cps
Krypton	83-1	87	83	103	91	11.76	cps
Lead	206-1	306	344	383	344	11.29	cps
Lead	207-1	339	283	294	306	9.62	cps
Lead	208-1	1350	1311	1306	1322	1.83	cps
Lithium	6-1	1194386	1181313	1191012	1188903	0.57	cps
Magnesium	24-2	608635	610620	610888	610048	0.20	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3756-01 Instrumnet Name : P7
 Client Sample ID : KY030LC006-SW-190710 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 18:10:18 DataFile Name : 064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7986	8026	7826	7946	1.33	cps
Molybdenum	94-1	942	983	1017	981	3.83	cps
Molybdenum	95-1	1283	1375	1342	1333	3.48	cps
Molybdenum	96-1	1508	1542	1775	1608	9.03	cps
Molybdenum	97-1	817	925	842	861	6.59	cps
Molybdenum	98-1	2200	2142	2117	2153	1.99	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	487	523	503	504	3.64	cps
Phosphorus	31-2	225	233	175	211	14.94	cps
Potassium	39-2	255785	258918	255836	256846	0.70	cps
Rhodium	103-1	1755045	1724980	1773330	1751118	1.39	cps
Rhodium	103-2	796348	805599	805334	802427	0.66	cps
Scandium	45-1	1850567	1827847	1840660	1839691	0.62	cps
Scandium	45-2	73729	73763	73933	73808	0.15	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	26	31	20	26	21.43	cps
Selenium	82-1	60	78	11	50	69.15	cps
Silicon	28-1	19676838	19462325	19733317	19624160	0.73	cps
Silver	109-1	117	283	200	200	41.67	cps
Silver	107-1	150	67	158	125	40.55	cps
Sodium	23-2	4143098	4099355	4091577	4111343	0.68	cps
Strontium	86-1	325458	324052	321321	323610	0.65	cps
Strontium	88-1	2859634	2843769	2887293	2863565	0.77	cps
Sulfur	34-1	357668	352191	357999	355953	0.92	cps
Terbium	159-1	2819824	2826764	2825132	2823906	0.13	cps
Terbium	159-2	1259314	1267381	1266728	1264474	0.35	cps
Thallium	203-1	17	33	33	28	34.63	cps
Thallium	205-1	92	117	75	94	22.21	cps
Thorium	232-1	117	144	89	117	23.81	cps
Tin	118-1	2367	2450	2467	2428	2.21	cps
Titanium	47-1	1025	842	883	917	10.48	cps
Uranium	238-1	6477	6802	6702	6660	2.50	cps
Vanadium	51-2	2034	1857	1970	1954	4.58	cps
Yttrium	89-1	2463163	2477749	2497106	2479339	0.69	cps
Yttrium	89-2	306139	307862	308252	307418	0.37	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3756-01	Instrumnet Name :	P7
Client Sample ID :	KY030LC006-SW-190710	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:10:18	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	987	1113	1080	1060	6.19	cps
Zirconium	90-1	542	483	400	475	14.99	cps
Zirconium	91-1	117	83	108	103	16.88	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3756-02 Instrumnet Name : P7
 Client Sample ID : KY030SW001-SW-19071 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 18:13:56 DataFile Name : 065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	375	492	400	422	14.56	cps
Antimony	121-1	1558	1700	1792	1684	6.98	cps
Arsenic	75-2	133	117	104	118	12.60	cps
Barium	135-1	53328	52651	53319	53100	0.73	cps
Barium	137-1	92046	91375	92751	92057	0.75	cps
Beryllium	9-1	57	53	47	52	9.75	cps
Bismuth	209-1	1444974	1461031	1444579	1450195	0.65	cps
Bismuth	209-2	764236	770080	781684	772000	1.15	cps
Boron	10-1	66362	67761	68673	67599	1.72	cps
Boron	11-1	303331	310992	314613	309645	1.86	cps
Cadmium	111-1	637	454	600	564	17.18	cps
Cadmium	106-1	900	617	858	792	19.32	cps
Cadmium	108-1	8	4	13	8	49.98	cps
Calcium	43-1	931217	914805	921035	922352	0.90	cps
Calcium	44-1	15010648	14995127	15154807	15053527	0.58	cps
Chromium	52-2	1357	1273	1297	1309	3.28	cps
Cobalt	59-2	193	263	200	219	17.65	cps
Copper	63-2	1503	1500	1443	1482	2.28	cps
Dysprosium	156-1	17	0	25	14	91.65	cps
Dysprosium	156-2	17	7	3	9	78.08	cps
Erbium	164-1	0	17	25	14	91.65	cps
Erbium	164-2	17	20	0	12	87.67	cps
Gadolinium	160-1	17	50	25	31	56.77	cps
Gadolinium	160-2	27	43	40	37	24.04	cps
Holmium	165-1	2599529	2627467	2649110	2625369	0.95	cps
Holmium	165-2	1246115	1257903	1259075	1254365	0.57	cps
Indium	115-1	1764298	1776689	1781471	1774153	0.50	cps
Indium	115-2	324732	325588	329401	326574	0.76	cps
Iron	56-2	11877	12089	11944	11970	0.90	cps
Iron	57-2	5312	4918	4962	5064	4.27	cps
Krypton	83-1	120	67	77	88	32.29	cps
Lead	206-1	472	367	372	404	14.72	cps
Lead	207-1	283	300	256	280	8.03	cps
Lead	208-1	1478	1395	1350	1407	4.61	cps
Lithium	6-1	1178719	1183408	1172604	1178243	0.46	cps
Magnesium	24-2	948160	945614	966302	953359	1.18	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3756-02	Instrumnet Name :	P7
Client Sample ID :	KY030SW001-SW-19071	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:13:56	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3114	3307	3254	3225	3.10	cps
Molybdenum	94-1	783	917	742	814	11.23	cps
Molybdenum	95-1	1183	1025	1283	1164	11.19	cps
Molybdenum	96-1	1292	1275	1150	1239	6.25	cps
Molybdenum	97-1	633	633	583	617	4.68	cps
Molybdenum	98-1	1734	1667	1700	1700	1.96	cps
Neodymium	150-1	13	33	33	27	43.31	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	943	840	870	884	6.01	cps
Phosphorus	31-2	75	67	42	61	28.38	cps
Potassium	39-2	302277	302119	307770	304055	1.06	cps
Rhodium	103-1	1738964	1735022	1767444	1747143	1.01	cps
Rhodium	103-2	795040	800783	810340	802054	0.96	cps
Scandium	45-1	1863078	1846465	1845716	1851753	0.53	cps
Scandium	45-2	74724	73159	75056	74313	1.36	cps
Selenium	77-2	10	7	7	8	24.71	cps
Selenium	78-2	31	26	30	29	9.74	cps
Selenium	82-1	212	202	221	212	4.35	cps
Silicon	28-1	29537815	29171389	29581293	29430166	0.77	cps
Silver	109-1	167	233	100	167	40.00	cps
Silver	107-1	117	83	192	131	42.50	cps
Sodium	23-2	13197482	13159510	13445497	13267497	1.17	cps
Strontium	86-1	379904	385656	384102	383221	0.78	cps
Strontium	88-1	3376084	3397793	3431238	3401705	0.82	cps
Sulfur	34-1	748493	738747	745544	744262	0.67	cps
Terbium	159-1	2802724	2810995	2811244	2808321	0.17	cps
Terbium	159-2	1246909	1259473	1293288	1266556	1.89	cps
Thallium	203-1	58	33	33	42	34.65	cps
Thallium	205-1	108	100	75	94	18.37	cps
Thorium	232-1	156	156	78	130	34.64	cps
Tin	118-1	2375	2817	2617	2603	8.50	cps
Titanium	47-1	758	725	742	742	2.25	cps
Uranium	238-1	9579	9587	9037	9401	3.36	cps
Vanadium	51-2	4077	4341	4284	4234	3.27	cps
Yttrium	89-1	2452323	2484947	2506919	2481396	1.11	cps
Yttrium	89-2	305477	306636	310449	307520	0.85	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3756-02	Instrumnet Name :	P7
Client Sample ID :	KY030SW001-SW-19071	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:13:56	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	783	723	767	758	4.09	cps
Zirconium	90-1	508	342	342	397	24.23	cps
Zirconium	91-1	108	125	83	106	19.87	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3756-03 Instrumnet Name : P7
 Client Sample ID : KY030SP011-SW-190710 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 18:17:32 DataFile Name : 066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	58	33	61	47.89	cps
Antimony	121-1	1433	1400	1483	1439	2.92	cps
Arsenic	75-2	74	104	89	89	16.67	cps
Barium	135-1	41171	41396	41078	41215	0.40	cps
Barium	137-1	70546	70914	71125	70862	0.41	cps
Beryllium	9-1	53	43	57	51	13.58	cps
Bismuth	209-1	1492167	1498914	1505218	1498766	0.44	cps
Bismuth	209-2	784424	801933	793530	793296	1.10	cps
Boron	10-1	44776	46079	46063	45639	1.64	cps
Boron	11-1	211545	212846	214652	213014	0.73	cps
Cadmium	111-1	636	641	606	628	3.02	cps
Cadmium	106-1	867	892	842	867	2.88	cps
Cadmium	108-1	0	0	0	0	0.00	cps
Calcium	43-1	1245962	1230811	1236463	1237745	0.62	cps
Calcium	44-1	20548549	20234792	20494098	20425813	0.82	cps
Chromium	52-2	8423	8459	8819	8567	2.56	cps
Cobalt	59-2	100	137	123	120	15.47	cps
Copper	63-2	1390	1377	1367	1378	0.85	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	17	8	25	17	50.01	cps
Erbium	164-2	0	7	7	4	86.60	cps
Gadolinium	160-1	17	17	0	11	86.60	cps
Gadolinium	160-2	33	33	37	34	5.60	cps
Holmium	165-1	2652411	2682252	2723728	2686130	1.33	cps
Holmium	165-2	1264338	1272768	1270327	1269144	0.34	cps
Indium	115-1	1842796	1819199	1844838	1835611	0.78	cps
Indium	115-2	323657	331539	334774	329990	1.73	cps
Iron	56-2	4245	4206	4217	4223	0.47	cps
Iron	57-2	6274	6652	6579	6502	3.09	cps
Krypton	83-1	80	67	53	67	20.00	cps
Lead	206-1	250	272	339	287	16.12	cps
Lead	207-1	133	233	222	196	27.92	cps
Lead	208-1	1078	1022	1245	1115	10.37	cps
Lithium	6-1	1193669	1181990	1181625	1185761	0.58	cps
Magnesium	24-2	634229	639451	632920	635533	0.54	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3756-03 Instrumnet Name : P7
 Client Sample ID : KY030SP011-SW-190710 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 18:17:32 DataFile Name : 066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2210	2210	2214	2211	0.09	cps
Molybdenum	94-1	792	592	675	686	14.64	cps
Molybdenum	95-1	950	925	875	917	4.17	cps
Molybdenum	96-1	992	900	992	961	5.51	cps
Molybdenum	97-1	592	508	392	497	20.20	cps
Molybdenum	98-1	1458	1433	1383	1425	2.68	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	143	143	187	158	15.86	cps
Phosphorus	31-2	50	58	67	58	14.29	cps
Potassium	39-2	157360	161108	160871	159779	1.31	cps
Rhodium	103-1	1790072	1803467	1790735	1794758	0.42	cps
Rhodium	103-2	803141	825562	826453	818385	1.61	cps
Scandium	45-1	1918940	1875456	1882906	1892434	1.23	cps
Scandium	45-2	74412	75850	75434	75232	0.98	cps
Selenium	77-2	10	3	7	7	50.03	cps
Selenium	78-2	24	20	35	27	29.06	cps
Selenium	82-1	193	209	228	210	8.43	cps
Silicon	28-1	26698043	26449414	26489529	26545662	0.50	cps
Silver	109-1	117	150	200	156	26.96	cps
Silver	107-1	92	183	92	122	43.30	cps
Sodium	23-2	7004407	7028428	7020582	7017806	0.17	cps
Strontium	86-1	387812	378744	382095	382884	1.20	cps
Strontium	88-1	3362814	3380008	3390505	3377776	0.41	cps
Sulfur	34-1	405215	401115	398131	401487	0.89	cps
Terbium	159-1	2872240	2888436	2914367	2891681	0.73	cps
Terbium	159-2	1270049	1284943	1298948	1284647	1.12	cps
Thallium	203-1	42	25	33	33	25.01	cps
Thallium	205-1	92	58	50	67	33.07	cps
Thorium	232-1	72	89	61	74	18.88	cps
Tin	118-1	2784	2617	2550	2650	4.54	cps
Titanium	47-1	617	692	692	667	6.50	cps
Uranium	238-1	14175	13566	13958	13900	2.22	cps
Vanadium	51-2	2900	2884	3167	2984	5.33	cps
Yttrium	89-1	2550670	2565633	2550031	2555445	0.35	cps
Yttrium	89-2	307154	314578	315949	312560	1.51	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3756-03	Instrumnet Name :	P7
Client Sample ID :	KY030SP011-SW-190710	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:17:32	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	523	573	520	539	5.54	cps
Zirconium	90-1	375	350	275	333	15.61	cps
Zirconium	91-1	117	25	42	61	79.90	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P7
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:27:00	DataFile Name :	067CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1705440	1732871	1753005	1730438	1.38	cps
Antimony	121-1	1062865	1066359	1058340	1062521	0.38	cps
Arsenic	75-2	40597	41093	41561	41084	1.17	cps
Barium	135-1	1306491	1305524	1289999	1300671	0.71	cps
Barium	137-1	2309597	2342991	2320431	2324339	0.73	cps
Beryllium	9-1	464575	470837	464768	466727	0.76	cps
Bismuth	209-1	1303398	1310546	1283952	1299298	1.06	cps
Bismuth	209-2	741828	761429	765955	756404	1.70	cps
Boron	10-1	81100	83866	85852	83606	2.85	cps
Boron	11-1	361532	373674	368511	367906	1.66	cps
Cadmium	111-1	281726	283650	280206	281861	0.61	cps
Cadmium	106-1	33349	33240	32463	33017	1.46	cps
Cadmium	108-1	22752	22685	23027	22821	0.80	cps
Calcium	43-1	2732407	2742537	2720778	2731907	0.40	cps
Calcium	44-1	43471918	43618053	42923891	43337954	0.84	cps
Chromium	52-2	427367	433471	437718	432852	1.20	cps
Cobalt	59-2	563843	569360	576861	570021	1.15	cps
Copper	63-2	745877	760261	766189	757442	1.38	cps
Dysprosium	156-1	8	17	50	25	88.19	cps
Dysprosium	156-2	47	40	47	44	8.66	cps
Erbium	164-1	33	17	33	28	34.63	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	33	17	25	25	33.32	cps
Gadolinium	160-2	47	40	43	43	7.70	cps
Holmium	165-1	2499006	2479917	2460417	2479780	0.78	cps
Holmium	165-2	1283689	1315116	1338779	1312528	2.11	cps
Indium	115-1	1667083	1657554	1645523	1656720	0.65	cps
Indium	115-2	332166	342370	344166	339567	1.91	cps
Iron	56-2	77227018	77541677	77849013	77539236	0.40	cps
Iron	57-2	1974941	1977635	1991171	1981249	0.44	cps
Krypton	83-1	110	57	97	88	31.62	cps
Lead	206-1	727551	733994	722235	727927	0.81	cps
Lead	207-1	669735	658150	648647	658844	1.60	cps
Lead	208-1	3017667	3025695	2967510	3003624	1.05	cps
Lithium	6-1	1178631	1174501	1161063	1171398	0.78	cps
Magnesium	24-2	19228390	19326709	19543583	19366227	0.83	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P7
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:27:00	DataFile Name :	067CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	474095	481856	491513	482488	1.81	cps
Molybdenum	94-1	2872783	2907789	2907959	2896177	0.70	cps
Molybdenum	95-1	3694070	3718016	3711176	3707754	0.33	cps
Molybdenum	96-1	4061691	4072080	4121950	4085240	0.79	cps
Molybdenum	97-1	2231789	2260404	2249900	2247364	0.64	cps
Molybdenum	98-1	5854474	5906970	5923499	5894981	0.61	cps
Neodymium	150-1	47	127	173	116	55.44	cps
Neodymium	150-2	23	20	17	20	16.65	cps
Nickel	60-2	140538	142393	144016	142316	1.22	cps
Phosphorus	31-2	18170	18195	18963	18443	2.44	cps
Potassium	39-2	8533149	8683114	8784060	8666774	1.46	cps
Rhodium	103-1	1609148	1622407	1608586	1613380	0.48	cps
Rhodium	103-2	769810	785977	798311	784699	1.82	cps
Scandium	45-1	1867837	1878955	1863238	1870010	0.43	cps
Scandium	45-2	79699	79857	82987	80848	2.29	cps
Selenium	77-2	1120	1230	1220	1190	5.11	cps
Selenium	78-2	3775	3817	3884	3825	1.44	cps
Selenium	82-1	25364	25418	25342	25374	0.15	cps
Silicon	28-1	1582765	1649748	1676850	1636454	2.96	cps
Silver	109-1	1199624	1211028	1224986	1211879	1.05	cps
Silver	107-1	667241	665427	640806	657825	2.24	cps
Sodium	23-2	38960167	39315211	39454347	39243242	0.65	cps
Strontium	86-1	394595	402019	391932	396182	1.32	cps
Strontium	88-1	3468708	3485140	3471590	3475146	0.25	cps
Sulfur	34-1	383134	383158	381609	382633	0.23	cps
Terbium	159-1	2709167	2678620	2642029	2676605	1.26	cps
Terbium	159-2	1292663	1324743	1341681	1319696	1.89	cps
Thallium	203-1	899645	889762	887012	892139	0.74	cps
Thallium	205-1	2256636	2229627	2203474	2229912	1.19	cps
Thorium	232-1	3899444	3942866	3872002	3904771	0.92	cps
Tin	118-1	803181	801502	796438	800373	0.44	cps
Titanium	47-1	1379329	1396099	1363506	1379645	1.18	cps
Uranium	238-1	3804972	3879783	3783843	3822866	1.32	cps
Vanadium	51-2	366567	370428	375223	370739	1.17	cps
Yttrium	89-1	2432988	2411756	2404024	2416256	0.62	cps
Yttrium	89-2	326101	333175	340798	333358	2.20	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P7
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:27:00	DataFile Name :	067CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	114035	115754	117545	115778	1.52	cps
Zirconium	90-1	2238876	2245613	2217998	2234162	0.64	cps
Zirconium	91-1	477782	483812	477011	479535	0.78	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : CCB09 Instrumnet Name : P7
 Client Sample ID : CCB09 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 18:31:20 DataFile Name : 068CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	92	92	106	22.79	cps
Antimony	121-1	425	433	500	453	9.08	cps
Arsenic	75-2	0	2	7	3	124.95	cps
Barium	135-1	58	67	75	67	12.49	cps
Barium	137-1	83	33	75	64	41.93	cps
Beryllium	9-1	140	73	97	103	32.74	cps
Bismuth	209-1	1477365	1491232	1472445	1480347	0.66	cps
Bismuth	209-2	846404	856653	857889	853649	0.74	cps
Boron	10-1	3692	3342	3375	3470	5.57	cps
Boron	11-1	17628	16043	15700	16457	6.25	cps
Cadmium	111-1	693	605	640	646	6.79	cps
Cadmium	106-1	942	833	867	881	6.30	cps
Cadmium	108-1	0	4	0	1	173.21	cps
Calcium	43-1	200	125	117	147	31.17	cps
Calcium	44-1	5626	5543	5501	5557	1.15	cps
Chromium	52-2	207	247	240	231	9.27	cps
Cobalt	59-2	30	20	27	26	19.92	cps
Copper	63-2	260	273	243	259	5.81	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	0	0	0	0.00	cps
Erbium	164-2	7	0	0	2	173.21	cps
Gadolinium	160-1	17	17	25	19	24.73	cps
Gadolinium	160-2	27	43	53	41	32.76	cps
Holmium	165-1	2533238	2579651	2558959	2557283	0.91	cps
Holmium	165-2	1314606	1331758	1332304	1326223	0.76	cps
Indium	115-1	1812002	1853143	1811195	1825446	1.31	cps
Indium	115-2	356182	363806	363712	361234	1.21	cps
Iron	56-2	4023	3901	4128	4017	2.84	cps
Iron	57-2	128	133	111	124	9.32	cps
Krypton	83-1	110	80	97	96	15.73	cps
Lead	206-1	122	106	206	144	37.09	cps
Lead	207-1	111	100	78	96	17.62	cps
Lead	208-1	544	489	578	537	8.36	cps
Lithium	6-1	1261354	1258152	1243391	1254299	0.76	cps
Magnesium	24-2	650	667	675	664	1.92	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : CCB09 Instrumnet Name : P7
 Client Sample ID : CCB09 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 18:31:20 DataFile Name : 068CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	30	10	23	21	48.24	cps
Molybdenum	94-1	383	367	425	392	7.67	cps
Molybdenum	95-1	492	492	458	481	4.00	cps
Molybdenum	96-1	533	542	517	531	2.40	cps
Molybdenum	97-1	233	275	275	261	9.21	cps
Molybdenum	98-1	758	742	525	675	19.29	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	13	20	13	16	24.76	cps
Phosphorus	31-2	42	67	83	64	32.83	cps
Potassium	39-2	7569	7327	7352	7416	1.79	cps
Rhodium	103-1	1827000	1846959	1829902	1834620	0.59	cps
Rhodium	103-2	870625	874392	873973	872997	0.24	cps
Scandium	45-1	1958880	1996440	1949546	1968289	1.26	cps
Scandium	45-2	82294	81861	81362	81839	0.57	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	11	20	33	22	51.66	cps
Selenium	82-1	-17	31	0	4	553.99	cps
Silicon	28-1	82871	82880	82117	82622	0.53	cps
Silver	109-1	100	100	133	111	17.32	cps
Silver	107-1	100	108	67	92	24.05	cps
Sodium	23-2	9345	9161	9161	9223	1.15	cps
Strontium	86-1	175	83	183	147	37.69	cps
Strontium	88-1	167	167	175	169	2.84	cps
Sulfur	34-1	190856	189226	186924	189002	1.05	cps
Terbium	159-1	2755271	2798696	2780889	2778285	0.79	cps
Terbium	159-2	1327729	1349023	1352764	1343172	1.01	cps
Thallium	203-1	233	250	167	217	20.35	cps
Thallium	205-1	475	525	408	469	12.47	cps
Thorium	232-1	600	628	494	574	12.25	cps
Tin	118-1	250	267	167	228	23.52	cps
Titanium	47-1	100	83	125	103	20.41	cps
Uranium	238-1	217	158	142	172	22.87	cps
Vanadium	51-2	7	13	23	14	58.06	cps
Yttrium	89-1	2523254	2540138	2524362	2529251	0.37	cps
Yttrium	89-2	338754	337560	339391	338569	0.27	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P7
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:31:20	DataFile Name :	068CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	60	63	103	76	31.92	cps
Zirconium	90-1	392	217	375	328	29.47	cps
Zirconium	91-1	83	92	42	72	37.09	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3756-04 Instrumnet Name : P7
 Client Sample ID : KY030SP003-SW-19071 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 18:34:59 DataFile Name : 069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6043	6268	5910	6074	2.98	cps
Antimony	121-1	2325	1875	2050	2084	10.89	cps
Arsenic	75-2	70	57	81	70	17.27	cps
Barium	135-1	50418	50685	50903	50668	0.48	cps
Barium	137-1	89135	88591	89337	89021	0.43	cps
Beryllium	9-1	93	80	80	84	9.12	cps
Bismuth	209-1	1439812	1456833	1470084	1455576	1.04	cps
Bismuth	209-2	783879	787549	800178	790535	1.08	cps
Boron	10-1	32485	33905	34415	33602	2.98	cps
Boron	11-1	152310	153058	159449	154939	2.53	cps
Cadmium	111-1	744	538	554	612	18.71	cps
Cadmium	106-1	950	700	717	789	17.72	cps
Cadmium	108-1	0	8	8	6	86.60	cps
Calcium	43-1	1278735	1281809	1282716	1281087	0.16	cps
Calcium	44-1	20792128	20948292	21069689	20936703	0.66	cps
Chromium	52-2	3257	3364	3210	3277	2.40	cps
Cobalt	59-2	133	257	213	201	31.11	cps
Copper	63-2	1790	1833	1847	1823	1.62	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	25	33	8	22	57.29	cps
Erbium	164-2	7	0	3	3	100.05	cps
Gadolinium	160-1	25	0	25	17	86.60	cps
Gadolinium	160-2	20	63	37	40	54.64	cps
Holmium	165-1	2560811	2595539	2620954	2592435	1.16	cps
Holmium	165-2	1265644	1258826	1284280	1269584	1.04	cps
Indium	115-1	1754385	1783705	1813146	1783745	1.65	cps
Indium	115-2	334281	330242	335238	333254	0.80	cps
Iron	56-2	15953	15692	15998	15881	1.04	cps
Iron	57-2	7191	7291	7102	7195	1.31	cps
Krypton	83-1	87	70	103	87	19.23	cps
Lead	206-1	667	494	561	574	15.13	cps
Lead	207-1	494	467	528	496	6.16	cps
Lead	208-1	2595	2156	2439	2396	9.29	cps
Lithium	6-1	1228926	1227752	1242898	1233192	0.68	cps
Magnesium	24-2	783204	781977	784786	783322	0.18	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3756-04	Instrumnet Name :	P7
Client Sample ID :	KY030SP003-SW-19071	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:34:59	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3244	3027	3140	3137	3.46	cps
Molybdenum	94-1	1192	1208	1108	1170	4.58	cps
Molybdenum	95-1	1600	1367	1325	1431	10.36	cps
Molybdenum	96-1	1842	1792	1592	1742	7.60	cps
Molybdenum	97-1	1092	958	1000	1017	6.71	cps
Molybdenum	98-1	2267	2359	2459	2361	4.06	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	553	517	567	546	4.75	cps
Phosphorus	31-2	108	75	150	111	33.82	cps
Potassium	39-2	161782	160291	161696	161256	0.52	cps
Rhodium	103-1	1724644	1734230	1763787	1740887	1.17	cps
Rhodium	103-2	819169	808415	824710	817431	1.01	cps
Scandium	45-1	1891482	1886804	1901970	1893419	0.41	cps
Scandium	45-2	76557	75183	75863	75867	0.91	cps
Selenium	77-2	7	10	7	8	24.71	cps
Selenium	78-2	24	28	11	21	41.70	cps
Selenium	82-1	116	141	105	121	15.25	cps
Silicon	28-1	28166160	28551920	28563012	28427031	0.79	cps
Silver	109-1	517	508	367	464	18.17	cps
Silver	107-1	350	379	242	324	22.39	cps
Sodium	23-2	4352809	4287215	4306219	4315414	0.78	cps
Strontium	86-1	436306	445234	442947	441496	1.05	cps
Strontium	88-1	3874766	3902008	3945252	3907342	0.91	cps
Sulfur	34-1	338509	333335	329811	333885	1.31	cps
Terbium	159-1	2744771	2762412	2826262	2777815	1.54	cps
Terbium	159-2	1285994	1281843	1299643	1289160	0.72	cps
Thallium	203-1	383	308	192	294	32.80	cps
Thallium	205-1	942	625	583	717	27.35	cps
Thorium	232-1	567	456	528	517	10.91	cps
Tin	118-1	2609	2542	2800	2650	5.06	cps
Titanium	47-1	792	783	950	842	11.16	cps
Uranium	238-1	14008	14417	15118	14514	3.87	cps
Vanadium	51-2	2620	2644	2594	2619	0.96	cps
Yttrium	89-1	2448309	2482907	2494726	2475314	0.97	cps
Yttrium	89-2	316075	311957	319289	315773	1.16	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3756-04	Instrumnet Name :	P7
Client Sample ID :	KY030SP003-SW-19071	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:34:59	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	15585	15835	16086	15835	1.58	cps
Zirconium	90-1	700	633	683	672	5.16	cps
Zirconium	91-1	250	142	158	183	31.82	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3757-04	Instrumnet Name :	P7
Client Sample ID :	EB-02-190710	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:38:35	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	25	50	28	75.51	cps
Antimony	121-1	125	125	108	119	8.06	cps
Arsenic	75-2	2	2	2	2	0.00	cps
Barium	135-1	42	50	50	47	10.18	cps
Barium	137-1	67	50	58	58	14.29	cps
Beryllium	9-1	67	93	53	71	28.65	cps
Bismuth	209-1	1684586	1658812	1649979	1664459	1.08	cps
Bismuth	209-2	909351	914037	912746	912045	0.27	cps
Boron	10-1	2825	2642	2667	2711	3.67	cps
Boron	11-1	12906	11763	11513	12061	6.16	cps
Cadmium	111-1	748	672	593	671	11.62	cps
Cadmium	106-1	1042	942	825	936	11.59	cps
Cadmium	108-1	8	0	8	6	86.60	cps
Calcium	43-1	1500	1358	1217	1358	10.43	cps
Calcium	44-1	23770	24604	23119	23831	3.12	cps
Chromium	52-2	220	263	303	262	15.89	cps
Cobalt	59-2	7	17	0	8	107.84	cps
Copper	63-2	390	347	343	360	7.23	cps
Dysprosium	156-1	0	8	0	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	0	1	173.21	cps
Gadolinium	160-1	17	0	0	6	173.21	cps
Gadolinium	160-2	50	40	50	47	12.37	cps
Holmium	165-1	2919896	2871288	2845419	2878868	1.31	cps
Holmium	165-2	1422621	1425161	1415634	1421139	0.35	cps
Indium	115-1	2068327	2035497	2001662	2035162	1.64	cps
Indium	115-2	382832	386147	386615	385198	0.54	cps
Iron	56-2	1750	1600	1567	1639	5.96	cps
Iron	57-2	139	61	78	93	44.23	cps
Krypton	83-1	100	117	60	92	31.58	cps
Lead	206-1	122	122	139	128	7.53	cps
Lead	207-1	94	78	133	102	27.99	cps
Lead	208-1	489	489	572	517	9.31	cps
Lithium	6-1	1420470	1391460	1359018	1390316	2.21	cps
Magnesium	24-2	592	583	633	603	4.44	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3757-04	Instrumnet Name :	P7
Client Sample ID :	EB-02-190710	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:38:35	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	43	47	33	41	16.89	cps
Molybdenum	94-1	108	83	158	117	32.73	cps
Molybdenum	95-1	92	67	58	72	24.02	cps
Molybdenum	96-1	50	150	83	94	53.91	cps
Molybdenum	97-1	50	25	33	36	35.25	cps
Molybdenum	98-1	117	83	108	103	16.88	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	37	17	37	30	38.49	cps
Phosphorus	31-2	17	42	50	36	48.03	cps
Potassium	39-2	7694	7394	7602	7563	2.03	cps
Rhodium	103-1	2066728	2042556	1998113	2035799	1.71	cps
Rhodium	103-2	932592	932654	938789	934678	0.38	cps
Scandium	45-1	2198325	2179502	2131602	2169809	1.59	cps
Scandium	45-2	86564	87251	87144	86987	0.43	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	24	7	12	92.52	cps
Selenium	82-1	4	-20	18	0	5213.99	cps
Silicon	28-1	107425	104656	102466	104849	2.37	cps
Silver	109-1	142	67	75	94	43.53	cps
Silver	107-1	4	58	71	44	79.75	cps
Sodium	23-2	16910	17152	16610	16891	1.61	cps
Strontium	86-1	517	442	558	506	11.70	cps
Strontium	88-1	3217	3092	2650	2987	9.97	cps
Sulfur	34-1	187439	188057	185539	187012	0.70	cps
Terbium	159-1	3110604	3086008	3042746	3079786	1.12	cps
Terbium	159-2	1429395	1425853	1429132	1428127	0.14	cps
Thallium	203-1	33	50	42	42	20.00	cps
Thallium	205-1	92	108	58	86	29.56	cps
Thorium	232-1	61	78	72	70	12.06	cps
Tin	118-1	125	83	108	106	19.87	cps
Titanium	47-1	92	25	100	72	56.92	cps
Uranium	238-1	8	8	17	11	43.34	cps
Vanadium	51-2	7	23	17	16	53.90	cps
Yttrium	89-1	2845954	2830191	2736731	2804292	2.11	cps
Yttrium	89-2	356576	362461	358040	359026	0.85	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3757-04	Instrumnet Name :	P7
Client Sample ID :	EB-02-190710	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:38:35	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	143	143	180	156	13.61	cps
Zirconium	90-1	275	208	142	208	32.00	cps
Zirconium	91-1	33	58	33	42	34.65	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-02	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0961	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:42:12	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	317	550	492	453	26.82	cps
