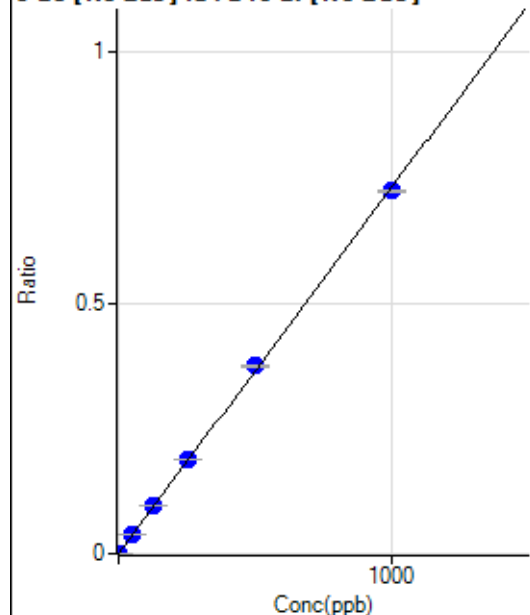


Batch Folder: D:\ICP-MS Data\P7051719 MS.b\
Analysis File: P7051719 MS.batch.bin
DA Date-Time: 2019-05-17 23:47:01
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-05-17 13:18:33
2			
3	005CALS.d	S02	2019-05-17 13:26:46
4	006CALS.d	S03	2019-05-17 13:30:43
5	007CALS.d	S04	2019-05-17 13:34:39
6	008CALS.d	S05	2019-05-17 13:38:31
7	009CALS.d	S06	2019-05-17 13:42:21
8	010CALS.d	S07	2019-05-17 13:46:09
9	011CALS.d	S08	2019-05-17 13:49:55

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	54.45	0.0000	P	13.0
2	☐	0.100					
3	☐	1.000	0.914	1662.34	0.0007	P	4.0
4	☐	50.000	52.376	91491.07	0.0383	P	0.8
5	☐	125.000	129.870	225286.66	0.0949	P	0.4
6	☐	250.000	257.080	432618.13	0.1878	P	0.4
7	☐	500.000	512.422	840937.98	0.3744	P	0.3
8	☐	1000.000	991.292	1588654.35	0.7242	P	0.4
9	☐			350.01	0.0002	P	3.1

$$y = 7.3054\text{E-}004 * x + 2.2781\text{E-}005$$

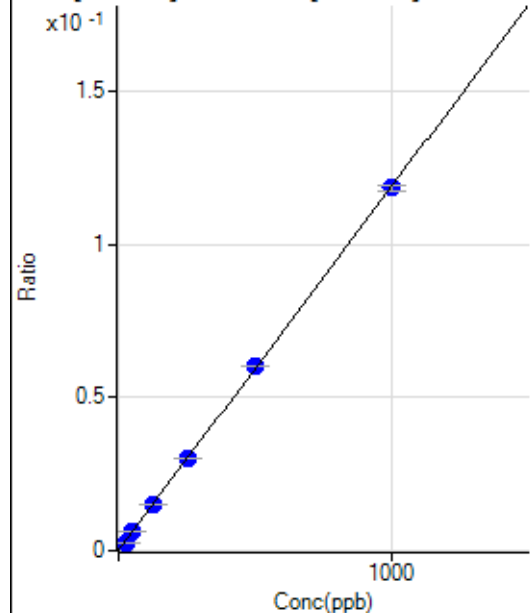
$$R = 0.9999$$

$$DL = 0.01215$$

$$BEC = 0.03118$$

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	466.69	0.0002	P	5.1
2	☐	2.500					
3	☐	25.000	21.365	6576.68	0.0027	P	1.2
4	☐	50.000	49.545	14521.34	0.0061	P	1.3
5	☐	125.000	123.780	35347.67	0.0149	P	1.7
6	☐	250.000	252.401	69460.06	0.0302	P	1.5
7	☐	500.000	506.208	135430.02	0.0603	P	0.9
8	☐	1000.000	996.562	259941.07	0.1185	P	1.4
9	☐			9130.89	0.0043	P	7.3

$$y = 1.1871\text{E-}004 * x + 1.9521\text{E-}004$$

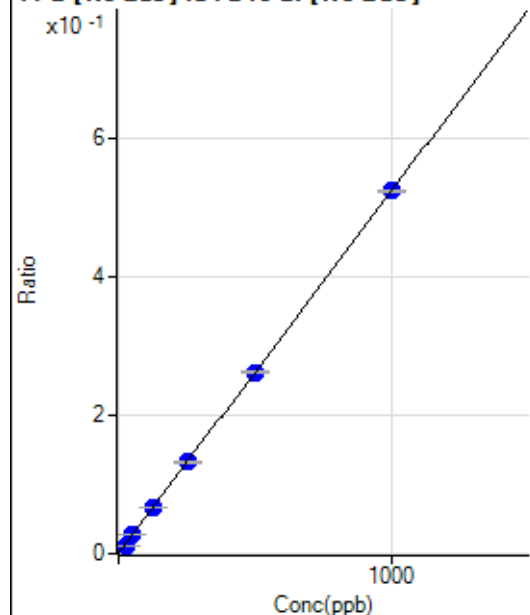
$$R = 1.0000$$

$$DL = 0.2524$$

$$BEC = 1.644$$

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	2053.01	0.0009	P	7.3
2	☐	2.500					
3	☐	25.000	21.540	29142.76	0.0121	P	0.4
4	☐	50.000	49.397	63676.80	0.0266	P	0.4
5	☐	125.000	124.917	156849.08	0.0661	P	1.5
6	☐	250.000	250.632	303327.95	0.1317	P	1.7
7	☐	500.000	499.908	588187.17	0.2618	P	1.4
8	☐	1000.000	1000.015	1147099.21	0.5229	P	0.6
9	☐			39845.30	0.0190	P	6.5

$$y = 5.2205\text{E-}004 * x + 8.5896\text{E-}004$$

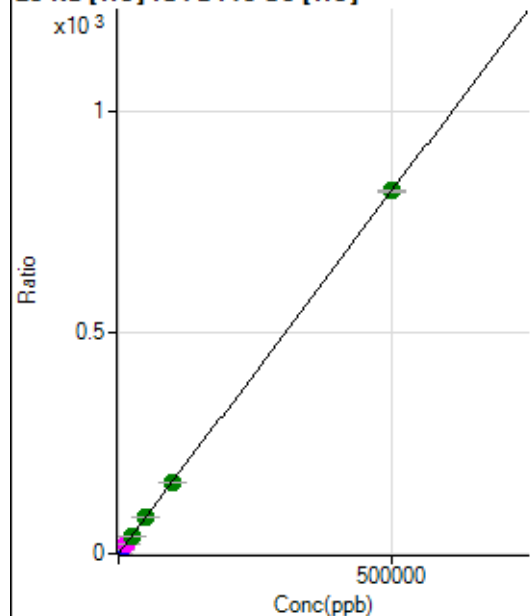
$$R = 1.0000$$

$$DL = 0.3589$$

$$BEC = 1.645$$

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	3331.06	0.0157	P	5.0
2	☐	50.000					
3	☐	500.000	430.956	153603.20	0.7225	P	2.1
4	☐	5000.000	4940.182	1689034.17	8.1180	P	0.2
5	☐	12500.000	12550.852	4164226.65	20.6000	M	6.1
6	☐	25000.000	24659.620	8143861.99	40.4593	A	0.1
7	☐	50000.000	49662.873	15984641.85	81.4664	A	0.7
8	☐	100000.00	98292.352	30667184.02	161.2222	A	0.3
9	☐	500000.00	500391.65	155754232.6	820.6939	A	0.7

$$y = 0.0016 * x + 0.0157$$

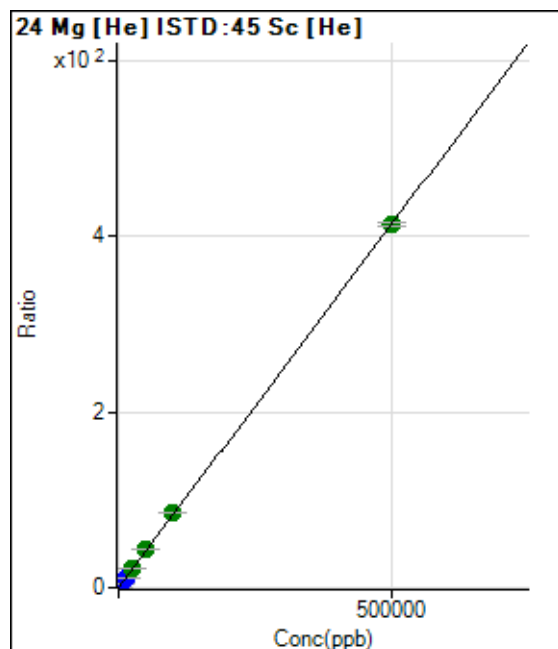
$$R = 1.0000$$

$$DL = 1.445$$

$$BEC = 9.581$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56	0.0005	P	11.8
2	☐	50.000					
3	☐	500.000	468.347	82479.90	0.3880	P	0.4
4	☐	5000.000	5252.604	904262.39	4.3461	P	0.9
5	☐	12500.000	13284.131	2221315.35	10.9909	P	6.6
6	☐	25000.000	25984.987	4327352.79	21.4987	A	0.5
7	☐	50000.000	52198.406	8473797.06	43.1858	A	0.3
8	☐	100000.00	102805.37	16177871.54	85.0545	A	1.0
9	☐	500000.00	499147.73	78371370.50	412.9608	A	1.1

$$y = 8.2733\text{E-}004 * x + 4.9787\text{E-}004$$

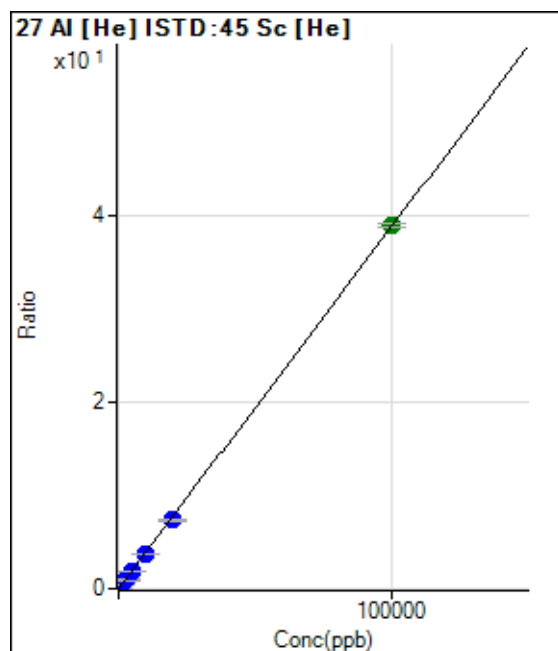
$$R = 1.0000$$

$$DL = 0.2136$$

$$BEC = 0.6018$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.44	0.0001	P	49.4
2	☐	2.000					
3	☐	20.000	17.068	1425.14	0.0067	P	9.3
4	☐	1000.000	967.754	78000.79	0.3749	P	0.8
5	☐	2500.000	2460.534	192584.32	0.9531	P	7.0
6	☐	5000.000	4818.347	375648.85	1.8662	P	0.6
7	☐	10000.000	9586.954	728554.71	3.7131	P	0.8
8	☐	20000.000	18914.102	1393381.79	7.3255	P	0.7
9	☐	100000.00	100268.87	7370061.88	38.8342	A	0.9

$$y = 3.8730\text{E-}004 * x + 9.1687\text{E-}005$$

$$R = 0.9999$$

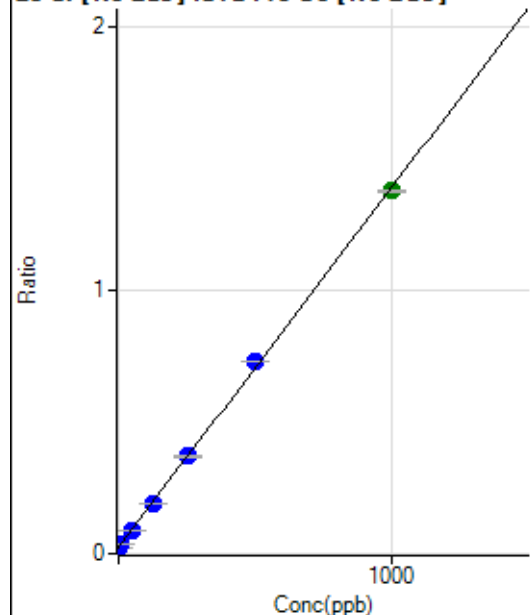
$$DL = 0.3511$$

$$BEC = 0.2367$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	112535.49	0.0242	P	0.9
2	☐	1.000					
3	☐	10.000	6.622	153908.73	0.0332	P	0.8
4	☐	50.000	46.851	405834.08	0.0881	P	1.0
5	☐	125.000	121.519	859351.03	0.1901	P	1.9
6	☐	250.000	253.168	1604467.44	0.3699	P	1.9
7	☐	500.000	517.345	3090809.29	0.7307	P	0.6
8	☐	1000.000	991.162	5716422.87	1.3779	A	0.4
9	☐			206572.78	0.0516	P	0.9

$$y = 0.0014 * x + 0.0242$$

$$R = 0.9997$$

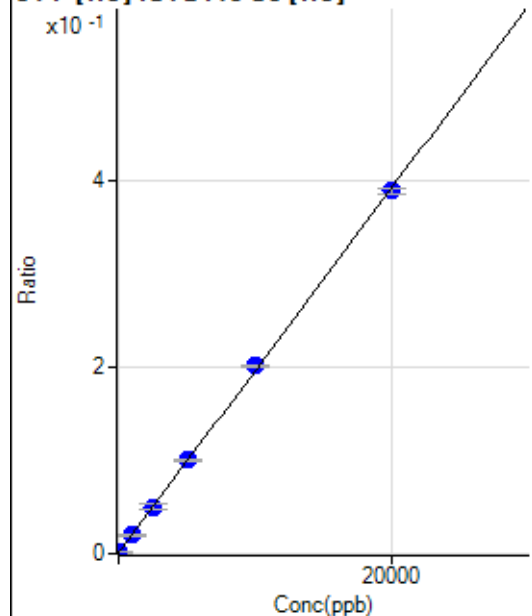
$$DL = 0.4592$$

$$BEC = 17.69$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-24.367	66.67	0.0003	P	33.2
2	☐	0.000					
3	☐	0.000	24.367	269.46	0.0013	P	12.6
4	☐	1000.000	971.212	4114.63	0.0198	P	3.0
5	☐	2500.000	2537.581	10176.06	0.0504	P	9.0
6	☐	5000.000	5075.329	20128.23	0.1000	P	1.1
7	☐	10000.000	10244.061	39444.77	0.2010	P	0.7
8	☐	20000.000	19855.879	73972.81	0.3889	P	1.6
9	☐			91.67	0.0005	P	33.1

$$y = 1.9547E-005 * x + 7.9093E-004$$

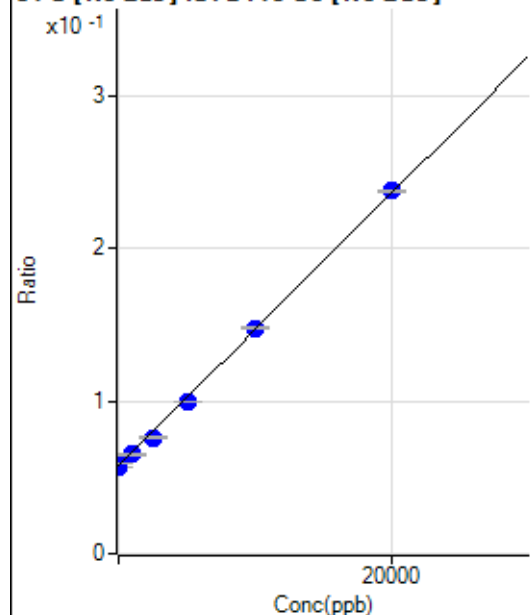
$$R = 0.9999$$

$$DL = 20.29$$

$$BEC = 40.46$$

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	-112.855	265489.39	0.0570	P	0.8
2	☐	0.000					
3	☐	0.000	112.855	273548.52	0.0590	P	0.6
4	☐	1000.000	778.206	299057.28	0.0650	P	1.4
5	☐	2500.000	2031.890	344293.48	0.0762	P	0.5
6	☐	5000.000	4641.706	431551.14	0.0995	P	0.5
7	☐	10000.000	10060.078	625703.05	0.1479	P	0.8
8	☐	20000.000	20129.138	987218.46	0.2380	P	0.5
9	☐			223746.97	0.0559	P	0.5

$$y = 8.9398\text{E-}006 * x + 0.0580$$

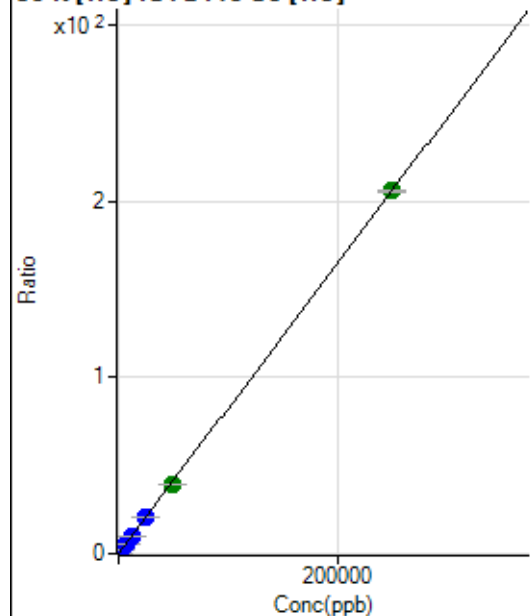
$$R = 0.9996$$

$$DL = 128.2$$

$$BEC = 6488$$

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	12616.94	0.0595	P	1.9
2	☐	50.000					
3	☐	500.000	434.106	88605.98	0.4168	P	1.5
4	☐	2500.000	2475.852	436350.95	2.0972	P	0.1
5	☐	6250.000	6250.930	1051855.19	5.2042	P	6.5
6	☐	12500.000	12328.643	2054397.14	10.2064	P	0.5
7	☐	25000.000	24754.058	4009322.62	20.4329	P	0.4
8	☐	50000.000	48252.122	7565241.84	39.7725	A	0.5
9	☐	250000.00	250383.08	39120961.64	206.1325	A	0.6

$$y = 8.2303\text{E-}004 * x + 0.0595$$

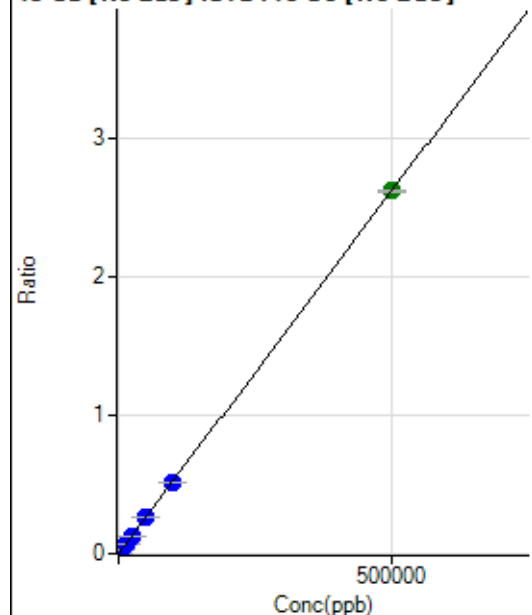
$$R = 1.0000$$

$$DL = 4.196$$

$$BEC = 72.32$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0000	P	27.0
2	☐	50.000					
3	☐	500.000	432.979	10581.97	0.0023	P	1.1
4	☐	5000.000	4880.628	117682.24	0.0256	P	0.9
5	☐	12500.000	12307.648	291250.82	0.0644	P	0.6
6	☐	25000.000	24682.432	560373.56	0.1292	P	0.1
7	☐	50000.000	50052.017	1108034.80	0.2620	P	1.1
8	☐	100000.00	98277.990	2134111.03	0.5144	P	0.5
9	☐	500000.00	500361.14	10475407.88	2.6188	A	0.3

$$y = 5.2338\text{E-}006 * x + 1.6699\text{E-}005$$

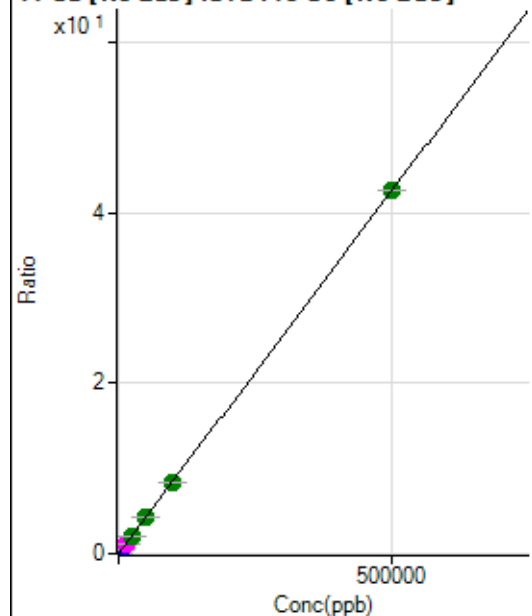
$$R = 1.0000$$

$$DL = 2.585$$

$$BEC = 3.191$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5065.11	0.0011	P	7.1
2	☐	50.000					
3	☐	500.000	432.140	175479.78	0.0379	P	0.5
4	☐	5000.000	4932.139	1937032.05	0.4207	P	0.7
5	☐	12500.000	12363.102	4759982.83	1.0530	M	0.4
6	☐	25000.000	24695.962	9118509.15	2.1024	A	0.5
7	☐	50000.000	50186.367	18065175.58	4.2713	A	0.9
8	☐	100000.00	98327.034	34714893.48	8.3674	A	0.3
9	☐	500000.00	500335.32	170293226.0	42.5730	A	0.2

$$y = 8.5087\text{E-}005 * x + 0.0011$$

$$R = 1.0000$$

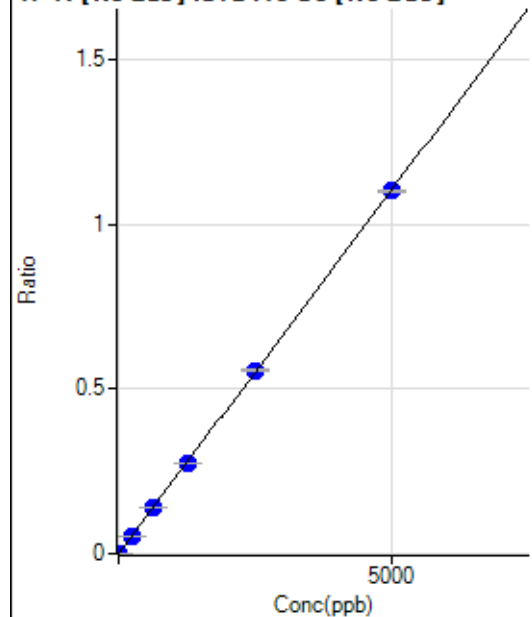
$$DL = 2.733$$

$$BEC = 12.78$$

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	88.89	0.0000	P	19.5
2	☐	0.500					
3	☐	5.000	4.522	4712.04	0.0010	P	3.0
4	☐	250.000	248.545	252481.73	0.0548	P	1.2
5	☐	625.000	624.999	623256.19	0.1379	P	0.5
6	☐	1250.000	1247.005	1193086.49	0.2751	P	0.3
7	☐	2500.000	2521.772	2352725.77	0.5563	P	0.7
8	☐	5000.000	4989.936	4566586.47	1.1007	P	0.6
9	☐			1802.97	0.0005	P	5.1

$$y = 2.2058E-004 * x + 1.9083E-005$$

$$R = 1.0000$$

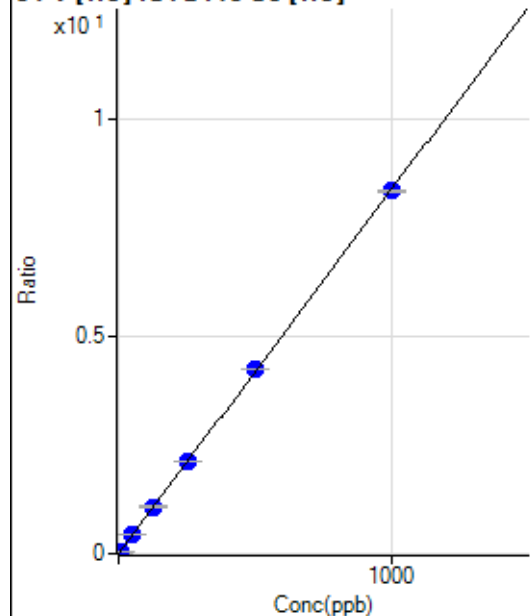
$$DL = 0.05062$$

$$BEC = 0.08651$$

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	2.22	0.0000	P	86.6
2	☐	0.500					
3	☐	5.000	4.683	8331.35	0.0392	P	0.2
4	☐	50.000	51.104	88960.84	0.4276	P	0.8
5	☐	125.000	129.154	218390.79	1.0806	P	6.5
6	☐	250.000	251.531	423587.25	2.1044	P	0.3
7	☐	500.000	505.999	830642.82	4.2334	P	0.7
8	☐	1000.000	996.045	1585060.51	8.3333	P	0.9
9	☐			218.89	0.0012	P	15.7

$$y = 0.0084 * x + 1.0495E-005$$

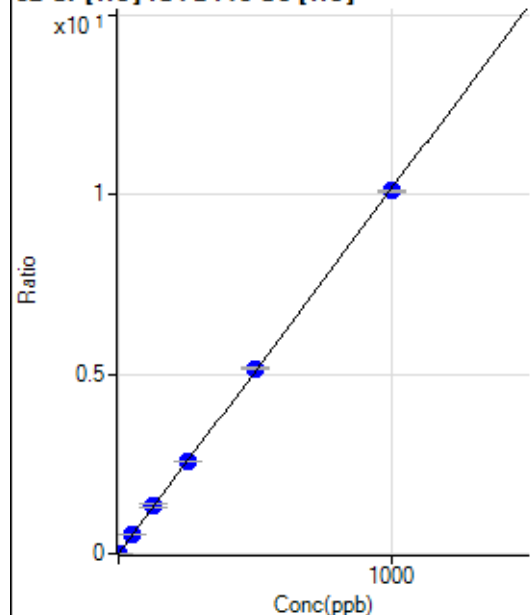
$$R = 1.0000$$

$$DL = 0.003259$$

$$BEC = 0.001254$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	504.46	0.0024	P	2.5
2	☐	0.200					
3	☐	2.000	1.799	4390.73	0.0207	P	1.4
4	☐	50.000	51.798	109950.59	0.5285	P	0.6
5	☐	125.000	130.100	267473.45	1.3237	P	7.1
6	☐	250.000	254.156	520055.63	2.5837	P	0.5
7	☐	500.000	508.113	1013022.60	5.1630	P	0.9
8	☐	1000.000	994.178	1921048.89	10.0996	P	0.7
9	☐			4308.47	0.0227	P	1.7

$$y = 0.0102 * x + 0.0024$$

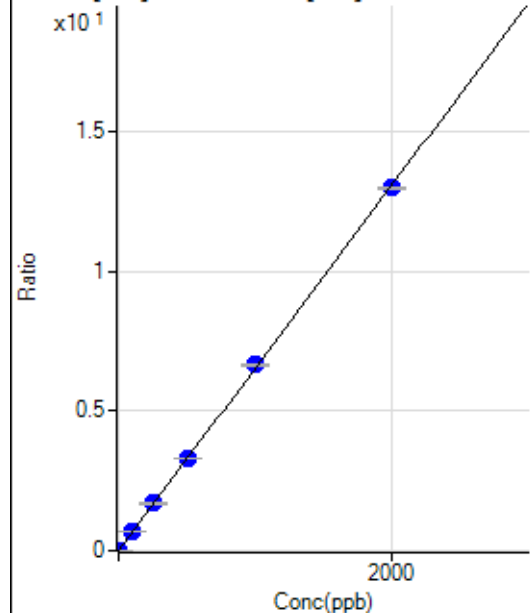
$$R = 0.9999$$

$$DL = 0.01736$$

$$BEC = 0.2343$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.00	0.0001	P	48.3
2	☐	0.100					
3	☐	1.000	1.044	1478.99	0.0070	P	2.7
4	☐	100.000	102.821	139632.63	0.6711	P	1.2
5	☐	250.000	259.583	342397.88	1.6941	P	6.5
6	☐	500.000	507.631	666820.24	3.3128	P	0.5
7	☐	1000.000	1017.995	1303446.79	6.6433	P	1.3
8	☐	2000.000	1987.756	2467359.29	12.9718	P	0.7
9	☐			5633.38	0.0297	P	1.0

$$y = 0.0065 * x + 1.4145E-004$$

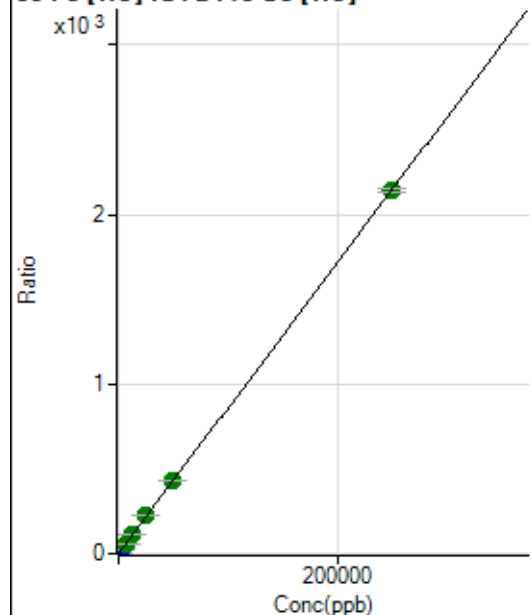
$$R = 0.9999$$

$$DL = 0.03142$$

$$BEC = 0.02168$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2820.72	0.0133	P	4.3
2	☐	5.000					
3	☐	50.000	49.421	92789.65	0.4365	P	1.7
4	☐	2500.000	2652.870	4728966.14	22.7290	P	0.3
5	☐	6250.000	6650.618	11513802.00	56.9604	A	6.2
6	☐	12500.000	12989.450	22390569.48	111.2378	A	0.5
7	☐	25000.000	25947.135	43595676.90	222.1904	A	1.0
8	☐	50000.000	50710.298	82595032.40	434.2294	A	0.6
9	☐	250000.00	249727.21	405813042.4	2,138.347	A	1.2

$$y = 0.0086 * x + 0.0133$$

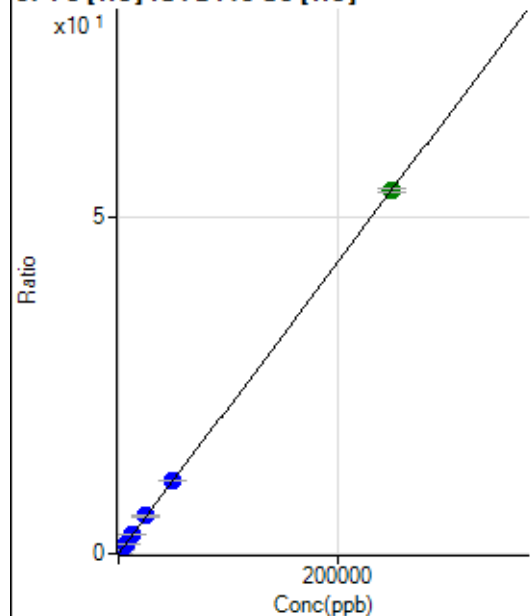
$$R = 1.0000$$

$$DL = 0.1996$$

$$BEC = 1.554$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	111.11	0.0005	P	0.4
2	☐	5.000					
3	☐	50.000	49.753	2389.15	0.0112	P	3.1
4	☐	2500.000	2662.960	119432.30	0.5740	P	0.4
5	☐	6250.000	6628.433	288585.45	1.4280	P	6.8
6	☐	12500.000	13056.474	566089.18	2.8124	P	1.1
7	☐	25000.000	25937.095	1096080.70	5.5864	P	1.1
8	☐	50000.000	50620.199	2073679.99	10.9021	P	0.8
9	☐	250000.00	249743.33	10207461.80	53.7855	A	0.9

$$y = 2.1536E-004 * x + 5.2414E-004$$

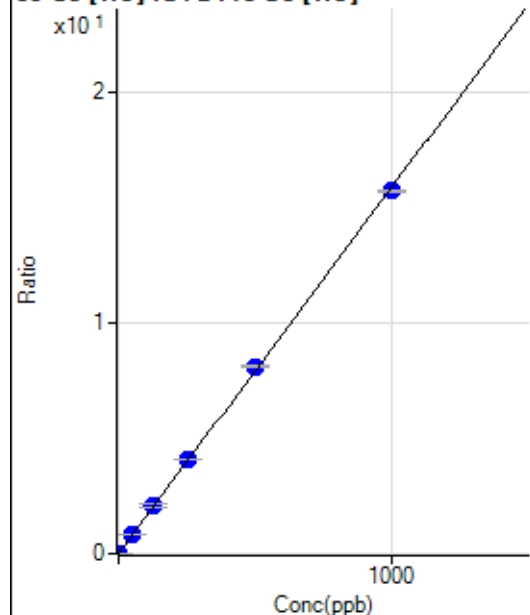
$$R = 1.0000$$

$$DL = 0.02793$$

$$BEC = 2.434$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0002	P	23.2
2	☐	0.100					
3	☐	1.000	0.914	3130.38	0.0147	P	3.2
4	☐	50.000	52.674	173781.36	0.8352	P	0.1
5	☐	125.000	131.360	420911.61	2.0826	P	6.5
6	☐	250.000	258.231	824022.76	4.0938	P	0.3
7	☐	500.000	511.748	1591769.87	8.1127	P	1.0
8	☐	1000.000	991.140	2988601.86	15.7122	P	0.7
9	☐			34414.92	0.1813	P	0.9

$$y = 0.0159 * x + 2.3589E-004$$

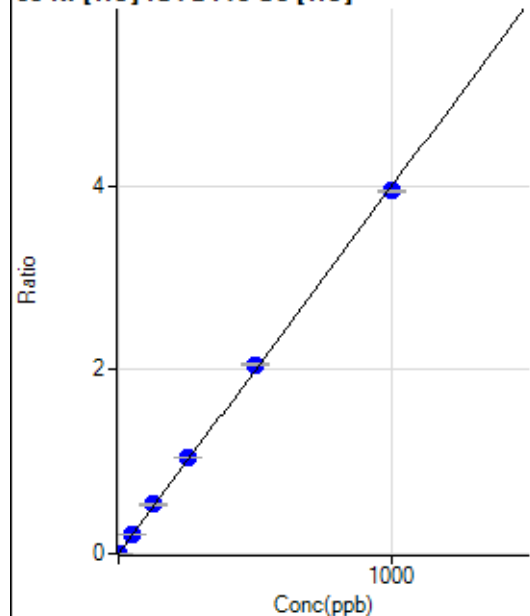
$$R = 0.9999$$

$$DL = 0.01037$$

$$BEC = 0.01488$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	26.67	0.0001	P	25.1
2	☐	0.100					
3	☐	1.000	1.057	924.49	0.0043	P	7.1
4	☐	50.000	53.618	44591.08	0.2143	P	0.7
5	☐	125.000	134.126	108310.64	0.5359	P	6.7
6	☐	250.000	261.783	210526.33	1.0459	P	0.2
7	☐	500.000	515.371	403998.42	2.0590	P	0.4
8	☐	1000.000	988.047	750802.19	3.9472	P	0.8
9	☐			7031.78	0.0371	P	1.7

$$y = 0.0040 * x + 1.2581E-004$$

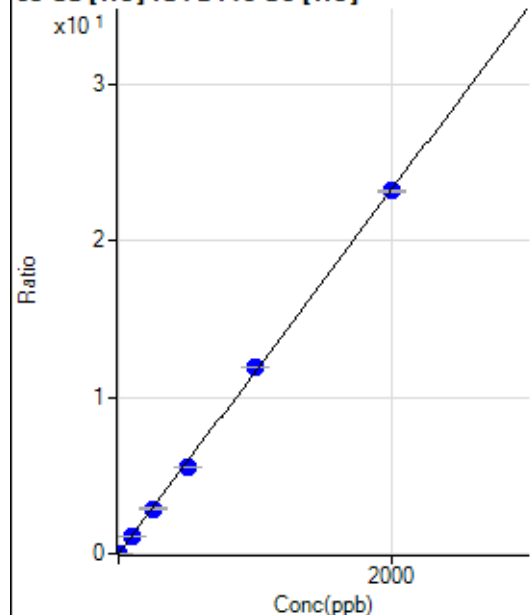
$$R = 0.9997$$

$$DL = 0.02375$$

$$BEC = 0.03149$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	364.45	0.0017	P	15.9
2	☐	0.200					
3	☐	2.000	1.725	4631.92	0.0218	P	4.4
4	☐	100.000	98.484	238683.89	1.1472	P	1.2
5	☐	250.000	246.071	578795.07	2.8638	P	6.6
6	☐	500.000	476.361	1115607.68	5.5424	P	0.3
7	☐	1000.000	1025.986	2341838.96	11.9353	P	0.7
8	☐	2000.000	1993.484	4410635.25	23.1886	P	0.8
9	☐			2864.78	0.0151	P	1.7

$$y = 0.0116 * x + 0.0017$$

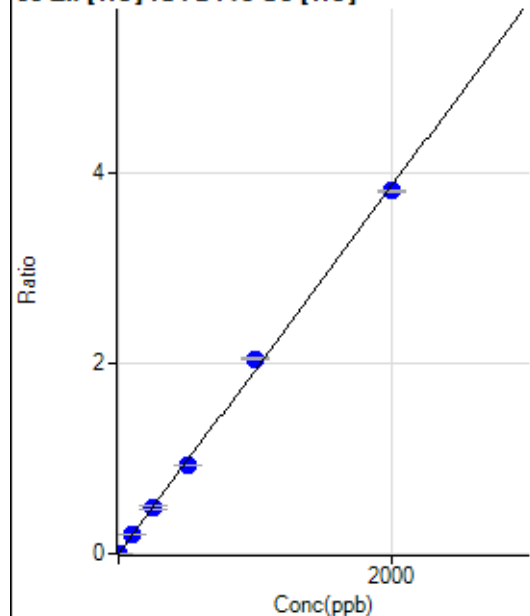
$$R = 0.9998$$

$$DL = 0.07035$$

$$BEC = 0.1479$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	162.23	0.0008	P	1.0
2	☐	0.200					
3	☐	2.000	2.420	1157.84	0.0054	P	8.1
4	☐	100.000	99.817	40339.15	0.1939	P	1.2
5	☐	250.000	251.621	98521.88	0.4876	P	7.1
6	☐	500.000	485.076	189061.38	0.9393	P	0.1
7	☐	1000.000	1057.929	401763.73	2.0476	P	1.0
8	☐	2000.000	1974.573	726796.99	3.8211	P	0.9
9	☐			4320.72	0.0228	P	1.3

$$y = 0.0019 * x + 7.6526E-004$$

$$R = 0.9994$$

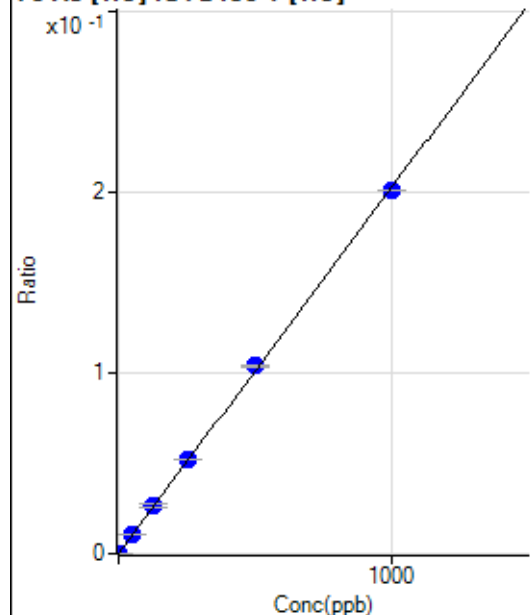
$$DL = 0.01153$$

$$BEC = 0.3955$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4.94	0.0000	P	22.1
2	☐	0.100					
3	☐	1.000	0.901	222.84	0.0002	P	2.1
4	☐	50.000	51.982	12313.92	0.0105	P	1.0
5	☐	125.000	131.686	30119.48	0.0266	P	5.8
6	☐	250.000	255.956	58654.56	0.0518	P	0.4
7	☐	500.000	512.570	114716.33	0.1037	P	0.5
8	☐	1000.000	991.292	215149.59	0.2006	P	0.1
9	☐			298.15	0.0003	P	5.9

$$y = 2.0232\text{E-}004 * x + 4.1442\text{E-}006$$

$$R = 0.9998$$

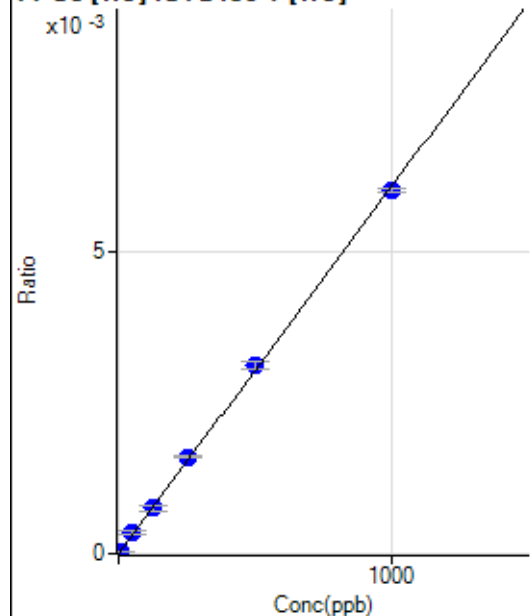
$$DL = 0.01359$$

$$BEC = 0.02048$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	3.971	28.89	0.0000	P	17.7
4	☐	50.000	58.045	413.34	0.0004	P	11.7
5	☐	125.000	124.387	853.37	0.0008	P	12.8
6	☐	250.000	263.407	1815.70	0.0016	P	2.8
7	☐	500.000	515.626	3471.59	0.0031	P	3.9
8	☐	1000.000	988.515	6454.89	0.0060	P	1.0
9	☐			3.33	0.0000	P	100.