Antimony	121-1	1467	1050	1383	1300	16.96	cps
Arsenic	75-2	883	917	867	889	2.86	cps
Barium	135-1	85798	85840	86871	86170	0.71	cps
Barium	137-1	150374	150154	151923	150817	0.64	cps
Beryllium	9-1	77	50	53	60	24.22	cps
Bismuth	209-1	1510595	1498767	1515169	1508177	0.56	cps
Bismuth	209-2	754764	718106	807017	759962	5.88	cps
Boron	10-1	8686	8711	8544	8647	1.04	cps
Boron	11-1	39010	38116	38792	38639	1.21	cps
Cadmium	111-1	656	662	632	650	2.41	cps
Cadmium	106-1	892	892	842	875	3.30	cps
Cadmium	108-1	8	0	4	4	99.96	cps
Calcium	43-1	1842462	1838689	1849799	1843650	0.31	cps
Calcium	44-1	30195999	30502559	30765762	30488107	0.94	cps
Chromium	52-2	1510	1513	1533	1519	0.83	cps
Cobalt	59-2	1890	1857	1907	1885	1.35	cps
Copper	63-2	1513	1537	1623	1558	3.72	cps
Dysprosium	156-1	42	92	50	61	43.83	cps
Dysprosium	156-2	43	40	37	40	8.32	cps
Erbium	164-1	75	75	58	69	13.85	cps
Erbium	164-2	40	40	80	53	43.30	cps
Gadolinium	160-1	83	117	75	92	24.05	cps
Gadolinium	160-2	80	90	80	83	6.93	cps
Holmium	165-1	2717541	2664286	2730778	2704202	1.30	cps
Holmium	165-2	1214706	1157508	1311886	1228033	6.36	cps
Indium	115-1	1844317	1814623	1854801	1837914	1.13	cps
Indium	115-2	309760	293568	334886	312738	6.66	cps
Iron	56-2	6661697	6662243	6554839	6626260	0.93	cps
Iron	57-2	180496	181306	179748	180517	0.43	cps
Krypton	83-1	93	113	130	112	16.36	cps
Lead	206-1	522	450	400	457	13.43	cps
Lead	207-1	344	333	333	337	1.90	cps
Lead	208-1	1939	1567	1633	1713	11.59	cps
Lithium	6-1	1259700	1227785	1236385	1241290	1.33	cps
Magnesium	24-2	919011	934279	920885	924725	0.90	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-02	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0961	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:42:12	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	884595	896492	889028	890039	0.68	cps
Molybdenum	94-1	1417	1400	1442	1420	1.48	cps
Molybdenum	95-1	258	383	408	350	22.96	cps
Molybdenum	96-1	850	667	708	742	12.96	cps
Molybdenum	97-1	225	292	233	250	14.53	cps
Molybdenum	98-1	633	575	600	603	4.85	cps
Neodymium	150-1	107	73	73	84	22.79	cps
Neodymium	150-2	40	27	30	32	21.53	cps
Nickel	60-2	877	1060	963	967	9.49	cps
Phosphorus	31-2	75	75	92	81	11.95	cps
Potassium	39-2	161385	163502	161696	162194	0.70	cps
Rhodium	103-1	1790092	1780608	1804839	1791846	0.68	cps
Rhodium	103-2	764864	730109	824344	773106	6.16	cps
Scandium	45-1	1955244	1904097	1940390	1933244	1.36	cps
Scandium	45-2	72550	67109	74452	71370	5.34	cps
Selenium	77-2	7	10	0	6	91.64	cps
Selenium	78-2	19	9	15	14	32.83	cps
Selenium	82-1	33	21	-3	17	106.46	cps
Silicon	28-1	21040515	21074888	21324229	21146544	0.73	cps
Silver	109-1	175	267	208	217	21.41	cps
Silver	107-1	229	67	104	133	63.82	cps
Sodium	23-2	1001453	1025407	1019722	1015527	1.23	cps
Strontium	86-1	781633	787542	781647	783607	0.43	cps
Strontium	88-1	6896387	6887668	6916653	6900236	0.22	cps
Sulfur	34-1	180538	175731	177436	177902	1.37	cps
Terbium	159-1	2887029	2854614	2909747	2883797	0.96	cps
Terbium	159-2	1212915	1169165	1299921	1227334	5.42	cps
Thallium	203-1	75	58	58	64	15.05	cps
Thallium	205-1	167	150	142	153	8.33	cps
Thorium	232-1	172	250	222	215	18.35	cps
Tin	118-1	1850	1792	1909	1850	3.15	cps
Titanium	47-1	1167	1033	1425	1208	16.48	cps
Uranium	238-1	4910	5243	4968	5040	3.53	cps
Vanadium	51-2	270	273	260	268	2.59	cps
Yttrium	89-1	2577318	2533423	2586104	2565615	1.10	cps
Yttrium	89-2	295154	280615	316032	297267	5.99	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-02	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0961	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:42:12	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1413	1313	1300	1342	4.61	cps
Zirconium	90-1	3159	3034	3042	3078	2.27	cps
Zirconium	91-1	683	658	642	661	3.17	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-03	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0961-9001	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:45:48	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	508	650	467	542	17.74	cps
Antimony	121-1	1242	1258	1175	1225	3.60	cps
Arsenic	75-2	889	902	948	913	3.41	cps
Barium	135-1	88632	89220	87759	88537	0.83	cps
Barium	137-1	152276	153129	152245	152550	0.33	cps
Beryllium	9-1	87	63	67	72	17.48	cps
Bismuth	209-1	1446880	1477153	1466985	1463672	1.05	cps
Bismuth	209-2	789805	799446	803205	797485	0.87	cps
Boron	10-1	7627	8561	8519	8236	6.41	cps
Boron	11-1	37297	37656	36754	37236	1.22	cps
Cadmium	111-1	688	638	576	634	8.82	cps
Cadmium	106-1	933	892	800	875	7.80	cps
Cadmium	108-1	4	17	13	11	57.27	cps
Calcium	43-1	1851268	1843455	1833606	1842777	0.48	cps
Calcium	44-1	30426523	30623856	30572885	30541088	0.34	cps
Chromium	52-2	1533	1530	1577	1547	1.68	cps
Cobalt	59-2	1867	1810	1924	1867	3.04	cps
Copper	63-2	1513	1590	1587	1563	2.77	cps
Dysprosium	156-1	42	42	42	42	0.00	cps
Dysprosium	156-2	57	47	63	56	15.09	cps
Erbium	164-1	100	92	75	89	14.33	cps
Erbium	164-2	30	53	43	42	27.72	cps
Gadolinium	160-1	75	83	67	75	11.11	cps
Gadolinium	160-2	63	97	87	82	20.81	cps
Holmium	165-1	2622857	2647981	2631887	2634242	0.48	cps
Holmium	165-2	1277876	1272957	1292870	1281234	0.81	cps
Indium	115-1	1780445	1788431	1802134	1790337	0.61	cps
Indium	115-2	329816	327420	333336	330191	0.90	cps
Iron	56-2	6548767	6484593	6487540	6506967	0.56	cps
Iron	57-2	177347	178134	178816	178099	0.41	cps
Krypton	83-1	107	90	140	112	22.69	cps
Lead	206-1	522	483	439	482	8.66	cps
Lead	207-1	378	394	394	389	2.47	cps
Lead	208-1	1711	1850	1639	1733	6.19	cps
Lithium	6-1	1203164	1209514	1195359	1202679	0.59	cps
Magnesium	24-2	914801	919646	923213	919220	0.46	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-03	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0961-9001	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:45:48	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	877065	871760	875472	874766	0.31	cps
Molybdenum	94-1	1317	1442	1350	1370	4.73	cps
Molybdenum	95-1	433	333	317	361	17.47	cps
Molybdenum	96-1	650	775	758	728	9.33	cps
Molybdenum	97-1	292	233	183	236	22.96	cps
Molybdenum	98-1	608	550	525	561	7.62	cps
Neodymium	150-1	87	87	120	98	19.69	cps
Neodymium	150-2	40	17	50	36	48.10	cps
Nickel	60-2	933	900	933	922	2.09	cps
Phosphorus	31-2	42	42	42	42	0.00	cps
Potassium	39-2	157611	158884	160274	158923	0.84	cps
Rhodium	103-1	1745632	1743086	1759828	1749516	0.52	cps
Rhodium	103-2	811056	812173	820823	814684	0.66	cps
Scandium	45-1	1838421	1840510	1843537	1840823	0.14	cps
Scandium	45-2	74741	74088	75193	74674	0.74	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	11	7	26	15	66.15	cps
Selenium	82-1	13	43	-8	16	159.27	cps
Silicon	28-1	21251677	21128399	21252794	21210957	0.34	cps
Silver	109-1	183	200	150	178	14.32	cps
Silver	107-1	92	-33	150	69	134.89	cps
Sodium	23-2	1015098	1003490	1010206	1009598	0.58	cps
Strontium	86-1	796267	799814	780414	792165	1.30	cps
Strontium	88-1	6939142	7134414	7029395	7034317	1.39	cps
Sulfur	34-1	179831	174181	171702	175238	2.38	cps
Terbium	159-1	2763418	2834832	2848100	2815450	1.62	cps
Terbium	159-2	1282193	1286480	1306220	1291631	0.99	cps
Thallium	203-1	42	58	50	50	16.67	cps
Thallium	205-1	67	75	67	69	6.93	cps
Thorium	232-1	194	222	189	202	8.85	cps
Tin	118-1	1850	1875	1550	1759	10.29	cps
Titanium	47-1	1500	1558	1525	1528	1.92	cps
Uranium	238-1	5143	4826	4818	4929	3.76	cps
Vanadium	51-2	333	317	243	298	16.08	cps
Yttrium	89-1	2452343	2512914	2504230	2489829	1.32	cps
Yttrium	89-2	310089	308563	313666	310772	0.84	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-03	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0961-9001	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:45:48	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1697	1630	1640	1656	2.17	cps
Zirconium	90-1	2984	3292	3192	3156	4.99	cps
Zirconium	91-1	667	650	733	683	6.45	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-04	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:49:25	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	783	825	767	792	3.80	cps
Antimony	121-1	1283	1192	1367	1281	6.84	cps
Arsenic	75-2	1863	2008	2043	1971	4.83	cps
Barium	135-1	101924	100218	103552	101898	1.64	cps
Barium	137-1	179851	176451	175033	177112	1.40	cps
Beryllium	9-1	70	120	87	92	27.61	cps
Bismuth	209-1	1487320	1514517	1496573	1499470	0.92	cps
Bismuth	209-2	791410	795561	804763	797245	0.86	cps
Boron	10-1	6043	5543	5968	5851	4.61	cps
Boron	11-1	27017	25405	26006	26143	3.11	cps
Cadmium	111-1	593	637	582	604	4.86	cps
Cadmium	106-1	742	825	808	792	5.57	cps
Cadmium	108-1	8	4	25	13	88.19	cps
Calcium	43-1	1913184	1903238	1892236	1902886	0.55	cps
Calcium	44-1	31669300	31486946	31501750	31552665	0.32	cps
Chromium	52-2	1450	1470	1563	1495	4.05	cps
Cobalt	59-2	5825	5938	6055	5939	1.94	cps
Copper	63-2	1860	1817	2037	1905	6.12	cps
Dysprosium	156-1	225	250	208	228	9.21	cps
Dysprosium	156-2	97	90	83	90	7.41	cps
Erbium	164-1	208	217	167	197	13.59	cps
Erbium	164-2	83	107	110	100	14.53	cps
Gadolinium	160-1	183	267	175	208	24.33	cps
Gadolinium	160-2	157	123	137	139	12.08	cps
Holmium	165-1	2645770	2716393	2698615	2686926	1.37	cps
Holmium	165-2	1273834	1282499	1293178	1283170	0.76	cps
Indium	115-1	1785540	1843563	1818285	1815796	1.60	cps
Indium	115-2	325512	330439	331602	329185	0.98	cps
Iron	56-2	6891460	6882992	6871439	6881963	0.15	cps
Iron	57-2	185844	187469	187920	187078	0.58	cps
Krypton	83-1	93	120	100	104	13.28	cps
Lead	206-1	561	494	522	526	6.37	cps
Lead	207-1	339	333	422	365	13.65	cps
Lead	208-1	2017	1800	1928	1915	5.69	cps
Lithium	6-1	1193324	1206408	1189020	1196250	0.76	cps
Magnesium	24-2	1375483	1360626	1377975	1371361	0.68	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-04	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:49:25	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1081185	1092203	1096209	1089866	0.71	cps
Molybdenum	94-1	2300	2009	2159	2156	6.77	cps
Molybdenum	95-1	908	750	758	806	11.06	cps
Molybdenum	96-1	1375	1292	1400	1356	4.18	cps
Molybdenum	97-1	583	517	508	536	7.67	cps
Molybdenum	98-1	1358	1225	1308	1297	5.19	cps
Neodymium	150-1	273	167	260	233	24.91	cps
Neodymium	150-2	80	103	107	97	15.03	cps
Nickel	60-2	1347	1430	1470	1416	4.45	cps
Phosphorus	31-2	50	83	75	69	24.98	cps
Potassium	39-2	132545	132015	133546	132702	0.59	cps
Rhodium	103-1	1736513	1793429	1767419	1765787	1.61	cps
Rhodium	103-2	807519	806290	813643	809151	0.49	cps
Scandium	45-1	1878068	1927316	1837602	1880995	2.39	cps
Scandium	45-2	74352	74710	74419	74494	0.26	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	13	22	13	16	33.32	cps
Selenium	82-1	36	-6	23	18	123.28	cps
Silicon	28-1	24444770	24013289	24106673	24188244	0.94	cps
Silver	109-1	117	142	275	178	47.88	cps
Silver	107-1	108	104	38	83	47.70	cps
Sodium	23-2	541544	535106	543206	539952	0.79	cps
Strontium	86-1	873907	865133	868141	869061	0.51	cps
Strontium	88-1	7800217	7714826	7937778	7817607	1.44	cps
Sulfur	34-1	286300	279721	281647	282556	1.20	cps
Terbium	159-1	2829581	2879719	2865521	2858273	0.90	cps
Terbium	159-2	1274819	1287238	1306963	1289673	1.26	cps
Thallium	203-1	17	42	25	28	45.82	cps
Thallium	205-1	100	17	75	64	66.93	cps
Thorium	232-1	144	183	217	181	19.92	cps
Tin	118-1	1558	1784	2084	1809	14.57	cps
Titanium	47-1	1225	1267	1208	1233	2.44	cps
Uranium	238-1	11155	10730	10104	10663	4.96	cps
Vanadium	51-2	310	363	317	330	8.81	cps
Yttrium	89-1	2495453	2583205	2539936	2539531	1.73	cps
Yttrium	89-2	312141	311678	313589	312469	0.32	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-04	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:49:25	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1437	1630	1547	1538	6.31	cps
Zirconium	90-1	5118	4618	5184	4973	6.23	cps
Zirconium	91-1	1292	1067	1200	1186	9.54	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-04DUP	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:53:01	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	883	667	808	786	14.00	cps
Antimony	121-1	1200	1225	1283	1236	3.46	cps
Arsenic	75-2	2019	2063	2008	2030	1.45	cps
Barium	135-1	104298	102627	100571	102499	1.82	cps
Barium	137-1	179491	179987	180797	180092	0.37	cps
Beryllium	9-1	50	63	77	63	21.06	cps
Bismuth	209-1	1462088	1474375	1476746	1471070	0.53	cps
Bismuth	209-2	796210	791517	835653	807793	3.00	cps
Boron	10-1	5543	5685	5093	5440	5.68	cps
Boron	11-1	25706	25222	24796	25241	1.80	cps
Cadmium	111-1	505	527	695	575	18.06	cps
Cadmium	106-1	667	733	942	781	18.38	cps
Cadmium	108-1	29	17	21	22	28.64	cps
Calcium	43-1	1910069	1903761	1882314	1898714	0.77	cps
Calcium	44-1	31338472	31563434	31739152	31547019	0.64	cps
Chromium	52-2	1427	1487	1573	1496	4.93	cps
Cobalt	59-2	5651	5915	6068	5878	3.59	cps
Copper	63-2	1984	2040	2077	2034	2.31	cps
Dysprosium	156-1	150	183	133	156	16.37	cps
Dysprosium	156-2	83	97	73	84	13.86	cps
Erbium	164-1	317	208	242	256	21.71	cps
Erbium	164-2	87	107	113	102	13.58	cps
Gadolinium	160-1	242	200	125	189	31.30	cps
Gadolinium	160-2	123	157	140	140	11.90	cps
Holmium	165-1	2618277	2683609	2659902	2653929	1.25	cps
Holmium	165-2	1281969	1275927	1344364	1300753	2.91	cps
Indium	115-1	1793999	1787002	1803487	1794829	0.46	cps
Indium	115-2	328422	327317	348578	334773	3.58	cps
Iron	56-2	6854038	6837956	6836064	6842686	0.14	cps
Iron	57-2	184157	184601	186974	185244	0.82	cps
Krypton	83-1	63	73	97	78	22.00	cps
Lead	206-1	511	572	500	528	7.37	cps
Lead	207-1	544	461	456	487	10.22	cps
Lead	208-1	2100	2028	2033	2054	1.96	cps
Lithium	6-1	1175936	1173340	1165133	1171470	0.48	cps
Magnesium	24-2	1347009	1342990	1351648	1347216	0.32	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-04DUP	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:53:01	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1081806	1078897	1093259	1084654	0.70	cps
Molybdenum	94-1	2442	2184	2334	2320	5.59	cps
Molybdenum	95-1	917	808	767	831	9.32	cps
Molybdenum	96-1	1383	1233	1617	1411	13.69	cps
Molybdenum	97-1	608	492	525	542	11.09	cps
Molybdenum	98-1	1425	1167	1350	1314	10.12	cps
Neodymium	150-1	173	260	193	209	21.72	cps
Neodymium	150-2	67	97	70	78	21.14	cps
Nickel	60-2	1323	1467	1227	1339	9.02	cps
Phosphorus	31-2	92	67	33	64	45.81	cps
Potassium	39-2	129209	132731	131814	131252	1.39	cps
Rhodium	103-1	1740990	1761951	1755423	1752788	0.61	cps
Rhodium	103-2	807623	807343	852741	822569	3.18	cps
Scandium	45-1	1835200	1844178	1829143	1836173	0.41	cps
Scandium	45-2	73957	74181	76510	74883	1.89	cps
Selenium	77-2	7	3	7	6	34.70	cps
Selenium	78-2	17	20	13	17	22.23	cps
Selenium	82-1	49	40	19	36	42.04	cps
Silicon	28-1	24003782	23962320	23806354	23924152	0.44	cps
Silver	109-1	133	175	200	169	19.88	cps
Silver	107-1	108	38	67	71	50.26	cps
Sodium	23-2	533870	529359	535684	532971	0.61	cps
Strontium	86-1	882456	881446	883911	882604	0.14	cps
Strontium	88-1	7765301	7850351	7812585	7809412	0.55	cps
Sulfur	34-1	280261	279881	276547	278896	0.73	cps
Terbium	159-1	2828567	2840684	2828639	2832630	0.25	cps
Terbium	159-2	1280825	1282829	1344394	1302682	2.77	cps
Thallium	203-1	8	25	17	17	50.01	cps
Thallium	205-1	42	25	42	36	26.65	cps
Thorium	232-1	217	206	178	200	10.01	cps
Tin	118-1	1592	1525	1859	1659	10.64	cps
Titanium	47-1	1483	1308	1358	1383	6.52	cps
Uranium	238-1	11189	10863	10463	10838	3.35	cps
Vanadium	51-2	320	290	333	314	7.06	cps
Yttrium	89-1	2467978	2501179	2483794	2484317	0.67	cps
Yttrium	89-2	312657	309291	323696	315214	2.39	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-04DUP	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 18:53:01	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1593	1510	1540	1548	2.73	cps
Zirconium	90-1	5276	4884	4876	5012	4.56	cps
Zirconium	91-1	1108	992	1075	1058	5.68	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-04LX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 18:56:38	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	175	175	183	178	2.71	cps
Antimony	121-1	517	500	450	489	7.10	cps
Arsenic	75-2	400	406	372	393	4.55	cps
Barium	135-1	21776	21976	20557	21437	3.58	cps
Barium	137-1	37000	35238	36273	36170	2.45	cps
Beryllium	9-1	63	57	27	49	39.94	cps
Bismuth	209-1	1614241	1572895	1576880	1588005	1.44	cps
Bismuth	209-2	861929	865524	866328	864593	0.27	cps
Boron	10-1	1859	1884	1950	1897	2.50	cps
Boron	11-1	8728	9120	8411	8753	4.06	cps
Cadmium	111-1	666	583	588	612	7.68	cps
Cadmium	106-1	958	808	850	872	8.88	cps
Cadmium	108-1	13	0	17	10	89.22	cps
Calcium	43-1	415450	404543	407131	409042	1.39	cps
Calcium	44-1	6722818	6580301	6608628	6637249	1.14	cps
Chromium	52-2	497	420	503	473	9.78	cps
Cobalt	59-2	1190	1243	1250	1228	2.68	cps
Copper	63-2	570	647	620	612	6.36	cps
Dysprosium	156-1	33	25	25	28	17.31	cps
Dysprosium	156-2	23	10	13	16	44.60	cps
Erbium	164-1	58	67	25	50	44.10	cps
Erbium	164-2	27	7	10	14	74.18	cps
Gadolinium	160-1	42	42	50	44	10.82	cps
Gadolinium	160-2	50	60	77	62	21.65	cps
Holmium	165-1	2776495	2776933	2766314	2773247	0.22	cps
Holmium	165-2	1333592	1362008	1344469	1346689	1.06	cps
Indium	115-1	1927070	1895484	1914250	1912268	0.83	cps
Indium	115-2	352683	358485	358172	356446	0.92	cps
Iron	56-2	1505495	1524876	1524055	1518142	0.72	cps
Iron	57-2	40869	41236	40696	40934	0.67	cps
Krypton	83-1	107	113	83	101	15.58	cps
Lead	206-1	189	189	139	172	16.76	cps
Lead	207-1	106	144	78	109	30.65	cps
Lead	208-1	517	689	539	582	16.11	cps
Lithium	6-1	1268445	1238619	1230044	1245703	1.62	cps
Magnesium	24-2	290116	294692	290641	291816	0.86	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-04LX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 18:56:38	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	231011	234133	234350	233165	0.80	cps
Molybdenum	94-1	442	542	525	503	10.66	cps
Molybdenum	95-1	208	167	208	194	12.37	cps
Molybdenum	96-1	283	300	292	292	2.86	cps
Molybdenum	97-1	100	133	58	97	38.65	cps
Molybdenum	98-1	275	275	292	281	3.43	cps
Neodymium	150-1	33	33	60	42	36.47	cps
Neodymium	150-2	27	17	27	23	24.74	cps
Nickel	60-2	287	303	310	300	4.01	cps
Phosphorus	31-2	75	50	58	61	20.83	cps
Potassium	39-2	33338	33506	33547	33464	0.33	cps
Rhodium	103-1	1923213	1876453	1885848	1895171	1.31	cps
Rhodium	103-2	871969	875273	876840	874694	0.28	cps
Scandium	45-1	2014711	1983060	1927507	1975092	2.24	cps
Scandium	45-2	79391	80511	79790	79897	0.71	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	24	9	22	19	43.58	cps
Selenium	82-1	-21	-11	13	-6	-272.89	cps
Silicon	28-1	5165926	5095670	5058914	5106837	1.06	cps
Silver	109-1	67	108	83	86	24.35	cps
Silver	107-1	33	13	17	21	52.92	cps
Sodium	23-2	120488	121086	120983	120852	0.26	cps
Strontium	86-1	187517	181828	182420	183922	1.70	cps
Strontium	88-1	1580934	1524191	1517749	1540958	2.26	cps
Sulfur	34-1	197998	197694	194698	196797	0.93	cps
Terbium	159-1	2979975	2948934	2947388	2958766	0.62	cps
Terbium	159-2	1351931	1368270	1359195	1359799	0.60	cps
Thallium	203-1	33	25	25	28	17.31	cps
Thallium	205-1	58	67	67	64	7.53	cps
Thorium	232-1	61	67	61	63	5.10	cps
Tin	118-1	425	333	342	367	13.82	cps
Titanium	47-1	217	158	200	192	15.68	cps
Uranium	238-1	2400	1967	1950	2106	12.12	cps
Vanadium	51-2	80	50	73	68	23.24	cps
Yttrium	89-1	2664111	2622919	2618270	2635100	0.96	cps
Yttrium	89-2	331590	333740	335313	333548	0.56	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-04LX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 18:56:38	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	430	437	393	420	5.55	cps
Zirconium	90-1	1300	1192	1350	1281	6.32	cps
Zirconium	91-1	275	300	225	267	14.32	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3636-05 Instrumnet Name : P7
 Client Sample ID : SP19-JMW0991MS Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 19:00:16 DataFile Name : 076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	298964	305570	312100	305545	2.15	cps
Antimony	121-1	1084014	1080115	1086586	1083571	0.30	cps
Arsenic	75-2	42066	42386	42930	42461	1.03	cps
Barium	135-1	1600393	1598801	1614645	1604613	0.54	cps
Barium	137-1	2757856	2747743	2802697	2769432	1.06	cps
Beryllium	9-1	481646	476983	482742	480457	0.64	cps
Bismuth	209-1	1409125	1410440	1415159	1411575	0.22	cps
Bismuth	209-2	752639	769006	781875	767840	1.91	cps
Boron	10-1	87855	88458	91442	89252	2.15	cps
Boron	11-1	396477	396864	410016	401119	1.92	cps
Cadmium	111-1	288954	288603	290588	289382	0.37	cps
Cadmium	106-1	33223	33298	33432	33318	0.32	cps
Cadmium	108-1	22105	22985	22572	22554	1.95	cps
Calcium	43-1	2467410	2475597	2486906	2476638	0.40	cps
Calcium	44-1	39026446	39278851	39425292	39243529	0.51	cps
Chromium	52-2	432596	440261	443552	438803	1.28	cps
Cobalt	59-2	593761	607049	614996	605269	1.77	cps
Copper	63-2	738517	749447	750788	746251	0.90	cps
Dysprosium	156-1	208	183	208	200	7.22	cps
Dysprosium	156-2	130	147	140	139	6.04	cps
Erbium	164-1	242	258	142	214	29.50	cps
Erbium	164-2	93	73	127	98	27.56	cps
Gadolinium	160-1	158	183	208	183	13.64	cps
Gadolinium	160-2	137	123	147	136	8.63	cps
Holmium	165-1	2614462	2608730	2631704	2618299	0.46	cps
Holmium	165-2	1264368	1289225	1305693	1286429	1.62	cps
Indium	115-1	1698857	1718969	1727741	1715189	0.86	cps
Indium	115-2	316388	321044	324538	320657	1.28	cps
Iron	56-2	21640107	21646278	21723965	21670117	0.22	cps
Iron	57-2	571101	578785	588935	579607	1.54	cps
Krypton	83-1	137	103	70	103	32.26	cps
Lead	206-1	865638	867177	865664	866160	0.10	cps
Lead	207-1	782983	774387	791952	783107	1.12	cps
Lead	208-1	3556051	3543613	3597985	3565883	0.80	cps
Lithium	6-1	1148360	1142770	1151448	1147526	0.38	cps
Magnesium	24-2	7359475	7421764	7513621	7431620	1.04	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-05	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991MS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:00:16	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1510012	1548771	1557573	1538785	1.64	cps
Molybdenum	94-1	2748816	2763723	2774860	2762466	0.47	cps
Molybdenum	95-1	3356616	3408290	3417616	3394174	0.97	cps
Molybdenum	96-1	3756740	3789954	3809177	3785290	0.70	cps
Molybdenum	97-1	2067303	2076298	2095529	2079710	0.69	cps
Molybdenum	98-1	5382381	5464869	5444448	5430566	0.79	cps
Neodymium	150-1	287	240	320	282	14.24	cps
Neodymium	150-2	117	97	77	97	20.69	cps
Nickel	60-2	148933	153524	153981	152146	1.83	cps
Phosphorus	31-2	83	117	67	89	28.64	cps
Potassium	39-2	1729765	1763030	1778886	1757227	1.43	cps
Rhodium	103-1	1680543	1684229	1683512	1682762	0.12	cps
Rhodium	103-2	786832	802556	811371	800253	1.55	cps
Scandium	45-1	1830725	1846943	1841872	1839847	0.45	cps
Scandium	45-2	75903	76473	76228	76201	0.37	cps
Selenium	77-2	1113	1110	1103	1109	0.46	cps
Selenium	78-2	3701	3710	3888	3766	2.80	cps
Selenium	82-1	28177	27789	28010	27992	0.70	cps
Silicon	28-1	25007766	25131227	25506256	25215083	1.03	cps
Silver	109-1	1193093	1206088	1217566	1205582	1.02	cps
Silver	107-1	661763	658789	664130	661560	0.40	cps
Sodium	23-2	7985789	8066187	8167369	8073115	1.13	cps
Strontium	86-1	1253980	1263491	1283005	1266825	1.17	cps
Strontium	88-1	11138183	11224302	11340914	11234466	0.91	cps
Sulfur	34-1	277944	273653	274875	275491	0.80	cps
Terbium	159-1	2755684	2804721	2798943	2786449	0.96	cps
Terbium	159-2	1270244	1292495	1320110	1294283	1.93	cps
Thallium	203-1	1040160	1041865	1050719	1044248	0.54	cps
Thallium	205-1	2572081	2555925	2596849	2574952	0.80	cps
Thorium	232-1	361	389	522	424	20.31	cps
Tin	118-1	883607	889809	898363	890593	0.83	cps
Titanium	47-1	1197752	1204176	1215051	1205660	0.73	cps
Uranium	238-1	4295860	4283837	4333710	4304469	0.60	cps
Vanadium	51-2	365198	370860	373055	369704	1.10	cps
Yttrium	89-1	2445837	2453867	2476363	2458689	0.64	cps
Yttrium	89-2	307443	316725	318879	314349	1.93	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-05	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991MS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:00:16	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	104014	106041	107086	105714	1.48	cps
Zirconium	90-1	2318017	2329905	2351584	2333169	0.73	cps
Zirconium	91-1	500707	502159	508862	503909	0.86	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3636-06 Instrumnet Name : P7
 Client Sample ID : SP19-JMW0991MSD Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 19:03:53 DataFile Name : 077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	298031	302414	298361	299602	0.81	cps
Antimony	121-1	1055494	1037772	1057356	1050207	1.03	cps
Arsenic	75-2	41043	41706	41288	41346	0.81	cps
Barium	135-1	1576851	1569866	1606448	1584388	1.23	cps
Barium	137-1	2706743	2691232	2746210	2714728	1.04	cps
Beryllium	9-1	459677	459389	460743	459937	0.16	cps
Bismuth	209-1	1418614	1412682	1438187	1423161	0.94	cps
Bismuth	209-2	767742	786289	776630	776887	1.19	cps
Boron	10-1	91083	91442	92960	91828	1.08	cps
Boron	11-1	400631	403540	415870	406681	1.99	cps
Cadmium	111-1	280060	278917	279629	279535	0.21	cps
Cadmium	106-1	32112	31928	32138	32059	0.36	cps
Cadmium	108-1	22347	21775	22255	22126	1.39	cps
Calcium	43-1	2505629	2477458	2515978	2499688	0.80	cps
Calcium	44-1	39201187	39368261	39922931	39497460	0.96	cps
Chromium	52-2	421850	426037	422088	423325	0.56	cps
Cobalt	59-2	583409	593346	584633	587129	0.92	cps
Copper	63-2	726009	744928	735022	735320	1.29	cps
Dysprosium	156-1	225	208	200	211	6.03	cps
Dysprosium	156-2	103	117	147	122	18.16	cps
Erbium	164-1	192	192	183	189	2.55	cps
Erbium	164-2	97	90	97	94	4.08	cps
Gadolinium	160-1	208	200	225	211	6.03	cps
Gadolinium	160-2	140	173	117	143	19.87	cps
Holmium	165-1	2636453	2646435	2658139	2647009	0.41	cps
Holmium	165-2	1283597	1302134	1297633	1294455	0.75	cps
Indium	115-1	1754502	1736685	1762906	1751364	0.76	cps
Indium	115-2	322255	330563	327100	326639	1.28	cps
Iron	56-2	21653200	21667112	21495592	21605301	0.44	cps
Iron	57-2	567845	585027	574015	575629	1.51	cps
Krypton	83-1	120	137	90	116	20.47	cps
Lead	206-1	823512	836138	843464	834371	1.21	cps
Lead	207-1	749630	764246	767276	760384	1.24	cps
Lead	208-1	3401623	3440215	3484332	3442057	1.20	cps
Lithium	6-1	1141518	1144886	1149115	1145173	0.33	cps
Magnesium	24-2	5013644	5057340	4989038	5020007	0.69	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-06	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:03:53	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1539320	1549333	1539358	1542670	0.37	cps
Molybdenum	94-1	2703889	2715826	2732320	2717345	0.53	cps
Molybdenum	95-1	3375616	3348918	3396081	3373538	0.70	cps
Molybdenum	96-1	3714111	3698579	3744585	3719092	0.63	cps
Molybdenum	97-1	2051976	2047225	2063522	2054241	0.41	cps
Molybdenum	98-1	5359766	5362033	5397396	5373065	0.39	cps
Neodymium	150-1	360	347	293	333	10.58	cps
Neodymium	150-2	83	83	100	89	10.82	cps
Nickel	60-2	146415	149179	147092	147562	0.98	cps
Phosphorus	31-2	83	100	33	72	48.04	cps
Potassium	39-2	1716515	1761220	1738067	1738601	1.29	cps
Rhodium	103-1	1714645	1707546	1728112	1716767	0.61	cps
Rhodium	103-2	807702	820402	811280	813128	0.81	cps
Scandium	45-1	1852667	1854839	1869073	1858860	0.48	cps
Scandium	45-2	75548	76573	75974	76032	0.68	cps
Selenium	77-2	1117	1170	1077	1121	4.18	cps
Selenium	78-2	3688	3865	3538	3697	4.44	cps
Selenium	82-1	27265	26745	27863	27291	2.05	cps
Silicon	28-1	25265392	25373221	26006489	25548367	1.57	cps
Silver	109-1	1178137	1166761	1193274	1179391	1.13	cps
Silver	107-1	634517	631871	638742	635044	0.55	cps
Sodium	23-2	7942512	7988382	7901527	7944140	0.55	cps
Strontium	86-1	1250616	1254726	1275533	1260292	1.06	cps
Strontium	88-1	10972572	11088295	11232711	11097859	1.17	cps
Sulfur	34-1	278379	275391	276359	276710	0.55	cps
Terbium	159-1	2795166	2816078	2860863	2824036	1.19	cps
Terbium	159-2	1290447	1311099	1310623	1304056	0.90	cps
Thallium	203-1	995142	1010035	1006548	1003908	0.78	cps
Thallium	205-1	2441719	2477279	2479722	2466240	0.86	cps
Thorium	232-1	267	417	383	356	22.15	cps
Tin	118-1	894441	879037	906460	893313	1.54	cps
Titanium	47-1	1192957	1194694	1201413	1196355	0.37	cps
Uranium	238-1	4073241	4072616	4195185	4113681	1.72	cps
Vanadium	51-2	355690	359408	357891	357663	0.52	cps
Yttrium	89-1	2488769	2466029	2504332	2486377	0.77	cps
Yttrium	89-2	314414	320044	318063	317507	0.90	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-06	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:03:53	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	103788	107304	106048	105713	1.69	cps
Zirconium	90-1	2259285	2226434	2276719	2254146	1.13	cps
Zirconium	91-1	490724	486446	492379	489849	0.63	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-04A	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991A	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:07:30	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	302680	307944	304287	304970	0.88	cps
Antimony	121-1	1079610	1075561	1088342	1081171	0.60	cps
Arsenic	75-2	42215	42521	42532	42423	0.42	cps
Barium	135-1	1586493	1610502	1609902	1602299	0.85	cps
Barium	137-1	2745451	2790551	2784271	2773424	0.88	cps
Beryllium	9-1	474978	472749	475689	474472	0.32	cps
Bismuth	209-1	1415444	1404064	1423071	1414193	0.68	cps
Bismuth	209-2	777343	782245	789177	782922	0.76	cps
Boron	10-1	94620	92692	94428	93913	1.13	cps
Boron	11-1	408441	414511	419041	413998	1.28	cps
Cadmium	111-1	283919	284571	287920	285470	0.75	cps
Cadmium	106-1	32756	32480	32388	32541	0.59	cps
Cadmium	108-1	22414	22898	22460	22590	1.18	cps
Calcium	43-1	2525327	2544508	2517003	2528946	0.56	cps
Calcium	44-1	39569114	40311608	39802910	39894544	0.95	cps
Chromium	52-2	432751	437400	431441	433864	0.72	cps
Cobalt	59-2	601531	604505	596980	601006	0.63	cps
Copper	63-2	742446	750160	743820	745476	0.55	cps
Dysprosium	156-1	175	242	200	206	16.38	cps
Dysprosium	156-2	133	150	93	126	23.19	cps
Erbium	164-1	217	267	200	228	15.23	cps
Erbium	164-2	87	137	97	107	24.80	cps
Gadolinium	160-1	183	108	267	186	42.56	cps
Gadolinium	160-2	157	107	140	134	18.94	cps
Holmium	165-1	2621000	2634820	2648311	2634711	0.52	cps
Holmium	165-2	1299026	1313147	1312243	1308139	0.60	cps
Indium	115-1	1730211	1748986	1751634	1743610	0.67	cps
Indium	115-2	326255	328813	331151	328740	0.74	cps
Iron	56-2	21937742	22018922	21749123	21901929	0.63	cps
Iron	57-2	580349	586861	577871	581693	0.80	cps
Krypton	83-1	63	113	103	93	28.35	cps
Lead	206-1	859353	858433	864616	860801	0.39	cps
Lead	207-1	776337	781835	783491	780555	0.48	cps
Lead	208-1	3524263	3517387	3557146	3532932	0.60	cps
Lithium	6-1	1144172	1145067	1149812	1146351	0.26	cps
Magnesium	24-2	6402870	6423703	6328007	6384860	0.79	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-04A	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991A	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:07:30	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1548760	1562508	1546600	1552622	0.56	cps
Molybdenum	94-1	2750609	2782293	2766265	2766389	0.57	cps
Molybdenum	95-1	3401755	3405263	3435425	3414148	0.54	cps
Molybdenum	96-1	3745618	3757684	3815194	3772832	0.99	cps
Molybdenum	97-1	2074553	2072952	2093645	2080384	0.55	cps
Molybdenum	98-1	5454499	5426479	5496289	5459089	0.64	cps
Neodymium	150-1	387	313	360	353	10.50	cps
Neodymium	150-2	123	93	77	98	24.19	cps
Nickel	60-2	149980	153672	150648	151433	1.30	cps
Phosphorus	31-2	25	83	92	67	54.49	cps
Potassium	39-2	1747134	1761026	1730506	1746222	0.88	cps
Rhodium	103-1	1702808	1702718	1730653	1712060	0.94	cps
Rhodium	103-2	809545	822975	821897	818139	0.91	cps
Scandium	45-1	1854547	1868253	1868503	1863768	0.43	cps
Scandium	45-2	75739	77277	77106	76707	1.10	cps
Selenium	77-2	1133	1160	1170	1155	1.64	cps
Selenium	78-2	3823	3708	3762	3764	1.53	cps
Selenium	82-1	28053	28162	27691	27969	0.88	cps
Silicon	28-1	25358635	25735919	25999796	25698117	1.25	cps
Silver	109-1	1209492	1201677	1216902	1209357	0.63	cps
Silver	107-1	648699	656973	646916	650863	0.82	cps
Sodium	23-2	8122985	8150445	7974358	8082596	1.17	cps
Strontium	86-1	1267528	1271357	1274827	1271237	0.29	cps
Strontium	88-1	11173833	11325493	11380823	11293383	0.95	cps
Sulfur	34-1	268238	267222	271318	268926	0.79	cps
Terbium	159-1	2779822	2824799	2830097	2811573	0.98	cps
Terbium	159-2	1305150	1314013	1321607	1313590	0.63	cps
Thallium	203-1	1043434	1023480	1049375	1038763	1.31	cps
Thallium	205-1	2520793	2546983	2578507	2548761	1.13	cps
Thorium	232-1	194	233	278	235	17.73	cps
Tin	118-1	899809	902685	895948	899481	0.38	cps
Titanium	47-1	1222637	1216909	1217525	1219023	0.26	cps
Uranium	238-1	4203362	4309710	4235150	4249407	1.28	cps
Vanadium	51-2	366464	372121	364162	367583	1.11	cps
Yttrium	89-1	2483169	2483988	2511240	2492799	0.64	cps
Yttrium	89-2	319060	321834	321239	320711	0.46	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-04A	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991A	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:07:30	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	105752	107294	106720	106589	0.73	cps
Zirconium	90-1	2335879	2330171	2340828	2335626	0.23	cps
Zirconium	91-1	503519	499383	504049	502317	0.51	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P7
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:20:52	DataFile Name :	079CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1753216	1765289	1775546	1764683	0.63	cps
Antimony	121-1	1042053	1026132	1024624	1030936	0.94	cps
Arsenic	75-2	40816	41063	41910	41263	1.39	cps
Barium	135-1	1318493	1288729	1288015	1298412	1.34	cps
Barium	137-1	2323848	2300818	2316651	2313772	0.51	cps
Beryllium	9-1	481625	472546	474183	476118	1.02	cps
Bismuth	209-1	1256388	1284905	1269590	1270294	1.12	cps
Bismuth	209-2	751107	772575	767721	763801	1.47	cps
Boron	10-1	85198	82952	85248	84466	1.55	cps
Boron	11-1	363939	371914	378932	371595	2.02	cps
Cadmium	111-1	275785	271712	273226	273574	0.75	cps
Cadmium	106-1	32839	32538	32747	32708	0.47	cps
Cadmium	108-1	22981	21750	21850	22194	3.08	cps
Calcium	43-1	2762301	2746717	2727666	2745561	0.63	cps
Calcium	44-1	44091956	43442629	43141558	43558715	1.12	cps
Chromium	52-2	434488	440000	440139	438209	0.74	cps
Cobalt	59-2	574857	580237	585939	580344	0.95	cps
Copper	63-2	738247	753815	761286	751116	1.56	cps
Dysprosium	156-1	33	42	33	36	13.33	cps
Dysprosium	156-2	13	30	10	18	60.28	cps
Erbium	164-1	8	0	8	6	86.60	cps
Erbium	164-2	17	7	13	12	41.65	cps
Gadolinium	160-1	17	50	8	25	88.19	cps
Gadolinium	160-2	20	63	30	38	60.06	cps
Holmium	165-1	2482157	2467053	2484417	2477875	0.38	cps
Holmium	165-2	1324371	1358834	1349774	1344326	1.33	cps
Indium	115-1	1662546	1644646	1646934	1651376	0.59	cps
Indium	115-2	342076	346698	348182	345652	0.92	cps
Iron	56-2	77954941	78385996	77840791	78060576	0.37	cps
Iron	57-2	2003300	1996848	1999937	2000028	0.16	cps
Krypton	83-1	50	117	77	81	41.37	cps
Lead	206-1	727230	719852	719424	722168	0.61	cps
Lead	207-1	650034	650606	636708	645783	1.22	cps
Lead	208-1	2971738	2979427	2944607	2965257	0.62	cps
Lithium	6-1	1194968	1179476	1178730	1184391	0.77	cps
Magnesium	24-2	19641646	19627780	19644445	19637957	0.05	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P7
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:20:52	DataFile Name :	079CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	484309	492457	491688	489485	0.92	cps
Molybdenum	94-1	2922977	2883751	2882859	2896529	0.79	cps
Molybdenum	95-1	3739162	3676695	3701917	3705925	0.85	cps
Molybdenum	96-1	4101560	4053647	4084549	4079919	0.60	cps
Molybdenum	97-1	2282973	2237894	2247606	2256157	1.05	cps
Molybdenum	98-1	5916526	5872094	5913169	5900596	0.42	cps
Neodymium	150-1	107	127	100	111	12.49	cps
Neodymium	150-2	17	33	13	21	50.75	cps
Nickel	60-2	142672	143867	146332	144290	1.29	cps
Phosphorus	31-2	18887	19046	19480	19138	1.60	cps
Potassium	39-2	8775760	8764621	8787274	8775885	0.13	cps
Rhodium	103-1	1613543	1594581	1602931	1603685	0.59	cps
Rhodium	103-2	790463	804639	805995	800366	1.07	cps
Scandium	45-1	1896431	1869777	1871477	1879229	0.79	cps
Scandium	45-2	82783	83447	83678	83303	0.56	cps
Selenium	77-2	1057	1033	1137	1076	5.04	cps
Selenium	78-2	3741	3775	3852	3789	1.50	cps
Selenium	82-1	25386	24999	25297	25227	0.80	cps
Silicon	28-1	1639889	1669641	1711390	1673640	2.15	cps
Silver	109-1	1190641	1173960	1183937	1182846	0.71	cps
Silver	107-1	648358	643588	647241	646396	0.39	cps
Sodium	23-2	39651568	39683657	39518910	39618045	0.22	cps
Strontium	86-1	402911	395615	399586	399371	0.91	cps
Strontium	88-1	3470695	3469385	3440513	3460198	0.49	cps
Sulfur	34-1	382432	376843	377663	378979	0.80	cps
Terbium	159-1	2667285	2644844	2648542	2653557	0.45	cps
Terbium	159-2	1328881	1344736	1363917	1345845	1.30	cps
Thallium	203-1	896921	882505	886624	888683	0.84	cps
Thallium	205-1	2221714	2198854	2181417	2200662	0.92	cps
Thorium	232-1	3854564	3800576	3798030	3817723	0.84	cps
Tin	118-1	808891	796998	789929	798606	1.20	cps
Titanium	47-1	1407596	1392272	1378945	1392937	1.03	cps
Uranium	238-1	3748148	3698653	3715622	3720808	0.68	cps
Vanadium	51-2	372554	375246	381507	376436	1.22	cps
Yttrium	89-1	2428913	2407770	2412806	2416496	0.46	cps
Yttrium	89-2	334598	341154	340400	338718	1.06	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P7
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:20:52	DataFile Name :	079CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	111760	112859	115310	113310	1.60	cps
Zirconium	90-1	2239884	2213921	2224768	2226191	0.59	cps
Zirconium	91-1	480972	471906	481322	478067	1.12	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : CCB10 Instrumnet Name : P7
 Client Sample ID : CCB10 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 19:26:42 DataFile Name : 080CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	125	125	131	7.37	cps
Antimony	121-1	342	275	325	314	11.05	cps
Arsenic	75-2	11	4	4	6	69.34	cps
Barium	135-1	108	100	92	100	8.33	cps
Barium	137-1	208	225	117	183	31.82	cps
Beryllium	9-1	83	90	80	84	6.03	cps
Bismuth	209-1	1518579	1507585	1481405	1502523	1.27	cps
Bismuth	209-2	857870	887641	875673	873728	1.71	cps
Boron	10-1	2717	2717	2625	2686	1.97	cps
Boron	11-1	12631	11680	11580	11963	4.85	cps
Cadmium	111-1	669	666	694	676	2.25	cps
Cadmium	106-1	908	875	950	911	4.12	cps
Cadmium	108-1	13	13	13	13	0.00	cps
Calcium	43-1	317	267	375	319	16.97	cps
Calcium	44-1	7402	7252	7244	7299	1.22	cps
Chromium	52-2	307	260	280	282	8.29	cps
Cobalt	59-2	77	60	80	72	14.84	cps
Copper	63-2	267	267	283	272	3.54	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	8	0	6	86.60	cps
Erbium	164-2	10	7	0	6	91.64	cps
Gadolinium	160-1	8	0	0	3	173.21	cps
Gadolinium	160-2	40	77	33	50	46.67	cps
Holmium	165-1	2671365	2652046	2591548	2638319	1.58	cps
Holmium	165-2	1355946	1387373	1379869	1374396	1.19	cps
Indium	115-1	1915821	1886210	1879289	1893773	1.02	cps
Indium	115-2	373630	384848	382737	380405	1.57	cps
Iron	56-2	7291	7246	7447	7328	1.43	cps
Iron	57-2	306	233	172	237	28.16	cps
Krypton	83-1	113	70	83	89	24.97	cps
Lead	206-1	156	200	144	167	17.64	cps
Lead	207-1	156	133	183	157	15.91	cps
Lead	208-1	744	694	744	728	3.97	cps
Lithium	6-1	1296564	1280403	1265219	1280729	1.22	cps
Magnesium	24-2	1383	1508	1508	1467	4.92	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P7
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:26:42	DataFile Name :	080CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	53	60	70	61	13.73	cps
Molybdenum	94-1	550	467	408	475	14.99	cps
Molybdenum	95-1	425	433	550	469	14.89	cps
Molybdenum	96-1	625	642	617	628	2.03	cps
Molybdenum	97-1	325	375	292	331	12.69	cps
Molybdenum	98-1	892	717	742	783	12.08	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	30	20	21	39.75	cps
Phosphorus	31-2	33	50	33	39	24.75	cps
Potassium	39-2	7736	7827	8177	7913	2.95	cps
Rhodium	103-1	1923242	1883741	1886887	1897957	1.16	cps
Rhodium	103-2	904466	921159	923183	916269	1.12	cps
Scandium	45-1	2072000	2048595	2035848	2052148	0.89	cps
Scandium	45-2	84436	86464	87255	86052	1.69	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	24	33	20	26	25.75	cps
Selenium	82-1	-22	7	12	-1	-1467.71	cps
Silicon	28-1	87521	88017	84002	86514	2.53	cps
Silver	109-1	208	75	142	142	47.06	cps
Silver	107-1	96	71	96	88	16.49	cps
Sodium	23-2	9754	9537	9287	9526	2.45	cps
Strontium	86-1	167	242	83	164	48.33	cps
Strontium	88-1	267	258	350	292	17.38	cps
Sulfur	34-1	176459	175016	173212	174896	0.93	cps
Terbium	159-1	2853557	2841966	2791895	2829139	1.16	cps
Terbium	159-2	1367920	1400039	1388176	1385378	1.17	cps
Thallium	203-1	175	200	158	178	11.80	cps
Thallium	205-1	442	533	425	467	12.50	cps
Thorium	232-1	533	411	411	452	15.62	cps
Tin	118-1	250	242	208	233	9.45	cps
Titanium	47-1	175	167	158	167	5.00	cps
Uranium	238-1	358	208	292	286	26.27	cps
Vanadium	51-2	33	17	43	31	43.29	cps
Yttrium	89-1	2631900	2609626	2588379	2609968	0.83	cps
Yttrium	89-2	349726	357408	356004	354379	1.15	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P7
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:26:42	DataFile Name :	080CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	37	93	70	67	42.72	cps
Zirconium	90-1	400	433	483	439	9.56	cps
Zirconium	91-1	75	150	17	81	82.97	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	PB121232BLRE	Instrumnet Name :	P7
Client Sample ID :	PB121232BLRE	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:30:19	DataFile Name :	081CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	50	33	47	26.97	cps
Antimony	121-1	217	200	267	228	15.23	cps
Arsenic	75-2	4	4	9	6	57.80	cps
Barium	135-1	8	92	83	61	75.11	cps
Barium	137-1	50	108	100	86	36.64	cps
Beryllium	9-1	53	87	70	70	23.81	cps
Bismuth	209-1	5571702	5712641	5520836	5601726	1.77	cps
Bismuth	209-2	2904065	3047428	2982722	2978072	2.41	cps
Boron	10-1	1600	1859	1842	1767	8.18	cps
Boron	11-1	8011	7886	8069	7989	1.17	cps
Cadmium	111-1	1905	1770	1947	1874	4.95	cps
Cadmium	106-1	2709	2525	2750	2661	4.50	cps
Cadmium	108-1	17	21	4	14	62.43	cps
Calcium	43-1	100	175	100	125	34.64	cps
Calcium	44-1	5635	6469	6394	6166	7.48	cps
Chromium	52-2	137	90	127	118	20.86	cps
Cobalt	59-2	20	23	20	21	9.11	cps
Copper	63-2	283	310	313	302	5.44	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	25	8	17	50.01	cps
Erbium	164-2	13	7	20	13	49.99	cps
Gadolinium	160-1	33	50	42	42	20.00	cps
Gadolinium	160-2	173	130	147	150	14.57	cps
Holmium	165-1	9887348	10038559	9921473	9949127	0.80	cps
Holmium	165-2	4685371	4886753	4738783	4770303	2.19	cps
Indium	115-1	6972016	7170323	6922902	7021747	1.87	cps
Indium	115-2	1325074	1401531	1341284	1355963	2.97	cps
Iron	56-2	3217	2211	2711	2713	18.53	cps
Iron	57-2	133	111	167	137	20.41	cps
Krypton	83-1	457	380	337	391	15.54	cps
Lead	206-1	267	233	161	220	24.49	cps
Lead	207-1	206	172	217	198	11.67	cps
Lead	208-1	995	928	750	891	14.19	cps
Lithium	6-1	4854199	4971269	4849030	4891500	1.41	cps
Magnesium	24-2	367	325	433	375	14.57	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : PB121232BLRE Instrumnet Name : P7
 Client Sample ID : PB121232BLRE Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 19:30:19 DataFile Name : 081CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	40	40	37	39	4.94	cps
Molybdenum	94-1	450	592	467	503	15.40	cps
Molybdenum	95-1	233	233	300	256	15.06	cps
Molybdenum	96-1	258	475	367	367	29.55	cps
Molybdenum	97-1	183	225	183	197	12.20	cps
Molybdenum	98-1	442	475	408	442	7.55	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	17	10	20	16	32.73	cps
Phosphorus	31-2	83	42	42	56	43.30	cps
Potassium	39-2	5535	5635	6201	5790	6.21	cps
Rhodium	103-1	7002437	7108404	6980845	7030562	0.97	cps
Rhodium	103-2	2999441	3198820	3028146	3075469	3.50	cps
Scandium	45-1	7660643	7764501	7615185	7680110	1.00	cps
Scandium	45-2	283242	300906	289199	291115	3.09	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	17	11	22	17	33.33	cps
Selenium	82-1	35	62	61	53	29.41	cps
Silicon	28-1	281081	233594	224458	246378	12.34	cps
Silver	109-1	75	83	133	97	32.45	cps
Silver	107-1	96	133	42	90	51.05	cps
Sodium	23-2	6535	6093	6043	6224	4.35	cps
Strontium	86-1	742	492	700	644	20.78	cps
Strontium	88-1	150	258	158	189	31.92	cps
Sulfur	34-1	136285	129096	127886	131089	3.46	cps
Terbium	159-1	10434323	10786373	10631429	10617375	1.66	cps
Terbium	159-2	4670573	4921613	4728631	4773606	2.75	cps
Thallium	203-1	200	83	125	136	43.43	cps
Thallium	205-1	342	317	183	281	30.34	cps
Thorium	232-1	1078	895	844	939	13.09	cps
Tin	118-1	242	233	200	225	9.80	cps
Titanium	47-1	167	67	108	114	44.10	cps
Uranium	238-1	67	92	92	83	17.32	cps
Vanadium	51-2	23	10	13	16	44.60	cps
Yttrium	89-1	9702956	10003222	9736393	9814190	1.68	cps
Yttrium	89-2	1150074	1251766	1162306	1188048	4.67	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	PB121232BLRE	Instrumnet Name :	P7
Client Sample ID :	PB121232BLRE	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:30:19	DataFile Name :	081CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	107	113	130	117	10.30	cps
Zirconium	90-1	925	983	1067	992	7.18	cps
Zirconium	91-1	258	225	200	228	12.85	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : PB121232BSRE Instrumnet Name : P7
 Client Sample ID : PB121232BSRE Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 19:33:55 DataFile Name : 082LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	17	8	19	65.47	cps
Antimony	121-1	100	83	108	97	13.09	cps
Arsenic	75-2	2	0	2	1	86.60	cps
Barium	135-1	25	8	0	11	114.58	cps
Barium	137-1	8	0	0	3	173.21	cps
Beryllium	9-1	63	63	40	56	24.25	cps
Bismuth	209-1	5958119	5144101	4846567	5316262	10.82	cps
Bismuth	209-2	2893720	3386837	3443887	3241481	9.33	cps
Boron	10-1	1408	1342	1342	1364	2.82	cps
Boron	11-1	6168	6076	6160	6135	0.83	cps
Cadmium	111-1	2120	1763	1479	1787	17.98	cps
Cadmium	106-1	3042	2534	2117	2564	18.07	cps
Cadmium	108-1	25	21	4	17	66.13	cps
Calcium	43-1	83	67	75	75	11.11	cps
Calcium	44-1	5468	5176	4818	5154	6.32	cps
Chromium	52-2	123	133	137	131	5.29	cps
Cobalt	59-2	7	17	27	17	59.99	cps
Copper	63-2	357	327	267	317	14.47	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	42	8	22	78.07	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	25	17	25	22	21.64	cps
Gadolinium	160-2	127	157	110	131	18.04	cps
Holmium	165-1	10599485	9391767	8499444	9496899	11.10	cps
Holmium	165-2	4636432	5427942	5587991	5217455	9.77	cps
Indium	115-1	7543639	6636608	6035267	6738504	11.27	cps
Indium	115-2	1243095	1536136	1584349	1454527	12.70	cps
Iron	56-2	1722	1822	1800	1782	2.95	cps
Iron	57-2	50	94	83	76	30.47	cps
Krypton	83-1	463	723	210	466	55.13	cps
Lead	206-1	156	206	144	169	19.32	cps
Lead	207-1	167	156	133	152	11.18	cps
Lead	208-1	683	817	650	717	12.31	cps
Lithium	6-1	5327354	4712425	4285636	4775138	10.97	cps
Magnesium	24-2	117	167	217	167	30.00	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : PB121232BSRE Instrumnet Name : P7
 Client Sample ID : PB121232BSRE Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 19:33:55 DataFile Name : 082LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	50	13	73	46	66.40	cps
Molybdenum	94-1	408	417	258	361	24.68	cps
Molybdenum	95-1	158	58	83	100	52.04	cps
Molybdenum	96-1	217	167	192	192	13.04	cps
Molybdenum	97-1	100	100	42	81	41.81	cps
Molybdenum	98-1	192	75	117	128	46.27	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	13	7	20	13	49.99	cps
Phosphorus	31-2	42	75	75	64	30.12	cps
Potassium	39-2	5268	5435	5785	5496	4.80	cps
Rhodium	103-1	7601958	6582905	6039901	6741588	11.76	cps
Rhodium	103-2	3032500	3495405	3609624	3379176	9.04	cps
Scandium	45-1	8298276	7241797	6578348	7372807	11.77	cps
Scandium	45-2	286568	337682	344906	323052	9.84	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	30	24	24	26	12.38	cps
Selenium	82-1	11	-15	76	24	194.66	cps
Silicon	28-1	279567	464442	168284	304098	49.19	cps
Silver	109-1	67	33	50	50	33.34	cps
Silver	107-1	50	67	67	61	15.74	cps
Sodium	23-2	5826	5351	5410	5529	4.69	cps
Strontium	86-1	608	1125	425	719	50.46	cps
Strontium	88-1	117	58	92	89	32.92	cps
Sulfur	34-1	132746	129793	127809	130116	1.91	cps
Terbium	159-1	11558335	9990087	9119620	10222681	12.09	cps
Terbium	159-2	4780517	5430877	5594767	5268720	8.17	cps
Thallium	203-1	117	58	83	86	33.98	cps
Thallium	205-1	217	167	125	169	27.09	cps
Thorium	232-1	517	450	422	463	10.48	cps
Tin	118-1	108	133	117	119	10.66	cps
Titanium	47-1	75	92	25	64	54.31	cps
Uranium	238-1	50	50	25	42	34.64	cps
Vanadium	51-2	0	10	3	4	114.60	cps
Yttrium	89-1	10464656	9329843	8406283	9400261	10.97	cps
Yttrium	89-2	1172690	1345813	1384056	1300853	8.66	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	PB121232BSRE	Instrumnet Name :	P7
Client Sample ID :	PB121232BSRE	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:33:55	DataFile Name :	082LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	257	253	237	249	4.31	cps
Zirconium	90-1	867	908	967	914	5.50	cps
Zirconium	91-1	258	200	192	217	16.77	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-07RE	Instrumnet Name :	P7
Client Sample ID :	SP19-LF3MW3RE	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:37:31	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	42	17	36	48.03	cps
Antimony	121-1	108	150	117	125	17.64	cps
Arsenic	75-2	0	2	0	1	173.21	cps
Barium	135-1	8	0	8	6	86.60	cps
Barium	137-1	25	0	25	17	86.60	cps
Beryllium	9-1	43	60	47	50	17.64	cps
Bismuth	209-1	5988697	5670073	5737276	5798682	2.90	cps
Bismuth	209-2	3040770	3234959	3475044	3250257	6.69	cps
Boron	10-1	1092	1100	1125	1106	1.57	cps
Boron	11-1	4826	4934	5243	5001	4.32	cps
Cadmium	111-1	2058	1768	1783	1870	8.72	cps
Cadmium	106-1	2942	2517	2534	2664	9.04	cps
Cadmium	108-1	8	21	4	11	78.05	cps
Calcium	43-1	108	67	25	67	62.50	cps
Calcium	44-1	4943	5268	5352	5188	4.16	cps
Chromium	52-2	107	123	120	117	7.56	cps
Cobalt	59-2	13	13	27	18	43.33	cps
Copper	63-2	370	367	317	351	8.51	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Erbium	164-1	33	33	67	44	43.31	cps
Erbium	164-2	7	7	20	11	69.25	cps
Gadolinium	160-1	58	50	50	53	9.12	cps
Gadolinium	160-2	130	163	173	156	14.59	cps
Holmium	165-1	10734876	10161154	10455644	10450558	2.75	cps
Holmium	165-2	4886483	5206440	5573734	5222219	6.59	cps
Indium	115-1	7631044	7152885	7332667	7372199	3.28	cps
Indium	115-2	1381198	1492306	1580305	1484603	6.72	cps
Iron	56-2	1550	1722	1711	1661	5.80	cps
Iron	57-2	89	78	94	87	9.75	cps
Krypton	83-1	413	343	430	396	11.63	cps
Lead	206-1	172	178	139	163	12.91	cps
Lead	207-1	156	128	144	143	9.81	cps
Lead	208-1	722	622	628	657	8.55	cps
Lithium	6-1	5484245	5231689	5375804	5363912	2.36	cps
Magnesium	24-2	117	100	108	108	7.69	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-07RE	Instrumnet Name :	P7
Client Sample ID :	SP19-LF3MW3RE	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:37:31	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	43	60	60	54	17.68	cps
Molybdenum	94-1	450	242	333	342	30.56	cps
Molybdenum	95-1	92	100	58	83	26.46	cps
Molybdenum	96-1	167	175	167	169	2.84	cps
Molybdenum	97-1	58	25	8	31	83.33	cps
Molybdenum	98-1	167	142	108	139	21.07	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	17	27	20	21	24.12	cps
Phosphorus	31-2	58	50	42	50	16.67	cps
Potassium	39-2	5268	5193	5576	5346	3.80	cps
Rhodium	103-1	7553649	7245754	7388964	7396122	2.08	cps
Rhodium	103-2	3161268	3362270	3609229	3377589	6.64	cps
Scandium	45-1	8317356	7978520	8222176	8172684	2.14	cps
Scandium	45-2	297132	321209	346856	321732	7.73	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	28	20	20	23	18.73	cps
Selenium	82-1	10	90	60	53	75.57	cps
Silicon	28-1	222008	259579	274958	252182	10.80	cps
Silver	109-1	33	83	33	50	57.75	cps
Silver	107-1	58	25	33	39	44.61	cps
Sodium	23-2	4943	5268	5535	5248	5.65	cps
Strontium	86-1	500	567	550	539	6.44	cps
Strontium	88-1	50	58	67	58	14.29	cps
Sulfur	34-1	137520	137663	136824	137336	0.33	cps
Terbium	159-1	11408556	10831102	11136949	11125536	2.60	cps
Terbium	159-2	4894638	5215062	5600349	5236683	6.75	cps
Thallium	203-1	42	75	42	53	36.46	cps
Thallium	205-1	125	125	92	114	16.90	cps
Thorium	232-1	378	289	322	330	13.62	cps
Tin	118-1	167	200	158	175	12.60	cps
Titanium	47-1	58	58	92	69	27.71	cps
Uranium	238-1	0	17	25	14	91.65	cps
Vanadium	51-2	0	0	3	1	173.21	cps
Yttrium	89-1	10561514	10011891	10343532	10305645	2.69	cps
Yttrium	89-2	1209990	1300869	1397573	1302811	7.20	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-07RE	Instrumnet Name :	P7
Client Sample ID :	SP19-LF3MW3RE	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:37:31	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	217	303	293	271	17.49	cps
Zirconium	90-1	883	958	642	828	19.99	cps
Zirconium	91-1	192	175	192	186	5.17	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-08RE	Instrumnet Name :	P7
Client Sample ID :	SP19-LF3MW4RE	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:41:08	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	33	19	65.47	cps