$$y = 6.0869\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9997$$

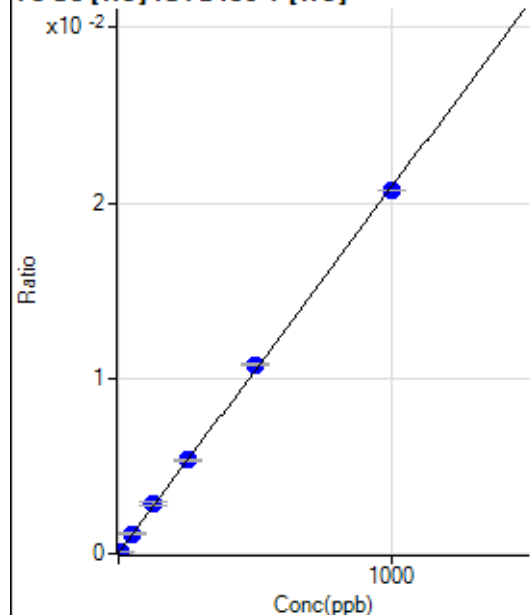
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	40.12	0.0000	P	28.5
2	☐	0.500					
3	☐	5.000	4.997	164.82	0.0001	P	11.9
4	☐	50.000	52.622	1324.15	0.0011	P	4.6
5	☐	125.000	133.409	3180.01	0.0028	P	9.0
6	☐	250.000	254.666	6055.64	0.0053	P	1.2
7	☐	500.000	515.373	11931.52	0.0108	P	1.8
8	☐	1000.000	989.965	22193.56	0.0207	P	0.0
9	☐			43.21	0.0000	P	18.0

$$y = 2.0864E-005 * x + 3.3662E-005$$

$$R = 0.9998$$

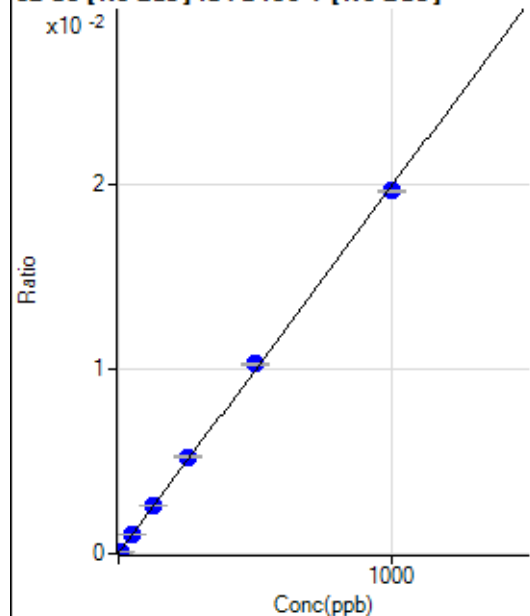
$$DL = 1.379$$

$$BEC = 1.613$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	130.95	0.0000	P	48.6
2	☐	0.500					
3	☐	5.000	4.459	795.23	0.0001	P	7.0
4	☐	50.000	53.260	7971.60	0.0011	P	0.9
5	☐	125.000	130.738	19289.08	0.0026	P	0.6
6	☐	250.000	263.664	37560.36	0.0053	P	0.6
7	☐	500.000	515.832	72022.72	0.0103	P	0.6
8	☐	1000.000	987.790	135795.55	0.0197	P	0.4
9	☐			82.26	0.0000	P	74.8

$$y = 1.9908E-005 * x + 1.7350E-005$$

$$R = 0.9997$$

$$DL = 1.271$$

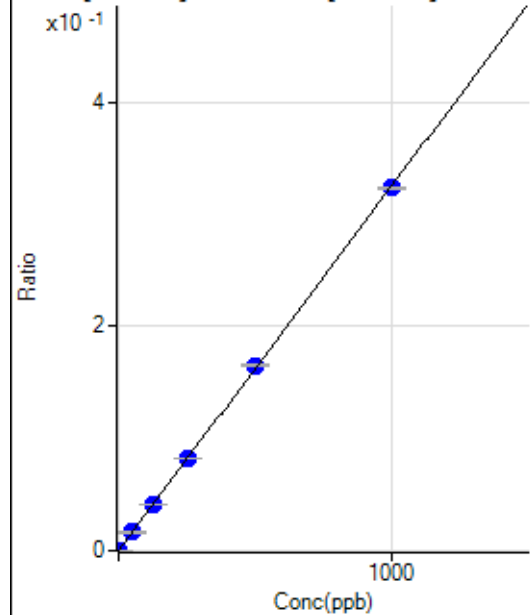
$$BEC = 0.8715$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			271.12		P	14.2
2	☐						
3	☐			323.34		P	2.7
4	☐			293.34		P	4.5
5	☐			290.01		P	5.7
6	☐			263.34		P	16.5
7	☐			253.34		P	25.2
8	☐			273.34		P	13.9
9	☐			314.45		P	12.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	436.14	0.0001	P	13.8
2	☐	0.100					
3	☐	1.000	0.943	2728.16	0.0004	P	6.3
4	☐	50.000	50.244	121166.46	0.0164	P	1.2
5	☐	125.000	125.144	299738.81	0.0407	P	0.8
6	☐	250.000	252.212	584799.81	0.0820	P	0.8
7	☐	500.000	507.699	1155246.30	0.1650	P	0.9
8	☐	1000.000	995.567	2231919.34	0.3235	P	0.3
9	☐			10298.52	0.0016	P	19.7

$$y = 3.2487E-004 * x + 5.7801E-005$$

$$R = 1.0000$$

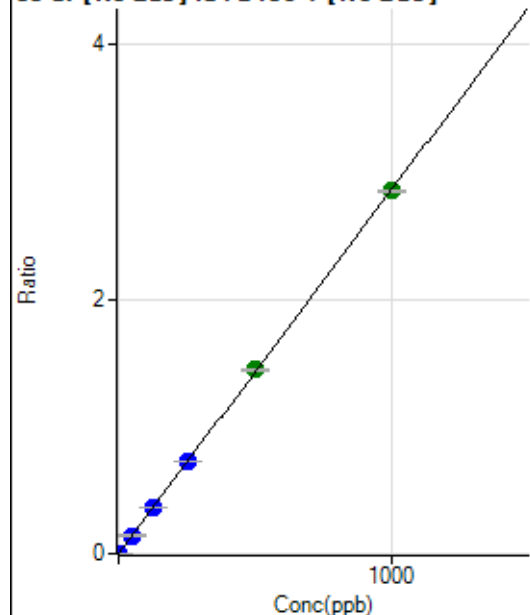
$$DL = 0.07366$$

$$BEC = 0.1779$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	91.67	0.0000	P	36.6
2	☐	0.100					
3	☐	1.000	0.885	19046.58	0.0025	P	2.2
4	☐	50.000	50.102	1058796.75	0.1431	P	0.5
5	☐	125.000	126.013	2650257.83	0.3600	P	0.7
6	☐	250.000	251.133	5116730.32	0.7174	P	0.0
7	☐	500.000	505.194	10104975.57	1.4432	A	0.4
8	☐	1000.000	996.988	19650364.15	2.8481	A	0.2
9	☐			79230.19	0.0122	P	0.2

$$y = 0.0029 * x + 1.2156E-005$$

$$R = 1.0000$$

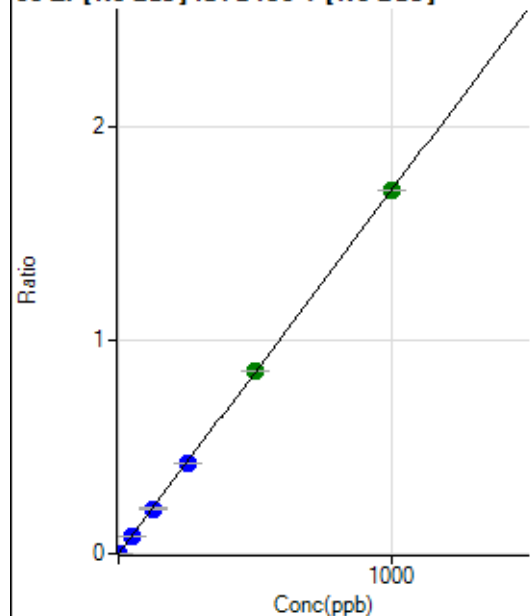
$$DL = 0.00467$$

$$BEC = 0.004255$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	561.15	0.0001	P	14.9
2	☐	0.100					
3	☐	1.000	0.840	11252.12	0.0015	P	5.0
4	☐	50.000	49.546	623122.53	0.0842	P	0.6
5	☐	125.000	124.168	1553385.34	0.2110	P	0.8
6	☐	250.000	248.329	3009150.91	0.4219	P	0.5
7	☐	500.000	503.879	5993686.81	0.8560	A	0.3
8	☐	1000.000	998.605	11704338.98	1.6964	A	0.1
9	☐			3467.24	0.0005	P	9.7

$$y = 0.0017 * x + 7.4345E-005$$

$$R = 1.0000$$

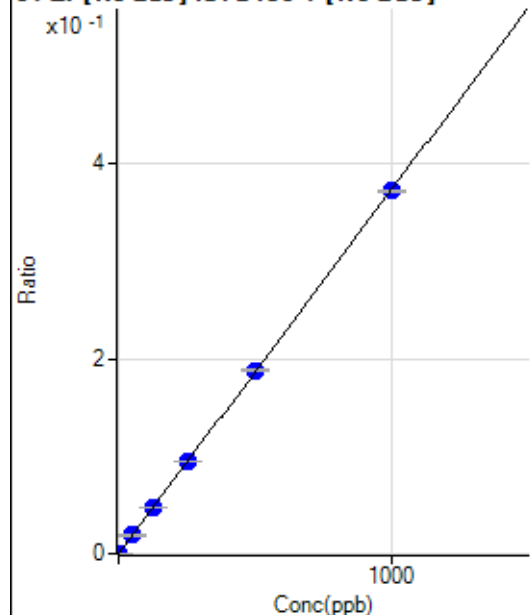
$$DL = 0.01958$$

$$BEC = 0.04377$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	130.56	0.0000	P	22.8
2	☐	0.100					
3	☐	1.000	0.891	2622.58	0.0003	P	1.6
4	☐	50.000	50.159	138559.01	0.0187	P	1.5
5	☐	125.000	126.102	346495.81	0.0471	P	0.7
6	☐	250.000	253.407	674429.11	0.0946	P	0.7
7	☐	500.000	504.379	1317704.71	0.1882	P	0.7
8	☐	1000.000	996.813	2566032.27	0.3719	P	0.5
9	☐			786.17	0.0001	P	7.3

$$y = 3.7309\text{E-}004 * x + 1.7311\text{E-}005$$

$$R = 1.0000$$

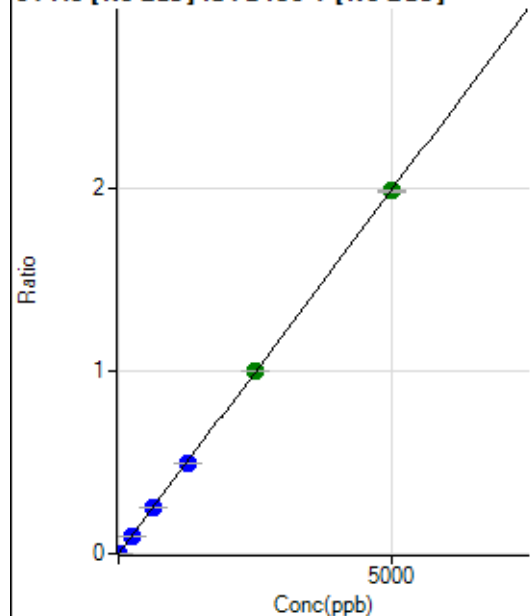
$$DL = 0.03178$$

$$BEC = 0.0464$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	258.35	0.0000	P	22.1
2	☐	0.500					
3	☐	5.000	4.430	13481.84	0.0018	P	1.8
4	☐	250.000	248.504	732445.95	0.0990	P	0.4
5	☐	625.000	625.057	1833204.36	0.2490	P	0.2
6	☐	1250.000	1254.758	3564821.70	0.4998	P	0.2
7	☐	2500.000	2517.657	7021680.62	1.0029	A	0.6
8	☐	5000.000	4990.051	13713574.09	1.9876	A	0.4
9	☐			5192.81	0.0008	P	10.3

$$y = 3.9832\text{E-}004 * x + 3.4207\text{E-}005$$

$$R = 1.0000$$

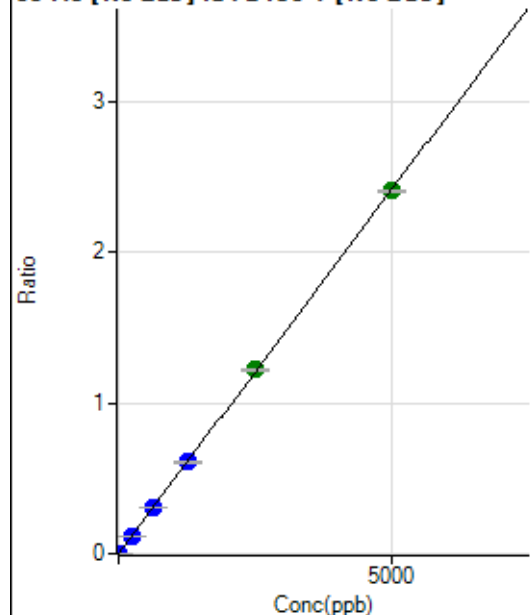
$$DL = 0.05703$$

$$BEC = 0.08588$$

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	69.45	0.0000	P	42.2
2	☐	0.500					
3	☐	5.000	4.664	16919.04	0.0023	P	2.8
4	☐	250.000	248.484	886087.90	0.1198	P	0.3
5	☐	625.000	625.905	2221336.46	0.3017	P	0.5
6	☐	1250.000	1255.698	4317145.45	0.6053	P	0.2
7	☐	2500.000	2524.718	8521184.22	1.2170	A	0.6
8	☐	5000.000	4986.179	16582973.46	2.4036	A	0.6
9	☐			6687.98	0.0010	P	4.3

$$y = 4.8204\text{E-}004 * x + 9.1991\text{E-}006$$

$$R = 1.0000$$

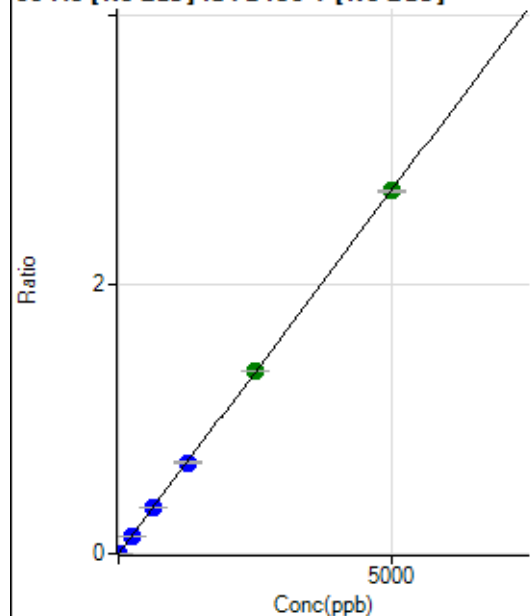
$$DL = 0.02414$$

$$BEC = 0.01908$$

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	111.12	0.0000	P	45.4
2	☐	0.500					
3	☐	5.000	4.580	18607.21	0.0025	P	2.0
4	☐	250.000	248.267	989744.61	0.1338	P	0.3
5	☐	625.000	627.024	2487705.09	0.3379	P	0.5
6	☐	1250.000	1256.102	4827823.89	0.6769	P	0.9
7	☐	2500.000	2510.902	9473894.22	1.3531	A	0.7
8	☐	5000.000	4992.857	18563331.67	2.6906	A	0.6
9	☐			10304.13	0.0016	P	3.5

$$y = 5.3888\text{E-}004 * x + 1.4726\text{E-}005$$

$$R = 1.0000$$

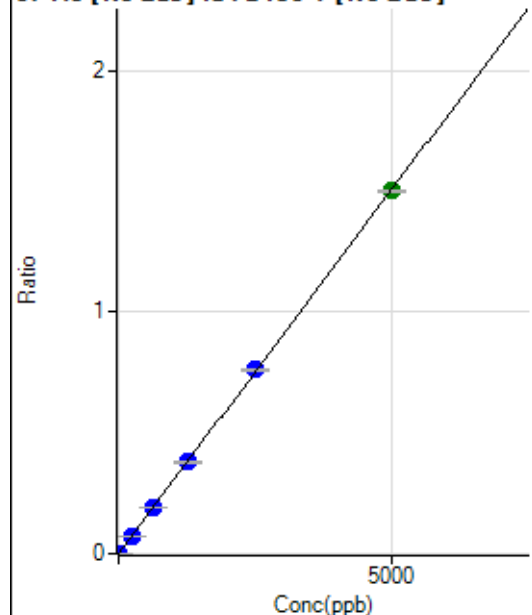
$$DL = 0.03721$$

$$BEC = 0.02733$$

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	47.22	0.0000	P	27.1
2	☐	0.500					
3	☐	5.000	4.475	10145.66	0.0014	P	2.5
4	☐	250.000	249.158	555056.96	0.0750	P	0.4
5	☐	625.000	629.195	1394999.17	0.1895	P	0.9
6	☐	1250.000	1258.020	2701969.51	0.3788	P	1.1
7	☐	2500.000	2524.328	5322526.42	0.7602	P	0.3
8	☐	5000.000	4985.349	10357936.34	1.5013	A	0.4
9	☐			3847.91	0.0006	P	4.8

$$y = 3.0114\text{E-}004 * x + 6.2575\text{E-}006$$

$$R = 1.0000$$

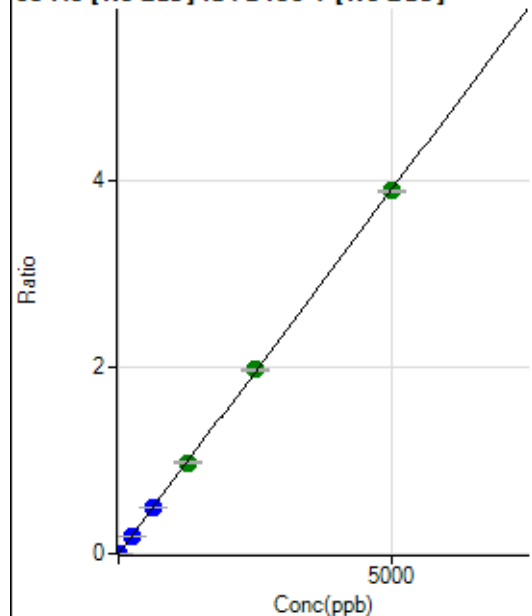
$$DL = 0.01687$$

$$BEC = 0.02078$$

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	94.45	0.0000	P	13.9
2	☐	0.500					
3	☐	5.000	4.557	26731.52	0.0036	P	0.8
4	☐	250.000	248.851	1435804.98	0.1941	P	0.2
5	☐	625.000	626.058	3594966.44	0.4883	P	0.4
6	☐	1250.000	1250.059	6953814.39	0.9750	A	0.9
7	☐	2500.000	2526.019	13794604.99	1.9702	A	0.4
8	☐	5000.000	4986.901	26835578.38	3.8895	A	0.3
9	☐			9842.70	0.0015	P	4.5

$$y = 7.7995\text{E-}004 * x + 1.2519\text{E-}005$$

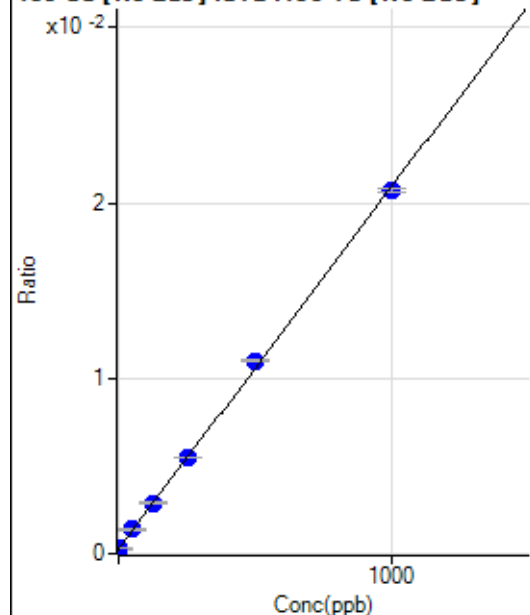
$$R = 1.0000$$

$$DL = 0.006692$$

$$BEC = 0.01605$$

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	2911.53	0.0003	P	5.1
2	☐	0.100					
3	☐	1.000	1.814	3261.63	0.0003	P	9.1
4	☐	50.000	53.778	14655.43	0.0014	P	2.9
5	☐	125.000	127.518	31018.16	0.0029	P	2.1
6	☐	250.000	252.070	57888.67	0.0055	P	0.1
7	☐	500.000	520.119	114980.56	0.0110	P	0.6
8	☐	1000.000	988.918	216256.39	0.0207	P	1.2
9	☐			2667.04	0.0003	P	3.6

$$y = 2.0653\text{E-}005 * x + 2.6998\text{E-}004$$

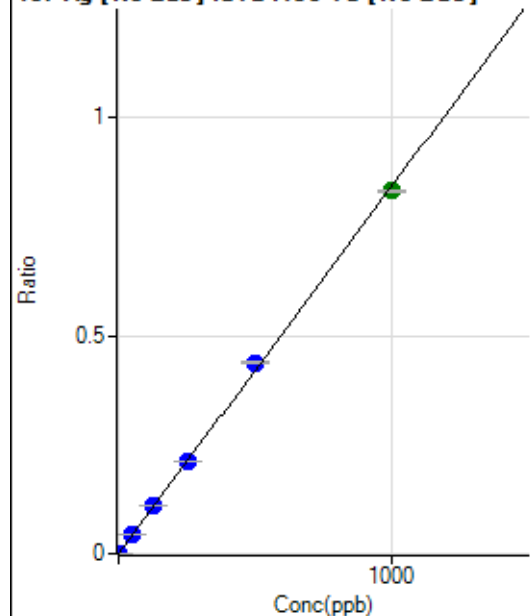
$$R = 0.9997$$

$$DL = 2.004$$

$$BEC = 13.07$$

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	102.78	0.0000	P	9.5
2	☐	0.100					
3	☐	1.000	0.995	8992.12	0.0008	P	1.8
4	☐	50.000	52.453	469055.90	0.0442	P	1.2
5	☐	125.000	129.381	1164226.64	0.1090	P	0.2
6	☐	250.000	252.626	2249457.39	0.2128	P	0.7
7	☐	500.000	520.314	4576011.17	0.4383	P	0.5
8	☐	1000.000	988.516	8700869.73	0.8326	A	0.6
9	☐			775.06	0.0001	P	19.0

$$y = 8.4227\text{E-}004 * x + 9.5327\text{E-}006$$

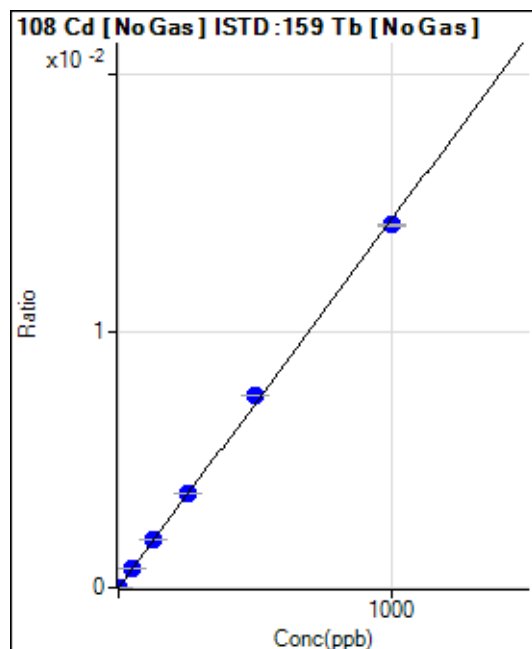
$$R = 0.9997$$

$$DL = 0.003242$$

$$BEC = 0.01132$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9.72	0.0000	P	49.7
2	☐	0.100					
3	☐	1.000	0.777	127.78	0.0000	P	16.1
4	☐	50.000	53.493	8155.26	0.0008	P	3.2
5	☐	125.000	130.050	19940.68	0.0019	P	2.0
6	☐	250.000	256.700	38944.03	0.0037	P	0.7
7	☐	500.000	522.818	78328.96	0.0075	P	0.4
8	☐	1000.000	986.110	147855.99	0.0141	P	0.5
9	☐			29.17	0.0000	P	49.7

$$y = 1.4347\text{E-}005 * x + 9.0270\text{E-}007$$

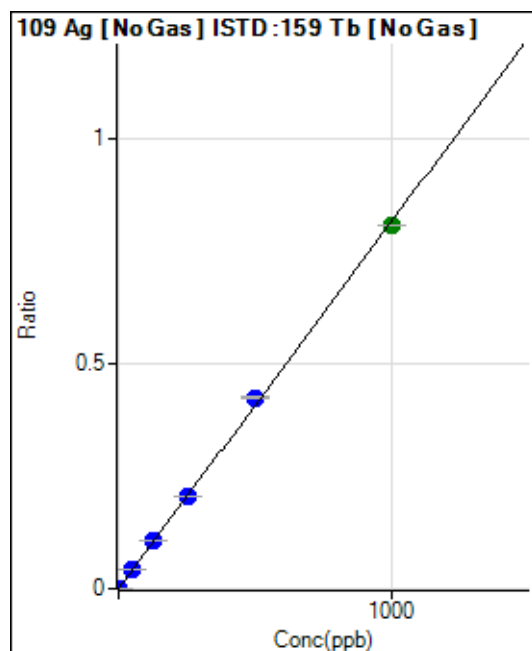
$$R = 0.9996$$

$$DL = 0.09372$$

$$BEC = 0.06292$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.23	0.0000	P	20.9
2	☐	0.100					
3	☐	1.000	0.967	8400.09	0.0008	P	3.7
4	☐	50.000	52.190	451391.98	0.0425	P	0.8
5	☐	125.000	129.282	1125225.03	0.1053	P	0.5
6	☐	250.000	251.756	2168315.61	0.2051	P	0.5
7	☐	500.000	520.925	4431463.25	0.4244	P	0.2
8	☐	1000.000	988.454	8415773.10	0.8053	A	0.1
9	☐			850.06	0.0001	P	10.4

$$y = 8.1471\text{E-}004 * x + 4.3827\text{E-}006$$

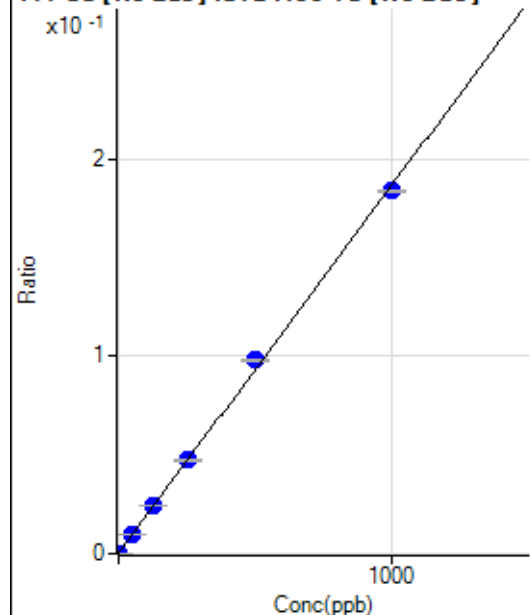
$$R = 0.9997$$

$$DL = 0.00338$$

$$BEC = 0.005379$$

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	2043.77	0.0002	P	5.1
2	☐	0.100					
3	☐	1.000	0.997	3981.34	0.0004	P	5.1
4	☐	50.000	52.473	105853.87	0.0100	P	0.5
5	☐	125.000	129.836	260601.90	0.0244	P	0.8
6	☐	250.000	253.400	501396.98	0.0474	P	0.9
7	☐	500.000	525.122	1024177.82	0.0981	P	0.3
8	☐	1000.000	985.861	1922653.28	0.1840	P	0.6
9	☐			2128.46	0.0002	P	2.1

$$y = 1.8643\text{E-}004 * x + 1.8952\text{E-}004$$

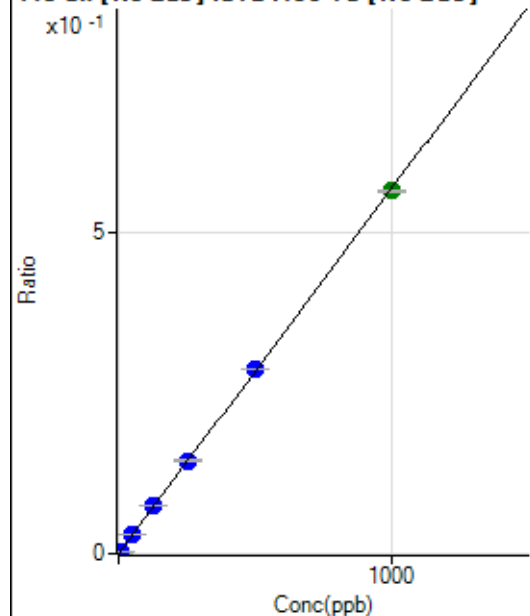
$$R = 0.9995$$

$$DL = 0.1551$$

$$BEC = 1.017$$

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	438.91	0.0000	P	11.4
2	☐	0.500					
3	☐	5.000	4.999	30467.25	0.0029	P	2.0
4	☐	50.000	51.785	311819.09	0.0294	P	0.2
5	☐	125.000	129.949	786766.98	0.0736	P	0.5
6	☐	250.000	255.342	1529504.07	0.1447	P	0.3
7	☐	500.000	507.474	3001920.45	0.2875	P	0.3
8	☐	1000.000	994.220	5885768.58	0.5632	A	0.2
9	☐			2041.91	0.0002	P	2.3

$$y = 5.6644\text{E-}004 * x + 4.0710\text{E-}005$$

$$R = 0.9999$$

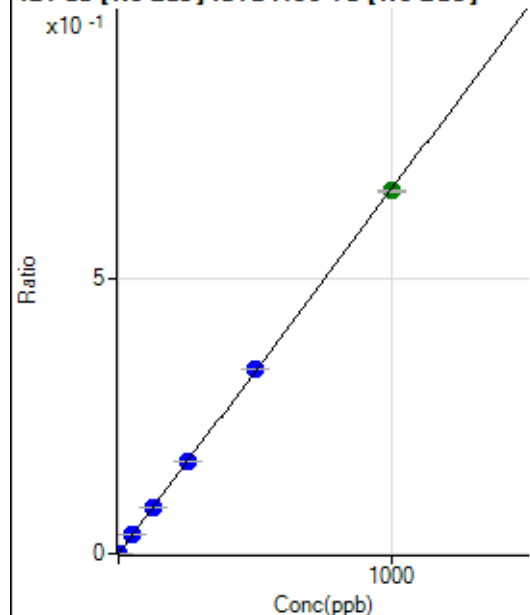
$$DL = 0.02458$$

$$BEC = 0.07187$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	127.78	0.0000	P	22.6
2	☐	0.200					
3	☐	2.000	1.724	12247.47	0.0012	P	1.1
4	☐	50.000	51.316	361163.76	0.0340	P	0.4
5	☐	125.000	128.702	911362.64	0.0853	P	0.3
6	☐	250.000	253.486	1776252.19	0.1680	P	0.4
7	☐	500.000	506.569	3505833.32	0.3358	P	0.4
8	☐	1000.000	995.316	6893964.56	0.6597	A	0.4
9	☐			9459.13	0.0010	P	2.9

$$y = 6.6278\text{E-}004 * x + 1.1843\text{E-}005$$

$$R = 1.0000$$

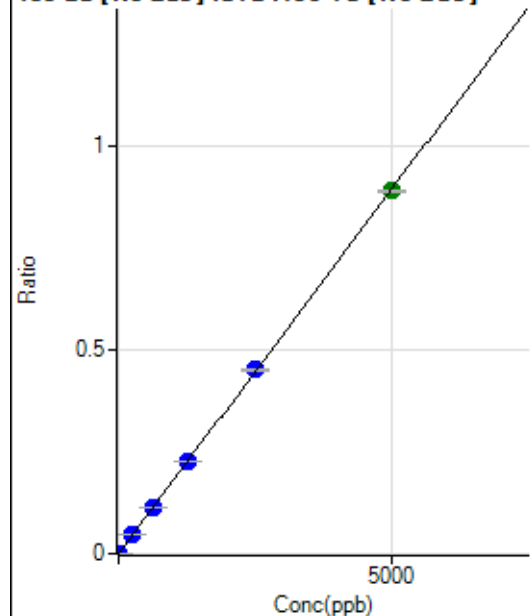
$$DL = 0.0121$$

$$BEC = 0.01787$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.33	0.0000	P	99.7
2	☐	1.000					
3	☐	10.000	9.276	17584.03	0.0017	P	1.5
4	☐	250.000	254.430	482455.02	0.0455	P	1.2
5	☐	625.000	640.971	1223157.65	0.1145	P	0.5
6	☐	1250.000	1262.389	2384003.85	0.2255	P	0.5
7	☐	2500.000	2527.662	4714689.95	0.4515	P	0.6
8	☐	5000.000	4980.855	9298081.89	0.8898	A	0.6
9	☐			1308.45	0.0001	P	4.9

$$y = 1.7863\text{E-}004 * x + 7.7232\text{E-}007$$

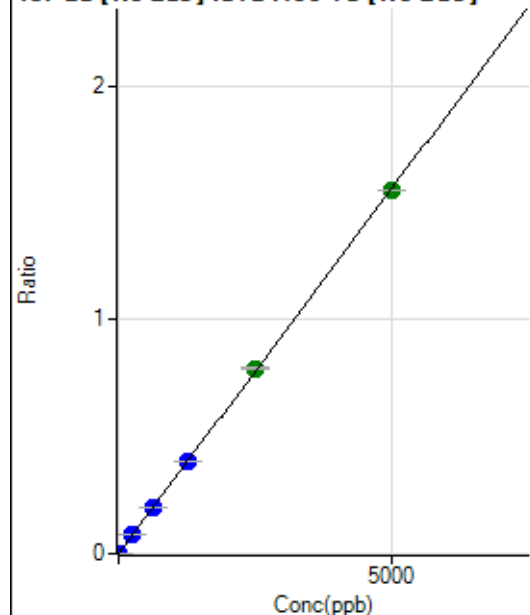
$$R = 1.0000$$

$$DL = 0.01293$$

$$BEC = 0.004323$$

Weight: <None>

Min Conc: 0

¹³⁷Ba [No Gas] ISTD : ¹⁵⁹Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	17.1
2	☐	1.000					
3	☐	10.000	9.293	30743.14	0.0029	P	0.8
4	☐	250.000	255.680	845805.98	0.0797	P	1.0
5	☐	625.000	638.273	2124884.84	0.1989	P	0.6
6	☐	1250.000	1261.676	4156554.82	0.3932	P	0.4
7	☐	2500.000	2543.589	8276659.56	0.7927	A	0.4
8	☐	5000.000	4973.345	16196514.42	1.5498	A	0.1
9	☐			2316.98	0.0002	P	10.8

$$y = 3.1163\text{E-}004 * x + 2.5753\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.004245$$

$$BEC = 0.008264$$

Weight: <None>

Min Conc: 0

¹⁵⁰Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			0.00		P	
2	☐						
3	☐			6.67		P	100.
4	☐			53.34		P	37.5
5	☐			95.56		P	31.5
6	☐			222.23		P	21.3
7	☐			508.92		P	9.7
8	☐			766.72		P	7.1
9	☐			124.45		P	16.4