Antimony	121-1	75	117	67	86	31.11	cps
Arsenic	75-2	0	7	2	3	124.95	cps
Barium	135-1	0	25	17	14	91.65	cps
Barium	137-1	33	17	33	28	34.63	cps
Beryllium	9-1	53	30	50	44	28.39	cps
Bismuth	209-1	5645618	5843598	6216379	5901865	4.91	cps
Bismuth	209-2	3335562	3349947	2965121	3216876	6.78	cps
Boron	10-1	875	1083	1008	989	10.67	cps
Boron	11-1	3992	4368	4342	4234	4.95	cps
Cadmium	111-1	2043	2193	1925	2054	6.55	cps
Cadmium	106-1	2917	3134	2742	2931	6.70	cps
Cadmium	108-1	4	13	4	7	69.23	cps
Calcium	43-1	58	67	67	64	7.53	cps
Calcium	44-1	5552	5351	5577	5493	2.25	cps
Chromium	52-2	133	110	123	122	9.58	cps
Cobalt	59-2	20	23	17	20	16.65	cps
Copper	63-2	347	350	287	328	10.88	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	17	50	33	50.00	cps
Erbium	164-2	7	13	17	12	41.65	cps
Gadolinium	160-1	67	67	33	56	34.65	cps
Gadolinium	160-2	147	183	117	149	22.43	cps
Holmium	165-1	10062655	10512387	11195266	10590103	5.39	cps
Holmium	165-2	5344983	5343196	4706919	5131699	7.17	cps
Indium	115-1	7152731	7394449	7921592	7489591	5.25	cps
Indium	115-2	1526312	1526262	1352710	1468428	6.82	cps
Iron	56-2	1556	1511	1161	1409	15.33	cps
Iron	57-2	94	100	94	96	3.33	cps
Krypton	83-1	440	407	387	411	6.55	cps
Lead	206-1	150	161	178	163	8.58	cps
Lead	207-1	167	139	106	137	22.33	cps
Lead	208-1	689	600	567	619	10.22	cps
Lithium	6-1	5215489	5425148	5789281	5476639	5.30	cps
Magnesium	24-2	75	133	108	106	27.73	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-08RE	Instrumnet Name :	P7
Client Sample ID :	SP19-LF3MW4RE	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:41:08	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	43	57	33	44	26.35	cps
Molybdenum	94-1	367	292	275	311	15.70	cps
Molybdenum	95-1	92	33	42	56	56.79	cps
Molybdenum	96-1	108	100	167	125	29.06	cps
Molybdenum	97-1	83	75	33	64	41.93	cps
Molybdenum	98-1	125	175	133	144	18.54	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	17	13	10	13	25.01	cps
Phosphorus	31-2	83	50	58	64	27.15	cps
Potassium	39-2	5560	5726	5685	5657	1.53	cps
Rhodium	103-1	7195542	7590284	7956977	7580934	5.02	cps
Rhodium	103-2	3496159	3505846	3060587	3354197	7.58	cps
Scandium	45-1	7982173	8252310	8779640	8338041	4.86	cps
Scandium	45-2	333175	336120	295724	321673	7.00	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	9	24	20	18	43.06	cps
Selenium	82-1	-8	-5	31	6	374.50	cps
Silicon	28-1	258005	255360	277666	263677	4.62	cps
Silver	109-1	50	58	50	53	9.12	cps
Silver	107-1	83	63	58	68	19.68	cps
Sodium	23-2	5293	4993	5309	5198	3.43	cps
Strontium	86-1	725	608	750	694	10.89	cps
Strontium	88-1	50	42	67	53	24.12	cps
Sulfur	34-1	140658	140759	140860	140759	0.07	cps
Terbium	159-1	10757145	11171967	12018135	11315749	5.68	cps
Terbium	159-2	5383245	5441794	4691659	5172232	8.07	cps
Thallium	203-1	50	75	25	50	50.00	cps
Thallium	205-1	200	158	133	164	20.55	cps
Thorium	232-1	278	278	283	280	1.15	cps
Tin	118-1	108	117	150	125	17.64	cps
Titanium	47-1	50	75	50	58	24.74	cps
Uranium	238-1	17	33	0	17	99.99	cps
Vanadium	51-2	0	3	7	3	100.05	cps
Yttrium	89-1	10046144	10373174	11141522	10520280	5.35	cps
Yttrium	89-2	1348454	1356842	1174601	1293299	7.95	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-08RE	Instrumnet Name :	P7
Client Sample ID :	SP19-LF3MW4RE	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:41:08	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	203	220	233	219	6.87	cps
Zirconium	90-1	950	717	1000	889	17.01	cps
Zirconium	91-1	142	158	250	183	31.82	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-09RE	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0941RE	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:45:40	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	42	25	25	66.68	cps
Antimony	121-1	67	92	83	81	15.80	cps
Arsenic	75-2	0	4	0	1	173.21	cps
Barium	135-1	17	8	8	11	43.34	cps
Barium	137-1	8	0	0	3	173.21	cps
Beryllium	9-1	40	30	40	37	15.75	cps
Bismuth	209-1	5348747	6275089	5400194	5674677	9.17	cps
Bismuth	209-2	2794248	3686991	3146043	3209094	14.01	cps
Boron	10-1	675	733	900	769	15.18	cps
Boron	11-1	3267	3476	3734	3492	6.70	cps
Cadmium	111-1	1831	2228	1703	1921	14.25	cps
Cadmium	106-1	2600	3159	2409	2723	14.31	cps
Cadmium	108-1	8	0	0	3	173.21	cps
Calcium	43-1	67	83	50	67	25.00	cps
Calcium	44-1	4701	5577	5260	5179	8.56	cps
Chromium	52-2	103	90	77	90	14.82	cps
Cobalt	59-2	23	23	10	19	40.75	cps
Copper	63-2	243	397	377	339	24.60	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	58	25	42	42	40.00	cps
Erbium	164-2	17	27	10	18	47.19	cps
Gadolinium	160-1	25	42	42	36	26.65	cps
Gadolinium	160-2	140	180	110	143	24.50	cps
Holmium	165-1	9472178	11092500	9859710	10141463	8.34	cps
Holmium	165-2	4485955	5921735	5046125	5151272	14.05	cps
Indium	115-1	6824713	8053190	7020281	7299395	9.04	cps
Indium	115-2	1187936	1711373	1458570	1452626	18.02	cps
Iron	56-2	1378	1578	1567	1508	7.46	cps
Iron	57-2	122	61	111	98	33.17	cps
Krypton	83-1	377	333	510	407	22.64	cps
Lead	206-1	200	139	133	157	23.50	cps
Lead	207-1	167	117	217	167	30.00	cps
Lead	208-1	778	589	728	698	14.02	cps
Lithium	6-1	4996612	5899667	5178604	5358294	8.91	cps
Magnesium	24-2	92	75	117	94	22.21	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-09RE	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0941RE	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:45:40	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	40	47	27	38	26.95	cps
Molybdenum	94-1	308	292	333	311	6.74	cps
Molybdenum	95-1	42	58	33	44	28.65	cps
Molybdenum	96-1	67	100	92	86	20.15	cps
Molybdenum	97-1	50	33	50	44	21.66	cps
Molybdenum	98-1	75	58	58	64	15.05	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	10	13	7	10	33.30	cps
Phosphorus	31-2	58	50	58	56	8.67	cps
Potassium	39-2	5735	5435	5543	5571	2.73	cps
Rhodium	103-1	6942232	8110873	7068403	7373836	8.70	cps
Rhodium	103-2	2934689	3873245	3310739	3372891	14.00	cps
Scandium	45-1	7603602	8924954	7877662	8135406	8.57	cps
Scandium	45-2	279320	379826	322352	327166	15.41	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	17	41	26	28	43.70	cps
Selenium	82-1	-9	105	-8	30	221.03	cps
Silicon	28-1	245145	264251	307268	272221	11.69	cps
Silver	109-1	33	58	50	47	26.97	cps
Silver	107-1	58	21	33	38	50.91	cps
Sodium	23-2	4693	4918	4568	4726	3.75	cps
Strontium	86-1	667	650	817	711	12.91	cps
Strontium	88-1	50	25	67	47	44.41	cps
Sulfur	34-1	141424	140725	140313	140821	0.40	cps
Terbium	159-1	10276019	12024925	10613861	10971602	8.46	cps
Terbium	159-2	4476837	5964043	5046112	5162331	14.54	cps
Thallium	203-1	33	33	58	42	34.65	cps
Thallium	205-1	92	75	108	92	18.18	cps
Thorium	232-1	217	194	189	200	7.35	cps
Tin	118-1	100	100	67	89	21.65	cps
Titanium	47-1	50	75	92	72	29.04	cps
Uranium	238-1	17	17	25	19	24.73	cps
Vanadium	51-2	3	3	7	4	43.40	cps
Yttrium	89-1	9584433	11151688	9948595	10228239	8.02	cps
Yttrium	89-2	1137470	1509199	1287659	1311443	14.26	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-09RE	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0941RE	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:45:40	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	277	267	157	233	28.54	cps
Zirconium	90-1	867	800	767	811	6.28	cps
Zirconium	91-1	117	192	117	142	30.57	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : CCV11 Instrumnet Name : P7
 Client Sample ID : CCV11 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 19:49:21 DataFile Name : 086CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1827164	1831771	1837400	1832112	0.28	cps
Antimony	121-1	1060382	1053021	1046457	1053287	0.66	cps
Arsenic	75-2	42512	42534	42674	42573	0.21	cps
Barium	135-1	1344590	1322224	1303080	1323298	1.57	cps
Barium	137-1	2332326	2311480	2302487	2315431	0.66	cps
Beryllium	9-1	489321	487002	480715	485679	0.92	cps
Bismuth	209-1	1246589	1258994	1252696	1252760	0.50	cps
Bismuth	209-2	747327	760777	773208	760437	1.70	cps
Boron	10-1	84964	84653	87243	85620	1.65	cps
Boron	11-1	376500	377328	376168	376665	0.16	cps
Cadmium	111-1	277606	278676	277171	277818	0.28	cps
Cadmium	106-1	31795	32438	32497	32243	1.21	cps
Cadmium	108-1	22731	21754	22055	22180	2.26	cps
Calcium	43-1	2795619	2777047	2779540	2784069	0.36	cps
Calcium	44-1	44248918	44016725	43936340	44067327	0.37	cps
Chromium	52-2	449997	452374	458218	453530	0.93	cps
Cobalt	59-2	594742	601870	607641	601418	1.07	cps
Copper	63-2	772130	783131	792900	782720	1.33	cps
Dysprosium	156-1	50	42	50	47	10.18	cps
Dysprosium	156-2	20	40	43	34	36.64	cps
Erbium	164-1	0	0	17	6	173.21	cps
Erbium	164-2	10	10	10	10	0.00	cps
Gadolinium	160-1	17	25	17	19	24.73	cps
Gadolinium	160-2	33	20	33	29	26.64	cps
Holmium	165-1	2450077	2467431	2443599	2453702	0.50	cps
Holmium	165-2	1325874	1334350	1366751	1342325	1.61	cps
Indium	115-1	1656872	1655086	1642900	1651619	0.46	cps
Indium	115-2	350867	352207	361135	354736	1.57	cps
Iron	56-2	79745868	79595916	80229182	79856989	0.41	cps
Iron	57-2	2051138	2047347	2058597	2052361	0.28	cps
Krypton	83-1	73	77	73	74	2.59	cps
Lead	206-1	713690	715159	707869	712240	0.54	cps
Lead	207-1	648874	650530	643153	647519	0.60	cps
Lead	208-1	2911715	2925730	2884803	2907416	0.72	cps
Lithium	6-1	1225231	1218498	1207194	1216974	0.75	cps
Magnesium	24-2	20248802	19983337	20261022	20164387	0.78	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P7
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:49:21	DataFile Name :	086CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	502928	507072	514350	508116	1.14	cps
Molybdenum	94-1	2911186	2908039	2880025	2899750	0.59	cps
Molybdenum	95-1	3723699	3728947	3694819	3715821	0.49	cps
Molybdenum	96-1	4085572	4083604	4052707	4073961	0.45	cps
Molybdenum	97-1	2253142	2273171	2250617	2258977	0.55	cps
Molybdenum	98-1	5838396	5895196	5908457	5880683	0.63	cps
Neodymium	150-1	140	140	107	129	14.93	cps
Neodymium	150-2	13	20	7	13	49.99	cps
Nickel	60-2	148755	148958	151591	149768	1.06	cps
Phosphorus	31-2	19021	19805	20064	19630	2.77	cps
Potassium	39-2	9089316	9002366	9115942	9069208	0.65	cps
Rhodium	103-1	1606726	1605565	1618116	1610135	0.43	cps
Rhodium	103-2	808784	814139	831602	818175	1.46	cps
Scandium	45-1	1954745	1938868	1938867	1944160	0.47	cps
Scandium	45-2	85163	86001	87436	86200	1.33	cps
Selenium	77-2	1063	1080	1197	1113	6.53	cps
Selenium	78-2	3936	4036	4047	4006	1.53	cps
Selenium	82-1	25495	25227	25563	25428	0.70	cps
Silicon	28-1	1661955	1684410	1735753	1694039	2.23	cps
Silver	109-1	1277169	1263432	1268374	1269658	0.55	cps
Silver	107-1	695387	684677	689974	690012	0.78	cps
Sodium	23-2	40692785	40306072	41028028	40675628	0.89	cps
Strontium	86-1	409404	406990	403081	406492	0.78	cps
Strontium	88-1	3477594	3495911	3451285	3474930	0.65	cps
Sulfur	34-1	383542	381466	381199	382069	0.34	cps
Terbium	159-1	2638380	2638603	2623348	2633444	0.33	cps
Terbium	159-2	1330668	1343919	1372834	1349141	1.60	cps
Thallium	203-1	881958	887433	870658	880016	0.97	cps
Thallium	205-1	2129525	2133284	2110997	2124602	0.56	cps
Thorium	232-1	3722042	3743521	3696547	3720704	0.63	cps
Tin	118-1	819980	814460	803690	812710	1.02	cps
Titanium	47-1	1439775	1433094	1425058	1432642	0.51	cps
Uranium	238-1	3589840	3653131	3616150	3619707	0.88	cps
Vanadium	51-2	389304	390446	392598	390782	0.43	cps
Yttrium	89-1	2418562	2425146	2406922	2416877	0.38	cps
Yttrium	89-2	343621	350530	356148	350100	1.79	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P7
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:49:21	DataFile Name :	086CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	116356	117185	117723	117088	0.59	cps
Zirconium	90-1	2240531	2250109	2236783	2242474	0.31	cps
Zirconium	91-1	492326	486877	491021	490075	0.58	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : CCB11 Instrumnet Name : P7
 Client Sample ID : CCB11 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 19:53:00 DataFile Name : 087CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	150	108	139	19.29	cps
Antimony	121-1	567	550	650	589	9.10	cps
Arsenic	75-2	15	7	6	9	52.86	cps
Barium	135-1	158	125	117	133	16.54	cps
Barium	137-1	275	225	167	222	24.40	cps
Beryllium	9-1	130	137	147	138	6.09	cps
Bismuth	209-1	1465763	1465562	1465296	1465541	0.02	cps
Bismuth	209-2	870511	869581	876359	872151	0.42	cps
Boron	10-1	3317	2934	2892	3048	7.69	cps
Boron	11-1	14508	13949	13123	13860	5.03	cps
Cadmium	111-1	724	585	563	624	14.06	cps
Cadmium	106-1	983	792	717	831	16.56	cps
Cadmium	108-1	8	4	8	7	34.59	cps
Calcium	43-1	367	300	308	325	11.18	cps
Calcium	44-1	8603	7936	7502	8014	6.92	cps
Chromium	52-2	297	227	303	276	15.41	cps
Cobalt	59-2	33	60	40	44	31.23	cps
Copper	63-2	237	307	260	268	13.31	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	0	17	8	8	100.02	cps
Erbium	164-2	10	0	0	3	173.21	cps
Gadolinium	160-1	8	25	17	17	50.01	cps
Gadolinium	160-2	50	27	57	44	35.44	cps
Holmium	165-1	2570655	2580647	2557929	2569744	0.44	cps
Holmium	165-2	1380749	1374996	1381198	1378981	0.25	cps
Indium	115-1	1874076	1843807	1855443	1857775	0.82	cps
Indium	115-2	384797	387323	389277	387132	0.58	cps
Iron	56-2	7919	7841	7836	7865	0.59	cps
Iron	57-2	261	261	222	248	9.05	cps
Krypton	83-1	87	93	77	86	9.81	cps
Lead	206-1	111	194	128	144	30.53	cps
Lead	207-1	139	133	172	148	14.20	cps
Lead	208-1	633	667	583	628	6.68	cps
Lithium	6-1	1327098	1310386	1291808	1309764	1.35	cps
Magnesium	24-2	1717	1592	1550	1620	5.36	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P7
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:53:00	DataFile Name :	087CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	43	43	41	9.35	cps
Molybdenum	94-1	700	542	542	594	15.38	cps
Molybdenum	95-1	850	850	750	817	7.07	cps
Molybdenum	96-1	992	908	783	895	11.72	cps
Molybdenum	97-1	642	458	442	514	21.60	cps
Molybdenum	98-1	1483	967	1058	1170	23.57	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	40	37	23	33	26.47	cps
Phosphorus	31-2	42	75	42	53	36.46	cps
Potassium	39-2	8078	8144	9111	8444	6.85	cps
Rhodium	103-1	1899117	1871708	1891796	1887540	0.75	cps
Rhodium	103-2	925975	919134	926361	923823	0.44	cps
Scandium	45-1	2071864	2055479	2061425	2062923	0.40	cps
Scandium	45-2	89183	88234	90269	89229	1.14	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	19	39	17	25	49.93	cps
Selenium	82-1	15	13	28	19	45.57	cps
Silicon	28-1	98984	95587	92636	95736	3.32	cps
Silver	109-1	192	175	225	197	12.91	cps
Silver	107-1	129	196	63	129	51.62	cps
Sodium	23-2	9870	9520	9420	9603	2.46	cps
Strontium	86-1	317	150	175	214	42.02	cps
Strontium	88-1	408	433	317	386	15.91	cps
Sulfur	34-1	176415	176787	179584	177595	0.98	cps
Terbium	159-1	2795911	2783213	2761424	2780183	0.63	cps
Terbium	159-2	1387931	1394665	1395118	1392571	0.29	cps
Thallium	203-1	383	333	317	344	10.07	cps
Thallium	205-1	883	767	758	803	8.71	cps
Thorium	232-1	911	889	828	876	4.93	cps
Tin	118-1	300	300	333	311	6.19	cps
Titanium	47-1	200	150	142	164	19.25	cps
Uranium	238-1	333	275	283	297	10.62	cps
Vanadium	51-2	43	20	13	26	61.64	cps
Yttrium	89-1	2618928	2596319	2601702	2605650	0.45	cps
Yttrium	89-2	363450	361032	365578	363353	0.63	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P7
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:53:00	DataFile Name :	087CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	60	73	80	71	14.32	cps
Zirconium	90-1	433	442	458	444	2.86	cps
Zirconium	91-1	133	117	92	114	18.41	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	PB121232BL	Instrumnet Name :	P7
Client Sample ID :	PB121232BL	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:56:37	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	42	33	36	13.33	cps
Antimony	121-1	150	117	175	147	19.88	cps
Arsenic	75-2	6	0	6	4	86.60	cps
Barium	135-1	17	17	42	25	57.73	cps
Barium	137-1	50	33	25	36	35.25	cps
Beryllium	9-1	93	80	53	76	26.96	cps
Bismuth	209-1	1389283	1445082	1456499	1430288	2.51	cps
Bismuth	209-2	859821	866984	881221	869342	1.25	cps
Boron	10-1	2342	2000	1625	1989	18.02	cps
Boron	11-1	8970	8178	8078	8408	5.81	cps
Cadmium	111-1	551	690	596	613	11.62	cps
Cadmium	106-1	783	967	850	867	10.71	cps
Cadmium	108-1	8	4	4	6	43.22	cps
Calcium	43-1	92	92	50	78	30.93	cps
Calcium	44-1	4301	4401	4359	4354	1.15	cps
Chromium	52-2	247	223	260	243	7.63	cps
Cobalt	59-2	7	10	13	10	33.30	cps
Copper	63-2	217	263	193	224	15.88	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	8	17	14	34.67	cps
Erbium	164-2	10	10	3	8	49.52	cps
Gadolinium	160-1	8	0	0	3	173.21	cps
Gadolinium	160-2	27	53	57	46	36.09	cps
Holmium	165-1	2477534	2545742	2565709	2529662	1.83	cps
Holmium	165-2	1367818	1358800	1391429	1372682	1.23	cps
Indium	115-1	1766708	1874280	1857349	1832779	3.16	cps
Indium	115-2	386322	390035	395140	390499	1.13	cps
Iron	56-2	2356	2573	2367	2432	5.02	cps
Iron	57-2	111	117	106	111	5.00	cps
Krypton	83-1	60	103	80	81	26.74	cps
Lead	206-1	194	172	183	183	6.06	cps
Lead	207-1	133	117	133	128	7.53	cps
Lead	208-1	717	628	706	683	7.09	cps
Lithium	6-1	1257676	1312162	1302757	1290865	2.26	cps
Magnesium	24-2	242	308	225	258	17.07	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	PB121232BL	Instrumnet Name :	P7
Client Sample ID :	PB121232BL	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:56:37	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17	23	13	18	28.64	cps
Molybdenum	94-1	167	158	183	169	7.51	cps
Molybdenum	95-1	108	225	208	181	34.95	cps
Molybdenum	96-1	175	192	183	183	4.55	cps
Molybdenum	97-1	108	158	92	119	29.05	cps
Molybdenum	98-1	292	358	242	297	19.69	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	13	13	7	11	34.61	cps
Phosphorus	31-2	67	33	42	47	36.74	cps
Potassium	39-2	8002	7902	7936	7947	0.64	cps
Rhodium	103-1	1744698	1860068	1890875	1831880	4.21	cps
Rhodium	103-2	926783	924994	942321	931366	1.02	cps
Scandium	45-1	1965792	2071408	2069573	2035591	2.97	cps
Scandium	45-2	87865	89666	90933	89488	1.72	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	24	17	31	24	30.76	cps
Selenium	82-1	49	2	36	29	84.66	cps
Silicon	28-1	91891	85377	87036	88101	3.84	cps
Silver	109-1	50	67	58	58	14.29	cps
Silver	107-1	8	58	21	29	89.23	cps
Sodium	23-2	5993	5968	5868	5943	1.11	cps
Strontium	86-1	183	208	133	175	21.82	cps
Strontium	88-1	92	42	83	72	37.09	cps
Sulfur	34-1	196404	190215	187750	191456	2.33	cps
Terbium	159-1	2651538	2782457	2750040	2728012	2.50	cps
Terbium	159-2	1380079	1394371	1405710	1393387	0.92	cps
Thallium	203-1	133	75	117	108	27.74	cps
Thallium	205-1	350	175	267	264	33.17	cps
Thorium	232-1	206	239	278	241	15.02	cps
Tin	118-1	208	158	175	181	14.10	cps
Titanium	47-1	58	67	83	69	18.33	cps
Uranium	238-1	25	83	17	42	87.18	cps
Vanadium	51-2	10	3	3	6	69.34	cps
Yttrium	89-1	2492282	2600991	2597151	2563475	2.41	cps
Yttrium	89-2	363657	365309	370161	366376	0.92	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	PB121232BL	Instrumnet Name :	P7
Client Sample ID :	PB121232BL	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 19:56:37	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	63	60	50	58	12.01	cps
Zirconium	90-1	242	275	342	286	17.80	cps
Zirconium	91-1	58	67	58	61	7.87	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	PB121232BS	Instrumnet Name :	P7
Client Sample ID :	PB121232BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 20:00:13	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	361237	359481	359598	360105	0.27	cps
Antimony	121-1	1063533	1061017	1050244	1058265	0.67	cps
Arsenic	75-2	44249	44037	44486	44257	0.51	cps
Barium	135-1	1418307	1440551	1416139	1424999	0.95	cps
Barium	137-1	2457819	2488252	2481997	2476022	0.65	cps
Beryllium	9-1	535020	540811	529216	535016	1.08	cps
Bismuth	209-1	1395840	1416701	1394814	1402452	0.88	cps
Bismuth	209-2	843220	850943	862553	852239	1.14	cps
Boron	10-1	86404	92826	90814	90015	3.65	cps
Boron	11-1	391413	408402	408447	402754	2.44	cps
Cadmium	111-1	291150	291334	292025	291503	0.16	cps
Cadmium	106-1	34510	35404	34276	34730	1.71	cps
Cadmium	108-1	24730	23541	23645	23972	2.75	cps
Calcium	43-1	602420	604643	598132	601732	0.55	cps
Calcium	44-1	9445846	9604443	9552571	9534286	0.85	cps
Chromium	52-2	482072	478859	485013	481981	0.64	cps
Cobalt	59-2	654303	650870	661923	655699	0.86	cps
Copper	63-2	815890	813574	822477	817314	0.57	cps
Dysprosium	156-1	0	33	8	14	124.91	cps
Dysprosium	156-2	27	60	33	40	44.09	cps
Erbium	164-1	8	25	0	11	114.58	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	0	17	8	8	100.02	cps
Gadolinium	160-2	43	20	60	41	48.87	cps
Holmium	165-1	2571600	2590882	2571382	2577955	0.43	cps
Holmium	165-2	1408948	1410805	1430555	1416769	0.85	cps
Indium	115-1	1781515	1827753	1793079	1800783	1.34	cps
Indium	115-2	384729	385380	389556	386555	0.68	cps
Iron	56-2	17107334	16771548	16994915	16957932	1.01	cps
Iron	57-2	454611	452944	460675	456077	0.89	cps
Krypton	83-1	127	123	80	110	23.67	cps
Lead	206-1	788096	796953	787400	790816	0.67	cps
Lead	207-1	708205	706562	704560	706443	0.26	cps
Lead	208-1	3186489	3202527	3189377	3192798	0.27	cps
Lithium	6-1	1306779	1321594	1295101	1307825	1.02	cps
Magnesium	24-2	4315059	4253463	4305160	4291227	0.77	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	PB121232BS	Instrumnet Name :	P7
Client Sample ID :	PB121232BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 20:00:13	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	546397	548248	551180	548608	0.44	cps
Molybdenum	94-1	3120302	3112589	3118601	3117164	0.13	cps
Molybdenum	95-1	4013946	4019489	4031154	4021530	0.22	cps
Molybdenum	96-1	4389429	4421278	4419202	4409969	0.40	cps
Molybdenum	97-1	2434769	2451650	2399806	2428742	1.09	cps
Molybdenum	98-1	6325954	6399460	6276536	6333984	0.98	cps
Neodymium	150-1	140	120	107	122	13.73	cps
Neodymium	150-2	13	10	20	14	35.26	cps
Nickel	60-2	163935	162294	163915	163381	0.58	cps
Phosphorus	31-2	21583	21783	21583	21650	0.53	cps
Potassium	39-2	1903830	1917443	1905579	1908950	0.39	cps
Rhodium	103-1	1797848	1814933	1792164	1801648	0.66	cps
Rhodium	103-2	911938	913361	920962	915420	0.53	cps
Scandium	45-1	2055701	2082316	2064517	2067511	0.66	cps
Scandium	45-2	90706	91323	92148	91392	0.79	cps
Selenium	77-2	1233	1300	1160	1231	5.69	cps
Selenium	78-2	4245	4225	4291	4254	0.80	cps
Selenium	82-1	27930	28888	28425	28414	1.69	cps
Silicon	28-1	1639242	1660815	1666895	1655651	0.88	cps
Silver	109-1	1266038	1269217	1256032	1263763	0.54	cps
Silver	107-1	689071	700325	679724	689707	1.50	cps
Sodium	23-2	8586601	8456712	8524520	8522611	0.76	cps
Strontium	86-1	438296	442767	440575	440546	0.51	cps
Strontium	88-1	3724644	3774293	3718262	3739066	0.82	cps
Sulfur	34-1	420626	412854	413599	415693	1.03	cps
Terbium	159-1	2729856	2822122	2759342	2770440	1.70	cps
Terbium	159-2	1432378	1438682	1440964	1437341	0.31	cps
Thallium	203-1	979229	975621	968645	974498	0.55	cps
Thallium	205-1	2334534	2347026	2360221	2347260	0.55	cps
Thorium	232-1	3867315	3909283	3845714	3874104	0.83	cps
Tin	118-1	888685	896619	894415	893240	0.46	cps
Titanium	47-1	1534686	1526643	1512100	1524476	0.75	cps
Uranium	238-1	3728587	3808695	3801617	3779633	1.17	cps
Vanadium	51-2	411413	408296	413714	411141	0.66	cps
Yttrium	89-1	2578690	2616612	2590396	2595233	0.75	cps
Yttrium	89-2	371939	369075	372655	371223	0.51	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	PB121232BS	Instrumnet Name :	P7
Client Sample ID :	PB121232BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 20:00:13	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	124976	125776	126965	125906	0.80	cps
Zirconium	90-1	2386965	2366710	2380962	2378213	0.44	cps
Zirconium	91-1	523091	525920	526392	525134	0.34	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-07	Instrumnet Name :	P7
Client Sample ID :	SP19-LF3MW3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 20:03:50	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	367	375	475	406	14.87	cps
Antimony	121-1	3267	2859	2950	3025	7.08	cps
Arsenic	75-2	50	44	28	41	28.38	cps
Barium	135-1	51547	51864	51304	51572	0.54	cps
Barium	137-1	89781	88129	89102	89004	0.93	cps
Beryllium	9-1	170	120	107	132	25.25	cps
Bismuth	209-1	1484572	1483952	1483276	1483933	0.04	cps
Bismuth	209-2	822818	836777	830605	830067	0.84	cps
Boron	10-1	12055	11638	10863	11519	5.25	cps
Boron	11-1	54917	51363	51630	52637	3.76	cps
Cadmium	111-1	842	653	755	750	12.60	cps
Cadmium	106-1	942	733	867	847	12.45	cps
Cadmium	108-1	25	21	21	22	10.84	cps
Calcium	43-1	780349	766025	761746	769373	1.27	cps
Calcium	44-1	12459001	12110952	12267299	12279084	1.42	cps
Chromium	52-2	1657	1817	1743	1739	4.61	cps
Cobalt	59-2	147	107	123	126	16.00	cps
Copper	63-2	1897	1723	1810	1810	4.79	cps
Dysprosium	156-1	33	42	42	39	12.38	cps
Dysprosium	156-2	13	17	30	20	44.10	cps
Erbium	164-1	17	17	33	22	43.28	cps
Erbium	164-2	23	23	0	16	86.60	cps
Gadolinium	160-1	25	33	33	31	15.74	cps
Gadolinium	160-2	50	33	77	53	40.99	cps
Holmium	165-1	2638528	2635710	2711316	2661852	1.61	cps
Holmium	165-2	1341168	1362522	1347253	1350314	0.81	cps
Indium	115-1	1868351	1874058	1886216	1876208	0.49	cps
Indium	115-2	364086	369887	362839	365604	1.03	cps
Iron	56-2	205708	207259	205596	206188	0.45	cps
Iron	57-2	8664	9331	9264	9086	4.04	cps
Krypton	83-1	97	103	80	93	12.88	cps
Lead	206-1	706	556	544	602	14.95	cps
Lead	207-1	672	489	378	513	28.99	cps
Lead	208-1	2750	2245	2039	2345	15.61	cps
Lithium	6-1	1362836	1339476	1340412	1347575	0.98	cps
Magnesium	24-2	1659534	1696378	1660333	1672082	1.26	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-07	Instrumnet Name :	P7
Client Sample ID :	SP19-LF3MW3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 20:03:50	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	12972	13029	12502	12835	2.25	cps
Molybdenum	94-1	1208	1058	883	1050	15.49	cps
Molybdenum	95-1	1492	1300	1192	1328	11.44	cps
Molybdenum	96-1	1625	1475	1325	1475	10.17	cps
Molybdenum	97-1	950	733	850	845	12.84	cps
Molybdenum	98-1	2317	1875	1875	2022	12.61	cps
Neodymium	150-1	80	93	127	100	24.04	cps
Neodymium	150-2	40	33	30	34	14.78	cps
Nickel	60-2	107	100	117	108	7.78	cps
Phosphorus	31-2	75	50	42	56	31.22	cps
Potassium	39-2	43573	44191	43005	43590	1.36	cps
Rhodium	103-1	1859785	1856046	1889187	1868339	0.97	cps
Rhodium	103-2	890701	905111	898474	898095	0.80	cps
Scandium	45-1	2094084	2075704	2076647	2082145	0.50	cps
Scandium	45-2	84771	85733	84690	85065	0.68	cps
Selenium	77-2	10	0	3	4	114.60	cps
Selenium	78-2	17	20	26	21	22.21	cps
Selenium	82-1	38	0	53	31	89.23	cps
Silicon	28-1	17425538	17264968	17363883	17351463	0.47	cps
Silver	109-1	767	825	675	756	10.01	cps
Silver	107-1	617	488	371	492	25.01	cps
Sodium	23-2	2017592	2050415	2022600	2030202	0.87	cps
Strontium	86-1	984034	974299	963881	974071	1.03	cps
Strontium	88-1	8419557	8426707	8469584	8438616	0.32	cps
Sulfur	34-1	523656	518959	523242	521952	0.50	cps
Terbium	159-1	2831573	2819332	2875432	2842112	1.04	cps
Terbium	159-2	1344982	1368819	1364508	1359436	0.93	cps
Thallium	203-1	892	675	608	725	20.43	cps
Thallium	205-1	2259	1659	1433	1784	23.92	cps
Thorium	232-1	1356	1206	1145	1235	8.79	cps
Tin	118-1	3609	3426	3426	3487	3.04	cps
Titanium	47-1	725	742	458	642	24.78	cps
Uranium	238-1	4201	4426	4143	4256	3.52	cps
Vanadium	51-2	487	420	490	466	8.48	cps
Yttrium	89-1	2608777	2642794	2648624	2633398	0.82	cps
Yttrium	89-2	348996	351449	347054	349166	0.63	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-07	Instrumnet Name :	P7
Client Sample ID :	SP19-LF3MW3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 20:03:50	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1777	1690	1750	1739	2.55	cps
Zirconium	90-1	825	658	717	733	11.53	cps
Zirconium	91-1	117	167	92	125	30.55	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-08	Instrumnet Name :	P7
Client Sample ID :	SP19-LF3MW4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 20:07:26	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233	283	275	264	10.15	cps
Antimony	121-1	1025	1433	1408	1289	17.76	cps
Arsenic	75-2	1517	1561	1595	1558	2.51	cps
Barium	135-1	122992	121611	119611	121405	1.40	cps
Barium	137-1	211852	211205	208732	210596	0.78	cps
Beryllium	9-1	93	53	100	82	30.70	cps
Bismuth	209-1	1476678	1472190	1475897	1474922	0.16	cps
Bismuth	209-2	812458	817038	818400	815966	0.38	cps
Boron	10-1	5718	5710	5701	5710	0.15	cps
Boron	11-1	27375	26098	25322	26265	3.95	cps
Cadmium	111-1	737	663	594	665	10.79	cps
Cadmium	106-1	958	850	750	853	12.22	cps
Cadmium	108-1	13	4	21	13	66.64	cps
Calcium	43-1	1922559	1934811	1901723	1919697	0.87	cps
Calcium	44-1	31301732	31377904	31248056	31309231	0.21	cps
Chromium	52-2	1507	1570	1493	1523	2.69	cps
Cobalt	59-2	2860	2597	2660	2706	5.08	cps
Copper	63-2	1213	1340	1310	1288	5.14	cps
Dysprosium	156-1	75	100	92	89	14.32	cps
Dysprosium	156-2	37	40	50	42	16.43	cps
Erbium	164-1	108	150	125	128	16.41	cps
Erbium	164-2	63	40	53	52	22.41	cps
Gadolinium	160-1	150	100	200	150	33.34	cps
Gadolinium	160-2	87	90	110	96	13.21	cps
Holmium	165-1	2652214	2720204	2697855	2690091	1.29	cps
Holmium	165-2	1331259	1342378	1344135	1339257	0.52	cps
Indium	115-1	1869040	1874851	1870149	1871347	0.16	cps
Indium	115-2	356218	357596	352193	355336	0.79	cps
Iron	56-2	10157078	10129313	10069524	10118638	0.44	cps
Iron	57-2	273864	275015	272452	273777	0.47	cps
Krypton	83-1	77	77	90	81	9.49	cps
Lead	206-1	478	461	483	474	2.44	cps
Lead	207-1	333	411	367	370	10.54	cps
Lead	208-1	1822	1911	1717	1817	5.36	cps
Lithium	6-1	1263145	1264007	1253778	1260310	0.45	cps
Magnesium	24-2	1530345	1531674	1520865	1527628	0.39	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-08	Instrumnet Name :	P7
Client Sample ID :	SP19-LF3MW4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 20:07:26	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1635734	1638775	1639294	1637935	0.12	cps
Molybdenum	94-1	2642	2742	2909	2764	4.88	cps
Molybdenum	95-1	1367	1233	1275	1292	5.28	cps
Molybdenum	96-1	1725	1967	1784	1825	6.91	cps
Molybdenum	97-1	1017	925	850	931	8.97	cps
Molybdenum	98-1	1959	1875	1784	1872	4.68	cps
Neodymium	150-1	140	120	120	127	9.12	cps
Neodymium	150-2	30	50	43	41	24.77	cps
Nickel	60-2	387	460	383	410	10.57	cps
Phosphorus	31-2	83	50	33	56	45.83	cps
Potassium	39-2	133773	133662	131764	133067	0.85	cps
Rhodium	103-1	1834807	1828277	1848242	1837108	0.55	cps
Rhodium	103-2	871483	874668	871552	872568	0.21	cps
Scandium	45-1	2016672	2016448	2016644	2016588	0.01	cps
Scandium	45-2	80373	80812	79911	80365	0.56	cps
Selenium	77-2	7	3	17	9	78.08	cps
Selenium	78-2	15	28	17	20	35.50	cps
Selenium	82-1	38	70	43	51	34.07	cps
Silicon	28-1	27652446	27887951	27834328	27791575	0.44	cps
Silver	109-1	300	367	275	314	15.10	cps
Silver	107-1	267	117	221	201	38.17	cps
Sodium	23-2	577939	575078	570888	574635	0.62	cps
Strontium	86-1	917349	911845	912556	913917	0.33	cps
Strontium	88-1	7894742	8010536	7980556	7961944	0.75	cps
Sulfur	34-1	297481	297941	293435	296286	0.84	cps
Terbium	159-1	2851853	2891054	2888789	2877232	0.76	cps
Terbium	159-2	1342564	1354452	1362763	1353260	0.75	cps
Thallium	203-1	67	158	83	103	47.51	cps
Thallium	205-1	350	175	200	242	39.17	cps
Thorium	232-1	456	322	394	391	17.08	cps
Tin	118-1	2509	2567	2500	2525	1.44	cps
Titanium	47-1	750	1042	925	906	16.21	cps
Uranium	238-1	12815	12790	12940	12849	0.63	cps
Vanadium	51-2	323	273	313	303	8.72	cps
Yttrium	89-1	2605599	2635692	2641072	2627454	0.73	cps
Yttrium	89-2	340261	341097	337238	339532	0.60	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-08	Instrumnet Name :	P7
Client Sample ID :	SP19-LF3MW4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 20:07:26	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1337	1390	1407	1378	2.65	cps
Zirconium	90-1	5118	5034	5376	5176	3.44	cps
Zirconium	91-1	1242	1175	1250	1222	3.36	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-09	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0941	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 20:11:03	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	125	108	125	13.33	cps
Antimony	121-1	1308	1308	1242	1286	2.99	cps
Arsenic	75-2	33	41	50	41	20.20	cps
Barium	135-1	12197	12623	12389	12403	1.72	cps
Barium	137-1	20866	21058	21726	21217	2.13	cps
Beryllium	9-1	73	60	87	73	18.18	cps
Bismuth	209-1	1477771	1507326	1506496	1497197	1.12	cps
Bismuth	209-2	813783	821407	817070	817420	0.47	cps
Boron	10-1	2909	2875	2809	2864	1.78	cps
Boron	11-1	12939	12797	12697	12811	0.95	cps
Cadmium	111-1	591	615	682	629	7.52	cps
Cadmium	106-1	767	733	883	795	9.91	cps
Cadmium	108-1	0	4	4	3	86.60	cps
Calcium	43-1	648332	648808	641244	646128	0.66	cps
Calcium	44-1	10252685	10331642	10380481	10321603	0.62	cps
Chromium	52-2	1183	1263	1417	1288	9.21	cps
Cobalt	59-2	107	87	123	106	17.39	cps
Copper	63-2	3324	3234	3360	3306	1.97	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	7	10	7	8	24.71	cps
Erbium	164-1	17	25	8	17	50.01	cps
Erbium	164-2	7	7	13	9	43.25	cps
Gadolinium	160-1	17	25	25	22	21.64	cps
Gadolinium	160-2	40	37	27	34	20.14	cps
Holmium	165-1	2666802	2710901	2713638	2697114	0.97	cps
Holmium	165-2	1318452	1318422	1337466	1324780	0.83	cps
Indium	115-1	1861610	1877609	1894471	1877897	0.88	cps
Indium	115-2	352470	350877	352677	352008	0.28	cps
Iron	56-2	13740	13545	13668	13651	0.72	cps
Iron	57-2	3334	3662	3512	3502	4.69	cps
Krypton	83-1	113	107	83	101	15.58	cps
Lead	206-1	417	389	417	407	3.94	cps
Lead	207-1	422	294	494	404	25.09	cps
Lead	208-1	1778	1600	1883	1754	8.16	cps
Lithium	6-1	1234202	1227990	1226702	1229631	0.33	cps
Magnesium	24-2	994080	991422	1003317	996273	0.63	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3636-09 Instrumnet Name : P7
 Client Sample ID : SP19-JMW0941 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 20:11:03 DataFile Name : 092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5645	5941	5975	5853	3.10	cps
Molybdenum	94-1	317	358	292	322	10.45	cps
Molybdenum	95-1	417	417	392	408	3.53	cps
Molybdenum	96-1	583	358	450	464	24.39	cps
Molybdenum	97-1	308	267	175	250	27.28	cps
Molybdenum	98-1	783	608	700	697	12.56	cps
Neodymium	150-1	7	20	20	16	49.47	cps
Neodymium	150-2	10	7	7	8	24.71	cps
Nickel	60-2	163	150	123	146	13.99	cps
Phosphorus	31-2	17	50	33	33	50.00	cps
Potassium	39-2	31368	32428	32687	32161	2.17	cps
Rhodium	103-1	1847851	1845330	1874800	1855994	0.88	cps
Rhodium	103-2	870373	867785	873898	870685	0.35	cps
Scandium	45-1	1962121	1948784	1961130	1957345	0.38	cps
Scandium	45-2	78677	78245	79777	78900	1.00	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	20	20	19	20	5.41	cps
Selenium	82-1	0	28	43	24	91.21	cps
Silicon	28-1	9568343	9535124	9625659	9576376	0.48	cps
Silver	109-1	258	200	158	206	24.44	cps
Silver	107-1	38	217	138	131	68.77	cps
Sodium	23-2	403235	402594	405184	403671	0.33	cps
Strontium	86-1	368338	368015	368701	368351	0.09	cps
Strontium	88-1	3180733	3208096	3247246	3212025	1.04	cps
Sulfur	34-1	255463	256971	251591	254675	1.09	cps
Terbium	159-1	2834482	2870741	2881938	2862387	0.87	cps
Terbium	159-2	1327689	1325381	1339635	1330901	0.57	cps
Thallium	203-1	83	75	42	67	33.07	cps
Thallium	205-1	217	158	133	169	25.24	cps
Thorium	232-1	150	183	206	180	15.56	cps
Tin	118-1	2225	2400	2292	2306	3.83	cps
Titanium	47-1	450	450	292	397	23.01	cps
Uranium	238-1	3792	3592	3492	3626	4.21	cps
Vanadium	51-2	427	437	477	447	5.92	cps
Yttrium	89-1	2580267	2614432	2625308	2606669	0.90	cps
Yttrium	89-2	332061	333214	335827	333700	0.58	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-09	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0941	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 20:11:03	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1720	1810	1813	1781	2.97	cps
Zirconium	90-1	325	342	350	339	3.76	cps
Zirconium	91-1	67	67	58	64	7.53	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-10	Instrumnet Name :	P7
Client Sample ID :	SP19-MMW0002	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 20:14:39	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1342	1392	1492	1408	5.42	cps
Antimony	121-1	1150	1183	1275	1203	5.38	cps
Arsenic	75-2	44	33	26	35	26.95	cps
Barium	135-1	18730	18546	18647	18641	0.49	cps
Barium	137-1	33633	32339	32180	32717	2.44	cps
Beryllium	9-1	77	57	80	71	17.74	cps
Bismuth	209-1	1480590	1485778	1484264	1483544	0.18	cps
Bismuth	209-2	817643	826175	817808	820542	0.59	cps
Boron	10-1	2067	1859	2067	1997	6.02	cps
Boron	11-1	10421	9995	10029	10148	2.33	cps
Cadmium	111-1	611	591	723	642	11.10	cps
Cadmium	106-1	800	767	983	850	13.73	cps
Cadmium	108-1	17	0	4	7	124.88	cps
Calcium	43-1	839702	839547	823618	834289	1.11	cps
Calcium	44-1	13530817	13613979	13379358	13508052	0.88	cps
Chromium	52-2	2020	2094	2190	2101	4.06	cps
Cobalt	59-2	160	137	177	158	12.73	cps
Copper	63-2	3641	3574	3581	3598	1.02	cps
Dysprosium	156-1	58	83	67	69	18.33	cps
Dysprosium	156-2	33	60	47	47	28.58	cps
Erbium	164-1	67	117	67	83	34.64	cps
Erbium	164-2	27	23	33	28	18.33	cps
Gadolinium	160-1	117	100	133	117	14.28	cps
Gadolinium	160-2	80	53	87	73	24.06	cps
Holmium	165-1	2692164	2717340	2705020	2704841	0.47	cps
Holmium	165-2	1327034	1326869	1323096	1325666	0.17	cps
Indium	115-1	1877174	1897807	1873717	1882899	0.69	cps
Indium	115-2	349531	354119	353170	352273	0.69	cps
Iron	56-2	63320	63838	64073	63744	0.60	cps
Iron	57-2	5501	5546	5979	5675	4.65	cps
Krypton	83-1	100	83	107	97	12.43	cps
Lead	206-1	756	594	639	663	12.55	cps
Lead	207-1	522	600	500	541	9.71	cps
Lead	208-1	2678	2522	2645	2615	3.13	cps
Lithium	6-1	1221791	1222098	1206115	1216668	0.75	cps
Magnesium	24-2	833466	834593	837614	835224	0.26	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-10	Instrumnet Name :	P7
Client Sample ID :	SP19-MMW0002	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 20:14:39	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3004	2764	2944	2904	4.30	cps
Molybdenum	94-1	375	525	425	442	17.29	cps
Molybdenum	95-1	417	483	433	444	7.81	cps
Molybdenum	96-1	500	500	558	519	6.48	cps
Molybdenum	97-1	292	358	275	308	14.30	cps
Molybdenum	98-1	675	717	750	714	5.26	cps
Neodymium	150-1	160	120	207	162	26.74	cps
Neodymium	150-2	97	97	70	88	17.54	cps
Nickel	60-2	260	210	260	243	11.87	cps
Phosphorus	31-2	50	67	67	61	15.75	cps
Potassium	39-2	91582	92882	91682	92049	0.79	cps
Rhodium	103-1	1820865	1856865	1852273	1843334	1.06	cps
Rhodium	103-2	868479	881918	880058	876819	0.83	cps
Scandium	45-1	1954798	1992181	1978158	1975046	0.96	cps
Scandium	45-2	79187	80561	79395	79714	0.93	cps
Selenium	77-2	3	7	7	6	34.70	cps
Selenium	78-2	24	20	22	22	8.33	cps
Selenium	82-1	11	46	4	21	109.08	cps
Silicon	28-1	8547260	8687707	8576299	8603755	0.86	cps
Silver	109-1	192	175	217	194	10.79	cps
Silver	107-1	188	46	83	106	69.53	cps
Sodium	23-2	1065673	1059324	1067401	1064132	0.40	cps
Strontium	86-1	400354	395711	391712	395926	1.09	cps
Strontium	88-1	3448358	3510062	3449059	3469160	1.02	cps
Sulfur	34-1	229642	227721	227290	228218	0.55	cps
Terbium	159-1	2867519	2892530	2871518	2877189	0.47	cps
Terbium	159-2	1338899	1335188	1340720	1338269	0.21	cps
Thallium	203-1	100	25	58	61	61.49	cps
Thallium	205-1	117	117	83	106	18.23	cps
Thorium	232-1	272	322	233	276	16.15	cps
Tin	118-1	1867	1942	1967	1925	2.70	cps
Titanium	47-1	1175	1067	967	1070	9.74	cps
Uranium	238-1	4318	4468	4184	4323	3.28	cps
Vanadium	51-2	580	557	643	593	7.56	cps
Yttrium	89-1	2566133	2625868	2598721	2596907	1.15	cps
Yttrium	89-2	333054	336634	339006	336232	0.89	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-10	Instrumnet Name :	P7
Client Sample ID :	SP19-MMW0002	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 20:14:39	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2394	2420	2234	2349	4.30	cps
Zirconium	90-1	492	367	475	444	15.27	cps
Zirconium	91-1	42	108	133	94	50.17	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-11	Instrumnet Name :	P7
Client Sample ID :	SP19-MMW0018B	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 20:18:16	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1392	1317	1300	1336	3.66	cps
Antimony	121-1	1225	1617	1383	1408	13.99	cps
Arsenic	75-2	52	15	33	33	55.57	cps
Barium	135-1	10413	9796	10296	10168	3.22	cps
Barium	137-1	17195	17528	17395	17373	0.97	cps
Beryllium	9-1	40	80	73	64	33.25	cps
Bismuth	209-1	1475244	1483007	1492407	1483553	0.58	cps
Bismuth	209-2	812690	824717	820634	819347	0.75	cps
Boron	10-1	2100	2134	1992	2075	3.57	cps
Boron	11-1	9578	8561	8770	8970	5.99	cps
Cadmium	111-1	690	729	815	744	8.62	cps
Cadmium	106-1	750	792	833	792	5.26	cps
Cadmium	108-1	21	13	8	14	45.83	cps
Calcium	43-1	808284	807040	806017	807114	0.14	cps
Calcium	44-1	13008429	13106390	13011116	13041978	0.43	cps
Chromium	52-2	1583	1563	1673	1607	3.65	cps
Cobalt	59-2	110	90	93	98	10.96	cps
Copper	63-2	1957	2107	1927	1997	4.83	cps
Dysprosium	156-1	25	75	58	53	48.24	cps
Dysprosium	156-2	37	23	33	31	22.31	cps
Erbium	164-1	50	25	100	58	65.47	cps
Erbium	164-2	33	30	17	27	33.06	cps
Gadolinium	160-1	50	33	67	50	33.34	cps
Gadolinium	160-2	60	60	43	54	17.68	cps
Holmium	165-1	2642050	2678715	2701993	2674253	1.13	cps
Holmium	165-2	1319751	1317661	1314747	1317386	0.19	cps
Indium	115-1	1869990	1857721	1885485	1871065	0.74	cps
Indium	115-2	349823	350277	352485	350862	0.41	cps
Iron	56-2	34552	34764	34993	34770	0.63	cps
Iron	57-2	4895	5090	4851	4945	2.57	cps
Krypton	83-1	77	87	87	83	6.93	cps
Lead	206-1	450	344	350	381	15.57	cps
Lead	207-1	400	300	272	324	20.74	cps
Lead	208-1	1606	1328	1361	1432	10.60	cps
Lithium	6-1	1195688	1205231	1197902	1199607	0.42	cps
Magnesium	24-2	797282	801858	796347	798496	0.37	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-11	Instrumnet Name :	P7
Client Sample ID :	SP19-MMW0018B	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 20:18:16	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1240	1233	1207	1227	1.44	cps
Molybdenum	94-1	208	217	242	222	7.81	cps
Molybdenum	95-1	175	142	158	158	10.53	cps
Molybdenum	96-1	175	208	208	197	9.76	cps
Molybdenum	97-1	117	108	75	100	22.05	cps
Molybdenum	98-1	167	208	292	222	28.64	cps
Neodymium	150-1	87	67	93	82	16.88	cps
Neodymium	150-2	33	37	17	29	37.08	cps
Nickel	60-2	110	120	127	119	7.06	cps
Phosphorus	31-2	67	42	33	47	36.74	cps
Potassium	39-2	56274	56534	55914	56241	0.55	cps
Rhodium	103-1	1803586	1833376	1839124	1825362	1.05	cps
Rhodium	103-2	860827	877326	873572	870575	0.99	cps
Scandium	45-1	1940283	1949297	1917104	1935561	0.86	cps
Scandium	45-2	77753	78587	77682	78007	0.64	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	26	20	19	22	17.85	cps
Selenium	82-1	48	24	17	30	54.25	cps
Silicon	28-1	9260516	9277172	9239269	9258986	0.21	cps
Silver	109-1	225	142	125	164	32.69	cps
Silver	107-1	113	179	104	132	31.16	cps
Sodium	23-2	282203	280138	281656	281332	0.38	cps
Strontium	86-1	350252	354091	350375	351573	0.62	cps
Strontium	88-1	3043044	3065693	3059630	3056122	0.38	cps
Sulfur	34-1	240657	234507	230302	235155	2.21	cps
Terbium	159-1	2838853	2890407	2889370	2872877	1.03	cps
Terbium	159-2	1315105	1330283	1329456	1324948	0.64	cps
Thallium	203-1	17	17	42	25	57.73	cps
Thallium	205-1	92	133	67	97	34.64	cps
Thorium	232-1	389	361	306	352	12.06	cps
Tin	118-1	2059	2259	1959	2092	7.30	cps
Titanium	47-1	808	775	992	858	13.59	cps
Uranium	238-1	2225	2134	1850	2070	9.45	cps
Vanadium	51-2	487	500	450	479	5.41	cps
Yttrium	89-1	2542437	2583797	2571292	2565842	0.83	cps
Yttrium	89-2	331475	334053	330784	332104	0.52	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-11	Instrumnet Name :	P7
Client Sample ID :	SP19-MMW0018B	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 20:18:16	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1350	1267	1237	1285	4.57	cps
Zirconium	90-1	508	383	425	439	14.50	cps
Zirconium	91-1	133	208	42	128	65.33	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-12	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0980	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 20:21:53	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	300	408	542	417	29.05	cps
Antimony	121-1	1242	1242	1167	1217	3.56	cps
Arsenic	75-2	1367	1257	1456	1360	7.30	cps
Barium	135-1	139427	140564	141450	140480	0.72	cps
Barium	137-1	248148	242268	242654	244357	1.35	cps
Beryllium	9-1	73	73	67	71	5.41	cps
Bismuth	209-1	1466322	1461787	1457146	1461752	0.31	cps
Bismuth	209-2	782504	793864	814334	796901	2.02	cps
Boron	10-1	22075	21950	22701	22242	1.81	cps
Boron	11-1	101113	100575	101641	101110	0.53	cps
Cadmium	111-1	926	753	904	861	10.91	cps
Cadmium	106-1	967	775	950	897	11.83	cps
Cadmium	108-1	25	8	33	22	57.29	cps
Calcium	43-1	1770981	1754918	1746058	1757319	0.72	cps
Calcium	44-1	28840924	28646116	28787318	28758119	0.35	cps
Chromium	52-2	1693	1687	1843	1741	5.09	cps
Cobalt	59-2	8409	8526	8373	8436	0.95	cps
Copper	63-2	62741	62961	64836	63513	1.81	cps
Dysprosium	156-1	42	67	33	47	36.74	cps
Dysprosium	156-2	33	33	23	30	19.25	cps
Erbium	164-1	75	92	142	103	33.76	cps
Erbium	164-2	43	57	40	47	18.90	cps
Gadolinium	160-1	25	58	100	61	61.49	cps
Gadolinium	160-2	60	80	73	71	14.32	cps
Holmium	165-1	2649888	2697400	2684255	2677181	0.92	cps
Holmium	165-2	1293966	1308507	1343922	1315465	1.95	cps
Indium	115-1	1828201	1827556	1831550	1829102	0.12	cps
Indium	115-2	336104	341798	348711	342204	1.84	cps
Iron	56-2	12166801	12174844	12361445	12234363	0.90	cps
Iron	57-2	321778	327266	332122	327055	1.58	cps
Krypton	83-1	107	80	93	93	14.29	cps
Lead	206-1	2072	2084	2117	2091	1.11	cps
Lead	207-1	1722	1672	1872	1756	5.93	cps
Lead	208-1	7940	8023	8479	8148	3.56	cps
Lithium	6-1	1173816	1170325	1160468	1168203	0.59	cps
Magnesium	24-2	1635678	1668290	1700647	1668205	1.95	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-12	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0980	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 20:21:53	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	345948	354535	360713	353732	2.10	cps
Molybdenum	94-1	2117	2025	2059	2067	2.24	cps
Molybdenum	95-1	350	408	475	411	15.21	cps
Molybdenum	96-1	800	1025	925	917	12.30	cps
Molybdenum	97-1	325	242	267	278	15.40	cps
Molybdenum	98-1	708	617	608	644	8.61	cps
Neodymium	150-1	73	73	67	71	5.41	cps
Neodymium	150-2	33	37	20	30	29.40	cps
Nickel	60-2	3514	3414	3574	3500	2.31	cps
Phosphorus	31-2	50	100	117	89	39.03	cps
Potassium	39-2	547765	558875	573052	559897	2.26	cps
Rhodium	103-1	1787356	1790805	1783726	1787296	0.20	cps
Rhodium	103-2	837548	839442	858508	845166	1.37	cps
Scandium	45-1	1930836	1895575	1892270	1906227	1.12	cps
Scandium	45-2	75970	76952	78771	77231	1.84	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	24	33	22	27	22.43	cps
Selenium	82-1	19	71	38	42	61.30	cps
Silicon	28-1	35332786	34989280	35216753	35179606	0.50	cps
Silver	109-1	142	133	125	133	6.25	cps
Silver	107-1	146	133	171	150	12.73	cps
Sodium	23-2	1864232	1889283	1932729	1895415	1.83	cps
Strontium	86-1	1105883	1079802	1074463	1086716	1.55	cps
Strontium	88-1	9483960	9382718	9426851	9431176	0.54	cps
Sulfur	34-1	167506	165181	167178	166622	0.76	cps
Terbium	159-1	2827997	2867696	2893904	2863199	1.16	cps
Terbium	159-2	1299450	1319932	1333654	1317678	1.31	cps
Thallium	203-1	42	8	33	28	62.46	cps
Thallium	205-1	58	75	75	69	13.85	cps
Thorium	232-1	206	156	200	187	14.65	cps
Tin	118-1	2342	2259	2717	2439	10.01	cps
Titanium	47-1	1900	1975	2009	1961	2.83	cps
Uranium	238-1	1383	1475	1417	1425	3.26	cps
Vanadium	51-2	333	367	303	334	9.47	cps
Yttrium	89-1	2551863	2543148	2534824	2543278	0.34	cps
Yttrium	89-2	321401	326148	332783	326777	1.75	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-12	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0980	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 20:21:53	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	18161	17968	18218	18116	0.72	cps
Zirconium	90-1	5718	5193	5368	5426	4.93	cps
Zirconium	91-1	1225	1283	1267	1258	2.39	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3734-01DLX20	Instrumnet Name :	P7
Client Sample ID :	SP19-056-MW02DL	Dilution Factor :	20
Date & Time Acquired ::	2019-07-17 20:25:30	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	50	158	117	50.00	cps
Antimony	121-1	167	192	250	203	21.09	cps
Arsenic	75-2	185	148	176	170	11.36	cps
Barium	135-1	3434	3609	3751	3598	4.41	cps
Barium	137-1	6552	6252	6143	6316	3.35	cps
Beryllium	9-1	47	50	67	54	19.68	cps
Bismuth	209-1	1435327	1531099	1507610	1491345	3.35	cps
Bismuth	209-2	856440	870616	859290	862115	0.87	cps
Boron	10-1	1850	1800	1758	1803	2.55	cps
Boron	11-1	7811	7927	7069	7602	6.13	cps
Cadmium	111-1	594	600	716	637	10.81	cps
Cadmium	106-1	833	833	992	886	10.32	cps
Cadmium	108-1	8	0	4	4	99.96	cps
Calcium	43-1	65789	66107	64600	65498	1.21	cps
Calcium	44-1	1047667	1041667	1038424	1042586	0.45	cps
Chromium	52-2	420	420	363	401	8.16	cps
Cobalt	59-2	423	417	367	402	7.70	cps
Copper	63-2	1040	873	893	936	9.73	cps
Dysprosium	156-1	67	75	58	67	12.49	cps
Dysprosium	156-2	17	30	20	22	31.22	cps
Erbium	164-1	42	42	17	33	43.30	cps
Erbium	164-2	23	13	13	17	34.65	cps
Gadolinium	160-1	42	50	8	33	66.15	cps
Gadolinium	160-2	47	67	67	60	19.24	cps
Holmium	165-1	2547432	2703654	2676664	2642583	3.16	cps
Holmium	165-2	1366491	1371803	1367114	1368469	0.21	cps
Indium	115-1	1792334	1922811	1877207	1864117	3.55	cps
Indium	115-2	371298	372987	371508	371931	0.25	cps
Iron	56-2	209039	210070	207793	208968	0.55	cps
Iron	57-2	5579	5401	5779	5586	3.38	cps
Krypton	83-1	80	67	110	86	25.94	cps
Lead	206-1	150	167	144	154	7.52	cps
Lead	207-1	83	133	106	107	23.32	cps
Lead	208-1	483	644	539	556	14.73	cps
Lithium	6-1	1176069	1232119	1221304	1209831	2.46	cps
Magnesium	24-2	43832	43890	43548	43756	0.42	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3734-01DLX20	Instrumnet Name :	P7
Client Sample ID :	SP19-056-MW02DL	Dilution Factor :	20
Date & Time Acquired ::	2019-07-17 20:25:30	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	342201	339918	343761	341960	0.57	cps
Molybdenum	94-1	183	225	242	217	13.87	cps
Molybdenum	95-1	100	142	133	125	17.64	cps
Molybdenum	96-1	167	125	133	142	15.56	cps
Molybdenum	97-1	75	50	108	78	37.63	cps
Molybdenum	98-1	158	225	200	194	17.32	cps
Neodymium	150-1	47	67	60	58	17.62	cps
Neodymium	150-2	33	33	10	26	52.71	cps
Nickel	60-2	97	97	70	88	17.54	cps
Phosphorus	31-2	42	33	25	33	25.01	cps
Potassium	39-2	9028	9578	9445	9351	3.07	cps
Rhodium	103-1	1802400	1918754	1879007	1866720	3.17	cps
Rhodium	103-2	908190	917100	909973	911754	0.52	cps
Scandium	45-1	1946121	2026236	1989776	1987378	2.02	cps
Scandium	45-2	82240	81586	83336	82387	1.07	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	17	11	30	19	49.66	cps
Selenium	82-1	25	41	9	25	65.14	cps
Silicon	28-1	1137310	1124819	1116143	1126090	0.94	cps
Silver	109-1	67	58	58	61	7.87	cps
Silver	107-1	42	38	54	44	19.52	cps
Sodium	23-2	119624	121716	119438	120259	1.05	cps
Strontium	86-1	38637	38720	37951	38436	1.10	cps
Strontium	88-1	338116	335517	330068	334567	1.23	cps
Sulfur	34-1	182252	182772	178278	181101	1.36	cps
Terbium	159-1	2732276	2909466	2837674	2826472	3.15	cps
Terbium	159-2	1367996	1383726	1374337	1375353	0.58	cps
Thallium	203-1	8	8	33	17	86.62	cps
Thallium	205-1	25	25	42	31	31.50	cps
Thorium	232-1	67	100	67	78	24.74	cps
Tin	118-1	175	200	175	183	7.87	cps
Titanium	47-1	92	117	92	100	14.43	cps
Uranium	238-1	300	258	367	308	17.72	cps
Vanadium	51-2	43	43	33	40	14.43	cps
Yttrium	89-1	2476944	2649668	2597841	2574818	3.44	cps
Yttrium	89-2	346460	349231	350107	348599	0.55	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3734-01DLX20	Instrumnet Name :	P7
Client Sample ID :	SP19-056-MW02DL	Dilution Factor :	20
Date & Time Acquired ::	2019-07-17 20:25:30	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	253	247	217	239	8.18	cps
Zirconium	90-1	333	308	342	328	5.29	cps
Zirconium	91-1	50	100	100	83	34.64	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-02DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0961DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 20:29:06	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	92	100	125	40.55	cps
Antimony	121-1	408	367	283	353	18.04	cps
Arsenic	75-2	204	181	167	184	10.13	cps
Barium	135-1	18622	17361	18813	18265	4.32	cps
Barium	137-1	32723	31436	31219	31793	2.56	cps
Beryllium	9-1	70	47	57	58	20.26	cps
Bismuth	209-1	1503341	1512988	1487693	1501341	0.85	cps
Bismuth	209-2	844385	844327	845123	844612	0.05	cps
Boron	10-1	2225	2350	2034	2203	7.24	cps
Boron	11-1	10170	10095	10621	10295	2.76	cps
Cadmium	111-1	586	694	546	609	12.57	cps
Cadmium	106-1	842	983	758	861	13.21	cps
Cadmium	108-1	17	4	8	10	65.47	cps
Calcium	43-1	399322	396346	383601	393090	2.12	cps
Calcium	44-1	6335762	6367680	6236314	6313252	1.09	cps
Chromium	52-2	570	530	563	554	3.86	cps
Cobalt	59-2	467	450	400	439	7.91	cps
Copper	63-2	593	467	580	547	12.73	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	10	13	7	10	33.30	cps
Erbium	164-1	8	50	17	25	88.19	cps
Erbium	164-2	7	13	17	12	41.65	cps