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			1.11		P	173.
4	☐			7.78		P	49.5
5	☐			17.78		P	39.0
6	☐			30.00		P	50.9
7	☐			71.11		P	31.2
8	☐			80.00		P	12.5
9	☐			64.45		P	30.3

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	86.6
2	☐						
3	☐			5.56		P	173.
4	☐			11.11		P	114.
5	☐			41.67		P	52.9
6	☐			41.67		P	40.0
7	☐			127.79		P	55.5
8	☐			130.56		P	35.2
9	☐			63.89		P	86.8

156 Dy [He] No available calibration points

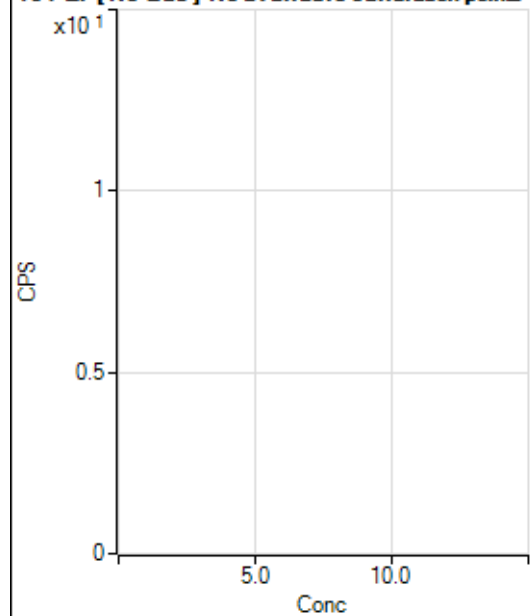
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	91.6
2	☐						
3	☐			5.55		P	69.3
4	☐			15.55		P	24.8
5	☐			28.89		P	24.0
6	☐			60.00		P	33.8
7	☐			130.00		P	9.2
8	☐			168.89		P	6.0
9	☐			32.22		P	15.8

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.56		P	56.8
2	☐						
3	☐			41.67		P	34.6
4	☐			58.33		P	37.8
5	☐			44.45		P	10.8
6	☐			44.44		P	21.7
7	☐			141.67		P	21.2
8	☐			52.78		P	9.1
9	☐			77.78		P	68.9

160 Gd [He] No available calibration points

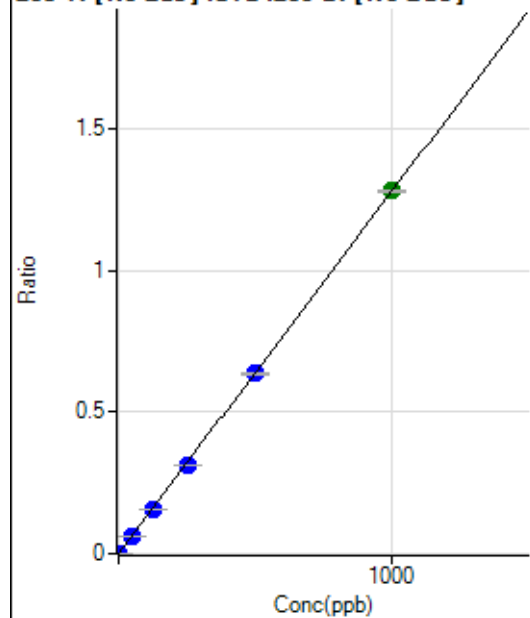
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			141.12		P	16.6
2	☐						
3	☐			121.11		P	15.7
4	☐			128.89		P	20.9
5	☐			163.34		P	12.7
6	☐			141.11		P	3.6
7	☐			150.00		P	13.3
8	☐			137.78		P	5.0
9	☐			137.78		P	11.9

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.11		P	13.3
2	☐						
3	☐			44.45		P	28.7
4	☐			25.00		P	66.7
5	☐			50.00		P	60.1
6	☐			30.56		P	63.0
7	☐			41.67		P	20.0
8	☐			61.11		P	15.7
9	☐			50.00		P	28.9

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	40.0
2	☐						
3	☐			26.67		P	12.5
4	☐			20.00		P	44.1
5	☐			32.22		P	12.0
6	☐			26.67		P	33.1
7	☐			31.11		P	34.4
8	☐			22.22		P	31.2
9	☐			23.34		P	24.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	136.12	0.0000	P	33.4
2	☐	0.100					
3	☐	1.000	0.832	7838.75	0.0011	P	1.5
4	☐	50.000	48.431	445494.82	0.0619	P	0.7
5	☐	125.000	122.217	1130363.26	0.1561	P	0.7
6	☐	250.000	245.420	2240456.45	0.3135	P	0.7
7	☐	500.000	497.359	4424489.34	0.6353	P	0.4
8	☐	1000.000	1002.892	8830254.80	1.2809	A	0.4
9	☐			1377.92	0.0002	P	8.5

$$y = 0.0013 * x + 1.8253E-005$$

$$R = 1.0000$$

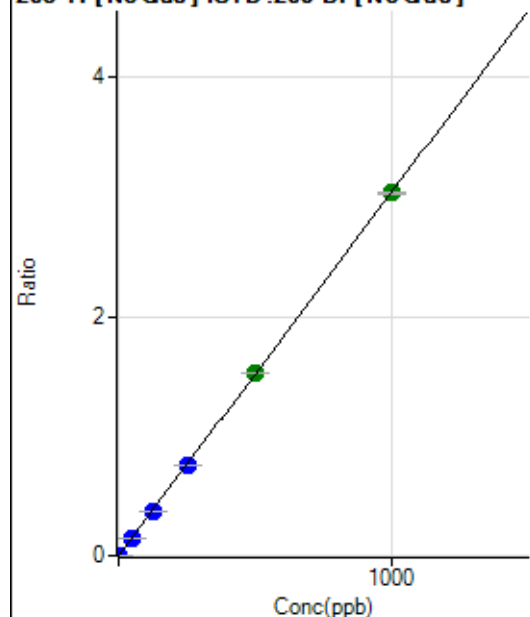
$$DL = 0.01433$$

$$BEC = 0.01429$$

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	341.69	0.0000	P	14.3
2	☐	0.100					
3	☐	1.000	0.828	18555.24	0.0026	P	2.5
4	☐	50.000	48.904	1069100.07	0.1485	P	0.2
5	☐	125.000	123.844	2722156.92	0.3760	P	0.5
6	☐	250.000	249.230	5407276.99	0.7566	P	0.7
7	☐	500.000	503.579	10646729.84	1.5286	A	0.1
8	☐	1000.000	998.602	20895732.41	3.0312	A	0.8
9	☐			3228.31	0.0005	P	7.2

$$y = 0.0030 * x + 4.5850E-005$$

$$R = 1.0000$$

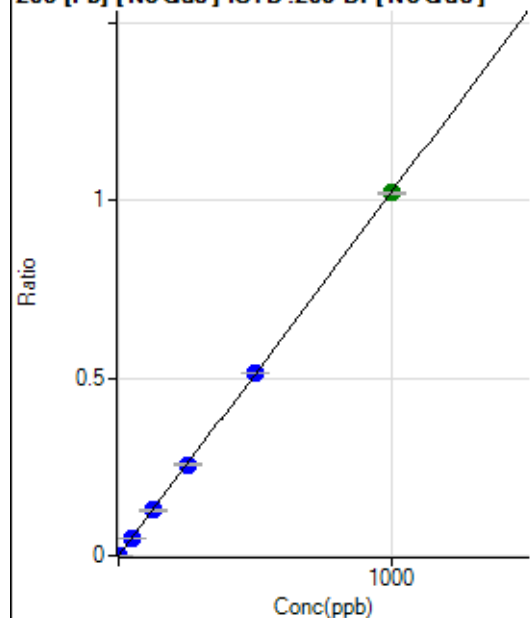
$$DL = 0.006491$$

$$BEC = 0.0151$$

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	305.57	0.0000	P	6.2
2	☐	0.100					
3	☐	1.000	0.898	6957.58	0.0010	P	2.3
4	☐	50.000	49.308	363215.94	0.0504	P	0.1
5	☐	125.000	124.700	923291.43	0.1275	P	0.7
6	☐	250.000	250.977	1834011.62	0.2566	P	0.4
7	☐	500.000	503.418	3584632.05	0.5147	P	0.3
8	☐	1000.000	998.119	7034057.86	1.0204	A	0.7
9	☐			5427.20	0.0009	P	3.6

$$y = 0.0010 * x + 4.1008E-005$$

$$R = 1.0000$$

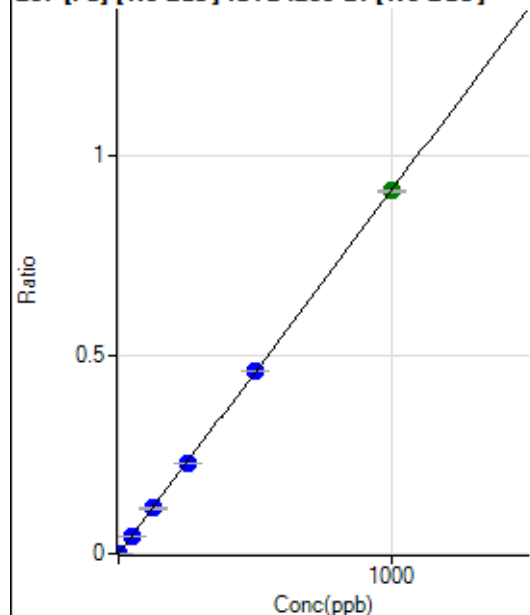
$$DL = 0.007417$$

$$BEC = 0.04011$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	237.05	0.0000	P	11.6
2	☐	0.100					
3	☐	1.000	0.837	5777.33	0.0008	P	1.5
4	☐	50.000	49.412	325182.67	0.0452	P	0.5
5	☐	125.000	124.604	824298.33	0.1138	P	0.5
6	☐	250.000	249.586	1629586.70	0.2280	P	0.3
7	☐	500.000	503.559	3203767.35	0.4600	P	0.0
8	☐	1000.000	998.403	6286907.43	0.9120	A	0.5
9	☐			4639.84	0.0008	P	5.8

$$y = 9.1341\text{E-}004 * x + 3.1829\text{E-}005$$

$$R = 1.0000$$

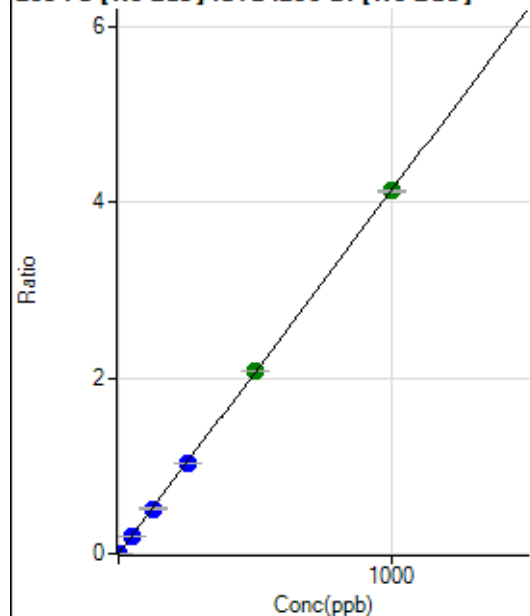
$$DL = 0.01212$$

$$BEC = 0.03485$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1227.84	0.0002	P	3.0
2	☐	0.100					
3	☐	1.000	0.862	27015.22	0.0037	P	1.5
4	☐	50.000	49.170	1463101.83	0.2032	P	0.1
5	☐	125.000	124.227	3715514.86	0.5132	P	0.5
6	☐	250.000	249.711	7371179.91	1.0313	P	0.5
7	☐	500.000	503.018	14468697.26	2.0774	A	0.3
8	☐	1000.000	998.701	28431528.12	4.1243	A	0.2
9	☐			21225.72	0.0035	P	2.3

$$y = 0.0041 * x + 1.6482\text{E-}004$$

$$R = 1.0000$$

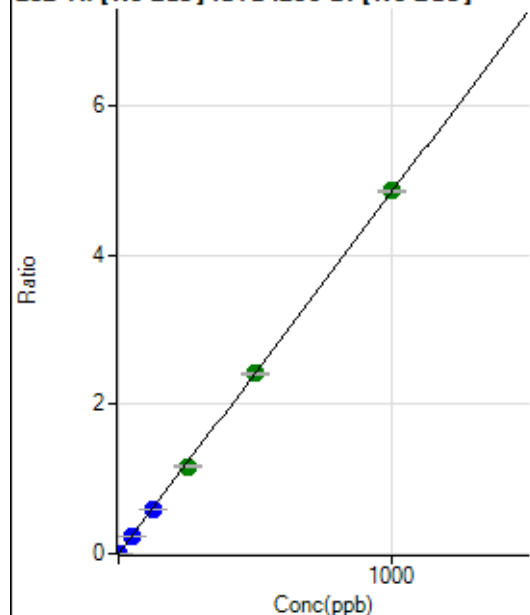
$$DL = 0.003645$$

$$BEC = 0.03991$$

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	200.01	0.0000	P	29.9
2	☐	0.100					
3	☐	1.000	0.773	27353.17	0.0038	P	0.3
4	☐	50.000	46.732	1628669.15	0.2262	P	0.5
5	☐	125.000	120.022	4206207.82	0.5809	P	0.4
6	☐	250.000	241.767	8363396.42	1.1702	A	0.7
7	☐	500.000	497.632	16775315.66	2.4085	A	0.3
8	☐	1000.000	1004.028	33499549.13	4.8595	A	0.4
9	☐			4386.06	0.0007	P	7.7

$$y = 0.0048 * x + 2.6872E-005$$

$$R = 1.0000$$

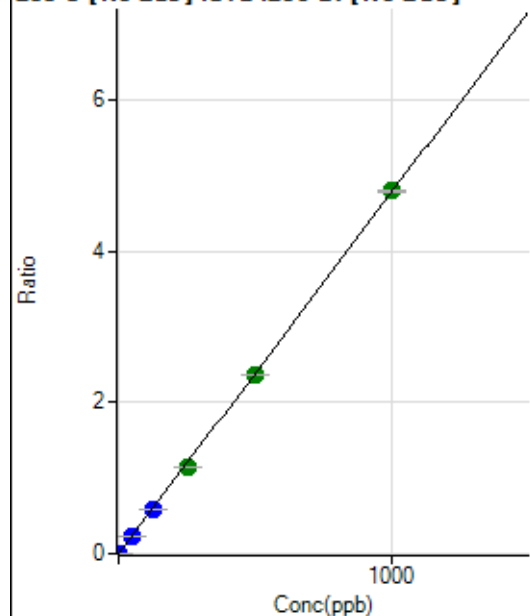
$$DL = 0.004983$$

$$BEC = 0.005552$$

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	86.12	0.0000	P	33.6
2	☐	0.100					
3	☐	1.000	0.805	27978.23	0.0039	P	1.0
4	☐	50.000	46.831	1609804.81	0.2236	P	0.8
5	☐	125.000	120.886	4178766.67	0.5771	P	0.3
6	☐	250.000	241.842	8252156.26	1.1546	A	0.3
7	☐	500.000	496.338	16504062.69	2.3696	A	0.4
8	☐	1000.000	1004.543	33060812.54	4.7959	A	0.4
9	☐			2711.53	0.0005	P	16.0

$$y = 0.0048 * x + 1.1551E-005$$

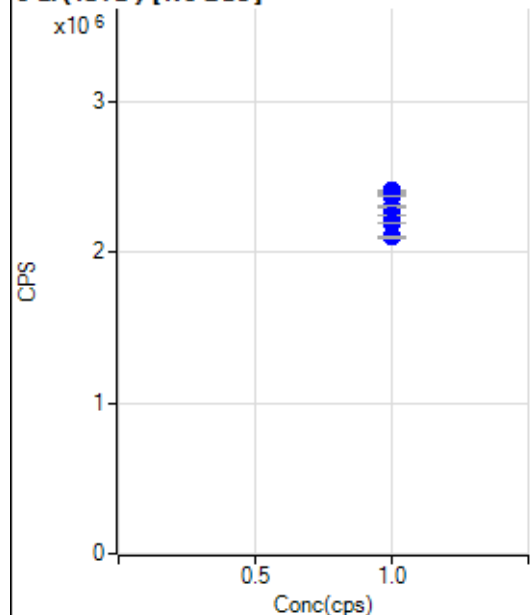
$$R = 1.0000$$

$$DL = 0.002438$$

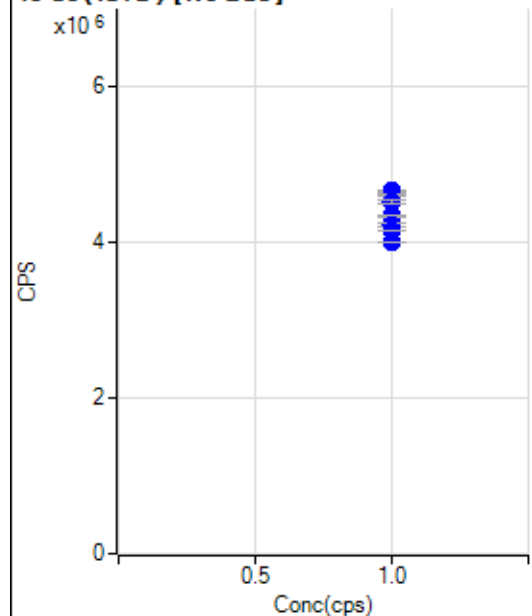
$$BEC = 0.002419$$

Weight: <None>

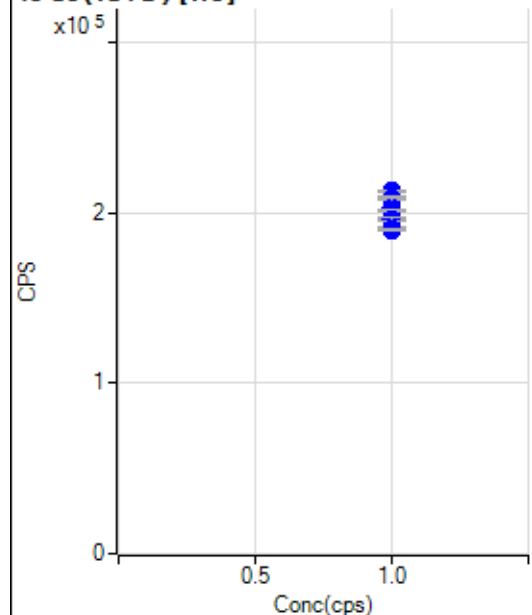
Min Conc: 0

6 Li (ISTD) [No Gas]

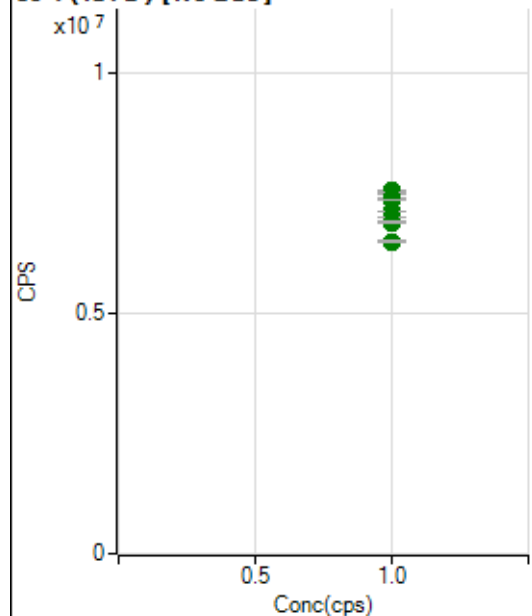
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2390487.69		P	0.3
2	☐	1.000					
3	☐	1.000		2407721.53		P	0.4
4	☐	1.000		2389668.04		P	0.1
5	☐	1.000		2373978.74		P	0.3
6	☐	1.000		2303238.36		P	0.3
7	☐	1.000		2246299.97		P	0.5
8	☐	1.000		2193671.98		P	0.4
9	☐	1.000		2101289.27		P	0.8

45 Sc (ISTD) [No Gas]

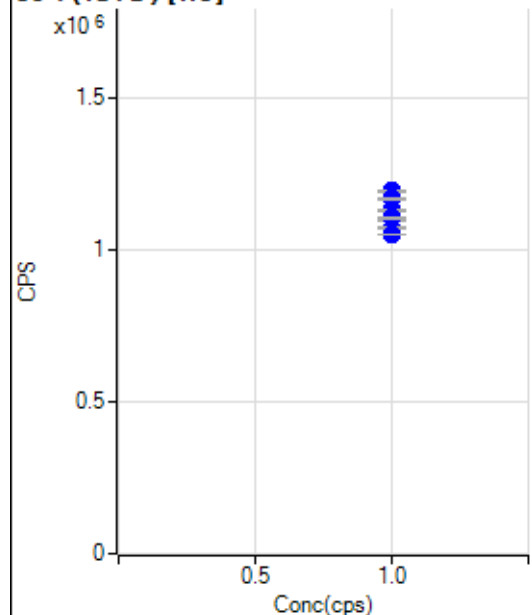
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4658125.02		P	0.1
2	☐	1.000					
3	☐	1.000		4635364.86		P	0.2
4	☐	1.000		4603894.85		P	0.6
5	☐	1.000		4520282.87		P	0.9
6	☐	1.000		4337230.83		P	0.2
7	☐	1.000		4229711.12		P	1.1
8	☐	1.000		4148796.27		P	0.3
9	☐	1.000		4000044.75		P	0.5

45 Sc (ISTD) [He]

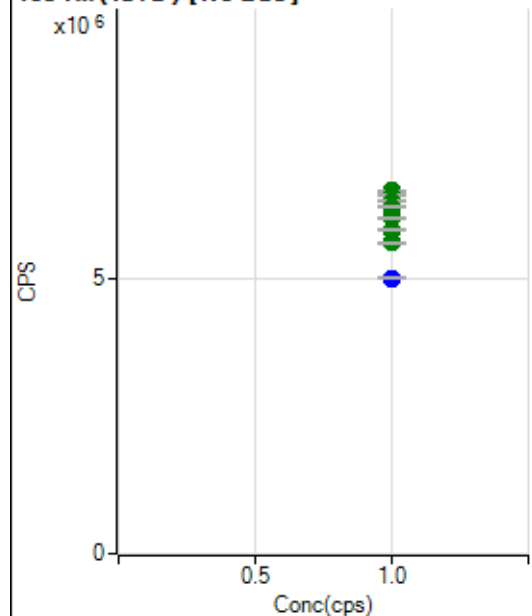
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		211986.66		P	0.4
2	☐	1.000					
3	☐	1.000		212592.45		P	0.4
4	☐	1.000		208060.97		P	0.5
5	☐	1.000		202668.71		P	6.4
6	☐	1.000		201285.72		P	0.2
7	☐	1.000		196219.89		P	0.9
8	☐	1.000		190219.66		P	1.2
9	☐	1.000		189789.76		P	0.8

89 Y (ISTD) [No Gas]

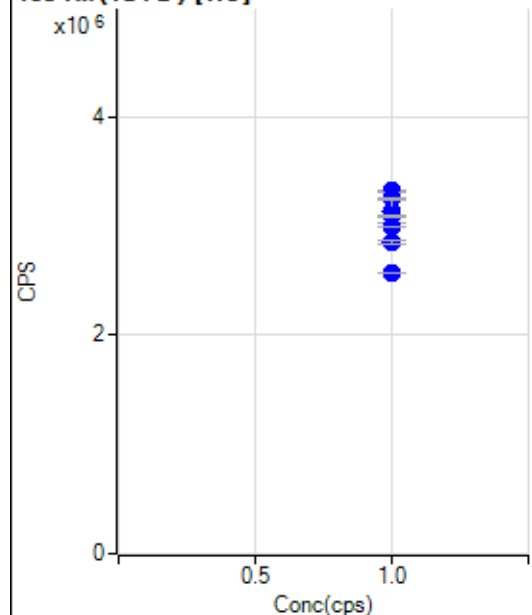
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7547410.37		A	0.5
2	☐	1.000					
3	☐	1.000		7494785.51		A	0.4
4	☐	1.000		7397123.29		A	0.3
5	☐	1.000		7362148.02		A	0.5
6	☐	1.000		7132153.71		A	0.1
7	☐	1.000		7001780.73		A	0.5
8	☐	1.000		6899476.28		A	0.4
9	☐	1.000		6497221.98		A	0.4

89 Y(ISTD) [He]

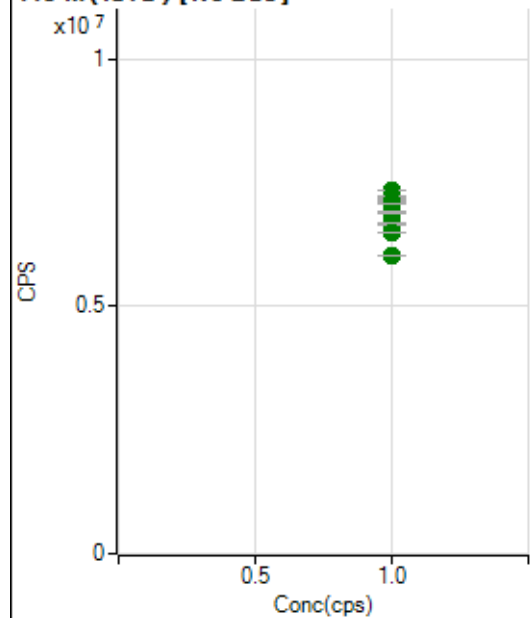
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1192803.43		P	0.5
2	☐	1.000					
3	☐	1.000		1195098.17		P	0.2
4	☐	1.000		1170423.16		P	0.7
5	☐	1.000		1133046.69		P	6.3
6	☐	1.000		1132574.43		P	0.7
7	☐	1.000		1106172.12		P	0.2
8	☐	1.000		1072744.92		P	0.7
9	☐	1.000		1050467.38		P	0.2

103 Rh(ISTD) [No Gas]

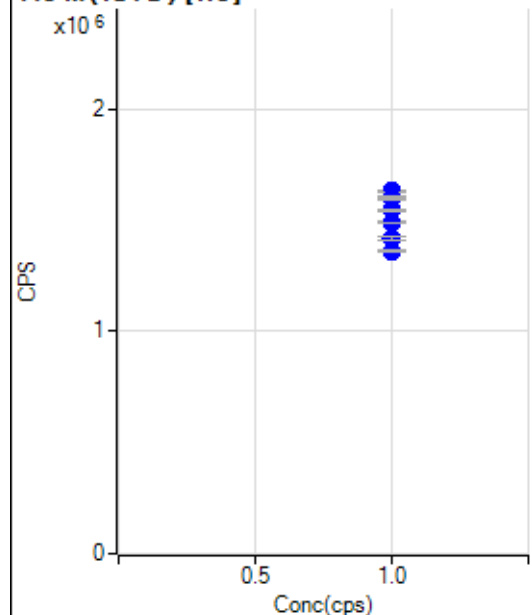
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6617806.88		A	0.8
2	☐	1.000					
3	☐	1.000		6535917.07		A	0.3
4	☐	1.000		6434395.46		A	0.5
5	☐	1.000		6314754.74		A	0.5
6	☐	1.000		6121539.46		A	0.3
7	☐	1.000		5897601.22		A	0.6
8	☐	1.000		5672099.39		A	0.9
9	☐	1.000		5023466.13		P	0.6

103 Rh (ISTD) [He]

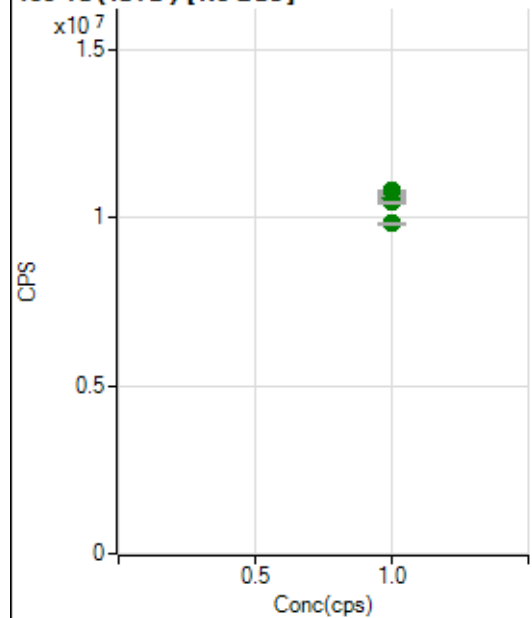
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3317385.16		P	0.5
2	☐	1.000					
3	☐	1.000		3310121.06		P	0.1
4	☐	1.000		3245939.67		P	0.2
5	☐	1.000		3135758.46		P	6.7
6	☐	1.000		3087589.68		P	0.5
7	☐	1.000		2991734.19		P	0.4
8	☐	1.000		2849272.32		P	0.8
9	☐	1.000		2563475.01		P	0.2

115 In (ISTD) [No Gas]

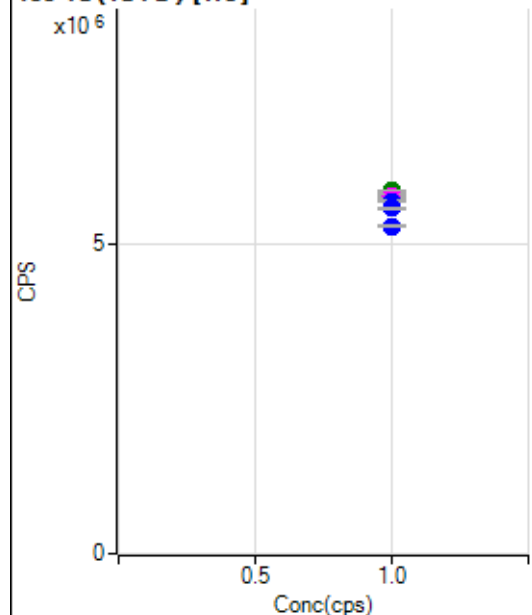
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7338113.65		A	0.1
2	☐	1.000					
3	☐	1.000		7222658.45		A	0.7
4	☐	1.000		7133760.20		A	0.3
5	☐	1.000		7076989.82		A	0.5
6	☐	1.000		6899645.23		A	0.1
7	☐	1.000		6683359.33		A	0.4
8	☐	1.000		6508036.96		A	0.2
9	☐	1.000		6038491.60		A	0.2

115 In (ISTD) [He]

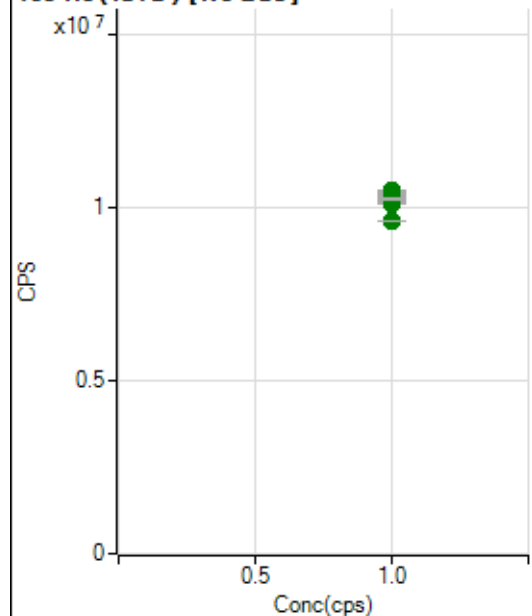
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1632944.26		P	0.4
2	☐	1.000					
3	☐	1.000		1630243.25		P	0.1
4	☐	1.000		1600855.54		P	0.7
5	☐	1.000		1548105.45		P	6.8
6	☐	1.000		1545490.74		P	0.6
7	☐	1.000		1489447.08		P	0.2
8	☐	1.000		1422066.83		P	1.0
9	☐	1.000		1362664.47		P	0.2

159 Tb (ISTD) [No Gas]

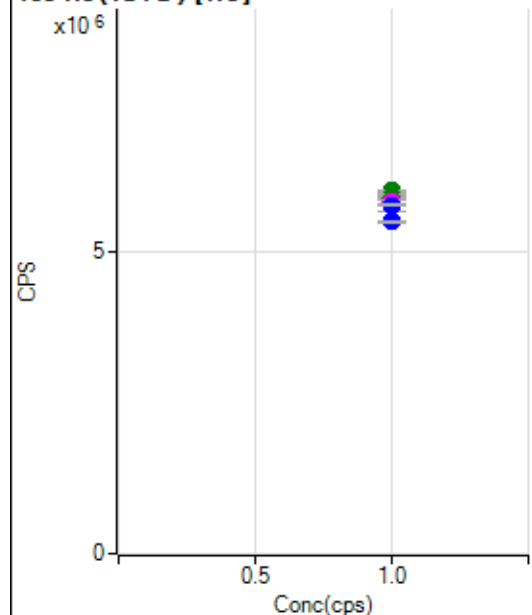
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10783641.92		A	0.5
2	☐	1.000					
3	☐	1.000		10606486.99		A	0.3
4	☐	1.000		10615323.18		A	0.6
5	☐	1.000		10682610.26		A	0.4
6	☐	1.000		10571640.12		A	0.6
7	☐	1.000		10441566.44		A	0.2
8	☐	1.000		10450413.87		A	0.5
9	☐	1.000		9803434.09		A	0.5

159 Tb (ISTD) [He]

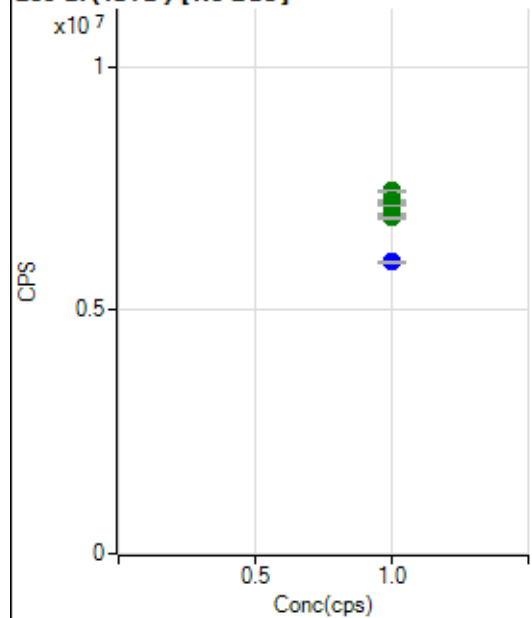
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5877172.97		A	0.5
2	☐	1.000					
3	☐	1.000		5800782.62		A	0.5
4	☐	1.000		5795670.54		M	1.4
5	☐	1.000		5725843.32		M	5.7
6	☐	1.000		5724697.00		M	1.2
7	☐	1.000		5703549.15		P	0.5
8	☐	1.000		5601804.29		P	0.7
9	☐	1.000		5310494.16		P	0.1

165 Ho (ISTD) [No Gas]

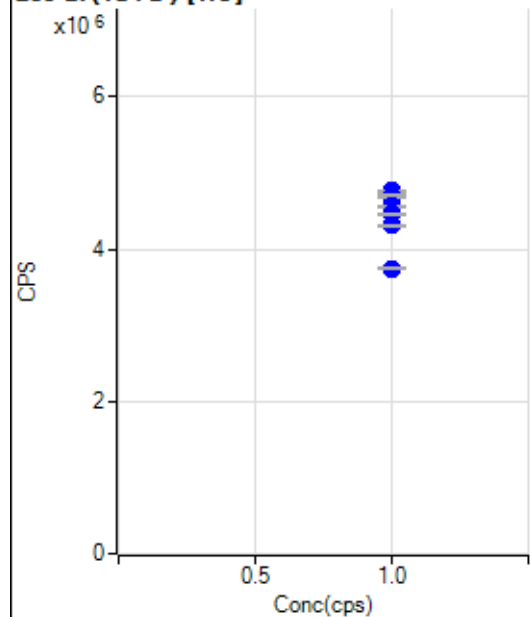
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10497113.86		A	0.2
2	☐	1.000					
3	☐	1.000		10312158.82		A	0.1
4	☐	1.000		10316531.83		A	0.8
5	☐	1.000		10388442.51		A	0.5
6	☐	1.000		10293286.86		A	0.6
7	☐	1.000		10141445.54		A	0.3
8	☐	1.000		10255121.84		A	0.6
9	☐	1.000		9613113.76		A	0.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5990094.91		A	0.8
2	☐	1.000					
3	☐	1.000		5895125.26		A	0.2
4	☐	1.000		5868377.55		A	1.0
5	☐	1.000		5794657.21		M	5.4
6	☐	1.000		5832598.66		A	0.1
7	☐	1.000		5814843.18		M	1.1
8	☐	1.000		5761342.07		P	1.0
9	☐	1.000		5488783.25		P	0.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7450352.60		A	0.5
2	☐	1.000					
3	☐	1.000		7254591.77		A	0.1
4	☐	1.000		7199879.55		A	0.2
5	☐	1.000		7240503.58		A	0.0
6	☐	1.000		7147163.57		A	0.2
7	☐	1.000		6964935.24		A	0.3
8	☐	1.000		6893751.49		A	0.8
9	☐	1.000		5996277.13		P	0.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4763925.35		P	0.7
2	☐	1.000					
3	☐	1.000		4697503.12		P	0.7
4	☐	1.000		4682403.06		P	0.4
5	☐	1.000		4581907.40		P	5.6
6	☐	1.000		4560859.06		P	0.2
7	☐	1.000		4463646.15		P	0.5
8	☐	1.000		4313690.53		P	0.6
9	☐	1.000		3745892.48		P	0.2

US EPA Tune Check Sample Report

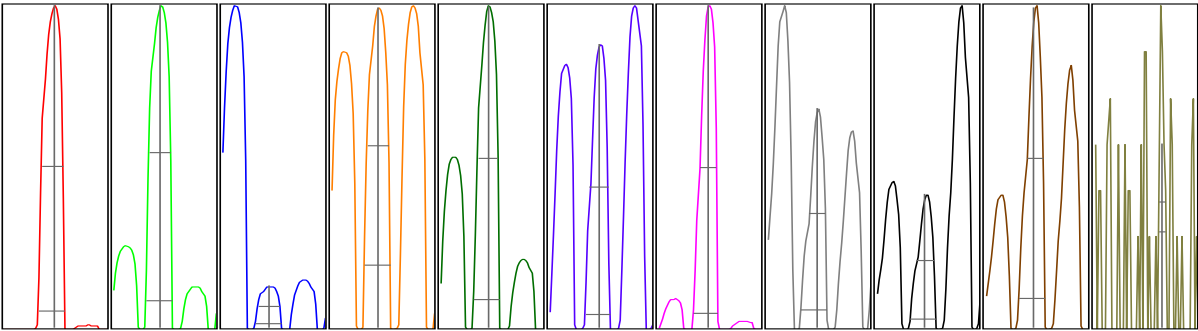
Batch Folder D:\ICP-MS Data\P7051719 MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	8534	0.60	5.00	
24	161872	0.69	5.00	
25	22240	0.84	5.00	
26	25194	0.72	5.00	
59	60877	0.86	5.00	
113	8578	0.80	5.00	
115	102525	0.71	5.00	
206	29995	1.09	5.00	
207	27490	0.78	5.00	
208	65307	0.95	5.00	
220	0	52.70		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	8487	8511	8515	8535	8620
24	160786	161565	161588	161658	163761
25	22127	22098	22191	22224	22561
26	25051	25118	25111	25183	25506
59	60375	60530	60810	60948	61722
113	8530	8531	8618	8532	8680
115	101749	102454	102314	102372	103737
206	29578	29881	29919	30146	30453
207	27203	27368	27545	27560	27773
208	64600	65251	65100	65281	66307
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	14475	9.00	8.9 - 9.1		0.779	0.900	
24	266737	23.90	23.9 - 24.1		0.768	0.900	
25	35418	24.90	24.9 - 25.1		0.752	0.900	
26	41053	25.90	25.9 - 26.1		0.747	0.900	
59	105846	58.95	58.9 - 59.1		0.752	0.900	
113	16953	113.00	112.9 - 113.1		0.727	0.900	
115	204128	115.00	114.9 - 115.1		0.706	0.900	
206	59687	206.00	205.9 - 206.1		0.752	0.900	
207	53736	206.95	206.9 - 207.1		0.736	0.900	
208	128970	207.95	207.9 - 208.1		0.755	0.900	
220	0	220.50	-		0.200		

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	8.1	V	Deflect	13.8	V
Extract 2	-100.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-55	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	15491	0.37	
89	63582	0.64	
205	28302	0.28	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	15518	15520	15554	15445	15417
89	64080	63515	63901	63095	63318
205	28390	28310	28352	28271	28186

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	8.2	V	Deflect	2.2	V
Extract 2	-90.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-50	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 : LB102841 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-17 13:18:33 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.07	-0.14	0.07	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	-0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.00	0.09	-0.08	0.00	N/A	ppb
Boron	11-1	-0.08	-0.06	0.14	0.00	N/A	ppb
Cadmium	111-1	-0.05	0.05	0.00	0.00	N/A	ppb
Cadmium	106-1	-0.60	0.72	-0.12	0.00	N/A	ppb
Cadmium	108-1	0.02	-0.04	0.02	0.00	N/A	ppb
Calcium	43-1	0.91	-0.12	-0.80	0.00	N/A	ppb
Calcium	44-1	-0.34	1.03	-0.69	0.00	N/A	ppb
Chromium	52-2	0.00	0.00	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	-0.01	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	-0.04	-0.04	0.00	N/A	ppb
Iron	57-2	-0.01	0.00	0.01	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.06	-0.08	0.02	0.00	N/A	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 13:18:33	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.02	-0.02	0.00	N/A	ppb
Molybdenum	95-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.01	0.00	N/A	ppb
Phosphorus	31-2	-28.45	-18.31	-26.34	-24.37		ppb
Potassium	39-2	-1.19	-0.36	1.54	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.10	0.40	-0.50	0.00	N/A	ppb
Selenium	82-1	0.48	-0.14	-0.34	0.00	N/A	ppb
Silicon	28-1	-0.17	0.13	0.04	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.25	-0.56	0.30	0.00	N/A	ppb
Strontium	86-1	0.03	-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	-65.47	-161.77	-111.32	-112.86		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	0.00	0.01	0.00	N/A	ppb
Titanium	47-1	-0.01	-0.01	0.02	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 :	LB102841	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 13:18:33	DataFile Name :	003CALB.d

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

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 13:26:46	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.17	15.41	18.63	17.07	9.44	ppb
Antimony	121-1	1.71	1.75	1.71	1.72	1.15	ppb
Arsenic	75-2	0.89	0.89	0.92	0.90	2.15	ppb
Barium	135-1	9.12	9.39	9.32	9.28	1.50	ppb
Barium	137-1	9.27	9.23	9.37	9.29	0.76	ppb
Beryllium	9-1	0.93	0.94	0.87	0.91	4.14	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Boron	10-1	21.11	21.32	21.67	21.36	1.33	ppb
Boron	11-1	21.42	21.59	21.61	21.54	0.47	ppb
Cadmium	111-1	0.97	1.11	0.91	1.00	10.31	ppb
Cadmium	106-1	1.11	3.38	0.96	1.81	74.72	ppb
Cadmium	108-1	0.76	0.92	0.65	0.78	17.39	ppb
Calcium	43-1	430.02	438.74	430.17	432.98	1.15	ppb
Calcium	44-1	429.54	433.16	433.73	432.14	0.53	ppb
Chromium	52-2	1.77	1.82	1.81	1.80	1.54	ppb
Cobalt	59-2	0.95	0.90	0.90	0.91	3.27	ppb
Copper	63-2	1.63	1.75	1.79	1.73	4.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				100		%
Iron	56-2	49.18	50.36	48.73	49.42	1.71	ppb
Iron	57-2	49.74	51.40	48.12	49.75	3.30	ppb
Krypton	83-1						cps
Lead	206-1	0.87	0.91	0.91	0.90	2.42	ppb
Lead	207-1	0.83	0.85	0.83	0.84	1.59	ppb
Lead	208-1	0.85	0.88	0.86	0.86	1.52	ppb
Lithium	6-1				101		%
Magnesium	24-2	468.61	470.24	466.19	468.35	0.44	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 13:26:46	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.02	1.03	1.08	1.04	2.78	ppb
Molybdenum	94-1	4.42	4.51	4.35	4.43	1.82	ppb
Molybdenum	95-1	4.62	4.81	4.56	4.66	2.79	ppb
Molybdenum	96-1	4.49	4.57	4.68	4.58	2.02	ppb
Molybdenum	97-1	4.60	4.39	4.43	4.47	2.48	ppb
Molybdenum	98-1	4.60	4.54	4.53	4.56	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	1.00	1.15	1.06	7.33	ppb
Phosphorus	31-2	17.68	21.93	33.48	24.37	33.55	ppb
Potassium	39-2	434.32	441.72	426.28	434.11	1.78	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	3.21	4.11	4.59	3.97	17.67	ppb
Selenium	78-2	4.48	4.61	5.90	5.00	15.74	ppb
Selenium	82-1	4.65	4.70	4.03	4.46	8.41	ppb
Silicon	28-1	6.76	6.41	6.69	6.62	2.77	ppb
Silver	109-1	0.94	0.95	1.01	0.97	3.75	ppb
Silver	107-1	1.01	1.00	0.97	1.00	1.85	ppb
Sodium	23-2	440.89	423.03	428.94	430.96	2.11	ppb
Strontium	86-1	1.02	0.89	0.91	0.94	7.44	ppb
Strontium	88-1	0.86	0.90	0.89	0.89	2.25	ppb
Sulfur	34-1	122.67	144.23	71.66	112.86	33.02	ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	0.84	0.82	0.84	0.83	1.53	ppb
Thallium	205-1	0.81	0.85	0.82	0.83	2.57	ppb
Thorium	232-1	0.77	0.77	0.78	0.77	0.28	ppb
Tin	118-1	5.11	4.98	4.91	5.00	2.02	ppb
Titanium	47-1	4.39	4.52	4.66	4.52	3.03	ppb
Uranium	238-1	0.80	0.81	0.81	0.81	0.99	ppb
Vanadium	51-2	4.69	4.67	4.69	4.68	0.20	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 13:26:46	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.33	2.68	2.25	2.42	9.40	ppb
Zirconium	90-1	0.86	0.87	0.79	0.84	5.29	ppb
Zirconium	91-1	0.89	0.88	0.91	0.89	1.65	ppb

LB Number : LB102841 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-17 13:30:43 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	961.68	965.16	976.42	967.75	0.80	ppb
Antimony	121-1	51.18	51.58	51.19	51.32	0.45	ppb
Arsenic	75-2	52.04	51.44	52.46	51.98	0.98	ppb
Barium	135-1	257.87	253.20	252.23	254.43	1.18	ppb
Barium	137-1	255.66	258.15	253.23	255.68	0.96	ppb
Beryllium	9-1	52.09	52.84	52.20	52.38	0.78	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	10-1	50.29	49.05	49.30	49.54	1.32	ppb
Boron	11-1	49.17	49.54	49.48	49.40	0.40	ppb
Cadmium	111-1	52.62	52.61	52.19	52.47	0.46	ppb
Cadmium	106-1	52.55	56.05	52.74	53.78	3.66	ppb
Cadmium	108-1	54.28	54.67	51.53	53.49	3.19	ppb
Calcium	43-1	4857.36	4931.03	4853.49	4880.63	0.90	ppb
Calcium	44-1	4961.16	4944.72	4890.54	4932.14	0.75	ppb
Chromium	52-2	51.72	51.53	52.15	51.80	0.61	ppb
Cobalt	59-2	52.74	52.62	52.66	52.67	0.12	ppb
Copper	63-2	98.56	97.27	99.62	98.48	1.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	2650.02	2645.54	2663.05	2652.87	0.34	ppb
Iron	57-2	2657.21	2674.62	2657.05	2662.96	0.38	ppb
Krypton	83-1						cps
Lead	206-1	49.34	49.35	49.23	49.31	0.13	ppb
Lead	207-1	49.17	49.69	49.38	49.41	0.53	ppb
Lead	208-1	49.11	49.20	49.20	49.17	0.10	ppb
Lithium	6-1				100		%
Magnesium	24-2	5299.15	5209.36	5249.30	5252.60	0.86	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 13:30:43	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	103.72	101.42	103.32	102.82	1.20	ppb
Molybdenum	94-1	249.46	247.63	248.42	248.50	0.37	ppb
Molybdenum	95-1	248.34	249.33	247.78	248.48	0.32	ppb
Molybdenum	96-1	248.77	248.47	247.57	248.27	0.25	ppb
Molybdenum	97-1	247.88	249.91	249.69	249.16	0.45	ppb
Molybdenum	98-1	249.36	248.73	248.46	248.85	0.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.79	53.20	53.86	53.62	0.67	ppb
Phosphorus	31-2	951.07	1005.89	956.67	971.21	3.11	ppb
Potassium	39-2	2476.53	2476.94	2474.09	2475.85	0.06	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	77-2	50.21	61.72	62.20	58.04	11.69	ppb
Selenium	78-2	50.31	52.27	55.28	52.62	4.76	ppb
Selenium	82-1	53.78	52.82	53.18	53.26	0.91	ppb
Silicon	28-1	46.12	47.05	47.38	46.85	1.40	ppb
Silver	109-1	52.44	52.39	51.74	52.19	0.75	ppb
Silver	107-1	52.59	53.02	51.74	52.45	1.24	ppb
Sodium	23-2	4953.71	4929.77	4937.07	4940.18	0.25	ppb
Strontium	86-1	50.34	50.77	49.62	50.24	1.16	ppb
Strontium	88-1	50.28	50.19	49.83	50.10	0.48	ppb
Sulfur	34-1	888.56	745.21	700.85	778.21	12.61	ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	48.59	48.04	48.66	48.43	0.70	ppb
Thallium	205-1	48.78	48.92	49.00	48.90	0.23	ppb
Thorium	232-1	46.86	46.85	46.49	46.73	0.45	ppb
Tin	118-1	51.73	51.71	51.92	51.79	0.22	ppb
Titanium	47-1	250.67	249.90	245.06	248.55	1.22	ppb
Uranium	238-1	46.49	47.23	46.77	46.83	0.80	ppb
Vanadium	51-2	51.54	50.97	50.80	51.10	0.75	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 13:30:43	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	98.54	100.02	100.89	99.82	1.19	ppb
Zirconium	90-1	49.90	49.40	49.34	49.55	0.61	ppb
Zirconium	91-1	49.31	50.32	50.84	50.16	1.55	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 13:34:39	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2280.70	2622.76	2478.14	2460.53	6.98	ppb
Antimony	121-1	129.00	128.23	128.88	128.70	0.32	ppb
Arsenic	75-2	125.03	140.03	130.00	131.69	5.80	ppb
Barium	135-1	644.00	637.96	640.96	640.97	0.47	ppb
Barium	137-1	639.84	640.99	633.99	638.27	0.59	ppb
Beryllium	9-1	130.10	130.29	129.22	129.87	0.44	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	121.66	123.67	126.01	123.78	1.76	ppb
Boron	11-1	125.75	122.73	126.27	124.92	1.53	ppb
Cadmium	111-1	130.97	129.76	128.78	129.84	0.84	ppb
Cadmium	106-1	125.01	130.72	126.83	127.52	2.29	ppb
Cadmium	108-1	131.83	127.04	131.28	130.05	2.01	ppb
Calcium	43-1	12357.07	12226.96	12338.91	12307.65	0.57	ppb
Calcium	44-1	12319.73	12407.58	12362.00	12363.10	0.36	ppb
Chromium	52-2	120.19	138.41	131.70	130.10	7.08	ppb
Cobalt	59-2	122.34	139.42	132.32	131.36	6.53	ppb
Copper	63-2	229.08	261.35	247.78	246.07	6.58	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				99		%
Holmium	165-2				97		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	6205.51	7019.43	6726.92	6650.62	6.20	ppb
Iron	57-2	6147.63	7038.87	6698.80	6628.43	6.79	ppb
Krypton	83-1						cps
Lead	206-1	124.76	125.54	123.80	124.70	0.70	ppb
Lead	207-1	124.95	125.04	123.82	124.60	0.55	ppb
Lead	208-1	124.43	124.75	123.50	124.23	0.52	ppb
Lithium	6-1				99		%
Magnesium	24-2	12384.88	14130.82	13336.69	13284.13	6.58	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 13:34:39	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	241.56	275.09	262.10	259.58	6.51	ppb
Molybdenum	94-1	625.03	626.42	623.73	625.06	0.22	ppb
Molybdenum	95-1	628.13	627.38	622.21	625.91	0.52	ppb
Molybdenum	96-1	624.44	630.75	625.88	627.02	0.53	ppb
Molybdenum	97-1	632.47	632.50	622.61	629.19	0.91	ppb
Molybdenum	98-1	625.90	628.38	623.89	626.06	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	124.34	141.98	136.06	134.13	6.69	ppb
Phosphorus	31-2	2269.23	2687.74	2655.77	2537.58	9.18	ppb
Potassium	39-2	5845.97	6671.43	6235.39	6250.93	6.61	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	77-2	111.02	141.95	120.19	124.39	12.77	ppb
Selenium	78-2	120.59	144.72	134.92	133.41	9.10	ppb
Selenium	82-1	129.93	130.68	131.61	130.74	0.64	ppb
Silicon	28-1	118.81	121.64	124.11	121.52	2.18	ppb
Silver	109-1	129.96	129.19	128.70	129.28	0.49	ppb
Silver	107-1	129.73	129.30	129.11	129.38	0.25	ppb
Sodium	23-2	11746.18	13266.08	12640.30	12550.85	6.09	ppb
Strontium	86-1	125.05	126.19	124.18	125.14	0.81	ppb
Strontium	88-1	125.37	127.09	125.58	126.01	0.75	ppb
Sulfur	34-1	1993.39	2018.25	2084.03	2031.89	2.31	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	123.13	121.48	122.04	122.22	0.69	ppb
Thallium	205-1	124.60	123.66	123.27	123.84	0.55	ppb
Thorium	232-1	120.61	119.80	119.66	120.02	0.43	ppb
Tin	118-1	130.45	129.18	130.22	129.95	0.52	ppb
Titanium	47-1	628.13	621.77	625.10	625.00	0.51	ppb
Uranium	238-1	121.14	121.07	120.45	120.89	0.31	ppb
Vanadium	51-2	120.35	137.19	129.92	129.15	6.54	ppb
Yttrium	89-1				98		%
Yttrium	89-2				95		%

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 13:34:39	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	232.79	268.48	253.59	251.62	7.12	ppb
Zirconium	90-1	123.51	125.33	123.66	124.17	0.81	ppb
Zirconium	91-1	125.53	127.16	125.62	126.10	0.73	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 13:38:31	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4844.51	4819.64	4790.89	4818.35	0.56	ppb
Antimony	121-1	254.28	253.83	252.34	253.49	0.40	ppb
Arsenic	75-2	256.24	254.72	256.91	255.96	0.44	ppb
Barium	135-1	1265.12	1266.49	1255.56	1262.39	0.47	ppb
Barium	137-1	1261.00	1266.44	1257.58	1261.68	0.35	ppb
Beryllium	9-1	258.00	256.11	257.13	257.08	0.37	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Boron	10-1	248.50	252.38	256.33	252.40	1.55	ppb
Boron	11-1	249.59	246.85	255.46	250.63	1.75	ppb
Cadmium	111-1	250.74	254.14	255.31	253.40	0.94	ppb
Cadmium	106-1	251.84	252.00	252.37	252.07	0.11	ppb
Cadmium	108-1	258.68	255.60	255.83	256.70	0.67	ppb
Calcium	43-1	24717.68	24680.53	24649.09	24682.43	0.14	ppb
Calcium	44-1	24841.08	24620.97	24625.84	24695.96	0.51	ppb
Chromium	52-2	255.06	252.65	254.76	254.16	0.52	ppb
Cobalt	59-2	258.51	257.32	258.87	258.23	0.31	ppb
Copper	63-2	474.98	475.91	478.20	476.36	0.35	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				98		%
Holmium	165-2				97		%
Indium	115-1				94		%
Indium	115-2				95		%
Iron	56-2	13067.10	12929.51	12971.73	12989.45	0.54	ppb
Iron	57-2	13197.26	12914.63	13057.54	13056.47	1.08	ppb
Krypton	83-1						cps
Lead	206-1	250.98	252.08	249.87	250.98	0.44	ppb
Lead	207-1	248.80	250.25	249.71	249.59	0.29	ppb
Lead	208-1	250.56	250.20	248.38	249.71	0.47	ppb
Lithium	6-1				96		%
Magnesium	24-2	26049.07	25828.13	26077.76	25984.99	0.53	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 13:38:31	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	508.42	504.98	509.49	507.63	0.46	ppb
Molybdenum	94-1	1256.98	1255.66	1251.64	1254.76	0.22	ppb
Molybdenum	95-1	1257.91	1256.45	1252.73	1255.70	0.21	ppb
Molybdenum	96-1	1267.04	1257.10	1244.17	1256.10	0.91	ppb
Molybdenum	97-1	1271.84	1257.36	1244.85	1258.02	1.07	ppb
Molybdenum	98-1	1262.64	1245.94	1241.59	1250.06	0.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	261.38	261.56	262.40	261.78	0.21	ppb
Phosphorus	31-2	5133.29	5025.13	5067.57	5075.33	1.07	ppb
Potassium	39-2	12397.28	12283.10	12305.55	12328.64	0.49	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				93		%
Scandium	45-2				95		%
Selenium	77-2	269.56	265.28	255.37	263.41	2.76	ppb
Selenium	78-2	258.04	253.90	252.06	254.67	1.20	ppb
Selenium	82-1	264.13	264.97	261.89	263.66	0.60	ppb
Silicon	28-1	247.87	253.62	258.02	253.17	2.01	ppb
Silver	109-1	250.21	252.52	252.54	251.76	0.53	ppb
Silver	107-1	250.80	253.00	254.08	252.63	0.66	ppb
Sodium	23-2	24665.27	24633.49	24680.10	24659.62	0.10	ppb
Strontium	86-1	254.03	252.55	250.05	252.21	0.80	ppb
Strontium	88-1	251.05	251.22	251.13	251.13	0.03	ppb
Sulfur	34-1	4704.55	4596.46	4624.10	4641.71	1.21	ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	247.25	245.34	243.67	245.42	0.73	ppb
Thallium	205-1	250.16	250.26	247.28	249.23	0.68	ppb
Thorium	232-1	242.91	242.68	239.71	241.77	0.74	ppb
Tin	118-1	256.26	255.13	254.64	255.34	0.32	ppb
Titanium	47-1	1248.10	1242.51	1250.41	1247.01	0.33	ppb
Uranium	238-1	242.54	241.87	241.11	241.84	0.30	ppb
Vanadium	51-2	252.15	250.82	251.62	251.53	0.27	ppb
Yttrium	89-1				94		%
Yttrium	89-2				95		%

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 13:38:31	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	485.59	484.34	485.30	485.08	0.14	ppb
Zirconium	90-1	249.48	248.56	246.95	248.33	0.52	ppb
Zirconium	91-1	252.82	255.51	251.89	253.41	0.74	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 13:42:21	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9665.46	9572.78	9522.62	9586.95	0.76	ppb
Antimony	121-1	505.06	509.03	505.61	506.57	0.42	ppb
Arsenic	75-2	509.55	514.71	513.45	512.57	0.53	ppb
Barium	135-1	2514.44	2525.29	2543.26	2527.66	0.58	ppb
Barium	137-1	2533.38	2555.10	2542.28	2543.59	0.43	ppb
Beryllium	9-1	513.27	513.50	510.49	512.42	0.33	ppb
Bismuth	209-1				93		%
Bismuth	209-2				94		%
Boron	10-1	501.18	509.80	507.65	506.21	0.89	ppb
Boron	11-1	493.17	499.25	507.31	499.91	1.42	ppb
Cadmium	111-1	526.23	525.91	523.22	525.12	0.31	ppb
Cadmium	106-1	518.49	518.34	523.53	520.12	0.57	ppb
Cadmium	108-1	523.01	524.57	520.88	522.82	0.35	ppb
Calcium	43-1	50672.58	49717.39	49766.08	50052.02	1.07	ppb
Calcium	44-1	50698.17	50027.04	49833.89	50186.37	0.90	ppb
Chromium	52-2	513.12	506.38	504.84	508.11	0.87	ppb
Cobalt	59-2	517.41	509.49	508.34	511.75	0.97	ppb
Copper	63-2	1034.18	1023.37	1020.41	1025.99	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				97		%
Indium	115-1				91		%
Indium	115-2				91		%
Iron	56-2	26202.26	25967.72	25671.43	25947.13	1.03	ppb
Iron	57-2	26255.39	25880.26	25675.64	25937.09	1.13	ppb
Krypton	83-1						cps
Lead	206-1	504.57	504.14	501.55	503.42	0.32	ppb
Lead	207-1	503.70	503.42	503.56	503.56	0.03	ppb
Lead	208-1	503.45	504.50	501.11	503.02	0.34	ppb
Lithium	6-1				94		%
Magnesium	24-2	52352.06	52082.16	52160.99	52198.41	0.27	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 13:42:21	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1033.39	1013.61	1006.99	1018.00	1.35	ppb
Molybdenum	94-1	2520.05	2530.36	2502.56	2517.66	0.56	ppb
Molybdenum	95-1	2534.43	2533.15	2506.58	2524.72	0.62	ppb
Molybdenum	96-1	2526.93	2513.69	2492.09	2510.90	0.70	ppb
Molybdenum	97-1	2526.60	2531.31	2515.07	2524.33	0.33	ppb
Molybdenum	98-1	2526.84	2534.85	2516.36	2526.02	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	517.70	515.17	513.24	515.37	0.43	ppb
Phosphorus	31-2	10330.50	10194.29	10207.39	10244.06	0.73	ppb
Potassium	39-2	24750.78	24855.85	24655.55	24754.06	0.40	ppb
Rhodium	103-1				89		%
Rhodium	103-2				90		%
Scandium	45-1				91		%
Scandium	45-2				93		%
Selenium	77-2	492.29	525.75	528.84	515.63	3.93	ppb
Selenium	78-2	505.67	523.70	516.76	515.37	1.76	ppb
Selenium	82-1	516.10	518.76	512.64	515.83	0.59	ppb
Silicon	28-1	514.80	521.17	516.06	517.34	0.65	ppb
Silver	109-1	519.79	521.29	521.70	520.92	0.19	ppb
Silver	107-1	522.87	520.05	518.02	520.31	0.47	ppb
Sodium	23-2	50068.10	49462.69	49457.83	49662.87	0.71	ppb
Strontium	86-1	506.78	512.54	503.78	507.70	0.88	ppb
Strontium	88-1	505.18	503.33	507.08	505.19	0.37	ppb
Sulfur	34-1	10151.61	10114.76	9913.87	10060.08	1.27	ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	499.16	497.66	495.26	497.36	0.40	ppb
Thallium	205-1	503.38	504.27	503.09	503.58	0.12	ppb
Thorium	232-1	498.48	498.61	495.81	497.63	0.32	ppb
Tin	118-1	505.86	508.78	507.78	507.47	0.29	ppb
Titanium	47-1	2536.17	2527.88	2501.27	2521.77	0.72	ppb
Uranium	238-1	497.87	497.36	493.79	496.34	0.45	ppb
Vanadium	51-2	509.37	506.24	502.39	506.00	0.69	ppb
Yttrium	89-1				93		%
Yttrium	89-2				93		%

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 13:42:21	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1064.75	1063.00	1046.03	1057.93	0.98	ppb
Zirconium	90-1	503.35	502.89	505.40	503.88	0.26	ppb
Zirconium	91-1	503.48	508.21	501.45	504.38	0.69	ppb

LB Number : LB102841 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-17 13:46:09 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19009.64	18975.72	18756.94	18914.10	0.73	ppb
Antimony	121-1	999.34	991.31	995.30	995.32	0.40	ppb
Arsenic	75-2	992.63	990.00	991.24	991.29	0.13	ppb
Barium	135-1	4996.72	4946.55	4999.30	4980.86	0.60	ppb
Barium	137-1	4973.61	4970.34	4976.09	4973.34	0.06	ppb
Beryllium	9-1	994.83	987.69	991.36	991.29	0.36	ppb
Bismuth	209-1				93		%
Bismuth	209-2				91		%
Boron	10-1	1004.57	980.35	1004.77	996.56	1.41	ppb
Boron	11-1	994.46	998.98	1006.61	1000.02	0.61	ppb
Cadmium	111-1	984.42	981.02	992.14	985.86	0.58	ppb
Cadmium	106-1	1002.87	984.62	979.27	988.92	1.25	ppb
Cadmium	108-1	991.50	983.29	983.54	986.11	0.47	ppb
Calcium	43-1	98008.75	98849.92	97975.29	98277.99	0.50	ppb
Calcium	44-1	98153.31	98665.04	98162.76	98327.03	0.30	ppb
Chromium	52-2	995.52	1000.28	986.73	994.18	0.69	ppb
Cobalt	59-2	993.40	996.79	983.23	991.14	0.71	ppb
Copper	63-2	2003.12	2003.10	1974.24	1993.48	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				96		%
Indium	115-1				89		%
Indium	115-2				87		%
Iron	56-2	50955.36	50830.14	50345.40	50710.30	0.64	ppb
Iron	57-2	50812.67	50872.14	50175.79	50620.20	0.76	ppb
Krypton	83-1						cps
Lead	206-1	1006.03	991.81	996.52	998.12	0.73	ppb
Lead	207-1	1003.44	999.02	992.75	998.40	0.54	ppb
Lead	208-1	1000.42	996.84	998.85	998.70	0.18	ppb
Lithium	6-1				92		%
Magnesium	24-2	103488.93	103245.80	101681.40	102805.38	0.95	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 13:46:09	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2001.30	1989.36	1972.61	1987.76	0.73	ppb
Molybdenum	94-1	4977.74	4977.18	5015.23	4990.05	0.44	ppb
Molybdenum	95-1	4956.83	4982.21	5019.49	4986.18	0.63	ppb
Molybdenum	96-1	4979.58	4970.56	5028.43	4992.86	0.62	ppb
Molybdenum	97-1	4968.84	4982.23	5004.98	4985.35	0.37	ppb
Molybdenum	98-1	4988.96	4972.07	4999.68	4986.90	0.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	986.82	996.71	980.61	988.05	0.82	ppb
Phosphorus	31-2	20199.55	19774.77	19593.32	19855.88	1.57	ppb
Potassium	39-2	48499.91	48265.55	47990.90	48252.12	0.53	ppb
Rhodium	103-1				86		%
Rhodium	103-2				86		%
Scandium	45-1				89		%
Scandium	45-2				90		%
Selenium	77-2	985.56	980.46	999.53	988.51	1.00	ppb
Selenium	78-2	990.19	989.53	990.17	989.96	0.04	ppb
Selenium	82-1	988.63	983.24	991.50	987.79	0.42	ppb
Silicon	28-1	987.37	990.30	995.81	991.16	0.43	ppb
Silver	109-1	986.77	989.30	989.29	988.45	0.15	ppb
Silver	107-1	992.58	981.14	991.83	988.52	0.65	ppb
Sodium	23-2	98593.11	98213.29	98070.65	98292.35	0.27	ppb
Strontium	86-1	993.17	998.43	995.10	995.57	0.27	ppb
Strontium	88-1	995.90	999.68	995.38	996.99	0.24	ppb
Sulfur	34-1	20262.06	19978.21	20147.15	20129.14	0.71	ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	1006.25	998.30	1004.12	1002.89	0.41	ppb
Thallium	205-1	1007.51	993.16	995.14	998.60	0.78	ppb
Thorium	232-1	1004.87	999.73	1007.49	1004.03	0.39	ppb
Tin	118-1	992.70	993.74	996.22	994.22	0.18	ppb
Titanium	47-1	5019.16	4988.54	4962.11	4989.94	0.57	ppb
Uranium	238-1	1006.98	1000.03	1006.61	1004.54	0.39	ppb
Vanadium	51-2	997.19	1003.93	987.02	996.04	0.85	ppb
Yttrium	89-1				91		%
Yttrium	89-2				90		%

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 13:46:09	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1982.50	1986.51	1954.70	1974.57	0.88	ppb
Zirconium	90-1	999.01	997.54	999.26	998.61	0.09	ppb
Zirconium	91-1	991.69	996.71	1002.04	996.81	0.52	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 13:49:55	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99541.04	101290.37	99975.22	100268.88	0.91	ppb
Antimony	121-1	1.44	1.48	1.39	1.44	2.96	ppb
Arsenic	75-2	1.39	1.46	1.29	1.38	5.97	ppb
Barium	135-1	0.79	0.73	0.72	0.74	4.98	ppb
Barium	137-1	0.78	0.81	0.66	0.75	10.95	ppb
Beryllium	9-1	0.20	0.19	0.19	0.20	3.59	ppb
Bismuth	209-1				80		%
Bismuth	209-2				79		%
Boron	10-1	37.78	34.66	32.48	34.97	7.62	ppb
Boron	11-1	37.00	34.76	32.30	34.69	6.78	ppb
Cadmium	111-1	0.14	0.18	0.13	0.15	16.85	ppb
Cadmium	106-1	0.17	0.53	-0.40	0.10	464.70	ppb
Cadmium	108-1	0.21	0.20	0.03	0.14	71.26	ppb
Calcium	43-1	499081.09	501689.63	500312.73	500361.15	0.26	ppb
Calcium	44-1	500081.82	501303.98	499620.18	500335.33	0.17	ppb
Chromium	52-2	2.00	2.04	1.96	2.00	1.91	ppb
Cobalt	59-2	11.32	11.52	11.43	11.42	0.88	ppb
Copper	63-2	1.13	1.15	1.17	1.15	1.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				92		%
Indium	115-1				82		%
Indium	115-2				83		%
Iron	56-2	248447.47	253033.15	247701.01	249727.21	1.16	ppb
Iron	57-2	250003.00	251881.79	247345.21	249743.34	0.91	ppb
Krypton	83-1						cps
Lead	206-1	0.87	0.86	0.81	0.85	3.81	ppb
Lead	207-1	0.87	0.79	0.77	0.81	6.03	ppb
Lead	208-1	0.84	0.82	0.80	0.82	2.42	ppb
Lithium	6-1				88		%
Magnesium	24-2	499191.19	504486.63	493765.39	499147.74	1.07	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 13:49:55	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4.50	4.58	4.50	4.53	1.00	ppb
Molybdenum	94-1	2.11	1.95	1.70	1.92	10.76	ppb
Molybdenum	95-1	2.15	2.18	2.01	2.12	4.34	ppb
Molybdenum	96-1	3.01	2.94	2.80	2.92	3.57	ppb
Molybdenum	97-1	2.05	1.86	1.93	1.95	4.90	ppb
Molybdenum	98-1	2.00	1.94	1.83	1.93	4.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.06	9.31	9.36	9.24	1.71	ppb
Phosphorus	31-2	-9.05	-13.28	-24.85	-15.73		ppb
Potassium	39-2	249196.28	251944.03	250008.95	250383.09	0.56	ppb
Rhodium	103-1				76		%
Rhodium	103-2				77		%
Scandium	45-1				86		%
Scandium	45-2				90		%
Selenium	77-2	1.04	0.52	0.00	0.52	100.16	ppb
Selenium	78-2	0.76	0.07	0.24	0.36	99.05	ppb
Selenium	82-1	-0.39	-0.61	0.30	-0.24		ppb
Silicon	28-1	20.39	20.25	19.73	20.12	1.72	ppb
Silver	109-1	0.10	0.11	0.09	0.10	10.92	ppb
Silver	107-1	0.09	0.09	0.06	0.08	21.56	ppb
Sodium	23-2	498327.87	504367.76	498479.34	500391.66	0.69	ppb
Strontium	86-1	4.03	5.80	4.28	4.70	20.45	ppb
Strontium	88-1	4.27	4.26	4.27	4.26	0.16	ppb
Sulfur	34-1	-267.80	-203.96	-222.13	-231.30		ppb
Terbium	159-1				91		%
Terbium	159-2				90		%
Thallium	203-1	0.18	0.16	0.15	0.17	9.23	ppb
Thallium	205-1	0.18	0.16	0.15	0.16	7.86	ppb
Thorium	232-1	0.16	0.14	0.14	0.15	8.03	ppb
Tin	118-1	0.30	0.29	0.30	0.30	2.82	ppb
Titanium	47-1	1.92	2.08	1.88	1.96	5.35	ppb
Uranium	238-1	0.10	0.10	0.07	0.09	16.44	ppb
Vanadium	51-2	0.16	0.13	0.12	0.14	15.88	ppb
Yttrium	89-1				86		%
Yttrium	89-2				88		%