Gadolinium	160-1	33	25	42	33	25.01	cps
Gadolinium	160-2	63	40	63	56	24.25	cps
Holmium	165-1	2671520	2649474	2662411	2661135	0.42	cps
Holmium	165-2	1362009	1358306	1348342	1356219	0.52	cps
Indium	115-1	1898855	1893475	1882074	1891468	0.45	cps
Indium	115-2	368688	369173	365235	367699	0.58	cps
Iron	56-2	1470550	1476077	1462302	1469643	0.47	cps
Iron	57-2	40061	40083	39659	39934	0.60	cps
Krypton	83-1	60	87	87	78	19.80	cps
Lead	206-1	106	217	100	141	46.76	cps
Lead	207-1	94	100	111	102	8.33	cps
Lead	208-1	444	650	428	507	24.39	cps
Lithium	6-1	1240249	1231308	1211662	1227740	1.19	cps
Magnesium	24-2	198084	194040	192915	195013	1.39	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-02DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0961DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 20:29:06	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	192302	193193	192944	192813	0.24	cps
Molybdenum	94-1	392	342	258	331	20.38	cps
Molybdenum	95-1	58	83	100	81	26.03	cps
Molybdenum	96-1	150	225	150	175	24.74	cps
Molybdenum	97-1	125	25	33	61	90.79	cps
Molybdenum	98-1	108	67	67	81	29.86	cps
Neodymium	150-1	20	13	20	18	21.66	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	217	180	243	213	14.90	cps
Phosphorus	31-2	67	50	75	64	19.92	cps
Potassium	39-2	39955	39445	39294	39565	0.87	cps
Rhodium	103-1	1895958	1878332	1854700	1876330	1.10	cps
Rhodium	103-2	887806	901133	897781	895573	0.77	cps
Scandium	45-1	2007468	1999543	1993935	2000315	0.34	cps
Scandium	45-2	81372	81389	81121	81294	0.18	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	19	26	17	53.92	cps
Selenium	82-1	55	7	20	27	91.08	cps
Silicon	28-1	4421781	4436187	4396529	4418166	0.45	cps
Silver	109-1	83	50	100	78	32.73	cps
Silver	107-1	58	75	75	69	13.85	cps
Sodium	23-2	216398	216252	212963	215204	0.90	cps
Strontium	86-1	166815	162897	158540	162751	2.54	cps
Strontium	88-1	1403504	1366044	1362706	1377418	1.64	cps
Sulfur	34-1	174055	170153	173078	172429	1.18	cps
Terbium	159-1	2861775	2870544	2829994	2854105	0.75	cps
Terbium	159-2	1361723	1307533	1361631	1343629	2.33	cps
Thallium	203-1	8	33	25	22	57.29	cps
Thallium	205-1	58	25	58	47	40.76	cps
Thorium	232-1	100	78	44	74	37.74	cps
Tin	118-1	333	258	358	317	16.43	cps
Titanium	47-1	158	167	175	167	5.00	cps
Uranium	238-1	1125	858	908	964	14.71	cps
Vanadium	51-2	70	53	70	64	14.93	cps
Yttrium	89-1	2624680	2629559	2603102	2619114	0.54	cps
Yttrium	89-2	343793	344988	343728	344170	0.21	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-02DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0961DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 20:29:06	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	390	343	307	347	12.05	cps
Zirconium	90-1	942	808	725	825	13.25	cps
Zirconium	91-1	192	100	92	128	43.43	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P7
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 20:33:58	DataFile Name :	098CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1828313	1855662	1879598	1854525	1.38	cps
Antimony	121-1	1048132	1035057	1038951	1040714	0.65	cps
Arsenic	75-2	41851	42547	42428	42275	0.88	cps
Barium	135-1	1361028	1356491	1352530	1356683	0.31	cps
Barium	137-1	2394059	2369146	2388246	2383817	0.55	cps
Beryllium	9-1	475348	476390	472729	474822	0.40	cps
Bismuth	209-1	1286038	1270636	1271196	1275957	0.68	cps
Bismuth	209-2	772430	826861	780918	793403	3.69	cps
Boron	10-1	82131	85081	84067	83760	1.79	cps
Boron	11-1	362710	374953	373261	370308	1.79	cps
Cadmium	111-1	280791	276145	274079	277005	1.24	cps
Cadmium	106-1	33465	31745	32546	32586	2.64	cps
Cadmium	108-1	22201	22063	22322	22195	0.58	cps
Calcium	43-1	2815338	2838203	2839817	2831120	0.48	cps
Calcium	44-1	44749727	44735848	44721347	44735641	0.03	cps
Chromium	52-2	452864	458823	466396	459361	1.48	cps
Cobalt	59-2	599941	603585	612893	605473	1.10	cps
Copper	63-2	764045	772075	783903	773341	1.29	cps
Dysprosium	156-1	42	58	42	47	20.38	cps
Dysprosium	156-2	27	37	43	36	23.58	cps
Erbium	164-1	8	17	17	14	34.67	cps
Erbium	164-2	3	0	10	4	114.60	cps
Gadolinium	160-1	17	42	42	33	43.30	cps
Gadolinium	160-2	80	47	53	60	29.40	cps
Holmium	165-1	2509330	2497634	2542385	2516449	0.92	cps
Holmium	165-2	1364599	1458736	1384045	1402460	3.54	cps
Indium	115-1	1695602	1689642	1699345	1694863	0.29	cps
Indium	115-2	359151	384429	363831	369137	3.64	cps
Iron	56-2	81024599	80681668	81771641	81159303	0.69	cps
Iron	57-2	2063074	2067947	2084405	2071808	0.54	cps
Krypton	83-1	90	97	73	87	13.87	cps
Lead	206-1	724697	729351	726048	726698	0.33	cps
Lead	207-1	654132	656882	654127	655047	0.24	cps
Lead	208-1	2969789	2970070	2968402	2969420	0.03	cps
Lithium	6-1	1195991	1190951	1190150	1192364	0.27	cps
Magnesium	24-2	19804821	19972680	20093901	19957134	0.73	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P7
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 20:33:58	DataFile Name :	098CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	502722	506074	517747	508848	1.55	cps
Molybdenum	94-1	3028771	3042092	3043868	3038244	0.27	cps
Molybdenum	95-1	3944485	3947657	3966266	3952803	0.30	cps
Molybdenum	96-1	4335777	4342047	4338114	4338646	0.07	cps
Molybdenum	97-1	2386111	2393024	2381092	2386742	0.25	cps
Molybdenum	98-1	6270748	6238834	6291674	6267085	0.42	cps
Neodymium	150-1	100	100	93	98	3.93	cps
Neodymium	150-2	13	30	27	23	37.81	cps
Nickel	60-2	150543	150658	152140	151114	0.59	cps
Phosphorus	31-2	18812	19255	19780	19282	2.51	cps
Potassium	39-2	9064287	9080584	9248946	9131273	1.12	cps
Rhodium	103-1	1634265	1638848	1646695	1639936	0.38	cps
Rhodium	103-2	827284	886970	838303	850852	3.73	cps
Scandium	45-1	1941164	1939069	1950077	1943437	0.30	cps
Scandium	45-2	85257	91776	87235	88089	3.79	cps
Selenium	77-2	1197	1210	1200	1202	0.58	cps
Selenium	78-2	3901	3995	3884	3926	1.53	cps
Selenium	82-1	25188	25361	25741	25430	1.11	cps
Silicon	28-1	1582575	1635270	1650429	1622758	2.19	cps
Silver	109-1	1261211	1253057	1256293	1256854	0.33	cps
Silver	107-1	688816	682271	692477	687855	0.75	cps
Sodium	23-2	40031724	40464554	40716668	40404315	0.86	cps
Strontium	86-1	414563	417246	413886	415231	0.43	cps
Strontium	88-1	3543835	3569124	3564507	3559155	0.38	cps
Sulfur	34-1	384093	380767	380752	381871	0.50	cps
Terbium	159-1	2690587	2688699	2698289	2692525	0.19	cps
Terbium	159-2	1370157	1453124	1385400	1402894	3.15	cps
Thallium	203-1	902167	901282	907065	903505	0.34	cps
Thallium	205-1	2177500	2202162	2190509	2190057	0.56	cps
Thorium	232-1	3789080	3821182	3808355	3806206	0.42	cps
Tin	118-1	842903	834559	840993	839485	0.52	cps
Titanium	47-1	1484039	1484891	1485781	1484904	0.06	cps
Uranium	238-1	3674624	3713373	3726999	3704999	0.73	cps
Vanadium	51-2	388841	391707	396636	392395	1.00	cps
Yttrium	89-1	2484619	2493650	2493547	2490605	0.21	cps
Yttrium	89-2	353863	378901	358765	363843	3.65	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P7
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 20:33:58	DataFile Name :	098CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	115176	115324	115516	115338	0.15	cps
Zirconium	90-1	2300416	2285758	2285304	2290493	0.38	cps
Zirconium	91-1	504247	501379	503934	503187	0.31	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : CCB12 Instrumnet Name : P7
 Client Sample ID : CCB12 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-17 20:45:04 DataFile Name : 101CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	0	11	86.60	cps
Antimony	121-1	100	83	50	78	32.74	cps
Arsenic	75-2	4	4	2	3	34.64	cps
Barium	135-1	0	25	0	8	173.21	cps
Barium	137-1	0	0	25	8	173.21	cps
Beryllium	9-1	47	40	47	44	8.66	cps
Bismuth	209-1	1455589	1493356	1467816	1472253	1.31	cps
Bismuth	209-2	841401	846625	850215	846080	0.52	cps
Boron	10-1	1050	1175	1100	1108	5.68	cps
Boron	11-1	5134	5351	4367	4951	10.44	cps
Cadmium	111-1	680	594	582	619	8.69	cps
Cadmium	106-1	958	825	833	872	8.56	cps
Cadmium	108-1	4	0	8	4	99.96	cps
Calcium	43-1	42	83	50	58	37.80	cps
Calcium	44-1	4393	4301	4142	4279	2.96	cps
Chromium	52-2	307	387	280	324	17.11	cps
Cobalt	59-2	7	17	0	8	107.84	cps
Copper	63-2	243	227	183	218	14.22	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	33	0	14	124.91	cps
Erbium	164-2	0	0	3	1	173.21	cps
Gadolinium	160-1	17	8	0	8	100.02	cps
Gadolinium	160-2	30	43	40	38	18.36	cps
Holmium	165-1	2602844	2604367	2594634	2600615	0.20	cps
Holmium	165-2	1351354	1354978	1347374	1351235	0.28	cps
Indium	115-1	1862919	1876568	1855091	1864859	0.58	cps
Indium	115-2	372766	378342	376752	375953	0.76	cps
Iron	56-2	1472	1583	1561	1539	3.82	cps
Iron	57-2	50	89	94	78	31.14	cps
Krypton	83-1	83	73	83	80	7.22	cps
Lead	206-1	56	61	67	61	9.09	cps
Lead	207-1	61	33	33	43	37.66	cps
Lead	208-1	311	206	233	250	21.89	cps
Lithium	6-1	1275532	1273814	1274475	1274607	0.07	cps
Magnesium	24-2	58	75	67	67	12.49	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P7
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 20:45:04	DataFile Name :	101CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	33	33	34	5.60	cps
Molybdenum	94-1	125	133	100	119	14.53	cps
Molybdenum	95-1	50	50	67	56	17.32	cps
Molybdenum	96-1	83	75	83	81	5.98	cps
Molybdenum	97-1	17	58	25	33	66.14	cps
Molybdenum	98-1	75	108	75	86	22.35	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	17	10	13	13	25.01	cps
Phosphorus	31-2	42	17	33	31	41.66	cps
Potassium	39-2	7486	7327	7294	7369	1.39	cps
Rhodium	103-1	1877773	1883050	1854042	1871622	0.83	cps
Rhodium	103-2	909266	910798	909687	909917	0.09	cps
Scandium	45-1	2034030	2034406	1991290	2019909	1.23	cps
Scandium	45-2	83772	85780	85357	84970	1.25	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	28	26	17	23	25.37	cps
Selenium	82-1	28	22	9	20	48.19	cps
Silicon	28-1	90833	90147	90305	90428	0.40	cps
Silver	109-1	50	67	58	58	14.29	cps
Silver	107-1	67	8	29	35	85.12	cps
Sodium	23-2	7194	7127	7144	7155	0.48	cps
Strontium	86-1	208	167	117	164	28.00	cps
Strontium	88-1	125	175	133	144	18.54	cps
Sulfur	34-1	189616	184900	182874	185797	1.86	cps
Terbium	159-1	2797321	2786356	2766903	2783527	0.55	cps
Terbium	159-2	1355883	1372345	1357420	1361883	0.67	cps
Thallium	203-1	42	42	25	36	26.65	cps
Thallium	205-1	150	150	75	125	34.64	cps
Thorium	232-1	117	150	161	143	16.22	cps
Tin	118-1	92	67	58	72	24.02	cps
Titanium	47-1	67	50	8	42	72.12	cps
Uranium	238-1	17	8	17	14	34.67	cps
Vanadium	51-2	13	13	0	9	86.60	cps
Yttrium	89-1	2609087	2607973	2579856	2598972	0.64	cps
Yttrium	89-2	353114	353497	354193	353602	0.15	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P7
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 20:45:04	DataFile Name :	101CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	63	40	47	50	24.03	cps
Zirconium	90-1	267	225	292	261	12.90	cps
Zirconium	91-1	25	42	75	47	53.91	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-03DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0961-9001DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 20:48:40	DataFile Name :	102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	108	133	128	13.57	cps
Antimony	121-1	375	333	417	375	11.11	cps
Arsenic	75-2	189	161	174	175	7.96	cps
Barium	135-1	17462	18071	17411	17648	2.08	cps
Barium	137-1	31729	31645	29106	30827	4.84	cps
Beryllium	9-1	47	63	43	51	20.96	cps
Bismuth	209-1	1462746	1469222	1476075	1469347	0.45	cps
Bismuth	209-2	827684	836331	834299	832771	0.54	cps
Boron	10-1	2142	2342	2509	2331	7.88	cps
Boron	11-1	9995	9995	9854	9948	0.82	cps
Cadmium	111-1	585	598	549	577	4.34	cps
Cadmium	106-1	833	842	767	814	5.05	cps
Cadmium	108-1	4	0	0	1	173.21	cps
Calcium	43-1	400389	393826	393181	395799	1.01	cps
Calcium	44-1	6317012	6312369	6317143	6315508	0.04	cps
Chromium	52-2	620	663	647	643	3.40	cps
Cobalt	59-2	397	413	440	417	5.25	cps
Copper	63-2	493	503	533	510	4.08	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	33	8	33	25	57.74	cps
Erbium	164-2	10	13	3	9	57.30	cps
Gadolinium	160-1	8	33	50	31	68.64	cps
Gadolinium	160-2	67	43	50	53	22.54	cps
Holmium	165-1	2569699	2616313	2609064	2598359	0.97	cps
Holmium	165-2	1334227	1351269	1340677	1342058	0.64	cps
Indium	115-1	1867676	1865702	1870984	1868121	0.14	cps
Indium	115-2	363273	367682	368844	366599	0.80	cps
Iron	56-2	1450238	1463038	1468845	1460707	0.65	cps
Iron	57-2	39504	39298	39966	39589	0.86	cps
Krypton	83-1	97	83	83	88	8.77	cps
Lead	206-1	183	144	150	159	13.21	cps
Lead	207-1	111	183	78	124	43.49	cps
Lead	208-1	633	578	506	572	11.20	cps
Lithium	6-1	1260491	1267850	1255887	1261409	0.48	cps
Magnesium	24-2	199966	196194	197425	197861	0.97	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3636-03DLX5 Instrumnet Name : P7
 Client Sample ID : SP19-JMW0961-9001DL Dilution Factor : 5
 Date & Time Acquired :: 2019-07-17 20:48:40 DataFile Name : 102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	192734	192147	192745	192542	0.18	cps
Molybdenum	94-1	358	450	442	417	12.17	cps
Molybdenum	95-1	125	133	125	128	3.76	cps
Molybdenum	96-1	242	183	208	211	13.86	cps
Molybdenum	97-1	58	83	92	78	22.30	cps
Molybdenum	98-1	225	183	150	186	20.19	cps
Neodymium	150-1	13	13	27	18	43.33	cps
Neodymium	150-2	3	13	10	9	57.30	cps
Nickel	60-2	180	210	220	203	10.24	cps
Phosphorus	31-2	42	33	58	44	28.65	cps
Potassium	39-2	40071	41417	42244	41244	2.66	cps
Rhodium	103-1	1867378	1857118	1852496	1858997	0.41	cps
Rhodium	103-2	882726	895341	900074	892714	1.00	cps
Scandium	45-1	1985131	1989720	1986936	1987262	0.12	cps
Scandium	45-2	81713	82652	84298	82888	1.58	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	20	19	17	19	9.99	cps
Selenium	82-1	-5	24	27	15	117.34	cps
Silicon	28-1	4476764	4522327	4503828	4500973	0.51	cps
Silver	109-1	108	100	133	114	15.23	cps
Silver	107-1	121	75	75	90	29.31	cps
Sodium	23-2	221850	222037	223979	222622	0.53	cps
Strontium	86-1	162569	158592	161743	160968	1.30	cps
Strontium	88-1	1361379	1353597	1339413	1351463	0.82	cps
Sulfur	34-1	184529	182640	182614	183261	0.60	cps
Terbium	159-1	2777786	2809830	2808219	2798612	0.65	cps
Terbium	159-2	1348616	1356931	1345433	1350326	0.44	cps
Thallium	203-1	83	67	50	67	25.00	cps
Thallium	205-1	142	250	150	181	33.39	cps
Thorium	232-1	72	72	144	96	43.31	cps
Tin	118-1	358	308	258	308	16.22	cps
Titanium	47-1	142	125	150	139	9.16	cps
Uranium	238-1	1000	833	908	914	9.13	cps
Vanadium	51-2	70	67	43	60	24.22	cps
Yttrium	89-1	2579847	2581005	2587001	2582617	0.15	cps
Yttrium	89-2	342088	343329	350020	345146	1.24	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-03DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0961-9001DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 20:48:40	DataFile Name :	102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1093	1287	1233	1205	8.29	cps
Zirconium	90-1	892	583	900	792	22.80	cps
Zirconium	91-1	200	125	150	158	24.12	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-04DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 20:52:17	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	217	292	233	247	15.93	cps
Antimony	121-1	358	292	292	314	12.26	cps
Arsenic	75-2	402	428	430	420	3.70	cps
Barium	135-1	21359	21109	21367	21278	0.69	cps
Barium	137-1	37995	36624	37318	37312	1.84	cps
Beryllium	9-1	43	73	47	54	30.20	cps
Bismuth	209-1	1471410	1485852	1503923	1487062	1.10	cps
Bismuth	209-2	832617	846521	846153	841764	0.94	cps
Boron	10-1	1725	1525	1692	1647	6.51	cps
Boron	11-1	7185	7719	7777	7561	4.31	cps
Cadmium	111-1	560	624	608	597	5.54	cps
Cadmium	106-1	775	850	817	814	4.62	cps
Cadmium	108-1	4	0	8	4	99.96	cps
Calcium	43-1	430915	424373	425467	426918	0.82	cps
Calcium	44-1	6821853	6853288	6927698	6867613	0.79	cps
Chromium	52-2	550	543	630	574	8.40	cps
Cobalt	59-2	1333	1280	1323	1312	2.16	cps
Copper	63-2	633	533	650	606	10.42	cps
Dysprosium	156-1	67	58	58	61	7.87	cps
Dysprosium	156-2	13	20	23	19	26.96	cps
Erbium	164-1	33	42	50	42	20.00	cps
Erbium	164-2	27	33	23	28	18.33	cps
Gadolinium	160-1	58	67	42	56	22.91	cps
Gadolinium	160-2	53	67	37	52	28.78	cps
Holmium	165-1	2641673	2648834	2670080	2653529	0.56	cps
Holmium	165-2	1342382	1360195	1357635	1353404	0.71	cps
Indium	115-1	1862260	1893742	1907092	1887698	1.22	cps
Indium	115-2	369727	366973	365538	367413	0.58	cps
Iron	56-2	1578144	1579013	1600163	1585773	0.79	cps
Iron	57-2	42768	43125	43404	43099	0.74	cps
Krypton	83-1	87	100	77	88	13.33	cps
Lead	206-1	172	122	183	159	20.44	cps
Lead	207-1	78	128	167	124	35.91	cps
Lead	208-1	567	450	622	546	16.09	cps
Lithium	6-1	1281939	1279772	1281865	1281192	0.10	cps
Magnesium	24-2	304109	300786	303633	302843	0.59	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-04DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 20:52:17	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	246922	245464	249842	247409	0.90	cps
Molybdenum	94-1	467	483	608	519	14.91	cps
Molybdenum	95-1	233	258	183	225	16.97	cps
Molybdenum	96-1	325	358	317	333	6.61	cps
Molybdenum	97-1	92	117	92	100	14.43	cps
Molybdenum	98-1	267	283	342	297	13.25	cps
Neodymium	150-1	60	60	67	62	6.19	cps
Neodymium	150-2	23	30	37	30	22.23	cps
Nickel	60-2	240	367	307	304	20.81	cps
Phosphorus	31-2	50	42	67	53	24.12	cps
Potassium	39-2	35870	35000	35284	35385	1.25	cps
Rhodium	103-1	1865190	1859681	1913196	1879356	1.57	cps
Rhodium	103-2	898816	902096	900517	900476	0.18	cps
Scandium	45-1	2035702	2025166	2042860	2034576	0.44	cps
Scandium	45-2	82656	81878	83436	82657	0.94	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	26	22	22	23	9.13	cps
Selenium	82-1	11	31	30	24	47.08	cps
Silicon	28-1	5343412	5339849	5373788	5352350	0.35	cps
Silver	109-1	58	125	58	81	47.78	cps
Silver	107-1	88	63	79	76	16.66	cps
Sodium	23-2	123555	124403	124353	124104	0.38	cps
Strontium	86-1	189368	183693	187171	186744	1.53	cps
Strontium	88-1	1586377	1579514	1560073	1575322	0.87	cps
Sulfur	34-1	212130	213101	208521	211251	1.14	cps
Terbium	159-1	2849767	2841977	2878521	2856755	0.67	cps
Terbium	159-2	1360103	1363875	1365991	1363323	0.22	cps
Thallium	203-1	25	17	33	25	33.32	cps
Thallium	205-1	108	50	117	92	39.63	cps
Thorium	232-1	89	100	111	100	11.11	cps
Tin	118-1	325	292	375	331	12.69	cps
Titanium	47-1	233	208	208	217	6.66	cps
Uranium	238-1	1892	2209	2067	2056	7.72	cps
Vanadium	51-2	83	67	67	72	13.33	cps
Yttrium	89-1	2627691	2624813	2620802	2624435	0.13	cps
Yttrium	89-2	346556	347597	346986	347046	0.15	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-04DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 20:52:17	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	400	370	467	412	12.00	cps
Zirconium	90-1	1400	1192	1275	1289	8.14	cps
Zirconium	91-1	250	283	258	264	6.57	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3636-04DUPDLX5 Instrumnet Name : P7
 Client Sample ID : SP19-JMW0991DUPDL Dilution Factor : 5
 Date & Time Acquired :: 2019-07-17 20:55:53 DataFile Name : 104SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	208	217	167	197	13.58	cps
Antimony	121-1	225	225	308	253	19.03	cps
Arsenic	75-2	402	426	454	427	6.08	cps
Barium	135-1	21584	21067	21292	21314	1.22	cps
Barium	137-1	37184	36942	36775	36967	0.56	cps
Beryllium	9-1	53	67	70	63	13.93	cps
Bismuth	209-1	1477537	1488158	1468165	1477953	0.68	cps
Bismuth	209-2	830483	836399	854948	840610	1.52	cps
Boron	10-1	1617	1483	1842	1647	11.00	cps
Boron	11-1	7069	6885	7069	7007	1.51	cps
Cadmium	111-1	583	579	557	573	2.45	cps
Cadmium	106-1	817	792	783	797	2.18	cps
Cadmium	108-1	8	0	0	3	173.21	cps
Calcium	43-1	420291	412829	415556	416225	0.91	cps
Calcium	44-1	6715512	6646018	6718324	6693285	0.61	cps
Chromium	52-2	610	617	537	588	7.55	cps
Cobalt	59-2	1357	1297	1350	1335	2.46	cps
Copper	63-2	517	493	580	530	8.46	cps
Dysprosium	156-1	33	33	25	31	15.74	cps
Dysprosium	156-2	27	27	27	27	0.00	cps
Erbium	164-1	50	33	100	61	56.78	cps
Erbium	164-2	50	37	20	36	42.27	cps
Gadolinium	160-1	58	92	58	69	27.71	cps
Gadolinium	160-2	90	53	70	71	25.82	cps
Holmium	165-1	2634072	2612046	2651930	2632683	0.76	cps
Holmium	165-2	1336626	1350287	1363693	1350202	1.00	cps
Indium	115-1	1870247	1885282	1854345	1869958	0.83	cps
Indium	115-2	362538	365290	370739	366189	1.14	cps
Iron	56-2	1559118	1568143	1595244	1574169	1.19	cps
Iron	57-2	42328	41826	42434	42196	0.77	cps
Krypton	83-1	57	83	77	72	19.22	cps
Lead	206-1	128	150	128	135	9.49	cps
Lead	207-1	178	83	122	128	37.14	cps
Lead	208-1	539	517	589	548	6.75	cps
Lithium	6-1	1280352	1274345	1249133	1267943	1.31	cps
Magnesium	24-2	298270	300034	305010	301105	1.16	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3636-04DUPDLX5 Instrumnet Name : P7
 Client Sample ID : SP19-JMW0991DUPDL Dilution Factor : 5
 Date & Time Acquired :: 2019-07-17 20:55:53 DataFile Name : 104SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	241916	244056	248080	244684	1.28	cps
Molybdenum	94-1	550	450	400	467	16.37	cps
Molybdenum	95-1	225	225	158	203	18.98	cps
Molybdenum	96-1	317	267	375	319	16.97	cps
Molybdenum	97-1	92	58	100	83	26.46	cps
Molybdenum	98-1	258	192	175	208	21.16	cps
Neodymium	150-1	67	33	67	56	34.65	cps
Neodymium	150-2	17	17	17	17	0.00	cps
Nickel	60-2	273	277	313	288	7.71	cps
Phosphorus	31-2	8	25	42	25	66.68	cps
Potassium	39-2	35126	36220	35994	35780	1.61	cps
Rhodium	103-1	1857292	1865579	1867529	1863467	0.29	cps
Rhodium	103-2	893887	898451	912520	901620	1.08	cps
Scandium	45-1	1992752	2001220	1964556	1986176	0.97	cps
Scandium	45-2	82113	82793	84147	83018	1.25	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	17	17	24	19	22.33	cps
Selenium	82-1	40	18	23	27	41.96	cps
Silicon	28-1	5258695	5288445	5206875	5251338	0.79	cps
Silver	109-1	133	58	117	103	38.31	cps
Silver	107-1	42	113	25	60	77.80	cps
Sodium	23-2	123942	122899	125749	124197	1.16	cps
Strontium	86-1	187308	182801	182370	184160	1.49	cps
Strontium	88-1	1555452	1548026	1528571	1544016	0.90	cps
Sulfur	34-1	201856	203368	202668	202631	0.37	cps
Terbium	159-1	2837552	2836485	2798946	2824327	0.78	cps
Terbium	159-2	1339541	1351418	1383927	1358295	1.69	cps
Thallium	203-1	50	33	17	33	50.00	cps
Thallium	205-1	50	58	75	61	20.83	cps
Thorium	232-1	67	72	117	85	32.17	cps
Tin	118-1	325	250	233	269	18.12	cps
Titanium	47-1	158	125	200	161	23.32	cps
Uranium	238-1	2217	1950	1859	2009	9.27	cps
Vanadium	51-2	77	57	63	66	15.54	cps
Yttrium	89-1	2614339	2587348	2584584	2595424	0.63	cps
Yttrium	89-2	344325	343778	354027	347376	1.66	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-04DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 20:55:53	DataFile Name :	104SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	403	420	383	402	4.56	cps
Zirconium	90-1	1300	1225	1250	1258	3.03	cps
Zirconium	91-1	292	242	350	294	18.41	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-04LDLX25	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991LDL	Dilution Factor :	25
Date & Time Acquired ::	2019-07-17 20:59:30	DataFile Name :	105SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	58	67	53	32.88	cps
Antimony	121-1	33	92	58	61	47.89	cps
Arsenic	75-2	85	113	69	89	25.26	cps
Barium	135-1	4142	4109	4201	4151	1.12	cps
Barium	137-1	7052	7402	7152	7202	2.50	cps
Beryllium	9-1	53	57	67	59	11.79	cps
Bismuth	209-1	1463987	1466092	1450410	1460163	0.58	cps
Bismuth	209-2	827654	839984	846110	837916	1.12	cps
Boron	10-1	742	800	750	764	4.13	cps
Boron	11-1	3651	3484	3609	3581	2.42	cps
Cadmium	111-1	516	490	456	487	6.18	cps
Cadmium	106-1	725	700	633	686	6.91	cps
Cadmium	108-1	0	0	0	0	0.00	cps
Calcium	43-1	83418	83141	83184	83248	0.18	cps
Calcium	44-1	1329228	1321973	1307812	1319671	0.83	cps
Chromium	52-2	370	400	467	412	12.00	cps
Cobalt	59-2	287	310	237	278	13.49	cps
Copper	63-2	270	280	310	287	7.26	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	7	0	17	8	107.84	cps
Erbium	164-1	25	25	17	22	21.64	cps
Erbium	164-2	7	10	3	7	50.03	cps
Gadolinium	160-1	17	25	25	22	21.64	cps
Gadolinium	160-2	27	23	30	27	12.51	cps
Holmium	165-1	2574921	2606349	2607996	2596422	0.72	cps
Holmium	165-2	1324078	1345639	1360004	1343240	1.35	cps
Indium	115-1	1857555	1858688	1859101	1858448	0.04	cps
Indium	115-2	366409	368884	375091	370128	1.21	cps
Iron	56-2	322476	324924	324141	323847	0.39	cps
Iron	57-2	8269	8608	8558	8479	2.16	cps
Krypton	83-1	97	97	103	99	3.89	cps
Lead	206-1	72	56	22	50	50.92	cps
Lead	207-1	33	39	83	52	52.86	cps
Lead	208-1	244	228	239	237	3.58	cps
Lithium	6-1	1283263	1272523	1265276	1273687	0.71	cps
Magnesium	24-2	60422	60582	61493	60832	0.95	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-04LDLX25	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991LDL	Dilution Factor :	25
Date & Time Acquired ::	2019-07-17 20:59:30	DataFile Name :	105SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	49159	49142	50206	49502	1.23	cps
Molybdenum	94-1	192	92	175	153	35.07	cps
Molybdenum	95-1	92	75	67	78	16.37	cps
Molybdenum	96-1	108	67	125	100	30.05	cps
Molybdenum	97-1	67	33	33	44	43.31	cps
Molybdenum	98-1	33	100	75	69	48.50	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	77	83	63	74	13.68	cps
Phosphorus	31-2	75	33	25	44	60.28	cps
Potassium	39-2	13515	12547	12931	12998	3.75	cps
Rhodium	103-1	1875884	1853220	1857300	1862135	0.65	cps
Rhodium	103-2	897117	906559	910010	904562	0.74	cps
Scandium	45-1	1986245	1988564	2006520	1993776	0.56	cps
Scandium	45-2	83353	83581	83986	83640	0.38	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	13	17	7	12	37.75	cps
Selenium	82-1	0	26	-2	8	201.32	cps
Silicon	28-1	1076367	1075354	1070132	1073951	0.31	cps
Silver	109-1	67	67	67	67	0.00	cps
Silver	107-1	17	50	8	25	88.21	cps
Sodium	23-2	30164	31367	30548	30693	2.00	cps
Strontium	86-1	38243	37049	35888	37060	3.18	cps
Strontium	88-1	314073	307098	309900	310357	1.13	cps
Sulfur	34-1	193635	190687	191674	191999	0.78	cps
Terbium	159-1	2792902	2743683	2760444	2765676	0.90	cps
Terbium	159-2	1347294	1362842	1369834	1359990	0.85	cps
Thallium	203-1	17	17	42	25	57.73	cps
Thallium	205-1	17	25	33	25	33.32	cps
Thorium	232-1	78	56	17	50	61.86	cps
Tin	118-1	158	42	75	92	65.56	cps
Titanium	47-1	125	167	33	108	62.97	cps
Uranium	238-1	425	317	433	392	16.62	cps
Vanadium	51-2	13	17	27	19	36.75	cps
Yttrium	89-1	2550497	2565824	2584264	2566862	0.66	cps
Yttrium	89-2	348534	347873	350952	349120	0.46	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-04LDLX25	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991LDL	Dilution Factor :	25
Date & Time Acquired ::	2019-07-17 20:59:30	DataFile Name :	105SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	130	150	150	143	8.06	cps