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 13:49:55	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	11.50	11.19	11.42	11.37	1.38	ppb
Zirconium	90-1	0.29	0.29	0.24	0.27	11.25	ppb
Zirconium	91-1	0.31	0.26	0.27	0.28	8.57	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:04:06	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	502.04	524.84	513.09	513.33	2.22	ppb
Antimony	121-1	200.64	201.21	200.33	200.73	0.22	ppb
Arsenic	75-2	206.67	208.68	206.91	207.42	0.53	ppb
Barium	135-1	101.05	101.66	103.06	101.92	1.01	ppb
Barium	137-1	101.92	101.50	100.37	101.26	0.79	ppb
Beryllium	9-1	102.03	100.92	100.59	101.18	0.75	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Boron	10-1	499.96	495.82	500.74	498.84	0.53	ppb
Boron	11-1	496.56	500.44	503.67	500.22	0.71	ppb
Cadmium	111-1	107.59	106.75	107.66	107.33	0.47	ppb
Cadmium	106-1	181.12	176.06	180.10	179.09	1.49	ppb
Cadmium	108-1	158.74	157.14	152.64	156.18	2.03	ppb
Calcium	43-1	2236.20	2190.88	2206.20	2211.10	1.04	ppb
Calcium	44-1	2073.22	2086.55	2080.74	2080.17	0.32	ppb
Chromium	52-2	99.29	101.67	101.50	100.82	1.32	ppb
Cobalt	59-2	103.50	104.74	105.05	104.43	0.79	ppb
Copper	63-2	96.72	98.22	98.09	97.68	0.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				95		%
Indium	115-1				94		%
Indium	115-2				92		%
Iron	56-2	1057.87	1078.06	1083.88	1073.27	1.27	ppb
Iron	57-2	1063.55	1077.46	1063.14	1068.05	0.76	ppb
Krypton	83-1						cps
Lead	206-1	204.28	202.14	201.56	202.66	0.71	ppb
Lead	207-1	195.45	194.78	192.91	194.38	0.68	ppb
Lead	208-1	199.14	198.52	197.94	198.53	0.30	ppb
Lithium	6-1				95		%
Magnesium	24-2	1249.73	1255.26	1270.70	1258.56	0.86	ppb

LB Number : LB102841 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-17 14:04:06 DataFile Name : 013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	99.47	101.86	101.87	101.07	1.37	ppb
Molybdenum	94-1	2315.63	2296.52	2314.77	2308.98	0.47	ppb
Molybdenum	95-1	2314.71	2286.22	2322.49	2307.81	0.83	ppb
Molybdenum	96-1	2310.07	2301.72	2305.93	2305.91	0.18	ppb
Molybdenum	97-1	2286.33	2278.03	2280.53	2281.63	0.19	ppb
Molybdenum	98-1	2314.47	2296.80	2288.04	2299.77	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.69	107.61	107.19	106.83	0.94	ppb
Phosphorus	31-2	-8.14	-22.83	-22.89	-17.95		ppb
Potassium	39-2	1966.11	1964.25	1981.21	1970.53	0.47	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				93		%
Scandium	45-2				92		%
Selenium	77-2	212.21	207.18	227.42	215.60	4.89	ppb
Selenium	78-2	215.48	205.12	209.36	209.99	2.48	ppb
Selenium	82-1	215.60	212.07	213.84	213.84	0.82	ppb
Silicon	28-1	320.89	320.35	322.69	321.31	0.38	ppb
Silver	109-1	101.67	100.70	101.71	101.36	0.56	ppb
Silver	107-1	102.95	102.98	101.44	102.46	0.86	ppb
Sodium	23-2	1950.55	2002.26	2013.30	1988.70	1.68	ppb
Strontium	86-1	498.98	500.52	501.04	500.18	0.21	ppb
Strontium	88-1	505.14	501.51	504.58	503.74	0.39	ppb
Sulfur	34-1	-673.72	-817.99	-790.25	-760.65		ppb
Terbium	159-1				98		%
Terbium	159-2				95		%
Thallium	203-1	199.29	198.08	197.67	198.35	0.43	ppb
Thallium	205-1	201.65	200.97	200.56	201.06	0.28	ppb
Thorium	232-1	500.89	496.05	496.45	497.80	0.54	ppb
Tin	118-1	481.27	471.33	481.04	477.88	1.19	ppb
Titanium	47-1	2384.32	2363.57	2392.95	2380.28	0.63	ppb
Uranium	238-1	462.12	462.19	460.89	461.73	0.16	ppb
Vanadium	51-2	98.36	100.29	100.62	99.76	1.22	ppb
Yttrium	89-1				94		%
Yttrium	89-2				91		%

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:04:06	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	195.99	201.68	200.27	199.31	1.49	ppb
Zirconium	90-1	470.96	468.48	469.35	469.60	0.27	ppb
Zirconium	91-1	470.14	466.93	468.64	468.57	0.34	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:14:20	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.61	18.79	16.72	17.71	5.86	ppb
Antimony	121-1	1.93	1.92	1.78	1.88	4.58	ppb
Arsenic	75-2	0.91	1.01	0.90	0.94	6.78	ppb
Barium	135-1	9.68	9.62	9.24	9.51	2.53	ppb
Barium	137-1	9.39	9.56	9.30	9.42	1.39	ppb
Beryllium	9-1	0.92	0.95	0.95	0.94	1.73	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	27.24	29.22	26.14	27.53	5.66	ppb
Boron	11-1	26.63	27.38	27.16	27.06	1.42	ppb
Cadmium	111-1	0.99	1.00	0.87	0.96	7.82	ppb
Cadmium	106-1	1.83	0.11	0.36	0.77	121.44	ppb
Cadmium	108-1	0.78	0.73	0.90	0.80	11.17	ppb
Calcium	43-1	432.28	427.54	451.79	437.20	2.94	ppb
Calcium	44-1	451.26	452.59	443.38	449.08	1.11	ppb
Chromium	52-2	1.94	1.94	1.90	1.93	1.17	ppb
Cobalt	59-2	0.96	1.05	0.98	1.00	4.44	ppb
Copper	63-2	1.85	1.84	1.77	1.82	2.24	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				100		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	53.19	51.43	52.23	52.29	1.69	ppb
Iron	57-2	51.68	47.85	49.03	49.52	3.97	ppb
Krypton	83-1						cps
Lead	206-1	0.90	0.95	0.86	0.91	5.05	ppb
Lead	207-1	0.93	0.89	0.86	0.89	3.93	ppb
Lead	208-1	0.90	0.91	0.87	0.89	2.64	ppb
Lithium	6-1				100		%
Magnesium	24-2	504.47	502.06	505.63	504.05	0.36	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:14:20	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.98	0.96	0.99	0.97	1.64	ppb
Molybdenum	94-1	4.83	4.78	4.72	4.78	1.15	ppb
Molybdenum	95-1	4.96	4.87	5.01	4.95	1.41	ppb
Molybdenum	96-1	4.76	4.73	4.90	4.80	1.90	ppb
Molybdenum	97-1	4.79	4.83	4.67	4.76	1.68	ppb
Molybdenum	98-1	4.94	4.99	4.88	4.94	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	1.00	1.13	1.04	7.53	ppb
Phosphorus	31-2	28.98	36.59	30.06	31.88	12.93	ppb
Potassium	39-2	465.27	460.19	472.89	466.12	1.37	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	77-2	6.70	5.23	9.63	7.19	31.18	ppb
Selenium	78-2	6.07	6.25	5.49	5.93	6.66	ppb
Selenium	82-1	5.20	5.35	4.73	5.10	6.37	ppb
Silicon	28-1	6.87	6.60	6.19	6.56	5.26	ppb
Silver	109-1	0.93	0.97	0.99	0.96	3.23	ppb
Silver	107-1	1.01	1.00	0.94	0.99	3.80	ppb
Sodium	23-2	461.28	472.17	456.97	463.47	1.69	ppb
Strontium	86-1	0.98	0.91	0.96	0.95	4.05	ppb
Strontium	88-1	0.92	0.93	0.90	0.92	1.34	ppb
Sulfur	34-1	-131.24	-45.17	-119.34	-98.58		ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	0.87	0.88	0.88	0.88	0.97	ppb
Thallium	205-1	0.90	0.87	0.90	0.89	1.84	ppb
Thorium	232-1	0.86	0.86	0.80	0.84	3.73	ppb
Tin	118-1	5.07	5.03	4.82	4.97	2.72	ppb
Titanium	47-1	4.54	5.22	4.76	4.84	7.18	ppb
Uranium	238-1	0.83	0.87	0.82	0.84	3.22	ppb
Vanadium	51-2	4.81	4.93	5.00	4.91	1.93	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:14:20	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.99	1.95	1.88	1.94	2.66	ppb
Zirconium	90-1	0.92	0.89	0.88	0.90	2.51	ppb
Zirconium	91-1	0.82	0.88	0.94	0.88	6.91	ppb

LB Number : LB102841 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-17 14:17:57 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.02	-0.13	0.30	0.05	439.68	ppb
Antimony	121-1	0.04	0.03	0.04	0.04	18.65	ppb
Arsenic	75-2	0.02	0.00	0.00	0.01	188.03	ppb
Barium	135-1	0.02	0.00	0.00	0.01	123.55	ppb
Barium	137-1	0.00	0.00	0.01	0.00	56.99	ppb
Beryllium	9-1	0.02	0.02	0.03	0.02	20.99	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	5.48	3.81	4.71	4.67	17.85	ppb
Boron	11-1	4.49	4.09	4.37	4.32	4.81	ppb
Cadmium	111-1	0.09	-0.01	-0.09	0.00		ppb
Cadmium	106-1	1.05	-0.14	-1.03	-0.04		ppb
Cadmium	108-1	-0.04	-0.06	0.08	-0.01		ppb
Calcium	43-1	0.07	0.38	1.52	0.66	116.63	ppb
Calcium	44-1	0.25	-1.01	-0.17	-0.31		ppb
Chromium	52-2	0.02	-0.01	-0.05	-0.01		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.00	0.02	0.00	0.00	196.02	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				98		%
Holmium	165-2				95		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	0.10	-0.07	-0.06	-0.01		ppb
Iron	57-2	-0.07	-0.48	0.89	0.11	624.48	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.02	0.01	44.63	ppb
Lead	207-1	0.02	0.01	0.02	0.02	23.18	ppb
Lead	208-1	0.01	0.01	0.01	0.01	5.74	ppb
Lithium	6-1				99		%
Magnesium	24-2	-0.09	0.52	0.40	0.28	117.09	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:17:57	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.00	0.00	-0.01		ppb
Molybdenum	94-1	0.02	0.04	0.05	0.04	31.20	ppb
Molybdenum	95-1	0.08	0.10	0.09	0.09	8.42	ppb
Molybdenum	96-1	0.08	0.08	0.08	0.08	3.28	ppb
Molybdenum	97-1	0.09	0.07	0.07	0.08	19.40	ppb
Molybdenum	98-1	0.07	0.09	0.07	0.08	11.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.00	-0.02	0.00	746.09	ppb
Phosphorus	31-2	-20.97	-18.90	-8.78	-16.22		ppb
Potassium	39-2	3.02	0.26	1.35	1.54	89.89	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.39	0.04	-0.05	0.13	177.37	ppb
Selenium	82-1	0.26	-0.03	-0.92	-0.23		ppb
Silicon	28-1	0.88	0.00	0.19	0.36	129.63	ppb
Silver	109-1	0.00	0.00	0.00	0.00	116.31	ppb
Silver	107-1	0.00	0.01	0.00	0.00	131.89	ppb
Sodium	23-2	4.59	6.38	4.77	5.25	18.74	ppb
Strontium	86-1	0.00	-0.01	0.02	0.00	284.69	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	66.17	70.41	93.19	76.59	18.97	ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	0.01	0.01	0.00	0.01	30.97	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	33.38	ppb
Thorium	232-1	0.01	0.01	0.02	0.02	6.74	ppb
Tin	118-1	0.03	0.01	0.02	0.02	44.24	ppb
Titanium	47-1	0.00	0.04	0.02	0.02	109.69	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	201.09	ppb
Yttrium	89-1				96		%
Yttrium	89-2				94		%

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:17:57	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.05	-0.01	0.03	0.02	138.50	ppb
Zirconium	90-1	0.01	0.02	0.00	0.01	119.41	ppb
Zirconium	91-1	-0.01	0.00	0.01	0.00		ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:21:34	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88903.78	90173.19	89351.07	89476.01	0.72	ppb
Antimony	121-1	1.16	1.07	1.13	1.12	4.28	ppb
Arsenic	75-2	0.32	0.25	0.30	0.29	11.59	ppb
Barium	135-1	1.47	1.49	1.54	1.50	2.21	ppb
Barium	137-1	1.48	1.47	1.42	1.46	2.16	ppb
Beryllium	9-1	0.25	0.29	0.29	0.28	8.39	ppb
Bismuth	209-1				92		%
Bismuth	209-2				90		%
Boron	10-1	4.25	5.00	4.81	4.69	8.32	ppb
Boron	11-1	4.15	4.70	4.02	4.29	8.39	ppb
Cadmium	111-1	0.75	0.50	0.35	0.53	37.82	ppb
Cadmium	106-1	-0.19	-1.56	-1.37	-1.04		ppb
Cadmium	108-1	13.95	13.99	14.67	14.20	2.88	ppb
Calcium	43-1	97618.11	98401.97	98339.09	98119.72	0.44	ppb
Calcium	44-1	97416.52	98091.71	98754.85	98087.69	0.68	ppb
Chromium	52-2	19.94	20.38	20.02	20.11	1.16	ppb
Cobalt	59-2	1.25	1.23	1.24	1.24	0.64	ppb
Copper	63-2	7.16	7.57	7.26	7.33	2.93	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				99		%
Holmium	165-2				98		%
Indium	115-1				92		%
Indium	115-2				91		%
Iron	56-2	102593.09	104443.17	102886.55	103307.60	0.96	ppb
Iron	57-2	102178.99	105214.92	102356.87	103250.26	1.65	ppb
Krypton	83-1						cps
Lead	206-1	4.91	4.82	4.92	4.89	1.11	ppb
Lead	207-1	4.29	4.20	4.21	4.23	1.12	ppb
Lead	208-1	4.45	4.49	4.50	4.48	0.59	ppb
Lithium	6-1				94		%
Magnesium	24-2	102838.94	104049.90	103031.88	103306.91	0.63	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:21:34	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.00	8.02	8.02	8.01	0.13	ppb
Molybdenum	94-1	1365.31	1353.75	1344.64	1354.57	0.76	ppb
Molybdenum	95-1	1994.24	1994.89	1986.15	1991.76	0.24	ppb
Molybdenum	96-1	1918.74	1894.82	1900.17	1904.58	0.66	ppb
Molybdenum	97-1	1978.38	1963.72	1969.76	1970.62	0.37	ppb
Molybdenum	98-1	1985.72	1991.53	1984.50	1987.25	0.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.60	5.84	5.63	5.69	2.28	ppb
Phosphorus	31-2	98220.99	100187.40	98473.63	98960.68	1.08	ppb
Potassium	39-2	97921.15	99957.06	98494.22	98790.81	1.06	ppb
Rhodium	103-1				87		%
Rhodium	103-2				88		%
Scandium	45-1				92		%
Scandium	45-2				94		%
Selenium	77-2	0.48	0.50	0.00	0.33	86.63	ppb
Selenium	78-2	-0.04	0.24	0.14	0.12	124.70	ppb
Selenium	82-1	-0.32	-0.45	-0.48	-0.42		ppb
Silicon	28-1	20.24	19.44	17.99	19.23	5.92	ppb
Silver	109-1	0.06	0.07	0.08	0.07	14.33	ppb
Silver	107-1	0.05	0.05	0.07	0.06	16.13	ppb
Sodium	23-2	99223.40	99935.19	99381.25	99513.28	0.38	ppb
Strontium	86-1	35.02	34.01	33.96	34.33	1.75	ppb
Strontium	88-1	34.49	34.25	34.13	34.29	0.53	ppb
Sulfur	34-1	104075.47	104155.51	103890.79	104040.59	0.13	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	0.13	0.17	0.18	0.16	16.45	ppb
Thallium	205-1	0.15	0.19	0.20	0.18	14.98	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	6.09	ppb
Tin	118-1	0.19	0.16	0.18	0.18	7.14	ppb
Titanium	47-1	2047.74	2060.27	2057.08	2055.03	0.32	ppb
Uranium	238-1	0.01	0.01	0.02	0.01	8.26	ppb
Vanadium	51-2	0.14	0.17	0.18	0.16	10.43	ppb
Yttrium	89-1				94		%
Yttrium	89-2				93		%

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:21:34	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	12.73	12.63	12.09	12.48	2.76	ppb
Zirconium	90-1	0.02	0.02	0.03	0.03	15.48	ppb
Zirconium	91-1	0.02	0.06	-0.01	0.02	132.21	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:25:11	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88447.56	89512.71	90390.24	89450.17	1.09	ppb
Antimony	121-1	20.99	21.37	21.14	21.16	0.89	ppb
Arsenic	75-2	20.39	19.99	20.63	20.34	1.58	ppb
Barium	135-1	22.30	21.88	21.93	22.04	1.04	ppb
Barium	137-1	21.87	22.08	21.50	21.82	1.34	ppb
Beryllium	9-1	20.69	20.95	20.63	20.76	0.83	ppb
Bismuth	209-1				92		%
Bismuth	209-2				91		%
Boron	10-1	54.92	52.27	52.64	53.28	2.70	ppb
Boron	11-1	52.13	54.01	53.86	53.33	1.96	ppb
Cadmium	111-1	20.02	19.98	20.06	20.02	0.22	ppb
Cadmium	106-1	25.51	23.47	22.22	23.73	6.99	ppb
Cadmium	108-1	34.41	33.63	36.15	34.73	3.71	ppb
Calcium	43-1	97505.96	98088.68	98577.24	98057.30	0.55	ppb
Calcium	44-1	97585.01	99059.80	99242.20	98629.01	0.92	ppb
Chromium	52-2	40.26	40.54	40.71	40.50	0.56	ppb
Cobalt	59-2	21.53	21.78	22.12	21.81	1.35	ppb
Copper	63-2	25.91	26.33	26.04	26.09	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				100		%
Holmium	165-2				99		%
Indium	115-1				93		%
Indium	115-2				93		%
Iron	56-2	104012.71	103620.24	104764.29	104132.41	0.56	ppb
Iron	57-2	103329.96	103339.71	103673.54	103447.73	0.19	ppb
Krypton	83-1						cps
Lead	206-1	26.07	25.68	26.43	26.06	1.45	ppb
Lead	207-1	23.83	23.78	24.57	24.06	1.83	ppb
Lead	208-1	24.72	24.59	25.12	24.81	1.10	ppb
Lithium	6-1				93		%
Magnesium	24-2	102307.38	102625.43	103746.18	102893.00	0.73	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:25:11	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	28.06	28.20	28.73	28.33	1.24	ppb
Molybdenum	94-1	1449.19	1463.38	1475.32	1462.63	0.89	ppb
Molybdenum	95-1	2018.20	2034.63	2060.39	2037.74	1.04	ppb
Molybdenum	96-1	1952.62	1965.16	1991.23	1969.67	1.00	ppb
Molybdenum	97-1	2021.23	2017.89	2044.42	2027.85	0.71	ppb
Molybdenum	98-1	2021.85	2047.06	2061.32	2043.41	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.44	25.51	25.98	25.98	1.78	ppb
Phosphorus	31-2	96713.05	98876.12	100327.47	98638.88	1.84	ppb
Potassium	39-2	99012.89	99298.35	99774.55	99361.93	0.39	ppb
Rhodium	103-1				89		%
Rhodium	103-2				89		%
Scandium	45-1				93		%
Scandium	45-2				95		%
Selenium	77-2	16.54	21.28	21.73	19.85	14.50	ppb
Selenium	78-2	17.94	20.57	17.80	18.77	8.33	ppb
Selenium	82-1	19.05	20.95	19.00	19.67	5.65	ppb
Silicon	28-1	54.50	54.46	55.56	54.84	1.14	ppb
Silver	109-1	18.40	18.43	18.48	18.44	0.22	ppb
Silver	107-1	18.70	18.77	18.69	18.72	0.24	ppb
Sodium	23-2	99147.17	98977.43	100234.64	99453.08	0.69	ppb
Strontium	86-1	93.90	93.37	95.33	94.20	1.08	ppb
Strontium	88-1	92.54	93.51	95.97	94.01	1.88	ppb
Sulfur	34-1	102702.75	103420.65	104335.31	103486.24	0.79	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	20.65	20.26	20.74	20.55	1.22	ppb
Thallium	205-1	20.63	20.87	21.10	20.87	1.12	ppb
Thorium	232-1	0.36	0.37	0.38	0.37	3.19	ppb
Tin	118-1	48.75	49.44	48.29	48.83	1.19	ppb
Titanium	47-1	2102.31	2119.12	2115.93	2112.45	0.42	ppb
Uranium	238-1	49.05	48.80	50.30	49.38	1.63	ppb
Vanadium	51-2	20.00	20.03	20.24	20.09	0.65	ppb
Yttrium	89-1				95		%
Yttrium	89-2				95		%

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:25:11	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	31.55	32.06	31.78	31.80	0.80	ppb
Zirconium	90-1	47.06	48.05	48.31	47.80	1.38	ppb
Zirconium	91-1	48.21	49.62	49.36	49.06	1.53	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCV89	Instrumnet Name :	P7
Client Sample ID :	CCV89	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:28:48	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53986.59	54020.44	53797.45	53934.82	0.22	ppb
Antimony	121-1	492.23	490.71	485.92	489.62	0.67	ppb
Arsenic	75-2	513.21	507.07	513.65	511.31	0.72	ppb
Barium	135-1	2513.60	2516.20	2507.57	2512.46	0.18	ppb
Barium	137-1	2542.83	2539.92	2551.45	2544.73	0.24	ppb
Beryllium	9-1	504.85	506.08	505.38	505.44	0.12	ppb
Bismuth	209-1				89		%
Bismuth	209-2				86		%
Boron	10-1	501.14	499.85	499.92	500.30	0.15	ppb
Boron	11-1	497.58	508.69	510.95	505.74	1.42	ppb
Cadmium	111-1	506.97	508.66	507.90	507.84	0.17	ppb
Cadmium	106-1	516.47	509.61	515.62	513.90	0.73	ppb
Cadmium	108-1	506.61	502.12	505.77	504.83	0.47	ppb
Calcium	43-1	247086.34	240857.64	244422.43	244122.14	1.28	ppb
Calcium	44-1	246105.02	244036.03	246385.61	245508.89	0.52	ppb
Chromium	52-2	506.97	504.57	506.14	505.89	0.24	ppb
Cobalt	59-2	498.21	501.17	501.86	500.41	0.39	ppb
Copper	63-2	990.22	988.41	1000.16	992.93	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				96		%
Indium	115-1				91		%
Indium	115-2				89		%
Iron	56-2	131226.93	130796.18	131768.49	131263.87	0.37	ppb
Iron	57-2	131076.95	130802.24	131001.37	130960.19	0.11	ppb
Krypton	83-1						cps
Lead	206-1	519.12	510.33	515.84	515.10	0.86	ppb
Lead	207-1	515.31	511.04	511.55	512.63	0.45	ppb
Lead	208-1	519.38	511.42	515.52	515.44	0.77	ppb
Lithium	6-1				92		%
Magnesium	24-2	255763.93	256008.76	256450.71	256074.47	0.14	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCV89	Instrumnet Name :	P7
Client Sample ID :	CCV89	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:28:48	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	999.70	1008.53	1011.19	1006.47	0.60	ppb
Molybdenum	94-1	2564.45	2525.96	2555.33	2548.58	0.79	ppb
Molybdenum	95-1	2558.10	2520.67	2546.85	2541.87	0.76	ppb
Molybdenum	96-1	2538.09	2501.20	2524.48	2521.26	0.74	ppb
Molybdenum	97-1	2532.18	2528.76	2547.84	2536.26	0.40	ppb
Molybdenum	98-1	2534.23	2521.75	2531.56	2529.18	0.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.05	492.82	496.07	493.65	0.43	ppb
Phosphorus	31-2	10008.14	10268.51	9822.46	10033.03	2.23	ppb
Potassium	39-2	127363.22	128781.29	128190.74	128111.75	0.56	ppb
Rhodium	103-1				86		%
Rhodium	103-2				85		%
Scandium	45-1				92		%
Scandium	45-2				93		%
Selenium	77-2	532.92	508.92	514.92	518.92	2.41	ppb
Selenium	78-2	515.80	517.12	512.49	515.14	0.46	ppb
Selenium	82-1	509.86	506.08	509.15	508.36	0.39	ppb
Silicon	28-1	442.51	443.97	458.49	448.32	1.97	ppb
Silver	109-1	497.64	499.31	495.08	497.34	0.43	ppb
Silver	107-1	497.46	496.42	498.26	497.38	0.19	ppb
Sodium	23-2	249516.40	249905.52	251247.75	250223.22	0.36	ppb
Strontium	86-1	506.22	497.90	505.75	503.29	0.93	ppb
Strontium	88-1	504.17	500.79	506.16	503.71	0.54	ppb
Sulfur	34-1	9889.80	9775.96	9821.87	9829.21	0.58	ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	510.50	504.48	513.71	509.56	0.92	ppb
Thallium	205-1	517.79	512.81	521.49	517.36	0.84	ppb
Thorium	232-1	531.22	526.98	534.54	530.92	0.71	ppb
Tin	118-1	498.29	497.18	496.01	497.16	0.23	ppb
Titanium	47-1	2558.51	2513.10	2554.92	2542.18	0.99	ppb
Uranium	238-1	531.03	524.76	534.99	530.26	0.97	ppb
Vanadium	51-2	512.20	511.30	510.19	511.23	0.20	ppb
Yttrium	89-1				95		%
Yttrium	89-2				93		%

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCV89	Instrumnet Name :	P7
Client Sample ID :	CCV89	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:28:48	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1014.40	1012.51	1023.60	1016.84	0.58	ppb
Zirconium	90-1	512.37	509.79	512.91	511.69	0.33	ppb
Zirconium	91-1	515.42	505.97	508.90	510.10	0.95	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P7
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:40:05	DataFile Name :	019LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.05	17.52	18.04	17.20	6.00	ppb
Antimony	121-1	2.00	1.86	1.97	1.94	3.95	ppb
Arsenic	75-2	0.80	0.97	1.01	0.93	12.05	ppb
Barium	135-1	9.80	9.39	9.47	9.55	2.31	ppb
Barium	137-1	9.71	9.48	9.45	9.55	1.49	ppb
Beryllium	9-1	0.98	0.96	0.97	0.97	1.04	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	25.38	26.16	27.13	26.23	3.35	ppb
Boron	11-1	25.92	26.18	26.35	26.15	0.82	ppb
Cadmium	111-1	1.00	0.77	1.04	0.94	15.21	ppb
Cadmium	106-1	0.66	0.70	1.09	0.81	29.00	ppb
Cadmium	108-1	0.80	1.44	1.02	1.09	29.65	ppb
Calcium	43-1	449.06	412.61	449.43	437.03	4.84	ppb
Calcium	44-1	437.18	432.66	436.51	435.45	0.56	ppb
Chromium	52-2	1.90	1.83	1.82	1.85	2.31	ppb
Cobalt	59-2	0.94	0.91	0.94	0.93	1.99	ppb
Copper	63-2	1.79	1.85	1.79	1.81	1.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	53.04	50.90	51.38	51.78	2.17	ppb
Iron	57-2	52.44	58.37	54.84	55.21	5.40	ppb
Krypton	83-1						cps
Lead	206-1	0.89	0.88	0.89	0.88	0.85	ppb
Lead	207-1	0.87	0.89	0.85	0.87	1.85	ppb
Lead	208-1	0.88	0.89	0.87	0.88	1.58	ppb
Lithium	6-1				104		%
Magnesium	24-2	498.21	484.66	488.09	490.32	1.44	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P7
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:40:05	DataFile Name :	019LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.92	0.95	1.00	0.96	4.01	ppb
Molybdenum	94-1	4.60	4.76	4.78	4.71	2.14	ppb
Molybdenum	95-1	4.87	4.86	4.79	4.84	0.83	ppb
Molybdenum	96-1	4.80	4.83	4.67	4.77	1.84	ppb
Molybdenum	97-1	4.79	4.68	4.91	4.79	2.43	ppb
Molybdenum	98-1	4.91	4.68	4.80	4.80	2.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	0.93	0.88	0.93	5.62	ppb
Phosphorus	31-2	52.59	37.27	23.80	37.89	38.03	ppb
Potassium	39-2	474.96	446.33	451.75	457.68	3.32	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	77-2	5.87	3.17	3.64	4.22	34.13	ppb
Selenium	78-2	3.73	5.57	6.50	5.26	26.79	ppb
Selenium	82-1	4.67	5.44	5.05	5.05	7.65	ppb
Silicon	28-1	6.21	6.20	6.69	6.37	4.40	ppb
Silver	109-1	1.04	1.05	0.99	1.03	3.00	ppb
Silver	107-1	1.00	1.05	1.00	1.02	3.02	ppb
Sodium	23-2	470.22	461.11	465.11	465.48	0.98	ppb
Strontium	86-1	0.97	0.86	0.90	0.91	6.37	ppb
Strontium	88-1	0.93	0.87	0.91	0.90	3.21	ppb
Sulfur	34-1	-16.06	-124.35	20.66	-39.92		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.92	0.86	0.83	0.87	5.07	ppb
Thallium	205-1	0.89	0.89	0.89	0.89	0.43	ppb
Thorium	232-1	0.82	0.82	0.82	0.82	0.65	ppb
Tin	118-1	4.96	4.96	4.95	4.96	0.10	ppb
Titanium	47-1	4.48	4.37	4.92	4.59	6.33	ppb
Uranium	238-1	0.80	0.81	0.79	0.80	1.11	ppb
Vanadium	51-2	4.97	4.87	4.73	4.86	2.47	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P7
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:40:05	DataFile Name :	019LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.01	1.84	1.96	1.94	4.48	ppb
Zirconium	90-1	0.90	0.91	0.89	0.90	1.16	ppb
Zirconium	91-1	0.79	0.89	0.89	0.86	6.76	ppb

LB Number : LB102841 Operator : Jaswal
 Lab Sample ID : CCB89 Instrumnet Name : P7
 Client Sample ID : CCB89 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-17 14:43:41 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.36	0.46	0.06	0.30	70.42	ppb
Antimony	121-1	0.02	0.03	0.06	0.04	47.59	ppb
Arsenic	75-2	0.02	-0.01	-0.01	0.00		ppb
Barium	135-1	0.01	0.01	0.02	0.01	44.08	ppb
Barium	137-1	0.00	0.00	0.01	0.00	328.50	ppb
Beryllium	9-1	0.01	0.02	0.00	0.01	77.25	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	3.26	3.64	3.51	3.47	5.65	ppb
Boron	11-1	3.82	3.71	3.37	3.63	6.46	ppb
Cadmium	111-1	0.02	0.00	-0.03	-0.01		ppb
Cadmium	106-1	0.19	-0.11	-0.39	-0.10		ppb
Cadmium	108-1	-0.01	-0.01	0.04	0.01	371.33	ppb
Calcium	43-1	-0.19	-0.17	2.26	0.63	222.08	ppb
Calcium	44-1	-0.08	0.57	0.65	0.38	106.05	ppb
Chromium	52-2	-0.01	-0.04	-0.06	-0.04		ppb
Cobalt	59-2	-0.01	0.00	-0.01	0.00		ppb
Copper	63-2	0.04	0.02	0.05	0.03	49.15	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				101		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	0.18	0.25	0.18	0.20	18.14	ppb
Iron	57-2	0.19	-0.04	-0.04	0.04	359.86	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.01	0.02	0.02	43.06	ppb
Lead	207-1	0.03	0.01	0.02	0.02	53.33	ppb
Lead	208-1	0.02	0.02	0.02	0.02	23.21	ppb
Lithium	6-1				103		%
Magnesium	24-2	0.75	0.66	0.57	0.66	13.89	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCB89	Instrumnet Name :	P7
Client Sample ID :	CCB89	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:43:41	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.01	0.00	0.00	473.19	ppb
Molybdenum	94-1	0.06	0.06	0.08	0.06	16.98	ppb
Molybdenum	95-1	0.08	0.06	0.07	0.07	8.44	ppb
Molybdenum	96-1	0.08	0.06	0.09	0.08	17.00	ppb
Molybdenum	97-1	0.06	0.05	0.08	0.06	26.52	ppb
Molybdenum	98-1	0.08	0.06	0.07	0.07	14.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.05	0.01	0.02	89.10	ppb
Phosphorus	31-2	-16.81	-24.63	-20.69	-20.71		ppb
Potassium	39-2	6.23	2.52	3.92	4.22	44.41	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.18	0.24	-0.21	0.07	342.05	ppb
Selenium	82-1	-0.36	-0.39	-0.02	-0.26		ppb
Silicon	28-1	0.33	0.12	0.41	0.28	53.18	ppb
Silver	109-1	0.00	0.00	0.00	0.00	10.31	ppb
Silver	107-1	0.00	0.01	0.00	0.00	209.27	ppb
Sodium	23-2	8.07	8.33	8.94	8.45	5.32	ppb
Strontium	86-1	0.02	0.02	0.02	0.02	13.12	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	61.36	28.39	111.31	67.02	62.29	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.01	0.02	0.02	19.39	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	10.41	ppb
Thorium	232-1	0.00	0.00	0.01	0.00	35.78	ppb
Tin	118-1	0.01	0.01	0.01	0.01	26.74	ppb
Titanium	47-1	0.02	0.01	0.12	0.05	118.84	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	312.65	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCB89	Instrumnet Name :	P7
Client Sample ID :	CCB89	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:43:41	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.01	0.18	0.12	0.10	82.31	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	83.05	ppb
Zirconium	91-1	-0.01	0.00	0.00	0.00		ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:47:31	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.47	18.27	18.45	17.73	6.18	ppb
Antimony	121-1	1.85	1.83	1.72	1.80	3.75	ppb
Arsenic	75-2	0.87	0.84	0.81	0.84	3.69	ppb
Barium	135-1	9.55	9.33	9.42	9.43	1.20	ppb
Barium	137-1	9.52	9.05	9.17	9.25	2.63	ppb
Beryllium	9-1	0.89	0.93	1.00	0.94	5.87	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	23.79	24.62	24.12	24.18	1.72	ppb
Boron	11-1	23.52	24.33	25.03	24.29	3.11	ppb
Cadmium	111-1	1.17	0.96	1.10	1.08	10.24	ppb
Cadmium	106-1	2.93	1.72	2.93	2.53	27.72	ppb
Cadmium	108-1	0.99	0.72	0.88	0.86	15.90	ppb
Calcium	43-1	423.22	420.16	440.49	427.96	2.56	ppb
Calcium	44-1	438.68	434.01	439.12	437.27	0.65	ppb
Chromium	52-2	1.91	1.70	1.89	1.83	6.28	ppb
Cobalt	59-2	0.93	0.94	0.93	0.93	0.64	ppb
Copper	63-2	1.86	1.76	1.81	1.81	2.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	50.66	51.12	49.34	50.37	1.83	ppb
Iron	57-2	50.54	55.83	45.57	50.65	10.12	ppb
Krypton	83-1						cps
Lead	206-1	0.93	0.91	0.91	0.91	1.47	ppb
Lead	207-1	0.87	0.84	0.79	0.83	4.54	ppb
Lead	208-1	0.87	0.88	0.84	0.86	2.32	ppb
Lithium	6-1				103		%
Magnesium	24-2	488.06	473.21	480.56	480.61	1.55	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:47:31	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.01	0.95	0.95	0.97	3.64	ppb
Molybdenum	94-1	4.63	4.58	4.50	4.57	1.48	ppb
Molybdenum	95-1	4.85	4.68	4.73	4.75	1.77	ppb
Molybdenum	96-1	4.58	4.80	4.53	4.64	3.11	ppb
Molybdenum	97-1	4.91	4.76	4.76	4.81	1.89	ppb
Molybdenum	98-1	4.62	4.76	4.71	4.70	1.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	0.93	1.09	1.03	8.53	ppb
Phosphorus	31-2	27.33	28.16	18.30	24.60	22.24	ppb
Potassium	39-2	454.26	441.46	446.84	447.52	1.44	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	77-2	3.66	6.79	9.95	6.80	46.29	ppb
Selenium	78-2	5.42	5.21	6.08	5.57	8.19	ppb
Selenium	82-1	4.33	4.50	5.28	4.70	10.80	ppb
Silicon	28-1	6.42	6.86	7.12	6.80	5.22	ppb
Silver	109-1	1.00	1.05	0.98	1.01	3.48	ppb
Silver	107-1	1.01	1.01	1.05	1.02	2.00	ppb
Sodium	23-2	459.58	447.32	454.09	453.66	1.35	ppb
Strontium	86-1	0.93	0.96	0.80	0.89	9.77	ppb
Strontium	88-1	0.89	0.90	0.91	0.90	1.27	ppb
Sulfur	34-1	278.65	330.04	316.70	308.46	8.65	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.93	0.91	0.83	0.89	5.69	ppb
Thallium	205-1	0.90	0.87	0.85	0.88	2.79	ppb
Thorium	232-1	0.80	0.80	0.80	0.80	0.26	ppb
Tin	118-1	4.90	4.92	4.99	4.94	0.99	ppb
Titanium	47-1	4.76	4.80	4.40	4.65	4.76	ppb
Uranium	238-1	0.81	0.79	0.82	0.81	1.43	ppb
Vanadium	51-2	4.81	4.76	4.69	4.76	1.26	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:47:31	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.02	1.67	1.90	1.86	9.51	ppb
Zirconium	90-1	0.86	0.88	0.91	0.88	2.50	ppb
Zirconium	91-1	0.91	0.84	0.83	0.86	5.05	ppb

LB Number : LB102841 Operator : Jaswal
 Lab Sample ID : PBW Instrumnet Name : P7
 Client Sample ID : PBW Dilution Factor : 1
 Date & Time Acquired :: 2019-05-17 14:51:07 DataFile Name : 022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.36	0.46	0.37	0.39	13.37	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	19.25	ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.02	0.02	0.00	0.01	62.50	ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.02	-0.01	0.01	0.01	149.03	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	1.84	2.48	2.63	2.32	18.00	ppb
Boron	11-1	2.51	2.34	2.00	2.28	11.38	ppb
Cadmium	111-1	-0.07	0.04	0.04	0.01	1227.85	ppb
Cadmium	106-1	-0.87	0.44	0.49	0.02	3868.82	ppb
Cadmium	108-1	0.02	-0.06	-0.01	-0.02		ppb
Calcium	43-1	0.81	2.87	0.47	1.39	93.68	ppb
Calcium	44-1	1.19	2.51	1.65	1.79	37.57	ppb
Chromium	52-2	0.01	-0.03	-0.03	-0.02		ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.02	0.03	0.05	0.03	54.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	0.58	0.66	0.58	0.61	7.46	ppb
Iron	57-2	-0.52	0.41	-0.02	-0.04		ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.02	0.00	0.01	61.92	ppb
Lead	207-1	0.01	0.01	0.02	0.01	35.84	ppb
Lead	208-1	0.01	0.01	0.01	0.01	23.58	ppb
Lithium	6-1				104		%
Magnesium	24-2	2.24	3.80	2.42	2.82	30.19	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P7
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:51:07	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.00	0.00	0.00		ppb
Molybdenum	94-1	0.01	0.01	0.04	0.02	79.09	ppb
Molybdenum	95-1	0.04	0.04	0.03	0.04	7.27	ppb
Molybdenum	96-1	0.03	0.03	0.03	0.03	13.53	ppb
Molybdenum	97-1	0.04	0.04	0.08	0.05	45.20	ppb
Molybdenum	98-1	0.03	0.04	0.02	0.03	26.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	-0.01	0.01	208.79	ppb
Phosphorus	31-2	-18.75	-11.08	-18.52	-16.11		ppb
Potassium	39-2	4.94	5.88	4.86	5.23	10.92	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.50	-0.06	0.33	-0.08		ppb
Selenium	82-1	-0.20	-0.42	0.03	-0.19		ppb
Silicon	28-1	-0.87	-0.60	-0.84	-0.77		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.01	0.00	0.00	0.00	672.84	ppb
Sodium	23-2	9.60	6.93	7.38	7.97	17.94	ppb
Strontium	86-1	0.04	0.04	-0.01	0.02	129.54	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	105.22	206.20	46.52	119.31	67.69	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.01	0.01	0.01	3.86	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	19.80	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	84.66	ppb
Tin	118-1	-0.01	-0.01	0.01	0.00		ppb
Titanium	47-1	-0.02	0.04	0.03	0.02	156.84	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	69.29	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P7
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:51:07	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.04	-0.02	-0.11	-0.06		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	41.55	ppb
Zirconium	91-1	0.00	-0.01	0.00	0.00		ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P7
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:54:44	DataFile Name :	023LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9837.35	9690.94	9796.67	9774.99	0.77	ppb
Antimony	121-1	518.46	505.85	514.36	512.89	1.25	ppb
Arsenic	75-2	515.89	522.44	521.03	519.79	0.66	ppb
Barium	135-1	2547.86	2519.62	2559.24	2542.24	0.80	ppb
Barium	137-1	2596.89	2577.59	2597.20	2590.56	0.43	ppb
Beryllium	9-1	515.04	511.54	512.35	512.98	0.36	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Boron	10-1	492.05	495.78	496.22	494.68	0.46	ppb
Boron	11-1	484.08	493.49	504.00	493.86	2.02	ppb
Cadmium	111-1	505.88	497.13	504.70	502.57	0.94	ppb
Cadmium	106-1	501.90	503.37	510.59	505.28	0.92	ppb
Cadmium	108-1	513.50	502.01	501.36	505.62	1.35	ppb
Calcium	43-1	50257.17	49556.31	50221.41	50011.63	0.79	ppb
Calcium	44-1	50578.06	49938.86	50486.47	50334.46	0.69	ppb
Chromium	52-2	513.05	511.43	510.34	511.61	0.27	ppb
Cobalt	59-2	512.56	516.29	515.73	514.86	0.39	ppb
Copper	63-2	946.50	947.11	942.60	945.40	0.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	56-2	26779.21	26616.17	26585.14	26660.17	0.39	ppb
Iron	57-2	26168.35	26344.00	25978.28	26163.55	0.70	ppb
Krypton	83-1						cps
Lead	206-1	511.89	503.35	503.28	506.18	0.98	ppb
Lead	207-1	504.42	500.82	503.31	502.85	0.37	ppb
Lead	208-1	507.48	502.99	505.31	505.26	0.44	ppb
Lithium	6-1				98		%
Magnesium	24-2	53616.45	52997.59	53500.08	53371.38	0.62	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P7
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:54:44	DataFile Name :	023LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1033.71	1037.15	1027.35	1032.74	0.48	ppb
Molybdenum	94-1	2531.02	2508.08	2519.40	2519.50	0.46	ppb
Molybdenum	95-1	2545.05	2524.26	2538.70	2536.00	0.42	ppb
Molybdenum	96-1	2527.58	2508.74	2528.36	2521.56	0.44	ppb
Molybdenum	97-1	2537.78	2530.87	2530.14	2532.93	0.17	ppb
Molybdenum	98-1	2520.69	2513.96	2522.44	2519.03	0.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	523.15	521.49	519.34	521.33	0.37	ppb
Phosphorus	31-2	10245.64	10415.48	10256.11	10305.74	0.92	ppb
Potassium	39-2	25175.16	25177.16	25041.32	25131.21	0.31	ppb
Rhodium	103-1				91		%
Rhodium	103-2				93		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	77-2	513.27	534.42	548.34	532.01	3.32	ppb
Selenium	78-2	510.80	519.10	513.14	514.35	0.83	ppb
Selenium	82-1	524.79	517.62	521.04	521.15	0.69	ppb
Silicon	28-1	504.06	513.78	530.29	516.04	2.57	ppb
Silver	109-1	485.72	483.75	487.36	485.61	0.37	ppb
Silver	107-1	492.36	487.28	489.46	489.70	0.52	ppb
Sodium	23-2	51349.98	50777.10	50513.96	50880.35	0.84	ppb
Strontium	86-1	506.90	505.24	505.29	505.81	0.19	ppb
Strontium	88-1	505.76	502.30	505.15	504.40	0.37	ppb
Sulfur	34-1	10282.52	10187.67	10371.59	10280.59	0.89	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	500.83	498.35	497.15	498.78	0.38	ppb
Thallium	205-1	510.55	506.26	506.09	507.63	0.50	ppb
Thorium	232-1	499.55	496.12	497.62	497.76	0.35	ppb
Tin	118-1	509.41	502.04	509.89	507.11	0.87	ppb
Titanium	47-1	2546.88	2563.62	2577.79	2562.76	0.60	ppb
Uranium	238-1	501.28	494.02	496.74	497.35	0.74	ppb
Vanadium	51-2	514.87	512.96	509.06	512.30	0.58	ppb
Yttrium	89-1				96		%
Yttrium	89-2				96		%

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P7
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:54:44	DataFile Name :	023LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1007.86	1011.89	1009.34	1009.70	0.20	ppb
Zirconium	90-1	508.65	506.87	507.44	507.65	0.18	ppb
Zirconium	91-1	506.52	505.30	506.55	506.13	0.14	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	LLOQ-WATER	Instrumnet Name :	P7
Client Sample ID :	LLOQ-WATER	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 15:07:24	DataFile Name :	025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.80	16.54	16.91	17.08	3.77	ppb
Antimony	121-1	1.64	1.78	1.85	1.75	6.06	ppb
Arsenic	75-2	1.02	0.93	0.81	0.92	11.12	ppb
Barium	135-1	8.26	9.13	9.33	8.91	6.35	ppb
Barium	137-1	8.56	9.50	9.75	9.27	6.81	ppb
Beryllium	9-1	0.87	0.98	0.97	0.94	6.14	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	25.09	25.78	25.56	25.48	1.39	ppb
Boron	11-1	23.60	26.43	24.77	24.94	5.70	ppb
Cadmium	111-1	0.85	0.90	0.98	0.91	6.92	ppb
Cadmium	106-1	1.47	0.46	0.98	0.97	52.26	ppb
Cadmium	108-1	0.82	0.89	1.05	0.92	13.09	ppb
Calcium	43-1	382.05	438.46	430.63	417.04	7.33	ppb
Calcium	44-1	389.20	455.02	438.82	427.68	8.02	ppb
Chromium	52-2	1.82	1.80	1.73	1.78	2.57	ppb
Cobalt	59-2	0.97	0.92	0.90	0.93	3.54	ppb
Copper	63-2	1.65	1.81	1.70	1.72	4.90	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				102		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	50.37	50.23	49.80	50.14	0.59	ppb
Iron	57-2	48.61	51.42	50.91	50.32	2.97	ppb
Krypton	83-1						cps
Lead	206-1	0.79	0.92	0.89	0.87	8.04	ppb
Lead	207-1	0.77	0.88	0.88	0.84	7.78	ppb
Lead	208-1	0.77	0.89	0.89	0.85	7.89	ppb
Lithium	6-1				102		%
Magnesium	24-2	480.49	476.05	472.99	476.51	0.79	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	LLOQ-WATER	Instrumnet Name :	P7
Client Sample ID :	LLOQ-WATER	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 15:07:24	DataFile Name :	025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.97	0.94	0.84	0.92	7.28	ppb
Molybdenum	94-1	4.33	4.95	4.87	4.72	7.18	ppb
Molybdenum	95-1	4.44	4.93	4.75	4.70	5.33	ppb
Molybdenum	96-1	4.12	4.66	4.66	4.48	6.88	ppb
Molybdenum	97-1	4.50	4.93	4.50	4.64	5.35	ppb
Molybdenum	98-1	4.25	4.78	4.61	4.55	5.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	1.04	0.96	1.02	4.90	ppb
Phosphorus	31-2	17.10	31.21	12.55	20.29	47.98	ppb
Potassium	39-2	441.74	441.47	427.40	436.87	1.88	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	77-2	7.29	7.74	4.53	6.52	26.71	ppb
Selenium	78-2	5.77	4.74	5.51	5.34	10.09	ppb
Selenium	82-1	4.48	5.26	5.34	5.03	9.48	ppb
Silicon	28-1	3.81	7.05	6.25	5.70	29.59	ppb
Silver	109-1	0.98	1.04	0.99	1.00	2.86	ppb
Silver	107-1	0.98	1.04	1.10	1.04	5.51	ppb
Sodium	23-2	440.90	442.70	434.79	439.46	0.94	ppb
Strontium	86-1	0.80	0.91	0.97	0.89	9.83	ppb
Strontium	88-1	0.81	0.89	0.92	0.87	6.21	ppb
Sulfur	34-1	-578.03	300.60	135.20	-47.41		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.81	0.81	0.82	0.81	0.69	ppb
Thallium	205-1	0.79	0.91	0.87	0.85	7.26	ppb
Thorium	232-1	0.74	0.84	0.81	0.79	6.68	ppb
Tin	118-1	4.46	4.89	4.89	4.74	5.25	ppb
Titanium	47-1	4.37	5.00	5.12	4.83	8.40	ppb
Uranium	238-1	0.74	0.83	0.81	0.79	5.95	ppb
Vanadium	51-2	4.67	4.62	4.50	4.60	1.89	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	LLOQ-WATER	Instrumnet Name :	P7
Client Sample ID :	LLOQ-WATER	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 15:07:24	DataFile Name :	025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.62	1.63	1.56	1.60	2.51	ppb
Zirconium	90-1	0.80	0.90	0.85	0.85	5.89	ppb
Zirconium	91-1	0.77	0.85	0.86	0.83	6.19	ppb

LB Number : LB102841 Operator : Jaswal
 Lab Sample ID : PBS Instrumnet Name : P7
 Client Sample ID : PBS Dilution Factor : 1
 Date & Time Acquired :: 2019-05-17 15:11:01 DataFile Name : 026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.14	0.47	-0.24	0.03	1222.56	ppb
Antimony	121-1	0.02	0.03	0.02	0.02	25.32	ppb
Arsenic	75-2	0.01	0.03	-0.01	0.01	153.68	ppb
Barium	135-1	0.00	0.02	0.00	0.01	86.19	ppb
Barium	137-1	0.00	0.00	0.00	0.00	147.39	ppb
Beryllium	9-1	0.03	0.02	0.03	0.03	28.53	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	3.66	3.66	3.10	3.48	9.34	ppb
Boron	11-1	2.96	3.15	3.36	3.16	6.35	ppb
Cadmium	111-1	0.00	0.01	0.02	0.01	159.38	ppb
Cadmium	106-1	-0.06	0.05	0.29	0.10	188.11	ppb
Cadmium	108-1	-0.04	-0.04	0.07	0.00	33203.44	ppb
Calcium	43-1	2.22	-0.81	-1.15	0.09	2136.60	ppb
Calcium	44-1	-1.80	-1.22	-1.41	-1.48		ppb
Chromium	52-2	-0.02	-0.01	-0.02	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	707.59	ppb
Copper	63-2	0.02	0.02	0.03	0.02	32.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	0.06	-0.05	-0.11	-0.03		ppb
Iron	57-2	-0.15	-0.03	0.30	0.04	547.75	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.00	0.01	0.01	33.25	ppb
Lead	207-1	0.00	0.02	0.02	0.01	64.74	ppb
Lead	208-1	0.01	0.01	0.01	0.01	24.11	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.86	0.67	0.42	0.65	33.85	ppb

LB Number : LB102841 Operator : Jaswal
 Lab Sample ID : PBS Instrumnet Name : P7
 Client Sample ID : PBS Dilution Factor : 1
 Date & Time Acquired :: 2019-05-17 15:11:01 DataFile Name : 026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	-0.01	-0.01		ppb
Molybdenum	94-1	0.01	0.04	0.02	0.02	67.69	ppb
Molybdenum	95-1	0.03	0.03	0.02	0.03	22.54	ppb
Molybdenum	96-1	0.03	0.04	0.03	0.04	16.81	ppb
Molybdenum	97-1	0.03	0.06	0.04	0.04	29.42	ppb
Molybdenum	98-1	0.04	0.02	0.04	0.04	25.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	0.02	0.01	69.19	ppb
Phosphorus	31-2	-20.57	-8.62	-28.69	-19.29		ppb
Potassium	39-2	-0.95	-0.30	-1.66	-0.97		ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	77-2	0.00	0.00	0.45	0.15	173.21	ppb
Selenium	78-2	0.02	0.61	0.87	0.50	88.02	ppb
Selenium	82-1	-0.20	0.50	-0.51	-0.07		ppb
Silicon	28-1	-0.73	-0.54	-0.77	-0.68		ppb
Silver	109-1	0.01	0.01	0.01	0.01	26.92	ppb
Silver	107-1	0.01	0.00	0.00	0.00	36.88	ppb
Sodium	23-2	2.89	3.33	3.15	3.12	6.99	ppb
Strontium	86-1	0.03	-0.01	-0.02	0.00	2535.36	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-78.24	-70.59	-56.96	-68.60		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.01	0.01	0.01	39.22	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	15.18	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	17.77	ppb
Tin	118-1	-0.01	0.00	0.00	0.00		ppb
Titanium	47-1	0.02	0.00	0.03	0.02	78.86	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	176.42	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P7
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 15:11:01	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.06	-0.11	-0.08	-0.08		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	37.22	ppb
Zirconium	91-1	-0.01	-0.01	0.00	-0.01		ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P7
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 15:14:38	DataFile Name :	027LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9532.82	9316.81	10244.75	9698.13	5.01	ppb
Antimony	121-1	496.36	514.83	484.99	498.73	3.02	ppb
Arsenic	75-2	502.73	490.48	546.37	513.19	5.72	ppb
Barium	135-1	2478.21	2574.71	2408.36	2487.09	3.36	ppb
Barium	137-1	2509.80	2606.46	2442.02	2519.43	3.28	ppb
Beryllium	9-1	506.94	518.26	490.98	505.39	2.71	ppb
Bismuth	209-1				95		%
Bismuth	209-2				92		%
Boron	10-1	475.79	496.08	485.97	485.94	2.09	ppb
Boron	11-1	476.81	503.10	486.85	488.92	2.71	ppb
Cadmium	111-1	483.01	509.83	482.72	491.85	3.17	ppb
Cadmium	106-1	493.89	506.18	473.26	491.11	3.39	ppb
Cadmium	108-1	494.56	505.29	484.37	494.74	2.11	ppb
Calcium	43-1	48822.31	49860.86	47468.36	48717.18	2.46	ppb
Calcium	44-1	49137.79	50404.14	48020.15	49187.36	2.42	ppb
Chromium	52-2	494.71	486.98	536.28	505.99	5.24	ppb
Cobalt	59-2	500.27	490.85	539.10	510.08	5.01	ppb
Copper	63-2	920.03	894.77	984.39	933.06	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				99		%
Holmium	165-2				97		%
Indium	115-1				93		%
Indium	115-2				92		%
Iron	56-2	25861.99	25195.17	27750.72	26269.29	5.05	ppb
Iron	57-2	25452.09	24995.85	27379.62	25942.52	4.88	ppb
Krypton	83-1						cps
Lead	206-1	486.16	501.60	478.53	488.76	2.40	ppb
Lead	207-1	487.58	503.78	468.11	486.49	3.67	ppb
Lead	208-1	490.74	504.09	473.95	489.60	3.08	ppb
Lithium	6-1				95		%
Magnesium	24-2	52105.85	50769.09	56475.57	53116.84	5.62	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P7
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 15:14:38	DataFile Name :	027LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	994.68	977.57	1073.01	1015.09	5.01	ppb
Molybdenum	94-1	2466.23	2526.23	2398.21	2463.56	2.60	ppb
Molybdenum	95-1	2489.14	2565.73	2413.54	2489.47	3.06	ppb
Molybdenum	96-1	2465.40	2550.50	2401.22	2472.37	3.03	ppb
Molybdenum	97-1	2455.80	2520.75	2393.93	2456.83	2.58	ppb
Molybdenum	98-1	2461.62	2550.02	2402.21	2471.28	3.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.47	493.98	544.87	512.77	5.45	ppb
Phosphorus	31-2	10031.44	9843.93	10492.16	10122.51	3.30	ppb
Potassium	39-2	24206.66	23697.53	26127.95	24677.38	5.19	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	77-2	500.63	508.04	556.34	521.67	5.80	ppb
Selenium	78-2	509.50	490.65	532.46	510.87	4.10	ppb
Selenium	82-1	507.21	520.26	488.26	505.25	3.18	ppb
Silicon	28-1	486.81	516.04	494.77	499.21	3.03	ppb
Silver	109-1	481.88	495.35	467.71	481.65	2.87	ppb
Silver	107-1	479.79	497.22	467.53	481.51	3.10	ppb
Sodium	23-2	49385.98	48281.36	53249.49	50305.61	5.19	ppb
Strontium	86-1	494.93	511.79	478.21	494.98	3.39	ppb
Strontium	88-1	492.81	511.76	478.00	494.19	3.43	ppb
Sulfur	34-1	9897.37	10379.30	9694.71	9990.46	3.52	ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	482.32	496.93	472.78	484.01	2.51	ppb
Thallium	205-1	492.04	503.37	479.20	491.54	2.46	ppb
Thorium	232-1	487.44	502.41	473.38	487.74	2.98	ppb
Tin	118-1	496.44	514.24	487.11	499.27	2.76	ppb
Titanium	47-1	2465.45	2546.78	2419.81	2477.35	2.60	ppb
Uranium	238-1	484.30	502.59	471.78	486.22	3.19	ppb
Vanadium	51-2	496.43	483.81	534.87	505.04	5.27	ppb
Yttrium	89-1				95		%
Yttrium	89-2				93		%

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P7
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 15:14:38	DataFile Name :	027LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	946.65	911.46	1005.52	954.54	4.98	ppb
Zirconium	90-1	496.92	504.64	479.20	493.59	2.64	ppb
Zirconium	91-1	495.92	506.23	477.61	493.25	2.94	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	LLOQ-SOIL	Instrumnet Name :	P7
Client Sample ID :	LLOQ-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 15:24:56	DataFile Name :	028LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.31	20.23	21.75	19.43	14.45	ppb
Antimony	121-1	1.89	1.97	1.94	1.93	2.17	ppb
Arsenic	75-2	0.92	0.83	1.06	0.94	12.43	ppb
Barium	135-1	9.34	9.24	9.31	9.30	0.54	ppb
Barium	137-1	9.42	9.16	9.29	9.29	1.40	ppb
Beryllium	9-1	0.98	0.91	0.94	0.94	3.66	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Boron	10-1	25.82	26.19	26.64	26.22	1.58	ppb
Boron	11-1	25.78	26.11	26.18	26.02	0.83	ppb
Cadmium	111-1	0.78	0.88	0.99	0.89	11.76	ppb
Cadmium	106-1	0.13	0.32	1.07	0.51	98.53	ppb
Cadmium	108-1	0.72	0.75	0.92	0.80	13.25	ppb
Calcium	43-1	420.78	426.94	447.38	431.70	3.23	ppb
Calcium	44-1	431.69	434.81	432.75	433.08	0.37	ppb
Chromium	52-2	1.81	1.85	1.89	1.85	2.21	ppb
Cobalt	59-2	0.98	0.94	0.94	0.95	2.57	ppb
Copper	63-2	1.71	1.84	1.74	1.76	3.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	52.07	52.08	51.37	51.84	0.79	ppb
Iron	57-2	49.96	50.01	49.05	49.67	1.09	ppb
Krypton	83-1						cps
Lead	206-1	0.89	0.90	0.90	0.90	0.88	ppb
Lead	207-1	0.85	0.81	0.93	0.87	7.24	ppb
Lead	208-1	0.86	0.85	0.88	0.87	1.65	ppb
Lithium	6-1				99		%
Magnesium	24-2	488.65	496.51	484.22	489.79	1.27	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	LLOQ-SOIL	Instrumnet Name :	P7
Client Sample ID :	LLOQ-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 15:24:56	DataFile Name :	028LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.92	0.88	1.03	0.94	8.21	ppb
Molybdenum	94-1	4.59	4.58	4.72	4.63	1.70	ppb
Molybdenum	95-1	4.59	4.66	4.61	4.62	0.86	ppb
Molybdenum	96-1	4.70	4.68	4.80	4.73	1.35	ppb
Molybdenum	97-1	4.84	4.60	4.65	4.70	2.74	ppb
Molybdenum	98-1	4.55	4.69	4.67	4.64	1.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.13	1.00	1.07	1.07	6.28	ppb
Phosphorus	31-2	25.51	19.52	18.85	21.29	17.22	ppb
Potassium	39-2	454.51	450.33	448.51	451.12	0.68	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	77-2	5.15	7.57	4.23	5.65	30.53	ppb
Selenium	78-2	4.91	4.53	6.47	5.30	19.43	ppb
Selenium	82-1	4.64	4.95	4.42	4.67	5.70	ppb
Silicon	28-1	5.97	5.83	6.10	5.97	2.24	ppb
Silver	109-1	1.12	0.99	0.94	1.02	8.86	ppb
Silver	107-1	1.05	1.03	1.01	1.03	2.07	ppb
Sodium	23-2	449.15	452.67	443.53	448.45	1.03	ppb
Strontium	86-1	0.91	0.94	0.81	0.89	7.82	ppb
Strontium	88-1	0.89	0.86	0.87	0.88	1.70	ppb
Sulfur	34-1	-101.95	-105.42	-98.12	-101.83		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.83	0.80	0.88	0.83	4.83	ppb
Thallium	205-1	0.82	0.88	0.88	0.86	4.23	ppb
Thorium	232-1	0.83	0.84	0.82	0.83	0.64	ppb
Tin	118-1	4.78	4.72	4.78	4.76	0.70	ppb
Titanium	47-1	4.30	4.45	4.94	4.56	7.41	ppb
Uranium	238-1	0.79	0.79	0.82	0.80	2.06	ppb
Vanadium	51-2	4.71	4.81	4.80	4.77	1.19	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	LLOQ-SOIL	Instrumnet Name :	P7
Client Sample ID :	LLOQ-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 15:24:56	DataFile Name :	028LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.64	1.70	1.45	1.60	8.30	ppb
Zirconium	90-1	0.85	0.88	0.87	0.87	1.44	ppb
Zirconium	91-1	0.79	0.82	0.89	0.83	6.15	ppb

LB Number : LB102841 Operator : Jaswal
 Lab Sample ID : PB119429BL Instrumnet Name : P7
 Client Sample ID : PB119429BL Dilution Factor : 1
 Date & Time Acquired :: 2019-05-17 15:28:33 DataFile Name : 029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.13	1.03	-0.03	0.29	221.16	ppb
Antimony	121-1	0.05	0.03	0.05	0.04	22.52	ppb
Arsenic	75-2	0.04	0.03	0.00	0.02	77.57	ppb
Barium	135-1	0.01	0.04	0.02	0.02	61.66	ppb
Barium	137-1	0.01	0.00	0.00	0.01	74.45	ppb
Beryllium	9-1	0.03	0.03	0.01	0.02	35.48	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Boron	10-1	3.23	2.89	3.16	3.09	5.79	ppb
Boron	11-1	3.55	3.72	3.22	3.50	7.29	ppb
Cadmium	111-1	-0.07	-0.07	0.03	-0.04		ppb
Cadmium	106-1	-0.99	-0.91	0.31	-0.53		ppb
Cadmium	108-1	-0.04	-0.04	-0.04	-0.04		ppb
Calcium	43-1	-0.03	-0.68	-0.74	-0.49		ppb
Calcium	44-1	-1.31	-1.13	-1.08	-1.17		ppb
Chromium	52-2	0.01	0.03	-0.04	0.00		ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.03	0.02	0.02	0.02	26.64	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				99		%
Holmium	165-2				96		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	-0.19	-0.03	-0.16	-0.13		ppb
Iron	57-2	0.16	-0.53	1.39	0.34	285.33	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.00	0.01	0.01	162.37	ppb
Lead	207-1	0.01	0.00	0.02	0.01	114.88	ppb
Lead	208-1	0.00	0.00	0.01	0.00	73.57	ppb
Lithium	6-1				99		%
Magnesium	24-2	0.26	0.89	0.80	0.65	52.46	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	PB119429BL	Instrumnet Name :	P7
Client Sample ID :	PB119429BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 15:28:33	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	94-1	0.06	0.05	0.03	0.05	26.23	ppb
Molybdenum	95-1	0.06	0.07	0.06	0.06	8.46	ppb
Molybdenum	96-1	0.06	0.05	0.06	0.06	8.36	ppb
Molybdenum	97-1	0.09	0.04	0.05	0.06	39.26	ppb
Molybdenum	98-1	0.05	0.08	0.06	0.06	18.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.01	0.02	0.02	46.57	ppb
Phosphorus	31-2	-12.62	-15.27	-20.06	-15.98		ppb
Potassium	39-2	8.71	2.31	3.30	4.77	72.15	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.33	-0.05	0.06	-0.11		ppb
Selenium	82-1	-0.16	0.25	-0.04	0.02	1198.95	ppb
Silicon	28-1	-0.41	-0.36	-0.61	-0.46		ppb
Silver	109-1	0.01	0.00	0.00	0.00	74.81	ppb
Silver	107-1	0.00	0.01	0.01	0.00	139.85	ppb
Sodium	23-2	3.82	2.71	2.41	2.98	25.06	ppb
Strontium	86-1	0.04	-0.02	-0.03	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-72.86	-65.79	-208.67	-115.77		ppb
Terbium	159-1				99		%
Terbium	159-2				95		%
Thallium	203-1	0.01	0.00	0.01	0.01	72.56	ppb
Thallium	205-1	0.00	0.00	0.01	0.01	77.66	ppb
Thorium	232-1	0.02	0.02	0.01	0.02	12.81	ppb
Tin	118-1	0.01	0.01	0.01	0.01	41.31	ppb
Titanium	47-1	0.01	0.02	0.02	0.01	58.84	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	109.48	ppb
Yttrium	89-1				98		%
Yttrium	89-2				95		%

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	PB119429BL	Instrumnet Name :	P7
Client Sample ID :	PB119429BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 15:28:33	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.14	-0.17	-0.02	-0.11		ppb
Zirconium	90-1	0.00	0.01	0.00	0.01	125.71	ppb
Zirconium	91-1	0.01	0.02	0.01	0.01	42.29	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	PB119429BS	Instrumnet Name :	P7
Client Sample ID :	PB119429BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 15:32:10	DataFile Name :	030LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9585.44	9645.61	9527.06	9586.04	0.62	ppb
Antimony	121-1	500.04	504.82	497.59	500.82	0.73	ppb
Arsenic	75-2	510.38	512.00	509.92	510.77	0.21	ppb
Barium	135-1	2505.97	2497.35	2474.11	2492.48	0.66	ppb
Barium	137-1	2539.71	2534.08	2531.23	2535.01	0.17	ppb
Beryllium	9-1	505.13	505.59	509.17	506.63	0.44	ppb
Bismuth	209-1				93		%
Bismuth	209-2				91		%
Boron	10-1	470.46	488.01	497.27	485.25	2.81	ppb
Boron	11-1	477.20	488.33	486.56	484.03	1.24	ppb
Cadmium	111-1	498.39	496.70	488.54	494.54	1.06	ppb
Cadmium	106-1	493.22	496.04	490.86	493.37	0.52	ppb
Cadmium	108-1	497.96	489.27	494.36	493.87	0.88	ppb
Calcium	43-1	49414.77	49318.92	49280.65	49338.11	0.14	ppb
Calcium	44-1	49732.31	50199.44	49737.56	49889.77	0.54	ppb
Chromium	52-2	507.80	505.31	504.57	505.89	0.33	ppb
Cobalt	59-2	504.08	506.63	506.06	505.59	0.26	ppb
Copper	63-2	933.89	932.27	933.44	933.20	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				97		%
Holmium	165-2				96		%
Indium	115-1				91		%
Indium	115-2				90		%
Iron	56-2	26395.16	26246.49	26220.45	26287.36	0.36	ppb
Iron	57-2	25969.79	25855.75	25827.47	25884.34	0.29	ppb
Krypton	83-1						cps
Lead	206-1	493.63	494.93	493.14	493.90	0.19	ppb
Lead	207-1	490.04	493.93	492.62	492.19	0.40	ppb
Lead	208-1	493.71	498.16	494.19	495.35	0.49	ppb
Lithium	6-1				94		%
Magnesium	24-2	53233.31	52972.29	52891.19	53032.26	0.34	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	PB119429BS	Instrumnet Name :	P7
Client Sample ID :	PB119429BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 15:32:10	DataFile Name :	030LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1015.78	1015.81	1011.55	1014.38	0.24	ppb
Molybdenum	94-1	2503.17	2510.26	2502.75	2505.39	0.17	ppb
Molybdenum	95-1	2511.07	2505.15	2503.56	2506.59	0.16	ppb
Molybdenum	96-1	2492.87	2505.12	2494.75	2497.58	0.26	ppb
Molybdenum	97-1	2455.24	2482.15	2471.18	2469.52	0.55	ppb
Molybdenum	98-1	2511.98	2492.28	2499.77	2501.34	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.92	513.28	510.21	510.47	0.53	ppb
Phosphorus	31-2	10091.69	10277.01	10000.69	10123.13	1.39	ppb
Potassium	39-2	24512.40	24576.72	24615.34	24568.15	0.21	ppb
Rhodium	103-1				88		%
Rhodium	103-2				89		%
Scandium	45-1				90		%
Scandium	45-2				91		%
Selenium	77-2	535.19	509.41	532.79	525.80	2.71	ppb
Selenium	78-2	521.92	509.30	515.27	515.49	1.22	ppb
Selenium	82-1	515.20	516.42	510.84	514.15	0.57	ppb
Silicon	28-1	489.40	505.92	507.31	500.88	1.99	ppb
Silver	109-1	481.97	479.86	471.59	477.81	1.15	ppb
Silver	107-1	483.00	479.58	476.86	479.81	0.64	ppb
Sodium	23-2	50625.50	50329.80	50372.75	50442.68	0.32	ppb
Strontium	86-1	500.92	498.12	498.46	499.17	0.31	ppb
Strontium	88-1	500.52	499.71	498.32	499.52	0.22	ppb
Sulfur	34-1	10220.57	10251.73	10033.47	10168.59	1.16	ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	488.98	487.76	490.78	489.17	0.31	ppb
Thallium	205-1	501.05	498.63	499.80	499.83	0.24	ppb
Thorium	232-1	490.56	490.59	493.10	491.42	0.30	ppb
Tin	118-1	499.36	507.20	499.11	501.89	0.92	ppb
Titanium	47-1	2526.17	2514.80	2495.00	2511.99	0.63	ppb
Uranium	238-1	492.18	494.45	488.70	491.78	0.59	ppb
Vanadium	51-2	503.37	501.38	503.26	502.67	0.22	ppb
Yttrium	89-1				92		%
Yttrium	89-2				91		%

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	PB119429BS	Instrumnet Name :	P7
Client Sample ID :	PB119429BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 15:32:10	DataFile Name :	030LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	989.79	973.34	981.96	981.70	0.84	ppb
Zirconium	90-1	501.16	498.29	497.44	498.96	0.39	ppb
Zirconium	91-1	504.78	499.53	498.32	500.88	0.69	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCV90	Instrumnet Name :	P7
Client Sample ID :	CCV90	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 15:35:46	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55048.90	54900.27	55035.25	54994.81	0.15	ppb
Antimony	121-1	501.02	474.53	474.53	483.36	3.16	ppb
Arsenic	75-2	517.55	517.25	517.18	517.33	0.04	ppb
Barium	135-1	2571.18	2416.50	2419.78	2469.16	3.58	ppb
Barium	137-1	2616.82	2479.14	2469.09	2521.68	3.27	ppb
Beryllium	9-1	533.59	496.01	496.43	508.67	4.24	ppb
Bismuth	209-1				85		%
Bismuth	209-2				80		%
Boron	10-1	545.61	502.17	507.15	518.31	4.59	ppb
Boron	11-1	534.44	502.71	510.75	515.96	3.20	ppb
Cadmium	111-1	515.05	493.31	490.90	499.75	2.66	ppb
Cadmium	106-1	518.28	495.86	501.35	505.17	2.31	ppb
Cadmium	108-1	510.86	494.37	491.65	498.96	2.08	ppb
Calcium	43-1	247044.83	239404.52	241765.86	242738.40	1.61	ppb
Calcium	44-1	248318.37	241164.85	242515.65	243999.62	1.56	ppb
Chromium	52-2	506.66	503.93	506.58	505.72	0.31	ppb
Cobalt	59-2	501.81	500.16	502.61	501.53	0.25	ppb
Copper	63-2	991.35	986.92	992.64	990.30	0.30	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				91		%
Indium	115-1				86		%
Indium	115-2				83		%
Iron	56-2	133116.82	132694.17	133067.72	132959.57	0.17	ppb
Iron	57-2	132852.55	131411.80	132661.28	132308.54	0.59	ppb
Krypton	83-1						cps
Lead	206-1	531.66	507.11	506.21	514.99	2.80	ppb
Lead	207-1	527.81	504.68	502.18	511.56	2.76	ppb
Lead	208-1	529.35	507.17	507.60	514.71	2.46	ppb
Lithium	6-1				89		%
Magnesium	24-2	263101.81	261787.52	263077.09	262655.47	0.29	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCV90	Instrumnet Name :	P7
Client Sample ID :	CCV90	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 15:35:46	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1018.92	1012.12	1020.64	1017.23	0.44	ppb
Molybdenum	94-1	2604.32	2485.99	2497.91	2529.41	2.58	ppb
Molybdenum	95-1	2591.43	2475.08	2510.62	2525.71	2.36	ppb
Molybdenum	96-1	2610.50	2478.72	2507.20	2532.14	2.74	ppb
Molybdenum	97-1	2562.22	2445.95	2483.76	2497.31	2.37	ppb
Molybdenum	98-1	2584.55	2480.22	2491.35	2518.70	2.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.45	491.65	496.26	495.12	0.62	ppb
Phosphorus	31-2	9869.33	10072.64	9802.81	9914.92	1.42	ppb
Potassium	39-2	130003.34	128382.53	129397.30	129261.06	0.63	ppb
Rhodium	103-1				80		%
Rhodium	103-2				79		%
Scandium	45-1				87		%
Scandium	45-2				88		%
Selenium	77-2	524.34	543.15	524.73	530.74	2.02	ppb
Selenium	78-2	525.26	512.08	516.20	517.85	1.30	ppb
Selenium	82-1	533.61	499.20	509.01	513.94	3.45	ppb
Silicon	28-1	456.25	454.10	455.36	455.24	0.24	ppb
Silver	109-1	508.57	480.88	478.76	489.40	3.40	ppb
Silver	107-1	513.25	485.36	480.51	493.04	3.58	ppb
Sodium	23-2	257609.36	255302.31	255991.55	256301.07	0.46	ppb
Strontium	86-1	518.80	492.32	497.49	502.87	2.79	ppb
Strontium	88-1	525.65	497.16	502.20	508.34	2.99	ppb
Sulfur	34-1	10478.46	10035.59	10028.75	10180.93	2.53	ppb
Terbium	159-1				93		%
Terbium	159-2				89		%
Thallium	203-1	526.55	502.28	504.04	510.96	2.65	ppb
Thallium	205-1	539.30	514.91	511.05	521.75	2.94	ppb
Thorium	232-1	545.99	522.26	527.53	531.93	2.34	ppb
Tin	118-1	508.31	482.24	481.10	490.55	3.14	ppb
Titanium	47-1	2554.11	2485.78	2473.03	2504.31	1.74	ppb
Uranium	238-1	546.51	526.35	529.81	534.22	2.02	ppb
Vanadium	51-2	514.55	508.95	514.20	512.57	0.61	ppb
Yttrium	89-1				88		%
Yttrium	89-2				86		%