Zirconium	90-1	367	408	392	389	5.39	cps
Zirconium	91-1	67	108	133	103	32.77	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-05DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 21:03:06	DataFile Name :	106SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	70970	69872	69696	70179	0.98	cps
Antimony	121-1	232135	231326	230827	231429	0.29	cps
Arsenic	75-2	9540	9183	9464	9396	2.01	cps
Barium	135-1	328212	321039	329289	326180	1.37	cps
Barium	137-1	564004	557439	568955	563466	1.03	cps
Beryllium	9-1	110730	108007	109736	109491	1.26	cps
Bismuth	209-1	1457076	1448451	1464919	1456815	0.57	cps
Bismuth	209-2	818233	825270	835828	826444	1.07	cps
Boron	10-1	19063	20006	20365	19811	3.39	cps
Boron	11-1	87956	87335	90102	88464	1.64	cps
Cadmium	111-1	63084	60798	62535	62139	1.92	cps
Cadmium	106-1	8361	7827	8253	8147	3.46	cps
Cadmium	108-1	4843	4993	5089	4975	2.49	cps
Calcium	43-1	536275	525134	527444	529618	1.11	cps
Calcium	44-1	8538322	8466140	8441423	8481962	0.59	cps
Chromium	52-2	97355	95785	97315	96818	0.92	cps
Cobalt	59-2	135340	133965	136242	135182	0.85	cps
Copper	63-2	166984	165621	171049	167885	1.68	cps
Dysprosium	156-1	50	33	50	44	21.66	cps
Dysprosium	156-2	20	27	40	29	35.25	cps
Erbium	164-1	50	42	67	53	24.12	cps
Erbium	164-2	20	27	20	22	17.33	cps
Gadolinium	160-1	42	50	25	39	32.73	cps
Gadolinium	160-2	50	50	77	59	26.15	cps
Holmium	165-1	2635742	2620801	2642832	2633125	0.43	cps
Holmium	165-2	1352764	1349641	1365799	1356068	0.63	cps
Indium	115-1	1852227	1842317	1861924	1852156	0.53	cps
Indium	115-2	365431	361792	360755	362659	0.68	cps
Iron	56-2	4872291	4768306	4840858	4827152	1.10	cps
Iron	57-2	129706	128675	128344	128909	0.55	cps
Krypton	83-1	137	77	83	99	33.26	cps
Lead	206-1	179477	177500	179815	178931	0.70	cps
Lead	207-1	157605	158974	158018	158199	0.44	cps
Lead	208-1	712518	710017	712544	711693	0.20	cps
Lithium	6-1	1285611	1264216	1276970	1275599	0.84	cps
Magnesium	24-2	1651631	1647623	1654789	1651347	0.22	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-05DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 21:03:06	DataFile Name :	106SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	349743	350928	352127	350933	0.34	cps
Molybdenum	94-1	581658	567455	575106	574740	1.24	cps
Molybdenum	95-1	711754	699167	708155	706359	0.92	cps
Molybdenum	96-1	773772	781563	785497	780277	0.76	cps
Molybdenum	97-1	443281	436937	444408	441542	0.91	cps
Molybdenum	98-1	1122080	1109144	1128426	1119883	0.88	cps
Neodymium	150-1	87	127	60	91	36.83	cps
Neodymium	150-2	13	20	20	18	21.66	cps
Nickel	60-2	34300	34023	34668	34330	0.94	cps
Phosphorus	31-2	50	42	58	50	16.67	cps
Potassium	39-2	408688	405032	403504	405741	0.66	cps
Rhodium	103-1	1825152	1825102	1860284	1836846	1.11	cps
Rhodium	103-2	897885	886053	894177	892705	0.68	cps
Scandium	45-1	2001470	1998141	1999997	1999869	0.08	cps
Scandium	45-2	84047	82364	82495	82968	1.13	cps
Selenium	77-2	173	237	267	226	21.12	cps
Selenium	78-2	852	889	872	871	2.13	cps
Selenium	82-1	6060	6062	6127	6083	0.63	cps
Silicon	28-1	5519410	5464155	5445568	5476378	0.70	cps
Silver	109-1	265809	265854	264992	265552	0.18	cps
Silver	107-1	144016	138232	143013	141754	2.18	cps
Sodium	23-2	1795283	1770986	1793842	1786704	0.76	cps
Strontium	86-1	272117	269188	272311	271206	0.65	cps
Strontium	88-1	2337818	2327860	2362304	2342661	0.76	cps
Sulfur	34-1	206977	205524	206283	206261	0.35	cps
Terbium	159-1	2806497	2795299	2842733	2814843	0.88	cps
Terbium	159-2	1366726	1363342	1363708	1364592	0.14	cps
Thallium	203-1	211761	207178	210590	209843	1.13	cps
Thallium	205-1	504651	499817	499938	501469	0.55	cps
Thorium	232-1	133	94	111	113	17.27	cps
Tin	118-1	193264	189548	193566	192126	1.16	cps
Titanium	47-1	263733	267154	259189	263359	1.52	cps
Uranium	238-1	800809	797026	805712	801182	0.54	cps
Vanadium	51-2	81470	81162	82767	81800	1.04	cps
Yttrium	89-1	2584922	2567029	2600338	2584097	0.65	cps
Yttrium	89-2	348003	342865	343718	344862	0.80	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-05DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 21:03:06	DataFile Name :	106SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	24915	24902	24801	24873	0.25	cps
Zirconium	90-1	482737	475211	478738	478895	0.79	cps
Zirconium	91-1	108711	109231	108434	108792	0.37	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3636-06DLX5 Instrumnet Name : P7
 Client Sample ID : SP19-JMW0991MSDDL Dilution Factor : 5
 Date & Time Acquired :: 2019-07-17 21:06:43 DataFile Name : 107SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67830	69261	69964	69018	1.58	cps
Antimony	121-1	224377	220093	223299	222589	1.00	cps
Arsenic	75-2	9049	9079	8992	9040	0.49	cps
Barium	135-1	328243	319066	323295	323534	1.42	cps
Barium	137-1	563494	555452	560145	559697	0.72	cps
Beryllium	9-1	105130	105067	105382	105193	0.16	cps
Bismuth	209-1	1444746	1446902	1468028	1453225	0.89	cps
Bismuth	209-2	833368	841673	849018	841353	0.93	cps
Boron	10-1	19972	19813	19972	19919	0.46	cps
Boron	11-1	87829	87921	90194	88648	1.51	cps
Cadmium	111-1	60899	60413	60958	60757	0.49	cps
Cadmium	106-1	7886	7119	7819	7608	5.59	cps
Cadmium	108-1	4972	4684	4934	4863	3.21	cps
Calcium	43-1	537738	533474	526418	532543	1.07	cps
Calcium	44-1	8460412	8479893	8509945	8483417	0.29	cps
Chromium	52-2	92870	94487	94443	93933	0.98	cps
Cobalt	59-2	130793	132589	132757	132046	0.82	cps
Copper	63-2	166057	166319	166869	166415	0.25	cps
Dysprosium	156-1	50	67	42	53	24.12	cps
Dysprosium	156-2	23	33	27	28	18.33	cps
Erbium	164-1	50	42	50	47	10.18	cps
Erbium	164-2	23	33	30	29	17.63	cps
Gadolinium	160-1	58	33	33	42	34.65	cps
Gadolinium	160-2	57	77	67	67	15.00	cps
Holmium	165-1	2594105	2630425	2640011	2621514	0.92	cps
Holmium	165-2	1367474	1383840	1374301	1375205	0.60	cps
Indium	115-1	1833993	1831258	1868377	1844542	1.12	cps
Indium	115-2	365769	368721	371582	368691	0.79	cps
Iron	56-2	4817123	4825995	4814252	4819123	0.13	cps
Iron	57-2	127218	129864	130469	129183	1.34	cps
Krypton	83-1	140	83	117	113	25.13	cps
Lead	206-1	175199	173765	173574	174179	0.51	cps
Lead	207-1	153324	152788	151379	152497	0.66	cps
Lead	208-1	691733	687407	686431	688524	0.41	cps
Lithium	6-1	1265952	1256486	1277246	1266561	0.82	cps
Magnesium	24-2	1125860	1130757	1138627	1131748	0.57	cps

LB Number : LB104039 Operator : Jaswal
 Lab Sample ID : K3636-06DLX5 Instrumnet Name : P7
 Client Sample ID : SP19-JMW0991MSDDL Dilution Factor : 5
 Date & Time Acquired :: 2019-07-17 21:06:43 DataFile Name : 107SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	350804	356921	355066	354264	0.89	cps
Molybdenum	94-1	563831	566580	563197	564536	0.32	cps
Molybdenum	95-1	700347	696848	701216	699470	0.33	cps
Molybdenum	96-1	774760	775870	771378	774002	0.30	cps
Molybdenum	97-1	437435	435422	433181	435346	0.49	cps
Molybdenum	98-1	1113358	1118731	1097557	1109882	0.99	cps
Neodymium	150-1	53	53	120	76	50.93	cps
Neodymium	150-2	33	20	23	26	27.15	cps
Nickel	60-2	33244	33519	33141	33301	0.59	cps
Phosphorus	31-2	42	33	42	39	12.38	cps
Potassium	39-2	403503	404911	404128	404181	0.17	cps
Rhodium	103-1	1819199	1831554	1857204	1835986	1.06	cps
Rhodium	103-2	895603	905572	897798	899658	0.58	cps
Scandium	45-1	1983522	1976670	2004887	1988360	0.74	cps
Scandium	45-2	82391	84405	84027	83608	1.28	cps
Selenium	77-2	247	317	243	269	15.40	cps
Selenium	78-2	830	859	798	829	3.69	cps
Selenium	82-1	5855	5827	5872	5851	0.39	cps
Silicon	28-1	5534058	5496930	5552348	5527779	0.51	cps
Silver	109-1	257498	255115	255877	256163	0.48	cps
Silver	107-1	139308	139824	140791	139974	0.54	cps
Sodium	23-2	1768646	1772264	1773915	1771608	0.15	cps
Strontium	86-1	274076	273229	273908	273738	0.16	cps
Strontium	88-1	2305184	2325127	2337954	2322755	0.71	cps
Sulfur	34-1	206603	204068	206038	205569	0.65	cps
Terbium	159-1	2782780	2800812	2864304	2815965	1.52	cps
Terbium	159-2	1370504	1406576	1388838	1388639	1.30	cps
Thallium	203-1	200954	200622	200469	200682	0.12	cps
Thallium	205-1	484849	487375	486181	486135	0.26	cps
Thorium	232-1	100	117	94	104	11.15	cps
Tin	118-1	191066	189924	193551	191514	0.97	cps
Titanium	47-1	264321	259959	257316	260532	1.36	cps
Uranium	238-1	780459	771357	782282	778032	0.75	cps
Vanadium	51-2	78062	78809	79848	78906	1.14	cps
Yttrium	89-1	2571164	2568188	2605889	2581747	0.81	cps
Yttrium	89-2	346225	352910	346802	348646	1.06	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-06DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 21:06:43	DataFile Name :	107SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	24811	24821	24711	24781	0.25	cps
Zirconium	90-1	461984	461284	458521	460596	0.40	cps
Zirconium	91-1	106484	104447	105966	105632	1.00	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-04ADLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 21:10:20	DataFile Name :	108SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	69671	68633	68900	69068	0.78	cps
Antimony	121-1	227202	226663	230242	228036	0.85	cps
Arsenic	75-2	9238	9474	9414	9375	1.31	cps
Barium	135-1	330657	326034	323892	326861	1.06	cps
Barium	137-1	564038	564921	565140	564699	0.10	cps
Beryllium	9-1	107158	107134	106104	106799	0.56	cps
Bismuth	209-1	1430024	1444495	1458142	1444220	0.97	cps
Bismuth	209-2	825317	835676	826070	829021	0.70	cps
Boron	10-1	20481	20314	21174	20656	2.21	cps
Boron	11-1	90226	91778	92575	91526	1.30	cps
Cadmium	111-1	63415	61636	61802	62285	1.58	cps
Cadmium	106-1	8069	7477	8144	7897	4.63	cps
Cadmium	108-1	4938	4813	4813	4855	1.49	cps
Calcium	43-1	538618	527545	527177	531114	1.22	cps
Calcium	44-1	8395257	8481283	8511479	8462673	0.71	cps
Chromium	52-2	94712	95097	95309	95039	0.32	cps
Cobalt	59-2	132431	133389	132807	132876	0.36	cps
Copper	63-2	166423	167704	167655	167261	0.43	cps
Dysprosium	156-1	33	33	58	42	34.65	cps
Dysprosium	156-2	40	27	30	32	21.53	cps
Erbium	164-1	17	58	50	42	52.91	cps
Erbium	164-2	37	30	20	29	29.04	cps
Gadolinium	160-1	25	50	50	42	34.64	cps
Gadolinium	160-2	30	57	67	51	37.09	cps
Holmium	165-1	2587923	2646502	2654720	2629715	1.39	cps
Holmium	165-2	1345204	1355738	1356851	1352598	0.48	cps
Indium	115-1	1842404	1842056	1841945	1842135	0.01	cps
Indium	115-2	360472	364697	362996	362722	0.59	cps
Iron	56-2	4809849	4783220	4800533	4797868	0.28	cps
Iron	57-2	128445	129763	127953	128721	0.73	cps
Krypton	83-1	110	90	133	111	19.52	cps
Lead	206-1	178115	176053	180891	178353	1.36	cps
Lead	207-1	156049	153242	156352	155214	1.10	cps
Lead	208-1	702167	693015	705543	700242	0.93	cps
Lithium	6-1	1269060	1270353	1279968	1273127	0.47	cps
Magnesium	24-2	1391569	1399079	1395334	1395327	0.27	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-04ADLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 21:10:20	DataFile Name :	108SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	349961	351961	351871	351264	0.32	cps
Molybdenum	94-1	570462	574558	565093	570038	0.83	cps
Molybdenum	95-1	704323	702699	705730	704250	0.22	cps
Molybdenum	96-1	782053	777004	783637	780898	0.44	cps
Molybdenum	97-1	438118	433926	440832	437625	0.80	cps
Molybdenum	98-1	1102904	1119932	1122357	1115064	0.95	cps
Neodymium	150-1	73	60	60	64	11.95	cps
Neodymium	150-2	17	17	13	16	12.40	cps
Nickel	60-2	33732	33602	33515	33616	0.33	cps
Phosphorus	31-2	25	58	58	47	40.76	cps
Potassium	39-2	401997	400442	406528	402989	0.78	cps
Rhodium	103-1	1827950	1831511	1852431	1837297	0.72	cps
Rhodium	103-2	880762	894477	889344	888194	0.78	cps
Scandium	45-1	1970042	2010897	2010270	1997069	1.17	cps
Scandium	45-2	82019	83215	83168	82801	0.82	cps
Selenium	77-2	223	260	250	244	7.75	cps
Selenium	78-2	861	891	924	892	3.53	cps
Selenium	82-1	5938	5935	5875	5916	0.60	cps
Silicon	28-1	5489203	5473364	5506813	5489793	0.30	cps
Silver	109-1	260155	259449	261488	260364	0.40	cps
Silver	107-1	142858	140470	145427	142918	1.73	cps
Sodium	23-2	1777478	1787827	1780856	1782054	0.30	cps
Strontium	86-1	274253	274858	276026	275046	0.33	cps
Strontium	88-1	2323267	2331151	2355200	2336539	0.71	cps
Sulfur	34-1	196285	191862	194332	194160	1.14	cps
Terbium	159-1	2794354	2808717	2841118	2814730	0.85	cps
Terbium	159-2	1347776	1358245	1363299	1356440	0.58	cps
Thallium	203-1	207859	205532	206559	206650	0.56	cps
Thallium	205-1	488124	487098	492631	489284	0.60	cps
Thorium	232-1	100	111	94	102	8.33	cps
Tin	118-1	189328	193609	192199	191712	1.14	cps
Titanium	47-1	259351	261552	263283	261395	0.75	cps
Uranium	238-1	783166	789193	798855	790405	1.00	cps
Vanadium	51-2	79787	80686	81122	80531	0.84	cps
Yttrium	89-1	2572674	2575840	2612249	2586921	0.85	cps
Yttrium	89-2	342271	344743	346067	344360	0.56	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-04ADLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0991ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 21:10:20	DataFile Name :	108SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	24741	24988	25289	25006	1.10	cps
Zirconium	90-1	470644	474662	471322	472209	0.46	cps
Zirconium	91-1	108612	108065	106008	107561	1.28	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-07DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-LF3MW3DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 21:13:57	DataFile Name :	109SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	75	142	100	36.32	cps
Antimony	121-1	392	317	367	358	10.66	cps
Arsenic	75-2	7	4	15	9	65.47	cps
Barium	135-1	10137	10221	10229	10196	0.50	cps
Barium	137-1	18046	17286	16652	17328	4.03	cps
Beryllium	9-1	77	53	73	68	18.62	cps
Bismuth	209-1	1466679	1491364	1481799	1479947	0.84	cps
Bismuth	209-2	744817	750194	750272	748428	0.42	cps
Boron	10-1	2434	2650	2709	2598	5.58	cps
Boron	11-1	12005	11772	12481	12086	2.99	cps
Cadmium	111-1	637	623	485	582	14.38	cps
Cadmium	106-1	850	858	658	789	14.34	cps
Cadmium	108-1	0	4	13	6	114.53	cps
Calcium	43-1	146418	146510	145080	146003	0.55	cps
Calcium	44-1	2310589	2328938	2334164	2324564	0.53	cps
Chromium	52-2	497	473	393	454	11.92	cps
Cobalt	59-2	27	30	33	30	11.10	cps
Copper	63-2	417	387	393	399	3.95	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	8	8	0	6	86.60	cps
Erbium	164-2	3	10	0	4	114.60	cps
Gadolinium	160-1	8	50	17	25	88.19	cps
Gadolinium	160-2	43	43	30	39	19.79	cps
Holmium	165-1	2601120	2649386	2641655	2630720	0.99	cps
Holmium	165-2	1193345	1207018	1199944	1200102	0.57	cps
Indium	115-1	1855261	1875516	1877306	1869361	0.65	cps
Indium	115-2	321809	326583	326106	324833	0.81	cps
Iron	56-2	35956	36908	36663	36509	1.35	cps
Iron	57-2	1511	1639	1522	1558	4.55	cps
Krypton	83-1	120	87	83	97	20.98	cps
Lead	206-1	72	94	83	83	13.34	cps
Lead	207-1	100	72	56	76	29.57	cps
Lead	208-1	450	400	406	419	6.55	cps
Lithium	6-1	1268026	1278489	1261709	1269408	0.67	cps
Magnesium	24-2	291074	294459	291015	292182	0.67	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-07DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-LF3MW3DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 21:13:57	DataFile Name :	109SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2264	2140	2174	2192	2.91	cps
Molybdenum	94-1	208	317	267	264	20.55	cps
Molybdenum	95-1	358	367	333	353	4.92	cps
Molybdenum	96-1	367	375	283	342	14.84	cps
Molybdenum	97-1	192	192	167	183	7.87	cps
Molybdenum	98-1	425	467	400	431	7.82	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	17	17	20	18	10.81	cps
Phosphorus	31-2	58	25	17	33	66.14	cps
Potassium	39-2	12231	12948	12497	12559	2.89	cps
Rhodium	103-1	1860495	1882519	1888787	1877267	0.79	cps
Rhodium	103-2	792521	808478	798589	799863	1.01	cps
Scandium	45-1	1963329	1989459	1996624	1983137	0.88	cps
Scandium	45-2	71870	74322	72570	72921	1.73	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	19	24	20	21	13.47	cps
Selenium	82-1	-13	5	27	6	315.52	cps
Silicon	28-1	3294230	3300546	3308121	3300966	0.21	cps
Silver	109-1	92	100	67	86	20.15	cps
Silver	107-1	113	117	67	99	28.13	cps
Sodium	23-2	358604	361379	360730	360238	0.40	cps
Strontium	86-1	194288	192438	188415	191714	1.57	cps
Strontium	88-1	1616673	1601296	1578902	1598957	1.19	cps
Sulfur	34-1	236752	234321	238977	236684	0.98	cps
Terbium	159-1	2785636	2838286	2803886	2809270	0.95	cps
Terbium	159-2	1201854	1208131	1209337	1206440	0.33	cps
Thallium	203-1	108	92	117	106	12.06	cps
Thallium	205-1	325	350	325	333	4.33	cps
Thorium	232-1	17	28	39	28	39.99	cps
Tin	118-1	242	292	358	297	19.69	cps
Titanium	47-1	250	158	142	183	31.82	cps
Uranium	238-1	983	1017	925	975	4.76	cps
Vanadium	51-2	73	93	83	83	12.00	cps
Yttrium	89-1	2573684	2623346	2605239	2600756	0.97	cps
Yttrium	89-2	305257	307762	306971	306663	0.42	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-07DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-LF3MW3DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 21:13:57	DataFile Name :	109SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	407	387	270	354	20.82	cps
Zirconium	90-1	367	392	392	383	3.77	cps
Zirconium	91-1	108	58	92	86	29.56	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-08DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-LF3MW4DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 21:17:34	DataFile Name :	110SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	17	67	44	57.28	cps
Antimony	121-1	308	258	283	283	8.82	cps
Arsenic	75-2	331	315	326	324	2.62	cps
Barium	135-1	23988	23395	23671	23685	1.25	cps
Barium	137-1	41505	41003	40326	40945	1.44	cps
Beryllium	9-1	50	67	73	63	18.98	cps
Bismuth	209-1	1475483	1470352	1493447	1479761	0.82	cps
Bismuth	209-2	831577	847132	837722	838811	0.93	cps
Boron	10-1	1634	1583	1558	1592	2.40	cps
Boron	11-1	7936	7360	6952	7416	6.67	cps
Cadmium	111-1	620	559	530	570	8.06	cps
Cadmium	106-1	850	783	742	792	6.90	cps
Cadmium	108-1	0	8	8	6	86.60	cps
Calcium	43-1	390735	392845	386322	389967	0.85	cps
Calcium	44-1	6234801	6230447	6247555	6237601	0.14	cps
Chromium	52-2	530	553	587	557	5.12	cps
Cobalt	59-2	637	607	577	607	4.94	cps
Copper	63-2	423	440	363	409	9.86	cps
Dysprosium	156-1	25	25	8	19	49.50	cps
Dysprosium	156-2	17	3	17	12	63.01	cps
Erbium	164-1	25	33	8	22	57.29	cps
Erbium	164-2	27	10	10	16	61.87	cps
Gadolinium	160-1	25	0	42	22	94.38	cps
Gadolinium	160-2	30	53	80	54	45.95	cps
Holmium	165-1	2652179	2642925	2673533	2656212	0.59	cps
Holmium	165-2	1330309	1352057	1359761	1347376	1.13	cps
Indium	115-1	1866160	1858258	1880080	1868166	0.59	cps
Indium	115-2	362745	367707	367476	365976	0.77	cps
Iron	56-2	2058706	2063098	2058346	2060050	0.13	cps
Iron	57-2	55132	55254	55092	55159	0.15	cps
Krypton	83-1	90	67	80	79	14.84	cps
Lead	206-1	78	133	133	115	27.94	cps
Lead	207-1	144	83	61	96	44.81	cps
Lead	208-1	383	411	450	415	8.07	cps
Lithium	6-1	1268973	1259181	1263976	1264043	0.39	cps
Magnesium	24-2	318516	320721	320565	319934	0.38	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-08DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-LF3MW4DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 21:17:34	DataFile Name :	110SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	340736	342589	342479	341935	0.30	cps
Molybdenum	94-1	683	692	525	633	14.83	cps
Molybdenum	95-1	192	267	217	225	16.97	cps
Molybdenum	96-1	483	292	400	392	24.54	cps
Molybdenum	97-1	158	175	150	161	7.90	cps
Molybdenum	98-1	425	492	308	408	22.73	cps
Neodymium	150-1	33	27	27	29	13.31	cps
Neodymium	150-2	10	13	13	12	15.73	cps
Nickel	60-2	103	70	130	101	29.73	cps
Phosphorus	31-2	75	8	25	36	96.08	cps
Potassium	39-2	32178	32729	32119	32342	1.04	cps
Rhodium	103-1	1852423	1844839	1857397	1851553	0.34	cps
Rhodium	103-2	889741	898392	894753	894295	0.49	cps
Scandium	45-1	1984635	1978969	1972069	1978558	0.32	cps
Scandium	45-2	81144	82743	81657	81848	1.00	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	26	19	26	23	18.24	cps
Selenium	82-1	19	60	6	29	99.44	cps
Silicon	28-1	5629618	5628031	5665495	5641048	0.38	cps
Silver	109-1	75	67	58	67	12.49	cps
Silver	107-1	13	58	63	44	62.42	cps
Sodium	23-2	124236	125203	125723	125054	0.60	cps
Strontium	86-1	182767	180715	181154	181545	0.60	cps
Strontium	88-1	1527994	1518461	1517872	1521442	0.37	cps
Sulfur	34-1	202685	195356	195260	197767	2.15	cps
Terbium	159-1	2824583	2824683	2845582	2831616	0.43	cps
Terbium	159-2	1342761	1353719	1353463	1349981	0.46	cps
Thallium	203-1	42	25	33	33	25.01	cps
Thallium	205-1	142	83	133	119	26.41	cps
Thorium	232-1	33	61	50	48	29.04	cps
Tin	118-1	217	317	342	292	22.68	cps
Titanium	47-1	167	183	208	186	11.27	cps
Uranium	238-1	2717	2284	2534	2511	8.66	cps
Vanadium	51-2	60	90	77	76	19.89	cps
Yttrium	89-1	2563431	2575504	2595328	2578088	0.62	cps
Yttrium	89-2	339951	349391	344918	344753	1.37	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-08DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-LF3MW4DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 21:17:34	DataFile Name :	110SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	307	303	380	330	13.13	cps
Zirconium	90-1	1133	1067	1300	1167	10.30	cps
Zirconium	91-1	225	258	225	236	8.15	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-09DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0941DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 21:21:11	DataFile Name :	111SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	33	33	28	34.63	cps
Antimony	121-1	275	267	242	261	6.64	cps
Arsenic	75-2	11	6	4	7	56.78	cps
Barium	135-1	2550	2200	2434	2395	7.44	cps
Barium	137-1	4134	4134	4092	4120	0.58	cps
Beryllium	9-1	27	60	43	43	38.46	cps
Bismuth	209-1	1453543	1443839	1479951	1459111	1.28	cps
Bismuth	209-2	837516	845891	841241	841549	0.50	cps
Boron	10-1	1025	942	858	942	8.85	cps
Boron	11-1	4217	4067	4376	4220	3.66	cps
Cadmium	111-1	582	548	576	569	3.17	cps
Cadmium	106-1	833	733	825	797	6.96	cps
Cadmium	108-1	8	4	8	7	34.59	cps
Calcium	43-1	132825	129343	130320	130830	1.37	cps
Calcium	44-1	2065148	2041622	2071589	2059453	0.77	cps
Chromium	52-2	507	500	490	499	1.68	cps
Cobalt	59-2	30	23	7	20	60.08	cps
Copper	63-2	763	790	877	810	7.32	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	8	17	0	8	100.02	cps
Erbium	164-2	0	10	7	6	91.64	cps
Gadolinium	160-1	8	8	33	17	86.62	cps
Gadolinium	160-2	33	37	20	30	29.40	cps
Holmium	165-1	2592098	2582293	2623644	2599345	0.83	cps
Holmium	165-2	1330176	1356139	1350480	1345598	1.01	cps
Indium	115-1	1846533	1859090	1863912	1856512	0.48	cps
Indium	115-2	363910	370247	365771	366643	0.89	cps
Iron	56-2	3517	3706	3795	3673	3.86	cps
Iron	57-2	806	850	878	844	4.31	cps
Krypton	83-1	93	80	90	88	7.91	cps
Lead	206-1	100	111	133	115	14.79	cps
Lead	207-1	117	94	111	107	10.77	cps
Lead	208-1	444	411	400	419	5.53	cps
Lithium	6-1	1258078	1255470	1252768	1255439	0.21	cps
Magnesium	24-2	207434	211666	209552	209551	1.01	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-09DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0941DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 21:21:11	DataFile Name :	111SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1177	1140	1147	1155	1.69	cps
Molybdenum	94-1	125	158	150	144	12.01	cps
Molybdenum	95-1	125	58	142	108	40.70	cps
Molybdenum	96-1	125	117	192	144	28.46	cps
Molybdenum	97-1	75	100	83	86	14.78	cps
Molybdenum	98-1	83	108	117	103	16.88	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	33	43	33	37	15.75	cps
Phosphorus	31-2	33	33	50	39	24.75	cps
Potassium	39-2	12381	12639	12823	12614	1.76	cps
Rhodium	103-1	1833288	1856681	1851464	1847144	0.66	cps
Rhodium	103-2	894381	908981	907668	903677	0.89	cps
Scandium	45-1	1976932	1958197	1994195	1976441	0.91	cps
Scandium	45-2	82049	83701	83846	83199	1.20	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	13	13	17	14	15.09	cps
Selenium	82-1	25	20	15	20	25.55	cps
Silicon	28-1	1926617	1893226	1909085	1909643	0.87	cps
Silver	109-1	75	75	83	78	6.19	cps
Silver	107-1	38	38	75	50	43.30	cps
Sodium	23-2	90078	89425	91193	90232	0.99	cps
Strontium	86-1	72751	73204	73504	73153	0.52	cps
Strontium	88-1	619822	619161	610886	616623	0.81	cps
Sulfur	34-1	197626	199230	203631	200162	1.55	cps
Terbium	159-1	2789143	2789334	2838794	2805757	1.02	cps
Terbium	159-2	1345847	1371234	1365706	1360929	0.98	cps
Thallium	203-1	8	8	42	19	99.00	cps
Thallium	205-1	83	42	100	75	40.06	cps
Thorium	232-1	28	44	33	35	24.12	cps
Tin	118-1	225	242	308	258	17.07	cps
Titanium	47-1	83	125	100	103	20.41	cps
Uranium	238-1	625	558	708	631	11.92	cps
Vanadium	51-2	63	90	93	82	20.00	cps
Yttrium	89-1	2540848	2550109	2587566	2559507	0.97	cps
Yttrium	89-2	341010	348783	348939	346244	1.31	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-09DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0941DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 21:21:11	DataFile Name :	111SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	333	440	383	386	13.84	cps
Zirconium	90-1	258	275	267	267	3.13	cps
Zirconium	91-1	67	25	33	42	52.92	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P7
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 21:24:48	DataFile Name :	112CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2025073	2063965	2069596	2052878	1.18	cps
Antimony	121-1	1101931	1084878	1102427	1096412	0.91	cps
Arsenic	75-2	44494	45116	44813	44808	0.69	cps
Barium	135-1	1396991	1362588	1385630	1381736	1.27	cps
Barium	137-1	2439135	2420500	2416034	2425223	0.51	cps
Beryllium	9-1	493078	480624	479944	484549	1.53	cps
Bismuth	209-1	1292458	1278214	1271291	1280654	0.84	cps
Bismuth	209-2	748192	781796	780181	770057	2.46	cps
Boron	10-1	82073	84276	83422	83257	1.33	cps
Boron	11-1	370060	372108	375138	372435	0.69	cps
Cadmium	111-1	295009	292744	291442	293065	0.62	cps
Cadmium	106-1	35061	34201	33666	34309	2.05	cps
Cadmium	108-1	24334	23549	23445	23776	2.04	cps
Calcium	43-1	2895796	2851828	2851150	2866258	0.89	cps
Calcium	44-1	45866398	45603223	45449928	45639850	0.46	cps
Chromium	52-2	463974	478967	474894	472612	1.64	cps
Cobalt	59-2	614554	631596	633839	626663	1.68	cps
Copper	63-2	795302	806902	807469	803224	0.85	cps
Dysprosium	156-1	58	17	33	36	58.08	cps
Dysprosium	156-2	50	37	40	42	16.43	cps
Erbium	164-1	17	8	17	14	34.67	cps
Erbium	164-2	7	0	10	6	91.64	cps
Gadolinium	160-1	42	33	25	33	25.01	cps
Gadolinium	160-2	40	53	30	41	28.47	cps
Holmium	165-1	2528583	2507011	2516771	2517455	0.43	cps
Holmium	165-2	1356456	1387124	1387091	1376890	1.29	cps
Indium	115-1	1709808	1689571	1689474	1696284	0.69	cps
Indium	115-2	359350	368216	366932	364833	1.31	cps