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCV90	Instrumnet Name :	P7
Client Sample ID :	CCV90	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 15:35:46	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1036.51	1024.06	1028.21	1029.59	0.62	ppb
Zirconium	90-1	522.36	499.80	501.52	507.89	2.47	ppb
Zirconium	91-1	521.94	495.30	501.14	506.13	2.77	ppb

LB Number : LB102841 Operator : Jaswal
 Lab Sample ID : CCB90 Instrumnet Name : P7
 Client Sample ID : CCB90 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-17 15:43:47 DataFile Name : 032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.01	0.68	0.18	0.62	67.06	ppb
Antimony	121-1	0.21	0.23	0.21	0.22	6.02	ppb
Arsenic	75-2	0.02	0.01	0.02	0.02	29.63	ppb
Barium	135-1	0.06	0.03	0.03	0.04	37.97	ppb
Barium	137-1	0.04	0.04	0.04	0.04	0.77	ppb
Beryllium	9-1	0.08	0.06	0.06	0.06	14.28	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	8.29	7.83	7.81	7.98	3.44	ppb
Boron	11-1	8.68	8.04	7.52	8.08	7.17	ppb
Cadmium	111-1	-0.03	-0.04	-0.01	-0.03		ppb
Cadmium	106-1	-0.56	-0.65	-0.35	-0.52		ppb
Cadmium	108-1	-0.03	0.02	0.05	0.01	406.60	ppb
Calcium	43-1	3.69	3.64	2.42	3.25	22.19	ppb
Calcium	44-1	1.11	1.75	1.17	1.34	26.32	ppb
Chromium	52-2	0.04	-0.02	0.02	0.01	244.61	ppb
Cobalt	59-2	0.01	0.00	0.01	0.00	64.98	ppb
Copper	63-2	0.06	0.06	0.04	0.05	27.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	56-2	1.63	1.77	1.70	1.70	4.28	ppb
Iron	57-2	1.67	1.86	1.42	1.65	13.40	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.04	0.02	0.03	28.87	ppb
Lead	207-1	0.04	0.03	0.03	0.03	24.15	ppb
Lead	208-1	0.03	0.03	0.03	0.03	10.81	ppb
Lithium	6-1				100		%
Magnesium	24-2	4.01	3.71	3.43	3.72	7.82	ppb

LB Number : LB102841 Operator : Jaswal
 Lab Sample ID : CCB90 Instrumnet Name : P7
 Client Sample ID : CCB90 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-17 15:43:47 DataFile Name : 032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.03	0.02	0.01	108.50	ppb
Molybdenum	94-1	0.17	0.18	0.22	0.19	13.64	ppb
Molybdenum	95-1	0.27	0.21	0.23	0.24	12.67	ppb
Molybdenum	96-1	0.25	0.19	0.24	0.23	13.70	ppb
Molybdenum	97-1	0.29	0.19	0.23	0.24	21.39	ppb
Molybdenum	98-1	0.27	0.22	0.23	0.24	12.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	0.05	0.03	64.75	ppb
Phosphorus	31-2	-32.24	-22.20	-15.80	-23.42		ppb
Potassium	39-2	6.39	3.56	4.26	4.74	31.07	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	77-2	0.95	0.00	0.00	0.32	173.21	ppb
Selenium	78-2	0.92	0.65	0.15	0.57	68.29	ppb
Selenium	82-1	0.12	-0.54	-0.51	-0.31		ppb
Silicon	28-1	0.87	0.55	0.33	0.59	46.28	ppb
Silver	109-1	0.02	0.02	0.01	0.02	34.43	ppb
Silver	107-1	0.02	0.01	0.01	0.02	43.17	ppb
Sodium	23-2	20.11	20.08	19.87	20.02	0.64	ppb
Strontium	86-1	0.02	0.01	0.03	0.02	40.11	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	36.90	ppb
Sulfur	34-1	83.35	23.12	-117.52	-3.68		ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	0.03	0.03	0.04	0.03	14.98	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	19.58	ppb
Thorium	232-1	0.09	0.09	0.09	0.09	4.45	ppb
Tin	118-1	0.10	0.06	0.08	0.08	23.29	ppb
Titanium	47-1	0.11	0.04	0.09	0.08	44.21	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	31.12	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	16.22	ppb
Yttrium	89-1				97		%
Yttrium	89-2				98		%

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCB90	Instrumnet Name :	P7
Client Sample ID :	CCB90	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 15:43:47	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.10	0.04	0.01	0.05	91.62	ppb
Zirconium	90-1	0.02	0.04	0.01	0.02	52.53	ppb
Zirconium	91-1	0.06	0.03	0.03	0.04	45.26	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2551-11DLREX20	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDLRE	Dilution Factor :	20
Date & Time Acquired ::	2019-05-17 15:47:59	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5111.09	5294.92	5242.24	5216.08	1.81	ppb
Antimony	121-1	16.09	15.41	94.41	41.97	108.21	ppb
Arsenic	75-2	21.54	24.16	23.55	23.08	5.94	ppb
Barium	135-1	418.25	409.83	2524.81	1117.63	109.04	ppb
Barium	137-1	419.86	407.09	2510.29	1112.41	108.83	ppb
Beryllium	9-1	87.45	85.50	440.60	204.51	99.97	ppb
Bismuth	209-1				72		%
Bismuth	209-2				94		%
Boron	10-1	141.14	137.84	724.82	334.60	101.00	ppb
Boron	11-1	141.87	139.40	737.62	339.63	101.48	ppb
Cadmium	111-1	93.61	90.43	553.62	245.89	108.39	ppb
Cadmium	106-1	76.12	71.67	450.80	199.53	109.07	ppb
Cadmium	108-1	83.99	78.95	494.17	219.04	108.79	ppb
Calcium	43-1	9735.50	9328.75	51450.74	23505.00	102.97	ppb
Calcium	44-1	9782.97	9415.41	51943.68	23714.02	103.10	ppb
Chromium	52-2	104.08	108.71	106.74	106.51	2.18	ppb
Cobalt	59-2	134.46	140.43	137.69	137.53	2.17	ppb
Copper	63-2	91.75	96.22	94.43	94.13	2.39	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				73		%
Holmium	165-2				97		%
Indium	115-1				72		%
Indium	115-2				95		%
Iron	56-2	8058.50	8401.37	8241.49	8233.78	2.08	ppb
Iron	57-2	7837.60	8136.43	8083.38	8019.13	1.99	ppb
Krypton	83-1						cps
Lead	206-1	75.16	73.85	466.65	205.22	110.32	ppb
Lead	207-1	72.07	69.49	442.06	194.54	110.19	ppb
Lead	208-1	73.10	71.39	456.11	200.20	110.70	ppb
Lithium	6-1				77		%
Magnesium	24-2	3674.44	3804.16	3741.89	3740.16	1.73	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2551-11DLREX20	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDLRE	Dilution Factor :	20
Date & Time Acquired ::	2019-05-17 15:47:59	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	278.69	291.41	283.51	284.54	2.26	ppb
Molybdenum	94-1	62.54	63.51	349.06	158.37	104.28	ppb
Molybdenum	95-1	86.81	84.90	477.34	216.35	104.47	ppb
Molybdenum	96-1	83.63	82.33	463.99	209.98	104.76	ppb
Molybdenum	97-1	86.46	85.76	483.41	218.54	104.96	ppb
Molybdenum	98-1	86.68	86.18	470.28	214.38	103.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.80	29.29	28.38	28.49	2.64	ppb
Phosphorus	31-2	364.63	404.83	379.00	382.82	5.32	ppb
Potassium	39-2	1017.79	1086.05	1054.57	1052.80	3.25	ppb
Rhodium	103-1				71		%
Rhodium	103-2				95		%
Scandium	45-1				72		%
Scandium	45-2				96		%
Selenium	77-2	169.11	185.37	193.56	182.68	6.81	ppb
Selenium	78-2	176.07	185.38	177.94	179.80	2.74	ppb
Selenium	82-1	175.95	175.68	949.90	433.84	103.01	ppb
Silicon	28-1	921.44	886.99	4951.54	2253.32	103.70	ppb
Silver	109-1	45.52	43.14	270.95	119.87	109.15	ppb
Silver	107-1	44.57	43.58	268.11	118.75	108.92	ppb
Sodium	23-2	412.63	433.38	424.93	423.65	2.46	ppb
Strontium	86-1	155.14	152.82	857.77	388.58	104.57	ppb
Strontium	88-1	155.95	152.29	858.35	388.87	104.56	ppb
Sulfur	34-1	-758.59	-1013.34	21348.61	6525.56	196.73	ppb
Terbium	159-1				73		%
Terbium	159-2				97		%
Thallium	203-1	101.22	98.31	621.87	273.80	110.10	ppb
Thallium	205-1	102.06	99.76	629.59	277.14	110.14	ppb
Thorium	232-1	3.15	3.08	19.47	8.57	110.24	ppb
Tin	118-1	72.09	70.15	431.32	191.19	108.78	ppb
Titanium	47-1	253.94	246.65	1337.76	612.78	102.46	ppb
Uranium	238-1	16.99	16.68	106.28	46.65	110.69	ppb
Vanadium	51-2	130.93	136.38	134.61	133.98	2.07	ppb
Yttrium	89-1				73		%
Yttrium	89-2				96		%

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2551-11DLREX20	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDLRE	Dilution Factor :	20
Date & Time Acquired ::	2019-05-17 15:47:59	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	315.20	335.15	326.43	325.59	3.07	ppb
Zirconium	90-1	2.34	2.29	13.14	5.92	105.55	ppb
Zirconium	91-1	2.24	2.34	12.93	5.84	105.29	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2551-11DL3X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL3	Dilution Factor :	10
Date & Time Acquired ::	2019-05-17 15:51:35	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10598.33	10402.84	10426.01	10475.73	1.02	ppb
Antimony	121-1	31.66	31.77	31.38	31.60	0.64	ppb
Arsenic	75-2	46.15	47.02	46.24	46.47	1.04	ppb
Barium	135-1	835.78	832.92	832.02	833.57	0.24	ppb
Barium	137-1	844.38	849.12	837.74	843.75	0.68	ppb
Beryllium	9-1	168.80	169.93	168.51	169.08	0.44	ppb
Bismuth	209-1				95		%
Bismuth	209-2				92		%
Boron	10-1	272.80	280.79	278.48	277.36	1.48	ppb
Boron	11-1	270.87	276.75	278.38	275.33	1.43	ppb
Cadmium	111-1	182.29	183.86	182.42	182.86	0.48	ppb
Cadmium	106-1	143.85	147.63	146.13	145.87	1.30	ppb
Cadmium	108-1	161.00	160.04	160.93	160.65	0.33	ppb
Calcium	43-1	19423.85	19416.78	19489.56	19443.40	0.21	ppb
Calcium	44-1	19697.57	19644.25	19744.34	19695.39	0.25	ppb
Chromium	52-2	215.24	216.73	215.32	215.76	0.39	ppb
Cobalt	59-2	278.48	278.50	274.55	277.18	0.82	ppb
Copper	63-2	190.29	189.94	189.05	189.76	0.34	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				98		%
Holmium	165-2				95		%
Indium	115-1				94		%
Indium	115-2				91		%
Iron	56-2	16711.87	16500.75	16433.59	16548.73	0.88	ppb
Iron	57-2	16404.69	16292.66	16073.71	16257.02	1.04	ppb
Krypton	83-1						cps
Lead	206-1	154.72	152.48	152.71	153.31	0.81	ppb
Lead	207-1	144.74	144.36	143.31	144.13	0.52	ppb
Lead	208-1	148.84	147.61	147.69	148.05	0.47	ppb
Lithium	6-1				100		%
Magnesium	24-2	7508.88	7472.05	7421.41	7467.45	0.59	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2551-11DL3X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL3	Dilution Factor :	10
Date & Time Acquired ::	2019-05-17 15:51:35	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	576.04	574.23	569.96	573.41	0.54	ppb
Molybdenum	94-1	125.59	126.81	127.51	126.64	0.77	ppb
Molybdenum	95-1	173.69	172.28	174.79	173.59	0.72	ppb
Molybdenum	96-1	167.76	167.52	167.45	167.58	0.10	ppb
Molybdenum	97-1	174.41	175.30	175.13	174.95	0.27	ppb
Molybdenum	98-1	173.60	172.70	173.04	173.11	0.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	57.16	58.30	57.15	57.53	1.15	ppb
Phosphorus	31-2	737.98	682.10	718.44	712.84	3.98	ppb
Potassium	39-2	2098.58	2084.16	2101.12	2094.62	0.44	ppb
Rhodium	103-1				92		%
Rhodium	103-2				92		%
Scandium	45-1				92		%
Scandium	45-2				92		%
Selenium	77-2	355.42	353.91	352.45	353.93	0.42	ppb
Selenium	78-2	343.30	341.75	349.75	344.93	1.23	ppb
Selenium	82-1	353.37	348.04	345.87	349.09	1.10	ppb
Silicon	28-1	1841.12	1825.77	1820.99	1829.29	0.57	ppb
Silver	109-1	88.17	89.15	88.10	88.47	0.66	ppb
Silver	107-1	88.69	88.88	88.81	88.79	0.11	ppb
Sodium	23-2	842.65	843.65	833.74	840.01	0.65	ppb
Strontium	86-1	308.42	307.38	308.07	307.96	0.17	ppb
Strontium	88-1	310.84	308.30	310.44	309.86	0.44	ppb
Sulfur	34-1	-944.31	-980.61	-1124.75	-1016.56		ppb
Terbium	159-1				97		%
Terbium	159-2				94		%
Thallium	203-1	206.77	204.20	203.39	204.79	0.86	ppb
Thallium	205-1	210.65	207.14	205.31	207.70	1.31	ppb
Thorium	232-1	6.54	6.52	6.47	6.51	0.58	ppb
Tin	118-1	142.80	144.26	144.20	143.76	0.57	ppb
Titanium	47-1	507.90	507.77	511.12	508.93	0.37	ppb
Uranium	238-1	35.47	35.02	34.76	35.08	1.03	ppb
Vanadium	51-2	271.03	271.29	271.49	271.27	0.08	ppb
Yttrium	89-1				97		%
Yttrium	89-2				94		%

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2551-11DL3X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL3	Dilution Factor :	10
Date & Time Acquired ::	2019-05-17 15:51:35	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	652.69	654.44	651.40	652.84	0.23	ppb
Zirconium	90-1	4.48	4.62	4.49	4.53	1.72	ppb
Zirconium	91-1	4.61	4.49	4.49	4.53	1.63	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2551-11DL4X20	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL4	Dilution Factor :	20
Date & Time Acquired ::	2019-05-17 15:55:11	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5220.64	5195.47	5126.07	5180.73	0.95	ppb
Antimony	121-1	15.85	15.94	15.76	15.85	0.58	ppb
Arsenic	75-2	23.02	23.74	23.76	23.51	1.78	ppb
Barium	135-1	418.71	421.29	417.79	419.26	0.43	ppb
Barium	137-1	426.50	418.00	420.38	421.63	1.04	ppb
Beryllium	9-1	87.10	86.99	86.12	86.74	0.62	ppb
Bismuth	209-1				96		%
Bismuth	209-2				93		%
Boron	10-1	150.64	147.72	152.72	150.36	1.67	ppb
Boron	11-1	148.70	150.84	151.81	150.45	1.06	ppb
Cadmium	111-1	93.56	92.07	92.30	92.64	0.87	ppb
Cadmium	106-1	73.25	73.11	74.97	73.78	1.40	ppb
Cadmium	108-1	80.38	79.88	77.80	79.35	1.72	ppb
Calcium	43-1	9660.65	9610.01	9822.94	9697.87	1.15	ppb
Calcium	44-1	9775.32	9844.54	9758.13	9792.67	0.47	ppb
Chromium	52-2	107.64	107.99	106.98	107.53	0.48	ppb
Cobalt	59-2	138.29	139.02	138.56	138.62	0.26	ppb
Copper	63-2	96.18	95.64	94.58	95.46	0.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				95		%
Indium	115-1				94		%
Indium	115-2				93		%
Iron	56-2	8293.15	8338.48	8208.28	8279.97	0.80	ppb
Iron	57-2	8097.88	8157.40	8004.89	8086.72	0.95	ppb
Krypton	83-1						cps
Lead	206-1	76.22	76.73	76.07	76.34	0.45	ppb
Lead	207-1	72.22	71.79	72.25	72.08	0.36	ppb
Lead	208-1	73.83	73.82	73.38	73.68	0.35	ppb
Lithium	6-1				95		%
Magnesium	24-2	3741.50	3746.73	3672.66	3720.30	1.11	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2551-11DL4X20	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL4	Dilution Factor :	20
Date & Time Acquired ::	2019-05-17 15:55:11	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	288.99	288.20	284.31	287.17	0.87	ppb
Molybdenum	94-1	63.42	62.98	63.99	63.46	0.79	ppb
Molybdenum	95-1	87.99	86.87	87.39	87.42	0.64	ppb
Molybdenum	96-1	84.61	84.44	84.00	84.35	0.37	ppb
Molybdenum	97-1	88.35	88.64	87.51	88.17	0.67	ppb
Molybdenum	98-1	88.63	86.68	87.08	87.46	1.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.15	29.43	29.26	29.28	0.47	ppb
Phosphorus	31-2	345.77	363.31	345.92	351.67	2.87	ppb
Potassium	39-2	1035.93	1037.55	1041.86	1038.45	0.30	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				92		%
Scandium	45-2				93		%
Selenium	77-2	204.50	193.26	196.20	197.99	2.94	ppb
Selenium	78-2	180.38	186.98	187.94	185.10	2.22	ppb
Selenium	82-1	178.26	174.99	179.94	177.73	1.42	ppb
Silicon	28-1	909.95	914.95	910.19	911.70	0.31	ppb
Silver	109-1	44.12	43.93	44.22	44.09	0.34	ppb
Silver	107-1	45.03	44.37	44.28	44.56	0.92	ppb
Sodium	23-2	427.01	426.84	425.34	426.40	0.22	ppb
Strontium	86-1	156.41	156.32	154.31	155.68	0.76	ppb
Strontium	88-1	156.33	156.64	155.01	156.00	0.55	ppb
Sulfur	34-1	-1221.28	-1278.33	-1322.20	-1273.94		ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	101.38	102.62	101.48	101.83	0.67	ppb
Thallium	205-1	102.60	103.33	103.19	103.04	0.37	ppb
Thorium	232-1	3.21	3.26	3.20	3.23	0.91	ppb
Tin	118-1	72.66	71.88	71.99	72.17	0.58	ppb
Titanium	47-1	254.99	255.12	252.77	254.29	0.52	ppb
Uranium	238-1	17.52	17.58	17.07	17.39	1.61	ppb
Vanadium	51-2	135.52	136.46	133.86	135.28	0.97	ppb
Yttrium	89-1				95		%
Yttrium	89-2				93		%

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2551-11DL4X20	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL4	Dilution Factor :	20
Date & Time Acquired ::	2019-05-17 15:55:11	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	326.37	333.44	327.76	329.19	1.14	ppb
Zirconium	90-1	2.25	2.24	2.25	2.25	0.05	ppb
Zirconium	91-1	2.30	2.24	2.33	2.29	2.00	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2551-11DL2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	5
Date & Time Acquired ::	2019-05-17 15:58:48	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20012.13	19803.42	19704.32	19839.96	0.79	ppb
Antimony	121-1	62.06	61.53	61.34	61.64	0.61	ppb
Arsenic	75-2	86.81	87.44	87.07	87.11	0.36	ppb
Barium	135-1	1643.69	1653.23	1637.20	1644.71	0.49	ppb
Barium	137-1	1652.67	1653.24	1635.87	1647.26	0.60	ppb
Beryllium	9-1	312.78	311.65	311.29	311.91	0.25	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Boron	10-1	504.50	515.68	516.43	512.20	1.30	ppb
Boron	11-1	503.24	520.85	521.74	515.28	2.02	ppb
Cadmium	111-1	358.78	357.91	356.06	357.58	0.39	ppb
Cadmium	106-1	291.11	281.59	286.51	286.41	1.66	ppb
Cadmium	108-1	308.36	310.70	300.24	306.43	1.79	ppb
Calcium	43-1	38515.85	38627.96	38338.45	38494.09	0.38	ppb
Calcium	44-1	38629.13	39147.13	38651.30	38809.19	0.75	ppb
Chromium	52-2	419.27	413.37	411.37	414.67	0.99	ppb
Cobalt	59-2	539.47	530.30	533.12	534.30	0.88	ppb
Copper	63-2	367.77	362.73	362.21	364.23	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				96		%
Indium	115-1				93		%
Indium	115-2				91		%
Iron	56-2	32146.24	31875.44	31632.09	31884.59	0.81	ppb
Iron	57-2	31516.67	31153.39	31226.46	31298.84	0.61	ppb
Krypton	83-1						cps
Lead	206-1	303.58	300.25	299.92	301.25	0.67	ppb
Lead	207-1	291.31	287.92	285.09	288.11	1.08	ppb
Lead	208-1	296.10	293.45	291.25	293.60	0.83	ppb
Lithium	6-1				101		%
Magnesium	24-2	14428.41	14245.74	14063.59	14245.91	1.28	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2551-11DL2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	5
Date & Time Acquired ::	2019-05-17 15:58:48	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1114.81	1104.93	1098.60	1106.11	0.74	ppb
Molybdenum	94-1	243.06	244.50	245.04	244.20	0.42	ppb
Molybdenum	95-1	335.84	334.33	335.94	335.37	0.27	ppb
Molybdenum	96-1	323.57	323.35	324.75	323.89	0.23	ppb
Molybdenum	97-1	335.79	334.52	339.42	336.58	0.76	ppb
Molybdenum	98-1	337.25	334.46	336.75	336.15	0.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	111.63	110.71	110.01	110.78	0.73	ppb
Phosphorus	31-2	1398.15	1581.86	1426.41	1468.81	6.73	ppb
Potassium	39-2	4078.36	3995.28	3989.15	4020.93	1.24	ppb
Rhodium	103-1				91		%
Rhodium	103-2				92		%
Scandium	45-1				91		%
Scandium	45-2				93		%
Selenium	77-2	705.07	705.01	706.48	705.52	0.12	ppb
Selenium	78-2	661.46	666.00	649.66	659.04	1.28	ppb
Selenium	82-1	667.84	669.95	663.89	667.23	0.46	ppb
Silicon	28-1	3558.54	3564.02	3553.68	3558.75	0.15	ppb
Silver	109-1	172.37	171.97	170.62	171.66	0.53	ppb
Silver	107-1	172.64	171.80	170.59	171.68	0.60	ppb
Sodium	23-2	1625.99	1601.79	1598.84	1608.87	0.93	ppb
Strontium	86-1	601.75	602.31	601.77	601.94	0.05	ppb
Strontium	88-1	601.69	608.77	598.17	602.87	0.90	ppb
Sulfur	34-1	-1155.13	-1130.00	-1279.44	-1188.19		ppb
Terbium	159-1				98		%
Terbium	159-2				95		%
Thallium	203-1	409.70	406.77	406.03	407.50	0.48	ppb
Thallium	205-1	418.45	414.41	417.09	416.65	0.49	ppb
Thorium	232-1	13.05	12.98	12.90	12.98	0.58	ppb
Tin	118-1	284.27	283.46	280.21	282.65	0.76	ppb
Titanium	47-1	1009.58	1011.03	996.49	1005.70	0.80	ppb
Uranium	238-1	70.27	70.06	69.56	69.96	0.53	ppb
Vanadium	51-2	526.74	521.77	521.25	523.25	0.58	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2551-11DL2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	5
Date & Time Acquired ::	2019-05-17 15:58:48	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1249.26	1232.37	1234.17	1238.60	0.75	ppb
Zirconium	90-1	8.48	8.54	8.72	8.58	1.47	ppb
Zirconium	91-1	9.00	9.02	9.03	9.02	0.17	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2551-11	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 16:02:24	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93735.92	93585.61	92863.49	93395.01	0.50	ppb
Antimony	121-1	298.01	293.45	291.49	294.31	1.14	ppb
Arsenic	75-2	348.83	347.01	345.05	346.96	0.54	ppb
Barium	135-1	8332.37	8254.57	8221.44	8269.46	0.69	ppb
Barium	137-1	8346.06	8279.74	8184.71	8270.17	0.98	ppb
Beryllium	9-1	1006.62	1004.50	1004.66	1005.26	0.12	ppb
Bismuth	209-1				91		%
Bismuth	209-2				84		%
Boron	10-1	1669.41	1690.45	1706.08	1688.64	1.09	ppb
Boron	11-1	1716.85	1745.11	1775.75	1745.90	1.69	ppb
Cadmium	111-1	1664.58	1641.07	1617.80	1641.15	1.43	ppb
Cadmium	106-1	1356.23	1342.20	1303.57	1334.00	2.04	ppb
Cadmium	108-1	1433.71	1401.55	1400.68	1411.98	1.33	ppb
Calcium	43-1	182068.07	181009.29	181266.00	181447.79	0.30	ppb
Calcium	44-1	181790.22	183158.56	183895.02	182947.93	0.58	ppb
Chromium	52-2	2010.25	2018.76	2012.02	2013.67	0.22	ppb
Cobalt	59-2	2599.61	2633.85	2611.06	2614.84	0.67	ppb
Copper	63-2	1725.77	1746.24	1734.70	1735.57	0.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				90		%
Indium	115-1				84		%
Indium	115-2				77		%
Iron	56-2	153462.30	154839.49	153144.64	153815.48	0.59	ppb
Iron	57-2	153896.11	155661.47	155310.70	154956.09	0.60	ppb
Krypton	83-1						cps
Lead	206-1	1535.63	1541.84	1545.62	1541.03	0.33	ppb
Lead	207-1	1446.70	1469.90	1481.15	1465.92	1.20	ppb
Lead	208-1	1490.64	1496.51	1509.55	1498.90	0.65	ppb
Lithium	6-1				130		%
Magnesium	24-2	67986.60	68597.17	67642.35	68075.37	0.71	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2551-11	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 16:02:24	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5395.52	5426.90	5399.30	5407.24	0.32	ppb
Molybdenum	94-1	1021.30	1019.74	1020.51	1020.51	0.08	ppb
Molybdenum	95-1	1430.51	1420.22	1440.35	1430.36	0.70	ppb
Molybdenum	96-1	1376.15	1379.19	1384.62	1379.99	0.31	ppb
Molybdenum	97-1	1403.41	1401.53	1422.86	1409.27	0.84	ppb
Molybdenum	98-1	1430.22	1425.09	1449.49	1434.93	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	520.88	529.47	524.58	524.98	0.82	ppb
Phosphorus	31-2	6639.68	6831.47	6645.61	6705.59	1.63	ppb
Potassium	39-2	18963.24	19114.52	19121.36	19066.38	0.47	ppb
Rhodium	103-1				81		%
Rhodium	103-2				79		%
Scandium	45-1				87		%
Scandium	45-2				84		%
Selenium	77-2	2564.67	2644.04	2579.19	2595.97	1.63	ppb
Selenium	78-2	2520.99	2524.41	2517.55	2520.98	0.14	ppb
Selenium	82-1	2555.20	2529.48	2553.02	2545.90	0.56	ppb
Silicon	28-1	16323.45	16165.14	16057.47	16182.02	0.83	ppb
Silver	109-1	822.43	810.21	803.54	812.06	1.18	ppb
Silver	107-1	821.94	805.67	802.71	810.11	1.28	ppb
Sodium	23-2	7593.92	7626.57	7525.16	7581.88	0.68	ppb
Strontium	86-1	2534.83	2525.73	2555.49	2538.68	0.60	ppb
Strontium	88-1	2526.87	2509.39	2529.08	2521.78	0.43	ppb
Sulfur	34-1	-652.35	-836.57	-921.50	-803.47		ppb
Terbium	159-1				95		%
Terbium	159-2				89		%
Thallium	203-1	2115.49	2126.78	2148.07	2130.12	0.78	ppb
Thallium	205-1	2112.98	2113.30	2131.88	2119.39	0.51	ppb
Thorium	232-1	67.24	67.33	68.80	67.79	1.29	ppb
Tin	118-1	1398.00	1373.88	1378.75	1383.54	0.92	ppb
Titanium	47-1	4757.42	4725.16	4739.21	4740.59	0.34	ppb
Uranium	238-1	371.41	368.59	377.41	372.47	1.21	ppb
Vanadium	51-2	2532.79	2559.73	2549.82	2547.44	0.53	ppb
Yttrium	89-1				110		%
Yttrium	89-2				102		%

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2551-11	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 16:02:24	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	5549.38	5601.55	5558.34	5569.76	0.50	ppb
Zirconium	90-1	35.79	35.63	36.22	35.88	0.85	ppb
Zirconium	91-1	37.00	37.30	37.63	37.31	0.83	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2551-11DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	2
Date & Time Acquired ::	2019-05-17 16:09:58	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48527.42	48449.10	45160.24	47378.92	4.06	ppb
Antimony	121-1	152.08	148.94	149.02	150.01	1.19	ppb
Arsenic	75-2	199.65	198.57	185.37	194.53	4.09	ppb
Barium	135-1	4153.10	4142.29	4108.43	4134.61	0.56	ppb
Barium	137-1	4169.97	4144.30	4098.04	4137.44	0.88	ppb
Beryllium	9-1	651.11	646.14	648.28	648.51	0.38	ppb
Bismuth	209-1				93		%
Bismuth	209-2				88		%
Boron	10-1	1058.36	1091.12	1100.60	1083.36	2.05	ppb
Boron	11-1	1095.94	1124.52	1122.14	1114.20	1.42	ppb
Cadmium	111-1	855.43	849.41	845.51	850.12	0.59	ppb
Cadmium	106-1	689.83	683.80	672.81	682.14	1.26	ppb
Cadmium	108-1	737.61	727.70	726.29	730.53	0.84	ppb
Calcium	43-1	94341.57	94318.96	93466.46	94042.33	0.53	ppb
Calcium	44-1	95466.79	96027.53	94915.40	95469.91	0.58	ppb
Chromium	52-2	1060.66	1060.91	985.81	1035.80	4.18	ppb
Cobalt	59-2	1367.71	1373.77	1275.95	1339.14	4.09	ppb
Copper	63-2	930.69	934.28	873.56	912.84	3.73	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				97		%
Holmium	165-2				92		%
Indium	115-1				86		%
Indium	115-2				82		%
Iron	56-2	81476.08	81282.04	75990.44	79582.85	3.91	ppb
Iron	57-2	80505.31	79944.48	74529.65	78326.48	4.21	ppb
Krypton	83-1						cps
Lead	206-1	759.49	762.68	761.75	761.31	0.22	ppb
Lead	207-1	722.32	724.14	728.32	724.93	0.42	ppb
Lead	208-1	744.80	747.97	747.71	746.83	0.24	ppb
Lithium	6-1				100		%
Magnesium	24-2	35666.80	35565.96	33337.89	34856.89	3.78	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2551-11DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	2
Date & Time Acquired ::	2019-05-17 16:09:58	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2810.10	2811.19	2623.74	2748.35	3.93	ppb
Molybdenum	94-1	571.18	567.78	572.57	570.51	0.43	ppb
Molybdenum	95-1	793.77	786.01	784.31	788.03	0.64	ppb
Molybdenum	96-1	763.24	756.96	762.37	760.86	0.45	ppb
Molybdenum	97-1	791.22	787.20	789.48	789.30	0.26	ppb
Molybdenum	98-1	797.05	785.02	789.81	790.63	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	282.53	283.33	262.78	276.22	4.21	ppb
Phosphorus	31-2	3780.55	3491.35	3345.94	3539.28	6.25	ppb
Potassium	39-2	9927.17	9962.76	9241.67	9710.53	4.19	ppb
Rhodium	103-1				83		%
Rhodium	103-2				83		%
Scandium	45-1				82		%
Scandium	45-2				82		%
Selenium	77-2	1517.40	1449.88	1408.85	1458.71	3.76	ppb
Selenium	78-2	1481.17	1486.38	1395.60	1454.39	3.51	ppb
Selenium	82-1	1501.65	1477.83	1492.65	1490.71	0.81	ppb
Silicon	28-1	8432.70	8408.22	8338.04	8392.99	0.59	ppb
Silver	109-1	410.98	408.14	405.57	408.23	0.66	ppb
Silver	107-1	412.00	406.90	404.13	407.67	0.98	ppb
Sodium	23-2	4003.35	3953.08	3690.73	3882.39	4.32	ppb
Strontium	86-1	1392.49	1398.47	1395.23	1395.39	0.21	ppb
Strontium	88-1	1414.00	1403.34	1404.25	1407.19	0.42	ppb
Sulfur	34-1	-1379.77	-1424.94	-1467.15	-1423.96		ppb
Terbium	159-1				95		%
Terbium	159-2				91		%
Thallium	203-1	1063.75	1069.92	1068.11	1067.26	0.30	ppb
Thallium	205-1	1062.85	1067.67	1065.22	1065.25	0.23	ppb
Thorium	232-1	33.52	33.87	33.52	33.64	0.61	ppb
Tin	118-1	697.12	684.55	680.89	687.52	1.24	ppb
Titanium	47-1	2463.39	2486.42	2451.15	2466.99	0.73	ppb
Uranium	238-1	184.32	184.59	184.24	184.38	0.10	ppb
Vanadium	51-2	1334.69	1339.80	1246.82	1307.11	4.00	ppb
Yttrium	89-1				98		%
Yttrium	89-2				94		%

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2551-11DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	2
Date & Time Acquired ::	2019-05-17 16:09:58	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	3108.67	3097.10	2886.18	3030.65	4.13	ppb
Zirconium	90-1	20.25	19.78	20.24	20.09	1.34	ppb
Zirconium	91-1	21.02	20.35	21.37	20.91	2.48	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCV91	Instrumnet Name :	P7
Client Sample ID :	CCV91	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 16:23:08	DataFile Name :	039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54084.89	52543.69	53231.39	53286.65	1.45	ppb
Antimony	121-1	477.94	467.62	480.16	475.24	1.41	ppb
Arsenic	75-2	520.10	501.42	511.74	511.09	1.83	ppb
Barium	135-1	2441.95	2400.30	2460.75	2434.33	1.27	ppb
Barium	137-1	2502.68	2477.78	2515.74	2498.73	0.77	ppb
Beryllium	9-1	501.48	498.86	502.12	500.82	0.35	ppb
Bismuth	209-1				84		%
Bismuth	209-2				81		%
Boron	10-1	498.45	505.11	527.70	510.42	3.00	ppb
Boron	11-1	501.66	504.61	515.63	507.30	1.45	ppb
Cadmium	111-1	516.39	508.22	519.38	514.67	1.12	ppb
Cadmium	106-1	512.31	512.08	507.54	510.64	0.53	ppb
Cadmium	108-1	510.27	501.57	518.98	510.27	1.71	ppb
Calcium	43-1	245122.80	241423.63	244485.20	243677.21	0.81	ppb
Calcium	44-1	246594.72	243458.35	246157.55	245403.54	0.69	ppb
Chromium	52-2	510.70	496.76	503.79	503.75	1.38	ppb
Cobalt	59-2	507.29	493.74	497.23	499.42	1.41	ppb
Copper	63-2	1029.39	1004.27	1018.73	1017.46	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				93		%
Holmium	165-2				91		%
Indium	115-1				84		%
Indium	115-2				83		%
Iron	56-2	134135.42	130392.35	131132.01	131886.59	1.50	ppb
Iron	57-2	132946.63	129115.24	130063.12	130708.33	1.53	ppb
Krypton	83-1						cps
Lead	206-1	508.74	506.00	516.54	510.42	1.07	ppb
Lead	207-1	507.00	500.04	511.71	506.25	1.16	ppb
Lead	208-1	510.47	504.02	515.14	509.87	1.10	ppb
Lithium	6-1				83		%
Magnesium	24-2	259355.68	252101.91	255141.34	255532.98	1.43	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCV91	Instrumnet Name :	P7
Client Sample ID :	CCV91	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 16:23:08	DataFile Name :	039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1024.33	1000.28	1000.47	1008.36	1.37	ppb
Molybdenum	94-1	2559.43	2521.39	2555.47	2545.43	0.82	ppb
Molybdenum	95-1	2553.75	2526.74	2566.76	2549.08	0.80	ppb
Molybdenum	96-1	2555.61	2517.16	2527.06	2533.28	0.79	ppb
Molybdenum	97-1	2509.22	2476.02	2521.00	2502.08	0.93	ppb
Molybdenum	98-1	2545.83	2523.19	2554.10	2541.04	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.84	486.05	493.51	492.80	1.30	ppb
Phosphorus	31-2	10226.62	9629.15	9551.45	9802.41	3.77	ppb
Potassium	39-2	129766.72	123971.64	126049.05	126595.80	2.32	ppb
Rhodium	103-1				77		%
Rhodium	103-2				79		%
Scandium	45-1				82		%
Scandium	45-2				84		%
Selenium	77-2	520.28	511.37	550.92	527.52	3.93	ppb
Selenium	78-2	536.68	517.69	520.78	525.05	1.94	ppb
Selenium	82-1	522.36	513.39	521.57	519.11	0.96	ppb
Silicon	28-1	437.81	441.72	457.79	445.77	2.38	ppb
Silver	109-1	501.45	494.60	501.93	499.33	0.82	ppb
Silver	107-1	502.64	494.59	504.72	500.65	1.07	ppb
Sodium	23-2	256891.69	245373.54	250986.59	251083.94	2.29	ppb
Strontium	86-1	500.40	492.25	504.01	498.89	1.21	ppb
Strontium	88-1	506.57	498.01	506.23	503.61	0.96	ppb
Sulfur	34-1	10018.06	9808.95	9829.83	9885.61	1.17	ppb
Terbium	159-1				92		%
Terbium	159-2				90		%
Thallium	203-1	502.25	500.58	507.24	503.36	0.69	ppb
Thallium	205-1	517.14	513.94	523.71	518.26	0.96	ppb
Thorium	232-1	533.29	526.42	532.70	530.80	0.72	ppb
Tin	118-1	487.33	476.16	484.72	482.74	1.21	ppb
Titanium	47-1	2552.94	2506.30	2548.54	2535.92	1.02	ppb
Uranium	238-1	534.32	524.72	534.29	531.11	1.04	ppb
Vanadium	51-2	514.30	498.65	505.43	506.13	1.55	ppb
Yttrium	89-1				86		%
Yttrium	89-2				85		%