Iron	56-2	85491649	86128135	86212996	85944260	0.46	cps
Iron	57-2	2182543	2196022	2198006	2192190	0.38	cps
Krypton	83-1	127	110	90	109	16.86	cps
Lead	206-1	750469	742458	733395	742107	1.15	cps
Lead	207-1	676249	664836	660570	667218	1.21	cps
Lead	208-1	3054137	3016222	3003611	3024656	0.87	cps
Lithium	6-1	1221084	1197224	1189598	1202635	1.37	cps
Magnesium	24-2	20656832	20911727	20771459	20780006	0.61	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P7
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 21:24:48	DataFile Name :	112CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	520660	532028	531197	527962	1.20	cps
Molybdenum	94-1	3332471	3271011	3313490	3305657	0.95	cps
Molybdenum	95-1	4392454	4359008	4335290	4362250	0.66	cps
Molybdenum	96-1	4810846	4765300	4737153	4771100	0.78	cps
Molybdenum	97-1	2675710	2652945	2622754	2650470	1.00	cps
Molybdenum	98-1	7020888	6866434	6906056	6931126	1.16	cps
Neodymium	150-1	93	127	120	113	15.56	cps
Neodymium	150-2	27	13	27	22	34.66	cps
Nickel	60-2	153369	157428	156411	155736	1.36	cps
Phosphorus	31-2	19163	20064	21249	20159	5.19	cps
Potassium	39-2	9543965	9767894	9648790	9653550	1.16	cps
Rhodium	103-1	1665142	1636449	1637746	1646445	0.98	cps
Rhodium	103-2	834864	847847	851994	844902	1.06	cps
Scandium	45-1	1988762	1945179	1935340	1956427	1.45	cps
Scandium	45-2	86645	89274	88499	88139	1.53	cps
Selenium	77-2	1217	1320	1333	1290	4.95	cps
Selenium	78-2	4123	4073	4227	4141	1.89	cps
Selenium	82-1	26854	25931	26308	26364	1.76	cps
Silicon	28-1	1488658	1502078	1502676	1497804	0.53	cps
Silver	109-1	1270855	1257227	1255945	1261342	0.66	cps
Silver	107-1	694979	689844	696796	693873	0.52	cps
Sodium	23-2	41435820	42481320	42252497	42056545	1.31	cps
Strontium	86-1	428721	414784	422548	422018	1.65	cps
Strontium	88-1	3670551	3616359	3628462	3638457	0.78	cps
Sulfur	34-1	396573	390770	394967	394103	0.76	cps
Terbium	159-1	2723586	2677165	2656033	2685595	1.29	cps
Terbium	159-2	1357590	1387224	1393905	1379573	1.40	cps
Thallium	203-1	923757	910590	916055	916801	0.72	cps
Thallium	205-1	2268314	2239321	2228428	2245354	0.92	cps
Thorium	232-1	3912426	3823643	3799256	3845108	1.55	cps
Tin	118-1	857355	846328	843485	849056	0.86	cps
Titanium	47-1	1640487	1629816	1624092	1631465	0.51	cps
Uranium	238-1	3765526	3693569	3690393	3716496	1.14	cps
Vanadium	51-2	400501	411839	410896	407745	1.54	cps
Yttrium	89-1	2517903	2477501	2473873	2489759	0.98	cps
Yttrium	89-2	355616	366062	366098	362592	1.67	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P7
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 21:24:48	DataFile Name :	112CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	121372	124764	123409	123182	1.39	cps
Zirconium	90-1	2367889	2326430	2351281	2348533	0.89	cps
Zirconium	91-1	516228	512964	510242	513145	0.58	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P7
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 21:28:27	DataFile Name :	113CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	100	75	103	28.48	cps
Antimony	121-1	750	683	783	739	6.89	cps
Arsenic	75-2	6	4	4	4	24.86	cps
Barium	135-1	217	125	75	139	51.73	cps
Barium	137-1	358	283	150	264	39.99	cps
Beryllium	9-1	170	133	113	139	20.69	cps
Bismuth	209-1	1394326	1428160	1430569	1417685	1.43	cps
Bismuth	209-2	845145	843144	852830	847039	0.60	cps
Boron	10-1	3717	3067	3192	3326	10.37	cps
Boron	11-1	15008	13924	12831	13921	7.82	cps
Cadmium	111-1	714	633	652	666	6.38	cps
Cadmium	106-1	958	825	883	889	7.52	cps
Cadmium	108-1	4	17	0	7	124.88	cps
Calcium	43-1	442	275	200	306	40.48	cps
Calcium	44-1	10237	8528	6994	8586	18.90	cps
Chromium	52-2	330	267	307	301	10.64	cps
Cobalt	59-2	33	17	27	26	32.81	cps
Copper	63-2	257	257	223	246	7.84	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	8	8	8	0.00	cps
Erbium	164-2	3	0	0	1	173.21	cps
Gadolinium	160-1	8	0	8	6	86.60	cps
Gadolinium	160-2	50	37	33	40	22.05	cps
Holmium	165-1	2474745	2531982	2527088	2511271	1.26	cps
Holmium	165-2	1352291	1353335	1378768	1361465	1.10	cps
Indium	115-1	1804724	1835626	1836583	1825644	0.99	cps
Indium	115-2	379300	385391	388458	384383	1.21	cps
Iron	56-2	5846	4801	4051	4899	18.40	cps
Iron	57-2	167	144	106	139	22.27	cps
Krypton	83-1	67	77	157	100	49.33	cps
Lead	206-1	211	144	100	152	36.83	cps
Lead	207-1	222	139	122	161	33.25	cps
Lead	208-1	939	561	617	706	28.91	cps
Lithium	6-1	1230826	1250386	1238807	1240006	0.79	cps
Magnesium	24-2	975	775	675	808	18.90	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P7
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 21:28:27	DataFile Name :	113CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27	30	23	27	12.51	cps
Molybdenum	94-1	1008	733	592	778	27.24	cps
Molybdenum	95-1	1275	917	842	1011	22.90	cps
Molybdenum	96-1	1408	950	933	1097	24.57	cps
Molybdenum	97-1	775	642	458	625	25.44	cps
Molybdenum	98-1	1925	1734	1542	1734	11.06	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	33	17	20	23	37.78	cps
Phosphorus	31-2	42	33	50	42	20.00	cps
Potassium	39-2	7636	8244	8328	8069	4.68	cps
Rhodium	103-1	1832340	1867074	1844774	1848063	0.95	cps
Rhodium	103-2	915737	916056	922289	918028	0.40	cps
Scandium	45-1	2001610	1999663	1995571	1998948	0.15	cps
Scandium	45-2	85575	87640	86725	86647	1.19	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	19	22	31	24	27.73	cps
Selenium	82-1	58	31	-49	13	423.47	cps
Silicon	28-1	95831	93332	93818	94327	1.40	cps
Silver	109-1	250	258	133	214	32.67	cps
Silver	107-1	158	54	108	107	48.71	cps
Sodium	23-2	9745	10070	9061	9626	5.35	cps
Strontium	86-1	192	267	200	219	18.73	cps
Strontium	88-1	583	425	200	403	47.83	cps
Sulfur	34-1	180699	180470	178988	180052	0.52	cps
Terbium	159-1	2694946	2728349	2724273	2715856	0.67	cps
Terbium	159-2	1361689	1379756	1379520	1373655	0.75	cps
Thallium	203-1	392	225	200	272	38.28	cps
Thallium	205-1	808	817	483	703	27.05	cps
Thorium	232-1	1395	995	900	1096	23.94	cps
Tin	118-1	525	342	350	406	25.53	cps
Titanium	47-1	308	167	117	197	50.41	cps
Uranium	238-1	575	350	325	417	33.05	cps
Vanadium	51-2	23	17	13	18	28.64	cps
Yttrium	89-1	2528234	2560480	2544524	2544413	0.63	cps
Yttrium	89-2	358406	361715	363040	361053	0.66	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P7
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 21:28:27	DataFile Name :	113CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	67	70	53	63	13.93	cps
Zirconium	90-1	542	617	600	586	6.72	cps
Zirconium	91-1	133	133	92	119	20.14	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-10DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-MMW0002DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 21:32:03	DataFile Name :	114SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	417	500	250	389	32.73	cps
Antimony	121-1	525	717	725	656	17.26	cps
Arsenic	75-2	6	6	4	5	21.74	cps
Barium	135-1	3517	3642	3701	3620	2.59	cps
Barium	137-1	6435	6377	6827	6546	3.74	cps
Beryllium	9-1	60	63	57	60	5.55	cps
Bismuth	209-1	1449605	1470742	1489863	1470070	1.37	cps
Bismuth	209-2	852635	859166	856987	856263	0.39	cps
Boron	10-1	1750	1800	1458	1670	11.05	cps
Boron	11-1	8319	7719	8186	8075	3.90	cps
Cadmium	111-1	560	591	716	622	13.24	cps
Cadmium	106-1	775	808	975	853	12.57	cps
Cadmium	108-1	4	0	0	1	173.21	cps
Calcium	43-1	179485	178193	180587	179422	0.67	cps
Calcium	44-1	2825844	2848214	2859795	2844618	0.61	cps
Chromium	52-2	780	910	913	868	8.76	cps
Cobalt	59-2	43	37	27	36	23.58	cps
Copper	63-2	893	877	807	859	5.35	cps
Dysprosium	156-1	17	33	33	28	34.63	cps
Dysprosium	156-2	0	13	17	10	88.20	cps
Erbium	164-1	17	25	17	19	24.73	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	33	25	50	36	35.25	cps
Gadolinium	160-2	40	30	43	38	18.36	cps
Holmium	165-1	2636149	2690481	2715234	2680621	1.51	cps
Holmium	165-2	1378710	1398469	1387808	1388329	0.71	cps
Indium	115-1	1884731	1914014	1944004	1914250	1.55	cps
Indium	115-2	385776	389603	387160	387513	0.50	cps
Iron	56-2	15586	15692	14919	15399	2.72	cps
Iron	57-2	1139	1328	1239	1235	7.65	cps
Krypton	83-1	67	73	87	76	13.48	cps
Lead	206-1	156	172	200	176	12.76	cps
Lead	207-1	150	117	161	143	16.22	cps
Lead	208-1	689	706	700	698	1.22	cps
Lithium	6-1	1287804	1287541	1298371	1291239	0.48	cps
Magnesium	24-2	187676	188073	187214	187654	0.23	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-10DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-MMW0002DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 21:32:03	DataFile Name :	114SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	677	600	607	628	6.77	cps
Molybdenum	94-1	183	242	308	244	25.59	cps
Molybdenum	95-1	250	308	233	264	14.93	cps
Molybdenum	96-1	275	267	308	283	7.78	cps
Molybdenum	97-1	183	167	183	178	5.41	cps
Molybdenum	98-1	308	475	333	372	24.15	cps
Neodymium	150-1	80	67	60	69	14.78	cps
Neodymium	150-2	13	13	23	17	34.65	cps
Nickel	60-2	90	70	63	74	18.64	cps
Phosphorus	31-2	100	42	67	69	42.14	cps
Potassium	39-2	27075	28094	28220	27796	2.26	cps
Rhodium	103-1	1875917	1910038	1926404	1904119	1.35	cps
Rhodium	103-2	931229	946404	950253	942629	1.07	cps
Scandium	45-1	2048425	2072781	2112915	2078040	1.57	cps
Scandium	45-2	88616	89421	86762	88266	1.54	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	31	17	39	29	38.99	cps
Selenium	82-1	62	30	15	36	67.51	cps
Silicon	28-1	1811131	1809557	1822415	1814368	0.39	cps
Silver	109-1	150	183	242	192	24.21	cps
Silver	107-1	117	175	88	126	35.25	cps
Sodium	23-2	246282	246270	244247	245600	0.48	cps
Strontium	86-1	83116	81263	81800	82060	1.16	cps
Strontium	88-1	689246	694027	690247	691173	0.36	cps
Sulfur	34-1	194038	196037	194476	194850	0.54	cps
Terbium	159-1	2823337	2856909	2876603	2852283	0.94	cps
Terbium	159-2	1388256	1399381	1396499	1394712	0.41	cps
Thallium	203-1	333	225	200	253	28.04	cps
Thallium	205-1	542	542	575	553	3.48	cps
Thorium	232-1	383	300	289	324	15.93	cps
Tin	118-1	408	400	317	375	13.52	cps
Titanium	47-1	283	208	267	253	15.58	cps
Uranium	238-1	917	642	850	803	17.87	cps
Vanadium	51-2	103	60	80	81	26.74	cps
Yttrium	89-1	2631699	2678492	2684529	2664906	1.09	cps
Yttrium	89-2	365885	371517	366856	368086	0.82	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-10DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-MMW0002DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 21:32:03	DataFile Name :	114SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	600	557	507	554	8.42	cps
Zirconium	90-1	342	367	333	347	5.00	cps
Zirconium	91-1	108	83	67	86	24.35	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-11DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-MMW0018BDL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 21:35:40	DataFile Name :	115SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	275	250	300	275	9.09	cps
Antimony	121-1	292	400	333	342	15.99	cps
Arsenic	75-2	7	6	7	7	15.72	cps
Barium	135-1	1992	1942	2067	2000	3.15	cps
Barium	137-1	3776	3584	3534	3631	3.51	cps
Beryllium	9-1	43	70	33	49	38.78	cps
Bismuth	209-1	1527682	1511439	1524659	1521260	0.57	cps
Bismuth	209-2	860293	870916	865373	865527	0.61	cps
Boron	10-1	1258	1158	1192	1203	4.23	cps
Boron	11-1	6001	5676	5234	5637	6.83	cps
Cadmium	111-1	775	600	572	649	16.92	cps
Cadmium	106-1	1033	775	783	864	16.99	cps
Cadmium	108-1	4	13	8	8	49.98	cps
Calcium	43-1	178633	179721	177004	178452	0.77	cps
Calcium	44-1	2874068	2842759	2852606	2856478	0.56	cps
Chromium	52-2	693	617	663	658	5.87	cps
Cobalt	59-2	43	13	17	24	67.26	cps
Copper	63-2	853	767	783	801	5.74	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	0	13	4	173.21	cps
Erbium	164-1	8	33	33	25	57.75	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	50	33	17	33	50.00	cps
Gadolinium	160-2	23	33	27	28	18.33	cps
Holmium	165-1	2707631	2749409	2788053	2748364	1.46	cps
Holmium	165-2	1382213	1413895	1408800	1401636	1.21	cps
Indium	115-1	1948125	1970385	1989036	1969182	1.04	cps
Indium	115-2	384623	391796	390961	389127	1.01	cps
Iron	56-2	8975	9153	8831	8986	1.80	cps
Iron	57-2	1133	1189	1217	1180	3.60	cps
Krypton	83-1	77	73	73	74	2.59	cps
Lead	206-1	122	156	144	141	12.06	cps
Lead	207-1	167	139	122	143	15.74	cps
Lead	208-1	550	633	550	578	8.33	cps
Lithium	6-1	1324683	1314879	1319081	1319548	0.37	cps
Magnesium	24-2	181056	180423	183975	181818	1.04	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-11DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-MMW0018BDL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 21:35:40	DataFile Name :	115SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	260	263	297	273	7.42	cps
Molybdenum	94-1	167	150	183	167	10.00	cps
Molybdenum	95-1	100	108	100	103	4.68	cps
Molybdenum	96-1	167	175	150	164	7.77	cps
Molybdenum	97-1	108	58	100	89	30.13	cps
Molybdenum	98-1	125	192	200	172	23.87	cps
Neodymium	150-1	7	47	33	29	70.50	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	27	37	43	36	23.58	cps
Phosphorus	31-2	58	33	33	42	34.65	cps
Potassium	39-2	19705	19555	19806	19689	0.64	cps
Rhodium	103-1	1956962	1972738	1986970	1972223	0.76	cps
Rhodium	103-2	934220	959346	963433	952333	1.66	cps
Scandium	45-1	2135264	2129943	2134790	2133332	0.14	cps
Scandium	45-2	88985	89059	90497	89514	0.95	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	24	15	17	19	26.45	cps
Selenium	82-1	38	46	40	42	10.33	cps
Silicon	28-1	2114828	2012722	2005356	2044302	2.99	cps
Silver	109-1	167	100	208	158	34.51	cps
Silver	107-1	42	150	63	85	67.85	cps
Sodium	23-2	73806	73053	72551	73137	0.86	cps
Strontium	86-1	75733	74921	73438	74697	1.56	cps
Strontium	88-1	639873	633404	631421	634900	0.70	cps
Sulfur	34-1	200339	200761	198538	199879	0.59	cps
Terbium	159-1	2911507	2934442	2988342	2944764	1.34	cps
Terbium	159-2	1396639	1428585	1422356	1415860	1.20	cps
Thallium	203-1	108	108	117	111	4.33	cps
Thallium	205-1	233	250	217	233	7.14	cps
Thorium	232-1	206	183	217	202	8.41	cps
Tin	118-1	342	233	250	275	21.21	cps
Titanium	47-1	183	383	250	272	37.43	cps
Uranium	238-1	475	408	325	403	18.66	cps
Vanadium	51-2	80	73	60	71	14.32	cps
Yttrium	89-1	2723567	2735490	2748845	2735967	0.46	cps
Yttrium	89-2	366201	373455	371207	370288	1.00	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-11DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-MMW0018BDL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 21:35:40	DataFile Name :	115SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	300	307	383	330	14.03	cps
Zirconium	90-1	283	367	242	297	21.41	cps
Zirconium	91-1	75	92	50	72	29.04	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-12DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0980DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 21:39:17	DataFile Name :	116SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	133	133	119	20.14	cps
Antimony	121-1	333	433	425	397	13.97	cps
Arsenic	75-2	324	302	344	323	6.59	cps
Barium	135-1	28421	28605	27612	28213	1.87	cps
Barium	137-1	50577	50928	50434	50646	0.50	cps
Beryllium	9-1	70	50	57	59	17.29	cps
Bismuth	209-1	1470547	1476092	1520218	1488952	1.83	cps
Bismuth	209-2	843720	855274	849763	849585	0.68	cps
Boron	10-1	5535	5535	6018	5696	4.90	cps
Boron	11-1	25698	24846	25531	25358	1.78	cps
Cadmium	111-1	641	582	701	642	9.29	cps
Cadmium	106-1	842	767	917	842	8.91	cps
Cadmium	108-1	21	13	4	13	66.64	cps
Calcium	43-1	390675	382606	386484	386588	1.04	cps
Calcium	44-1	6194692	6155057	6353896	6234549	1.69	cps
Chromium	52-2	563	647	697	636	10.60	cps
Cobalt	59-2	1813	1783	2070	1889	8.34	cps
Copper	63-2	13540	13817	14441	13932	3.31	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	10	3	13	9	57.30	cps
Erbium	164-1	17	8	33	19	65.47	cps
Erbium	164-2	17	7	13	12	41.65	cps
Gadolinium	160-1	50	8	25	28	75.51	cps
Gadolinium	160-2	53	27	47	42	32.86	cps
Holmium	165-1	2668221	2720301	2739645	2709389	1.36	cps
Holmium	165-2	1368178	1389215	1382602	1379998	0.78	cps
Indium	115-1	1908499	1928410	1934046	1923652	0.70	cps
Indium	115-2	375018	379846	376779	377214	0.65	cps
Iron	56-2	2707612	2714086	2697029	2706242	0.32	cps
Iron	57-2	71468	72590	72640	72233	0.92	cps
Krypton	83-1	93	90	83	89	5.73	cps
Lead	206-1	517	456	461	478	7.07	cps
Lead	207-1	422	417	350	396	10.14	cps
Lead	208-1	1950	1822	1650	1808	8.33	cps
Lithium	6-1	1283632	1281312	1292191	1285712	0.45	cps
Magnesium	24-2	381117	381148	383476	381914	0.35	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-12DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0980DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 21:39:17	DataFile Name :	116SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	79051	80432	79812	79765	0.87	cps
Molybdenum	94-1	567	575	658	600	8.45	cps
Molybdenum	95-1	142	133	117	131	9.75	cps
Molybdenum	96-1	267	283	333	294	11.78	cps
Molybdenum	97-1	67	42	33	47	36.74	cps
Molybdenum	98-1	167	225	167	186	18.10	cps
Neodymium	150-1	20	20	13	18	21.66	cps
Neodymium	150-2	13	0	0	4	173.21	cps
Nickel	60-2	747	803	740	763	4.56	cps
Phosphorus	31-2	42	75	25	47	53.91	cps
Potassium	39-2	133823	132454	130537	132272	1.25	cps
Rhodium	103-1	1903614	1945292	1934243	1927716	1.12	cps
Rhodium	103-2	916602	929642	933823	926689	0.97	cps
Scandium	45-1	2051197	2057694	2092608	2067166	1.08	cps
Scandium	45-2	85314	86152	85327	85597	0.56	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	17	30	28	25	28.39	cps
Selenium	82-1	15	20	17	17	13.61	cps
Silicon	28-1	7795892	7777149	7839067	7804036	0.41	cps
Silver	109-1	117	100	108	108	7.69	cps
Silver	107-1	92	100	88	93	6.84	cps
Sodium	23-2	434677	441221	437627	437841	0.75	cps
Strontium	86-1	226648	226221	227470	226780	0.28	cps
Strontium	88-1	1945057	1939545	1998437	1961013	1.66	cps
Sulfur	34-1	182512	179762	181340	181205	0.76	cps
Terbium	159-1	2860712	2895991	2944451	2900385	1.45	cps
Terbium	159-2	1382601	1393435	1391577	1389204	0.42	cps
Thallium	203-1	83	50	75	69	24.98	cps
Thallium	205-1	133	58	133	108	39.97	cps
Thorium	232-1	144	172	128	148	15.16	cps
Tin	118-1	392	358	342	364	7.00	cps
Titanium	47-1	192	242	208	214	11.90	cps
Uranium	238-1	242	233	275	250	8.82	cps
Vanadium	51-2	67	103	100	90	22.53	cps
Yttrium	89-1	2648096	2678344	2720714	2682384	1.36	cps
Yttrium	89-2	358880	364888	358861	360876	0.96	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	K3636-12DLX5	Instrumnet Name :	P7
Client Sample ID :	SP19-JMW0980DL	Dilution Factor :	5
Date & Time Acquired ::	2019-07-17 21:39:17	DataFile Name :	116SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4244	4377	4154	4258	2.64	cps
Zirconium	90-1	1275	1392	1400	1356	5.16	cps
Zirconium	91-1	292	258	325	292	11.43	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 21:42:54	DataFile Name :	117CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2089263	2113518	2105395	2102725	0.59	cps
Antimony	121-1	1141177	1115503	1100754	1119145	1.83	cps
Arsenic	75-2	45653	46712	46123	46162	1.15	cps
Barium	135-1	1444899	1412363	1410601	1422621	1.36	cps
Barium	137-1	2503644	2482055	2485951	2490550	0.46	cps
Beryllium	9-1	503379	489289	489557	494075	1.63	cps
Bismuth	209-1	1315334	1279204	1272552	1289030	1.79	cps
Bismuth	209-2	768807	773351	777441	773200	0.56	cps
Boron	10-1	87737	87067	86757	87187	0.57	cps
Boron	11-1	381689	382671	383694	382685	0.26	cps
Cadmium	111-1	305490	300442	295591	300507	1.65	cps
Cadmium	106-1	35387	35412	35930	35576	0.86	cps
Cadmium	108-1	24784	24851	24651	24762	0.41	cps
Calcium	43-1	2996329	2935820	2985358	2972502	1.08	cps
Calcium	44-1	47439520	46841636	46936681	47072613	0.68	cps
Chromium	52-2	479709	489412	485863	484995	1.01	cps
Cobalt	59-2	630062	645371	638384	637939	1.20	cps
Copper	63-2	803680	827010	817487	816059	1.44	cps
Dysprosium	156-1	33	42	25	33	25.01	cps
Dysprosium	156-2	47	40	23	37	32.79	cps
Erbium	164-1	17	8	25	17	50.01	cps
Erbium	164-2	10	7	10	9	21.63	cps
Gadolinium	160-1	42	17	33	31	41.66	cps
Gadolinium	160-2	47	53	30	43	27.73	cps
Holmium	165-1	2643015	2573655	2563171	2593280	1.67	cps
Holmium	165-2	1368319	1397396	1390200	1385305	1.09	cps
Indium	115-1	1782539	1757461	1726445	1755482	1.60	cps
Indium	115-2	369681	373819	372036	371846	0.56	cps
Iron	56-2	87556649	88018419	87408863	87661310	0.36	cps
Iron	57-2	2235243	2249532	2222616	2235797	0.60	cps
Krypton	83-1	80	97	80	86	11.25	cps
Lead	206-1	760286	739338	739719	746448	1.61	cps
Lead	207-1	677065	661437	660458	666320	1.40	cps
Lead	208-1	3070309	3010769	2996565	3025881	1.29	cps
Lithium	6-1	1256223	1217358	1210342	1227974	2.01	cps
Magnesium	24-2	21271495	21556530	21331113	21386379	0.70	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 21:42:54	DataFile Name :	117CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	535601	544959	545916	542159	1.05	cps
Molybdenum	94-1	3452979	3373556	3346531	3391022	1.63	cps
Molybdenum	95-1	4535430	4413725	4469043	4472733	1.36	cps
Molybdenum	96-1	4997378	4918864	4874649	4930297	1.26	cps
Molybdenum	97-1	2771728	2725087	2707357	2734724	1.22	cps
Molybdenum	98-1	7199900	7097101	7082233	7126411	0.90	cps
Neodymium	150-1	133	120	147	133	10.00	cps
Neodymium	150-2	33	40	27	33	20.00	cps
Nickel	60-2	156569	160615	157949	158378	1.30	cps
Phosphorus	31-2	20473	20223	21808	20835	4.09	cps
Potassium	39-2	9907090	9957644	9870259	9911664	0.44	cps
Rhodium	103-1	1726933	1696626	1692083	1705214	1.11	cps
Rhodium	103-2	844533	865851	859156	856513	1.27	cps
Scandium	45-1	2072111	2022256	2022685	2039017	1.41	cps
Scandium	45-2	89364	91249	90712	90442	1.07	cps
Selenium	77-2	1347	1350	1210	1302	6.13	cps
Selenium	78-2	4125	4240	4375	4246	2.95	cps
Selenium	82-1	27115	26896	27054	27022	0.42	cps
Silicon	28-1	1549876	1537671	1555343	1547630	0.58	cps
Silver	109-1	1306732	1294947	1298224	1299968	0.47	cps
Silver	107-1	729048	709793	694414	711085	2.44	cps
Sodium	23-2	42955468	43263758	42810833	43010020	0.54	cps
Strontium	86-1	439626	434047	431217	434963	0.98	cps
Strontium	88-1	3781680	3726634	3695979	3734764	1.16	cps
Sulfur	34-1	406954	399507	396453	400971	1.35	cps
Terbium	159-1	2799418	2764002	2717692	2760371	1.48	cps
Terbium	159-2	1381395	1391445	1400704	1391181	0.69	cps
Thallium	203-1	929062	918890	914758	920903	0.80	cps
Thallium	205-1	2295048	2233434	2240703	2256395	1.49	cps
Thorium	232-1	3938356	3809911	3843590	3863952	1.72	cps
Tin	118-1	878748	863461	857287	866498	1.28	cps
Titanium	47-1	1695130	1658125	1659790	1671015	1.25	cps
Uranium	238-1	3777800	3715749	3706819	3733456	1.04	cps
Vanadium	51-2	413495	420001	414037	415844	0.87	cps
Yttrium	89-1	2614625	2582387	2532293	2576435	1.61	cps
Yttrium	89-2	365506	371327	370160	368998	0.83	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 21:42:54	DataFile Name :	117CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	123171	127715	125964	125617	1.82	cps
Zirconium	90-1	2450315	2414043	2387802	2417387	1.30	cps
Zirconium	91-1	533973	524901	526221	528365	0.93	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P7
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 21:46:33	DataFile Name :	118CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	117	42	78	48.31	cps
Antimony	121-1	600	667	633	633	5.26	cps
Arsenic	75-2	6	4	7	6	33.38	cps
Barium	135-1	133	117	108	119	10.66	cps
Barium	137-1	225	217	158	200	18.16	cps
Beryllium	9-1	153	143	103	133	19.84	cps
Bismuth	209-1	1437535	1427077	1431045	1431886	0.37	cps
Bismuth	209-2	853268	872878	851113	859086	1.40	cps
Boron	10-1	3801	3676	2992	3489	12.47	cps
Boron	11-1	16568	15926	14191	15561	7.90	cps
Cadmium	111-1	798	582	648	676	16.38	cps
Cadmium	106-1	1067	742	892	900	18.07	cps
Cadmium	108-1	17	0	8	8	100.02	cps
Calcium	43-1	233	267	175	225	20.62	cps
Calcium	44-1	9036	7686	6960	7894	13.35	cps
Chromium	52-2	280	283	257	273	5.32	cps
Cobalt	59-2	43	23	20	29	43.68	cps
Copper	63-2	290	247	223	253	13.35	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	0	0	8	3	173.21	cps
Erbium	164-2	0	3	10	4	114.60	cps
Gadolinium	160-1	17	17	0	11	86.60	cps
Gadolinium	160-2	23	37	43	34	29.57	cps
Holmium	165-1	2594534	2531109	2540861	2555501	1.34	cps
Holmium	165-2	1382813	1389003	1376992	1382936	0.43	cps
Indium	115-1	1897463	1865320	1865845	1876209	0.98	cps
Indium	115-2	391526	391231	387751	390170	0.54	cps
Iron	56-2	5029	4556	4312	4632	7.87	cps
Iron	57-2	167	117	167	150	19.24	cps
Krypton	83-1	53	80	90	74	25.46	cps
Lead	206-1	183	178	172	178	3.12	cps
Lead	207-1	178	167	106	150	25.92	cps
Lead	208-1	711	717	550	659	14.36	cps
Lithium	6-1	1295801	1265237	1264944	1275327	1.39	cps
Magnesium	24-2	842	717	583	714	18.10	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P7
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 21:46:33	DataFile Name :	118CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	30	13	23	22	37.76	cps
Molybdenum	94-1	783	692	592	689	13.92	cps
Molybdenum	95-1	983	758	917	886	13.04	cps
Molybdenum	96-1	1325	983	767	1025	27.46	cps
Molybdenum	97-1	667	600	492	586	15.07	cps
Molybdenum	98-1	1525	1375	1217	1372	11.24	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	27	17	20	28.86	cps
Phosphorus	31-2	33	42	33	36	13.33	cps
Potassium	39-2	8695	8052	8403	8383	3.83	cps
Rhodium	103-1	1917482	1902620	1887589	1902564	0.79	cps
Rhodium	103-2	933918	944674	944670	941087	0.66	cps
Scandium	45-1	2055047	2056716	2049307	2053690	0.19	cps
Scandium	45-2	89478	90293	88918	89563	0.77	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	24	28	31	28	13.34	cps
Selenium	82-1	65	34	1	33	95.62	cps
Silicon	28-1	97844	93719	92183	94582	3.10	cps
Silver	109-1	192	208	200	200	4.16	cps
Silver	107-1	154	129	33	106	60.43	cps
Sodium	23-2	10237	10662	9762	10221	4.41	cps
Strontium	86-1	150	133	150	144	6.66	cps
Strontium	88-1	400	317	192	303	34.63	cps
Sulfur	34-1	194300	192163	189396	191953	1.28	cps
Terbium	159-1	2777595	2734067	2747680	2753114	0.81	cps
Terbium	159-2	1394908	1404286	1384417	1394537	0.71	cps
Thallium	203-1	283	358	308	317	12.06	cps
Thallium	205-1	758	708	550	672	16.18	cps
Thorium	232-1	1195	1083	1083	1120	5.73	cps
Tin	118-1	375	367	292	344	13.33	cps
Titanium	47-1	275	258	142	225	32.29	cps
Uranium	238-1	350	358	242	317	20.55	cps
Vanadium	51-2	10	20	13	14	35.26	cps
Yttrium	89-1	2633074	2609368	2599151	2613865	0.67	cps
Yttrium	89-2	367584	371647	367406	368879	0.65	cps

LB Number :	LB104039	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P7
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2019-07-17 21:46:33	DataFile Name :	118CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	67	70	53	63	13.93	cps
Zirconium	90-1	508	458	358	442	17.29	cps
Zirconium	91-1	83	108	83	92	15.74	cps