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCV91	Instrumnet Name :	P7
Client Sample ID :	CCV91	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 16:23:08	DataFile Name :	039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1087.56	1055.59	1069.62	1070.92	1.50	ppb
Zirconium	90-1	509.06	506.10	513.94	509.70	0.78	ppb
Zirconium	91-1	501.14	501.83	507.30	503.42	0.67	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCB91	Instrumnet Name :	P7
Client Sample ID :	CCB91	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 16:31:32	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.40	2.04	2.28	1.91	23.94	ppb
Antimony	121-1	0.14	0.18	0.18	0.17	14.60	ppb
Arsenic	75-2	0.03	0.04	0.02	0.03	39.86	ppb
Barium	135-1	0.09	0.08	0.07	0.08	14.23	ppb
Barium	137-1	0.08	0.07	0.04	0.06	28.77	ppb
Beryllium	9-1	0.09	0.10	0.08	0.09	11.78	ppb
Bismuth	209-1				97		%
Bismuth	209-2				94		%
Boron	10-1	11.22	10.55	11.14	10.97	3.35	ppb
Boron	11-1	12.07	12.18	11.21	11.82	4.48	ppb
Cadmium	111-1	0.03	0.09	0.02	0.05	87.60	ppb
Cadmium	106-1	-0.01	0.89	-0.02	0.29	182.62	ppb
Cadmium	108-1	-0.04	0.08	-0.01	0.01	530.97	ppb
Calcium	43-1	6.03	7.85	6.10	6.66	15.45	ppb
Calcium	44-1	5.47	5.38	3.73	4.86	20.10	ppb
Chromium	52-2	0.00	0.01	0.04	0.02	111.78	ppb
Cobalt	59-2	0.02	0.01	0.00	0.01	76.06	ppb
Copper	63-2	0.09	0.09	0.09	0.09	3.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				96		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	56-2	4.15	4.13	4.09	4.13	0.73	ppb
Iron	57-2	5.01	3.28	4.65	4.32	21.15	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.03	0.07	0.05	32.57	ppb
Lead	207-1	0.06	0.06	0.05	0.06	7.75	ppb
Lead	208-1	0.05	0.05	0.05	0.05	3.11	ppb
Lithium	6-1				93		%
Magnesium	24-2	7.71	7.31	7.65	7.56	2.85	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCB91	Instrumnet Name :	P7
Client Sample ID :	CCB91	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 16:31:32	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.02	0.06	0.03	65.50	ppb
Molybdenum	94-1	0.22	0.16	0.17	0.18	16.81	ppb
Molybdenum	95-1	0.23	0.18	0.23	0.21	12.29	ppb
Molybdenum	96-1	0.25	0.16	0.22	0.21	20.02	ppb
Molybdenum	97-1	0.30	0.21	0.20	0.24	22.69	ppb
Molybdenum	98-1	0.25	0.22	0.18	0.22	16.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.03	0.05	0.03	73.66	ppb
Phosphorus	31-2	-14.56	-29.73	-31.79	-25.36		ppb
Potassium	39-2	3.54	3.49	6.15	4.39	34.67	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.28	0.11	0.03	0.14	88.76	ppb
Selenium	82-1	0.34	-0.13	-0.20	0.01	4897.94	ppb
Silicon	28-1	-0.47	-0.67	-0.41	-0.52		ppb
Silver	109-1	0.03	0.03	0.02	0.03	8.02	ppb
Silver	107-1	0.01	0.02	0.02	0.02	20.72	ppb
Sodium	23-2	22.46	21.75	21.29	21.83	2.71	ppb
Strontium	86-1	0.00	-0.01	-0.01	-0.01		ppb
Strontium	88-1	0.01	0.02	0.01	0.02	16.95	ppb
Sulfur	34-1	-334.34	-405.56	-291.37	-343.76		ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	0.04	0.04	0.06	0.05	20.79	ppb
Thallium	205-1	0.04	0.04	0.05	0.04	6.42	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	2.97	ppb
Tin	118-1	0.05	0.03	0.04	0.04	24.30	ppb
Titanium	47-1	0.08	0.07	0.14	0.10	40.20	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	11.18	ppb
Vanadium	51-2	0.02	0.01	0.03	0.02	39.28	ppb
Yttrium	89-1				95		%
Yttrium	89-2				95		%

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCB91	Instrumnet Name :	P7
Client Sample ID :	CCB91	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 16:31:32	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.01	0.00	-0.01	-0.01		ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	36.31	ppb
Zirconium	91-1	-0.01	0.00	0.01	0.00	6641.36	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2241-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT2-	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 17:43:34	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.04	5.42	4.24	4.57	16.32	ppb
Antimony	121-1	0.23	0.25	0.29	0.26	12.37	ppb
Arsenic	75-2	0.23	0.23	0.23	0.23	1.83	ppb
Barium	135-1	1.11	1.20	1.18	1.16	3.71	ppb
Barium	137-1	1.17	1.08	1.08	1.11	4.85	ppb
Beryllium	9-1	0.24	0.26	0.21	0.24	10.62	ppb
Bismuth	209-1				92		%
Bismuth	209-2				87		%
Boron	10-1	2.08	2.35	2.06	2.16	7.45	ppb
Boron	11-1	2.22	2.30	2.54	2.35	6.90	ppb
Cadmium	111-1	0.23	0.31	0.28	0.27	13.52	ppb
Cadmium	106-1	0.29	0.93	0.74	0.65	49.96	ppb
Cadmium	108-1	0.31	0.19	0.19	0.23	28.97	ppb
Calcium	43-1	21.46	15.08	18.95	18.50	17.38	ppb
Calcium	44-1	20.95	20.72	21.67	21.11	2.34	ppb
Chromium	52-2	0.24	0.19	0.32	0.25	25.78	ppb
Cobalt	59-2	0.23	0.26	0.29	0.26	10.41	ppb
Copper	63-2	0.50	0.44	0.59	0.51	14.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				90		%
Indium	115-1				95		%
Indium	115-2				91		%
Iron	56-2	11.88	12.87	14.30	13.01	9.35	ppb
Iron	57-2	11.58	11.82	15.43	12.94	16.66	ppb
Krypton	83-1						cps
Lead	206-1	0.21	0.20	0.23	0.21	5.84	ppb
Lead	207-1	0.21	0.25	0.23	0.23	10.46	ppb
Lead	208-1	0.21	0.22	0.21	0.22	1.55	ppb
Lithium	6-1				96		%
Magnesium	24-2	23.10	26.80	27.18	25.69	8.79	ppb

LB Number : LB102841 Operator : Jaswal
 Lab Sample ID : K2241-01 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-SOIL-01-QT2- Dilution Factor : 1
 Date & Time Acquired :: 2019-05-17 17:43:34 DataFile Name : 041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.42	0.53	0.53	0.50	13.04	ppb
Molybdenum	94-1	1.11	1.08	1.12	1.10	1.84	ppb
Molybdenum	95-1	1.12	1.11	1.10	1.11	0.60	ppb
Molybdenum	96-1	1.04	1.13	1.19	1.12	7.09	ppb
Molybdenum	97-1	1.09	1.10	1.19	1.13	5.02	ppb
Molybdenum	98-1	1.11	1.15	1.07	1.11	3.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.28	0.28	0.32	0.29	7.61	ppb
Phosphorus	31-2	-28.06	-18.03	-4.46	-16.85		ppb
Potassium	39-2	14.16	21.32	19.83	18.44	20.50	ppb
Rhodium	103-1				95		%
Rhodium	103-2				91		%
Scandium	45-1				95		%
Scandium	45-2				90		%
Selenium	77-2	2.38	1.51	0.54	1.48	62.12	ppb
Selenium	78-2	1.86	2.56	3.77	2.73	35.35	ppb
Selenium	82-1	2.43	1.89	2.31	2.21	12.91	ppb
Silicon	28-1	0.31	-0.29	0.00	0.01	4045.81	ppb
Silver	109-1	0.25	0.24	0.22	0.24	6.73	ppb
Silver	107-1	0.25	0.24	0.23	0.24	3.99	ppb
Sodium	23-2	20.77	22.24	26.21	23.07	12.21	ppb
Strontium	86-1	0.18	0.28	0.26	0.24	22.33	ppb
Strontium	88-1	0.23	0.22	0.23	0.23	2.28	ppb
Sulfur	34-1	296.23	199.49	280.12	258.61	20.04	ppb
Terbium	159-1				95		%
Terbium	159-2				89		%
Thallium	203-1	0.20	0.22	0.24	0.22	7.96	ppb
Thallium	205-1	0.21	0.22	0.22	0.22	3.12	ppb
Thorium	232-1	0.20	0.19	0.19	0.19	3.83	ppb
Tin	118-1	0.22	0.20	0.27	0.23	14.23	ppb
Titanium	47-1	1.20	1.14	1.20	1.18	3.10	ppb
Uranium	238-1	0.20	0.20	0.20	0.20	0.81	ppb
Vanadium	51-2	0.21	0.28	0.29	0.26	17.41	ppb
Yttrium	89-1				95		%
Yttrium	89-2				91		%

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2241-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT2-	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 17:43:34	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.32	0.49	0.46	0.42	21.10	ppb
Zirconium	90-1	0.23	0.20	0.22	0.22	5.83	ppb
Zirconium	91-1	0.26	0.26	0.24	0.25	6.44	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2241-02	Instrumnet Name :	P7
Client Sample ID :	LOQ-SOIL-02-QT2-2019	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 17:47:12	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33.29	34.99	35.46	34.58	3.29	ppb
Antimony	121-1	3.45	3.54	3.57	3.52	1.73	ppb
Arsenic	75-2	1.72	1.76	1.53	1.67	7.29	ppb
Barium	135-1	18.57	18.58	18.40	18.52	0.54	ppb
Barium	137-1	18.31	18.62	19.00	18.64	1.85	ppb
Beryllium	9-1	1.91	1.95	1.89	1.92	1.61	ppb
Bismuth	209-1				92		%
Bismuth	209-2				93		%
Boron	10-1	42.22	45.78	43.79	43.93	4.06	ppb
Boron	11-1	44.09	43.46	43.97	43.84	0.76	ppb
Cadmium	111-1	1.78	1.86	2.00	1.88	5.85	ppb
Cadmium	106-1	2.08	1.51	3.26	2.29	39.02	ppb
Cadmium	108-1	2.15	1.71	1.75	1.87	12.80	ppb
Calcium	43-1	823.73	859.75	832.76	838.75	2.23	ppb
Calcium	44-1	860.86	855.31	864.41	860.19	0.53	ppb
Chromium	52-2	3.71	3.81	3.54	3.69	3.74	ppb
Cobalt	59-2	1.84	1.83	1.91	1.86	2.22	ppb
Copper	63-2	3.59	3.48	3.49	3.52	1.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				95		%
Indium	115-1				94		%
Indium	115-2				96		%
Iron	56-2	101.65	101.79	100.92	101.46	0.46	ppb
Iron	57-2	103.72	101.49	96.24	100.48	3.82	ppb
Krypton	83-1						cps
Lead	206-1	1.69	1.70	1.74	1.71	1.58	ppb
Lead	207-1	1.62	1.67	1.64	1.64	1.53	ppb
Lead	208-1	1.65	1.69	1.70	1.68	1.65	ppb
Lithium	6-1				96		%
Magnesium	24-2	949.64	956.50	945.71	950.61	0.57	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2241-02	Instrumnet Name :	P7
Client Sample ID :	LOQ-SOIL-02-QT2-2019	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 17:47:12	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.87	1.94	1.87	1.89	2.22	ppb
Molybdenum	94-1	9.16	8.84	8.84	8.95	2.08	ppb
Molybdenum	95-1	9.33	9.27	9.42	9.34	0.80	ppb
Molybdenum	96-1	9.33	9.08	9.22	9.21	1.39	ppb
Molybdenum	97-1	9.37	9.21	9.16	9.25	1.16	ppb
Molybdenum	98-1	9.32	9.51	9.41	9.41	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.97	1.97	2.01	1.98	1.18	ppb
Phosphorus	31-2	83.18	73.04	54.83	70.35	20.42	ppb
Potassium	39-2	896.88	899.48	888.84	895.07	0.62	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	77-2	16.72	8.13	8.62	11.16	43.21	ppb
Selenium	78-2	8.76	11.49	9.18	9.81	14.97	ppb
Selenium	82-1	10.62	9.49	10.18	10.10	5.67	ppb
Silicon	28-1	13.85	13.63	13.69	13.73	0.82	ppb
Silver	109-1	2.01	2.01	1.97	2.00	1.27	ppb
Silver	107-1	2.01	1.99	1.97	1.99	0.94	ppb
Sodium	23-2	872.88	879.94	870.69	874.50	0.55	ppb
Strontium	86-1	1.77	1.64	1.86	1.76	6.42	ppb
Strontium	88-1	1.71	1.77	1.77	1.75	1.87	ppb
Sulfur	34-1	322.19	409.25	384.29	371.91	12.05	ppb
Terbium	159-1				94		%
Terbium	159-2				95		%
Thallium	203-1	1.71	1.76	1.66	1.71	2.81	ppb
Thallium	205-1	1.73	1.76	1.74	1.74	0.99	ppb
Thorium	232-1	1.55	1.54	1.54	1.54	0.29	ppb
Tin	118-1	9.38	10.01	9.80	9.73	3.29	ppb
Titanium	47-1	9.32	9.69	9.62	9.54	2.08	ppb
Uranium	238-1	1.56	1.58	1.57	1.57	0.54	ppb
Vanadium	51-2	9.69	9.48	9.61	9.59	1.10	ppb
Yttrium	89-1				95		%
Yttrium	89-2				96		%

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2241-02	Instrumnet Name :	P7
Client Sample ID :	LOQ-SOIL-02-QT2-2019	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 17:47:12	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	3.39	3.41	3.72	3.51	5.28	ppb
Zirconium	90-1	1.79	1.67	1.70	1.72	3.79	ppb
Zirconium	91-1	1.72	1.61	1.65	1.66	3.15	ppb

LB Number : LB102841 Operator : Jaswal
 Lab Sample ID : K2241-07 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-17 17:50:48 DataFile Name : 043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.90	4.86	4.11	4.29	11.85	ppb
Antimony	121-1	0.21	0.23	0.23	0.22	5.19	ppb
Arsenic	75-2	0.25	0.13	0.28	0.22	35.82	ppb
Barium	135-1	1.15	1.12	1.10	1.12	2.28	ppb
Barium	137-1	1.22	1.11	1.16	1.16	4.39	ppb
Beryllium	9-1	0.23	0.20	0.23	0.22	6.98	ppb
Bismuth	209-1				92		%
Bismuth	209-2				93		%
Boron	10-1	3.59	3.36	4.05	3.67	9.46	ppb
Boron	11-1	3.57	3.21	3.52	3.43	5.63	ppb
Cadmium	111-1	0.33	0.23	0.28	0.28	18.48	ppb
Cadmium	106-1	0.85	0.79	0.74	0.79	6.90	ppb
Cadmium	108-1	0.14	0.25	0.37	0.25	45.50	ppb
Calcium	43-1	24.32	19.28	21.82	21.81	11.57	ppb
Calcium	44-1	20.50	19.40	20.86	20.25	3.75	ppb
Chromium	52-2	0.25	0.26	0.20	0.24	12.20	ppb
Cobalt	59-2	0.22	0.22	0.24	0.22	5.93	ppb
Copper	63-2	0.48	0.45	0.44	0.46	3.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				95		%
Indium	115-1				94		%
Indium	115-2				96		%
Iron	56-2	12.36	12.57	11.71	12.22	3.65	ppb
Iron	57-2	13.06	11.45	13.19	12.57	7.73	ppb
Krypton	83-1						cps
Lead	206-1	0.23	0.20	0.24	0.22	8.78	ppb
Lead	207-1	0.23	0.20	0.23	0.22	6.48	ppb
Lead	208-1	0.22	0.20	0.22	0.21	7.17	ppb
Lithium	6-1				95		%
Magnesium	24-2	21.32	25.61	23.16	23.37	9.20	ppb

LB Number : LB102841 Operator : Jaswal
 Lab Sample ID : K2241-07 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-17 17:50:48 DataFile Name : 043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.49	0.44	0.51	0.48	7.70	ppb
Molybdenum	94-1	1.13	1.14	1.13	1.13	0.50	ppb
Molybdenum	95-1	1.16	1.09	1.12	1.12	2.90	ppb
Molybdenum	96-1	1.10	1.06	1.17	1.11	4.85	ppb
Molybdenum	97-1	1.28	1.15	0.98	1.14	13.39	ppb
Molybdenum	98-1	1.15	1.16	0.94	1.08	11.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.24	0.22	0.24	0.23	4.27	ppb
Phosphorus	31-2	-27.87	-17.31	-23.66	-22.95		ppb
Potassium	39-2	11.43	16.61	11.95	13.33	21.40	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				94		%
Scandium	45-2				96		%
Selenium	77-2	2.41	1.92	0.96	1.76	42.06	ppb
Selenium	78-2	3.63	2.75	2.72	3.03	16.97	ppb
Selenium	82-1	2.10	1.88	1.07	1.68	32.11	ppb
Silicon	28-1	0.05	-0.11	-0.20	-0.09		ppb
Silver	109-1	0.25	0.25	0.23	0.24	3.92	ppb
Silver	107-1	0.22	0.26	0.23	0.24	7.64	ppb
Sodium	23-2	21.45	20.91	19.83	20.73	3.98	ppb
Strontium	86-1	0.26	0.28	0.26	0.26	5.01	ppb
Strontium	88-1	0.21	0.23	0.22	0.22	4.08	ppb
Sulfur	34-1	191.17	193.29	215.80	200.09	6.82	ppb
Terbium	159-1				94		%
Terbium	159-2				94		%
Thallium	203-1	0.19	0.21	0.23	0.21	10.46	ppb
Thallium	205-1	0.21	0.23	0.21	0.21	6.87	ppb
Thorium	232-1	0.19	0.20	0.22	0.20	6.31	ppb
Tin	118-1	0.22	0.25	0.20	0.22	10.37	ppb
Titanium	47-1	1.05	1.21	1.03	1.10	9.10	ppb
Uranium	238-1	0.19	0.19	0.19	0.19	1.08	ppb
Vanadium	51-2	0.19	0.24	0.24	0.23	13.17	ppb
Yttrium	89-1				94		%
Yttrium	89-2				96		%

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2241-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 17:50:48	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.43	0.40	0.35	0.39	9.90	ppb
Zirconium	90-1	0.23	0.21	0.23	0.22	4.93	ppb
Zirconium	91-1	0.19	0.20	0.18	0.19	7.63	ppb

LB Number : LB102841 Operator : Jaswal
 Lab Sample ID : K2241-08 Instrumnet Name : P7
 Client Sample ID : LOQ-WATER-02-QT2-20 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-17 17:54:59 DataFile Name : 044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34.05	38.96	34.59	35.87	7.51	ppb
Antimony	121-1	3.47	3.54	3.46	3.49	1.19	ppb
Arsenic	75-2	1.92	1.85	1.62	1.80	8.91	ppb
Barium	135-1	17.90	18.37	18.44	18.24	1.60	ppb
Barium	137-1	18.62	18.43	18.19	18.41	1.16	ppb
Beryllium	9-1	1.82	1.86	1.82	1.83	1.10	ppb
Bismuth	209-1				92		%
Bismuth	209-2				93		%
Boron	10-1	43.98	41.10	45.33	43.47	4.97	ppb
Boron	11-1	42.81	43.55	44.44	43.60	1.87	ppb
Cadmium	111-1	1.90	1.84	1.92	1.88	2.27	ppb
Cadmium	106-1	2.55	2.43	2.64	2.54	4.19	ppb
Cadmium	108-1	1.81	1.87	1.69	1.79	5.10	ppb
Calcium	43-1	888.46	880.30	846.89	871.88	2.53	ppb
Calcium	44-1	850.90	849.48	856.48	852.28	0.43	ppb
Chromium	52-2	3.57	3.74	3.75	3.69	2.70	ppb
Cobalt	59-2	1.87	1.86	1.92	1.88	1.59	ppb
Copper	63-2	3.47	3.43	3.51	3.47	1.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				96		%
Indium	115-1				94		%
Indium	115-2				97		%
Iron	56-2	100.62	99.57	102.16	100.78	1.29	ppb
Iron	57-2	100.03	103.28	104.07	102.46	2.09	ppb
Krypton	83-1						cps
Lead	206-1	1.69	1.71	1.70	1.70	0.73	ppb
Lead	207-1	1.74	1.62	1.63	1.67	4.00	ppb
Lead	208-1	1.71	1.68	1.68	1.69	1.10	ppb
Lithium	6-1				96		%
Magnesium	24-2	930.94	939.52	941.77	937.41	0.61	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2241-08	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-02-QT2-20	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 17:54:59	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.86	1.86	1.79	1.84	2.29	ppb
Molybdenum	94-1	9.06	9.08	8.83	8.99	1.55	ppb
Molybdenum	95-1	9.21	9.28	9.06	9.18	1.24	ppb
Molybdenum	96-1	9.11	9.46	9.27	9.28	1.88	ppb
Molybdenum	97-1	9.56	9.53	9.67	9.58	0.77	ppb
Molybdenum	98-1	9.23	8.99	9.08	9.10	1.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.20	1.92	1.94	2.02	7.78	ppb
Phosphorus	31-2	56.29	85.82	65.05	69.05	21.96	ppb
Potassium	39-2	876.31	891.01	871.63	879.65	1.15	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				94		%
Scandium	45-2				95		%
Selenium	77-2	12.49	9.10	7.65	9.75	25.49	ppb
Selenium	78-2	9.67	9.11	9.54	9.44	3.15	ppb
Selenium	82-1	9.75	10.67	10.00	10.14	4.70	ppb
Silicon	28-1	13.85	13.53	13.22	13.53	2.34	ppb
Silver	109-1	1.99	2.05	2.05	2.03	1.76	ppb
Silver	107-1	2.01	1.96	2.09	2.02	3.31	ppb
Sodium	23-2	862.71	873.42	867.06	867.73	0.62	ppb
Strontium	86-1	1.77	1.82	1.74	1.78	2.14	ppb
Strontium	88-1	1.75	1.74	1.72	1.73	0.96	ppb
Sulfur	34-1	419.97	427.43	439.16	428.85	2.25	ppb
Terbium	159-1				94		%
Terbium	159-2				95		%
Thallium	203-1	1.69	1.71	1.64	1.68	2.07	ppb
Thallium	205-1	1.69	1.71	1.69	1.69	0.60	ppb
Thorium	232-1	1.59	1.53	1.54	1.55	2.25	ppb
Tin	118-1	9.53	9.61	9.81	9.65	1.52	ppb
Titanium	47-1	9.04	9.41	9.37	9.27	2.17	ppb
Uranium	238-1	1.64	1.55	1.58	1.59	2.93	ppb
Vanadium	51-2	9.62	9.62	9.53	9.59	0.52	ppb
Yttrium	89-1				94		%
Yttrium	89-2				96		%

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2241-08	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-02-QT2-20	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 17:54:59	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	3.48	3.57	3.51	3.52	1.26	ppb
Zirconium	90-1	1.69	1.72	1.78	1.73	2.81	ppb
Zirconium	91-1	1.61	1.91	1.74	1.75	8.62	ppb

LB Number : LB102841 Operator : Jaswal
 Lab Sample ID : K2241-07RE Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-17 17:58:34 DataFile Name : 045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.66	4.64	4.34	3.88	27.43	ppb
Antimony	121-1	0.23	0.21	0.23	0.23	4.92	ppb
Arsenic	75-2	0.20	0.22	0.22	0.22	6.53	ppb
Barium	135-1	0.98	1.14	1.23	1.12	11.35	ppb
Barium	137-1	1.21	1.20	1.13	1.18	3.43	ppb
Beryllium	9-1	0.24	0.29	0.29	0.28	9.62	ppb
Bismuth	209-1				91		%
Bismuth	209-2				92		%
Boron	10-1	4.58	4.24	3.03	3.95	20.64	ppb
Boron	11-1	3.85	3.51	3.66	3.67	4.68	ppb
Cadmium	111-1	0.30	0.33	0.29	0.31	6.99	ppb
Cadmium	106-1	0.71	1.66	0.79	1.05	49.84	ppb
Cadmium	108-1	0.29	0.44	0.32	0.35	22.64	ppb
Calcium	43-1	20.49	25.35	19.52	21.78	14.35	ppb
Calcium	44-1	20.39	21.79	20.57	20.92	3.64	ppb
Chromium	52-2	0.22	0.19	0.21	0.21	6.25	ppb
Cobalt	59-2	0.23	0.23	0.24	0.23	3.24	ppb
Copper	63-2	0.52	0.46	0.48	0.49	6.17	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				92		%
Holmium	165-2				94		%
Indium	115-1				92		%
Indium	115-2				95		%
Iron	56-2	12.08	11.81	12.10	12.00	1.37	ppb
Iron	57-2	10.83	14.59	11.97	12.46	15.45	ppb
Krypton	83-1						cps
Lead	206-1	0.24	0.21	0.26	0.24	10.11	ppb
Lead	207-1	0.24	0.24	0.25	0.24	3.97	ppb
Lead	208-1	0.22	0.21	0.23	0.22	5.79	ppb
Lithium	6-1				94		%
Magnesium	24-2	22.59	23.35	22.90	22.94	1.68	ppb

LB Number : LB102841 Operator : Jaswal
 Lab Sample ID : K2241-07RE Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-17 17:58:34 DataFile Name : 045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.46	0.50	0.47	0.48	4.69	ppb
Molybdenum	94-1	1.04	1.20	1.13	1.13	7.09	ppb
Molybdenum	95-1	1.06	1.11	1.16	1.11	4.26	ppb
Molybdenum	96-1	1.01	1.09	1.16	1.09	6.84	ppb
Molybdenum	97-1	1.06	1.08	0.95	1.03	7.03	ppb
Molybdenum	98-1	1.15	1.13	1.15	1.14	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.28	0.25	0.25	0.26	7.51	ppb
Phosphorus	31-2	-10.66	-16.84	-38.36	-21.95		ppb
Potassium	39-2	15.23	13.31	12.19	13.58	11.35	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				92		%
Scandium	45-2				95		%
Selenium	77-2	2.92	0.49	1.46	1.62	75.53	ppb
Selenium	78-2	3.20	1.70	2.25	2.38	31.79	ppb
Selenium	82-1	1.92	2.44	2.15	2.17	11.93	ppb
Silicon	28-1	0.36	0.68	0.32	0.45	44.32	ppb
Silver	109-1	0.24	0.20	0.26	0.23	12.55	ppb
Silver	107-1	0.24	0.23	0.24	0.24	3.91	ppb
Sodium	23-2	19.32	22.30	19.88	20.50	7.71	ppb
Strontium	86-1	0.31	0.26	0.21	0.26	18.38	ppb
Strontium	88-1	0.23	0.21	0.20	0.21	6.77	ppb
Sulfur	34-1	423.29	485.51	435.28	448.02	7.37	ppb
Terbium	159-1				92		%
Terbium	159-2				93		%
Thallium	203-1	0.20	0.19	0.22	0.20	6.70	ppb
Thallium	205-1	0.23	0.22	0.22	0.22	2.85	ppb
Thorium	232-1	0.20	0.20	0.19	0.20	1.80	ppb
Tin	118-1	0.22	0.23	0.27	0.24	11.32	ppb
Titanium	47-1	1.25	1.31	1.21	1.26	4.05	ppb
Uranium	238-1	0.21	0.21	0.20	0.21	1.74	ppb
Vanadium	51-2	0.24	0.21	0.20	0.21	9.47	ppb
Yttrium	89-1				93		%
Yttrium	89-2				94		%

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2241-07RE	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 17:58:34	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.30	0.41	0.34	0.35	16.11	ppb
Zirconium	90-1	0.22	0.23	0.22	0.22	3.00	ppb
Zirconium	91-1	0.23	0.19	0.26	0.23	15.78	ppb

LB Number : LB102841 Operator : Jaswal
 Lab Sample ID : K2241-08RE Instrumnet Name : P7
 Client Sample ID : LOQ-WATER-02-QT2-20 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-17 18:02:10 DataFile Name : 046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.46	34.85	35.01	35.77	4.09	ppb
Antimony	121-1	3.60	3.44	3.16	3.40	6.50	ppb
Arsenic	75-2	1.96	1.99	1.78	1.91	6.11	ppb
Barium	135-1	18.46	18.16	16.85	17.82	4.81	ppb
Barium	137-1	18.45	18.64	16.65	17.91	6.14	ppb
Beryllium	9-1	1.86	1.83	1.71	1.80	4.27	ppb
Bismuth	209-1				95		%
Bismuth	209-2				92		%
Boron	10-1	42.60	45.33	39.98	42.63	6.28	ppb
Boron	11-1	42.79	43.94	42.03	42.92	2.23	ppb
Cadmium	111-1	1.90	1.95	1.63	1.83	9.44	ppb
Cadmium	106-1	3.29	2.89	2.28	2.82	18.12	ppb
Cadmium	108-1	1.60	1.57	2.03	1.73	14.84	ppb
Calcium	43-1	811.80	824.68	750.82	795.77	4.96	ppb
Calcium	44-1	855.27	869.87	774.23	833.13	6.18	ppb
Chromium	52-2	3.71	3.61	3.56	3.63	2.11	ppb
Cobalt	59-2	1.85	1.75	1.83	1.81	3.07	ppb
Copper	63-2	3.60	3.40	3.62	3.54	3.45	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				97		%
Holmium	165-2				95		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	100.81	100.39	99.65	100.28	0.59	ppb
Iron	57-2	105.98	108.67	94.72	103.12	7.18	ppb
Krypton	83-1						cps
Lead	206-1	1.78	1.79	1.53	1.70	8.63	ppb
Lead	207-1	1.68	1.72	1.46	1.62	8.74	ppb
Lead	208-1	1.71	1.72	1.51	1.65	7.10	ppb
Lithium	6-1				99		%
Magnesium	24-2	953.74	932.72	924.63	937.03	1.60	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2241-08RE	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-02-QT2-20	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 18:02:10	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.78	1.74	1.99	1.83	7.33	ppb
Molybdenum	94-1	9.30	9.11	7.99	8.80	8.00	ppb
Molybdenum	95-1	9.00	8.98	8.22	8.73	5.08	ppb
Molybdenum	96-1	9.01	9.32	8.47	8.93	4.79	ppb
Molybdenum	97-1	9.06	9.18	8.42	8.88	4.61	ppb
Molybdenum	98-1	9.20	9.31	8.32	8.94	6.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.07	1.91	1.95	1.98	4.06	ppb
Phosphorus	31-2	48.90	33.48	58.69	47.02	27.03	ppb
Potassium	39-2	887.53	878.25	888.48	884.75	0.64	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	77-2	10.14	6.76	8.67	8.52	19.88	ppb
Selenium	78-2	10.28	9.65	11.27	10.40	7.85	ppb
Selenium	82-1	10.17	9.77	9.63	9.86	2.87	ppb
Silicon	28-1	13.08	13.34	11.12	12.51	9.68	ppb
Silver	109-1	2.15	2.10	1.83	2.03	8.62	ppb
Silver	107-1	2.03	2.01	1.82	1.95	6.09	ppb
Sodium	23-2	873.21	859.00	864.88	865.70	0.82	ppb
Strontium	86-1	1.73	1.77	1.64	1.71	4.01	ppb
Strontium	88-1	1.78	1.73	1.59	1.70	5.69	ppb
Sulfur	34-1	389.85	362.65	-236.09	172.14	205.53	ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	1.64	1.68	1.54	1.62	4.33	ppb
Thallium	205-1	1.70	1.68	1.51	1.63	6.31	ppb
Thorium	232-1	1.58	1.53	1.41	1.51	5.84	ppb
Tin	118-1	9.69	9.51	8.38	9.19	7.74	ppb
Titanium	47-1	10.33	9.69	8.47	9.50	9.97	ppb
Uranium	238-1	1.58	1.56	1.41	1.52	6.01	ppb
Vanadium	51-2	9.76	9.71	9.36	9.61	2.28	ppb
Yttrium	89-1				97		%
Yttrium	89-2				95		%

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2241-08RE	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-02-QT2-20	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 18:02:10	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	3.55	3.80	3.57	3.64	3.76	ppb
Zirconium	90-1	1.75	1.68	1.54	1.66	6.28	ppb
Zirconium	91-1	1.82	1.80	1.53	1.72	9.20	ppb

LB Number : LB102841 Operator : Jaswal
 Lab Sample ID : PB119338BL Instrumnet Name : P7
 Client Sample ID : PB119338BL Dilution Factor : 1
 Date & Time Acquired :: 2019-05-17 18:05:46 DataFile Name : 047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.31	0.62	0.31	0.41	43.82	ppb
Antimony	121-1	0.01	0.00	0.00	0.00	180.11	ppb
Arsenic	75-2	-0.01	0.00	-0.02	-0.01		ppb
Barium	135-1	0.01	0.01	0.01	0.01	0.52	ppb
Barium	137-1	0.01	0.02	0.01	0.01	11.20	ppb
Beryllium	9-1	0.03	0.03	0.02	0.03	8.29	ppb
Bismuth	209-1				92		%
Bismuth	209-2				91		%
Boron	10-1	2.14	2.23	1.16	1.84	32.19	ppb
Boron	11-1	1.85	1.90	1.66	1.80	6.89	ppb
Cadmium	111-1	0.02	0.03	-0.05	0.00		ppb
Cadmium	106-1	0.30	0.39	-0.59	0.03	1570.36	ppb
Cadmium	108-1	-0.03	0.02	-0.03	-0.01		ppb
Calcium	43-1	3.46	3.13	1.25	2.61	45.63	ppb
Calcium	44-1	2.47	1.50	1.27	1.74	36.68	ppb
Chromium	52-2	-0.04	0.02	-0.03	-0.02		ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.00	0.02	-0.01	0.00	1002.06	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				93		%
Holmium	165-2				93		%
Indium	115-1				93		%
Indium	115-2				95		%
Iron	56-2	0.51	0.61	0.51	0.54	10.22	ppb
Iron	57-2	0.05	0.92	0.84	0.60	79.72	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.00	0.00	72.26	ppb
Lead	207-1	0.01	0.00	0.00	0.00	183.64	ppb
Lead	208-1	0.00	0.00	0.00	0.00	76.42	ppb
Lithium	6-1				95		%
Magnesium	24-2	2.41	2.77	2.93	2.70	9.84	ppb

LB Number : LB102841 Operator : Jaswal
 Lab Sample ID : PB119338BL Instrumnet Name : P7
 Client Sample ID : PB119338BL Dilution Factor : 1
 Date & Time Acquired :: 2019-05-17 18:05:46 DataFile Name : 047CCBE.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	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	95-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	96-1	0.00	0.00	0.01	0.00	365.88	ppb
Molybdenum	97-1	0.01	-0.01	-0.01	0.00		ppb
Molybdenum	98-1	0.00	0.01	0.00	0.00	3486.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	-0.02	0.00	2446.32	ppb
Phosphorus	31-2	-36.14	-21.30	-27.47	-28.30		ppb
Potassium	39-2	7.64	3.92	8.15	6.57	35.09	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				92		%
Scandium	45-2				93		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.10	0.19	0.28	0.13	156.41	ppb
Selenium	82-1	-0.26	-0.17	-0.30	-0.24		ppb
Silicon	28-1	0.17	-0.06	0.10	0.07	171.33	ppb
Silver	109-1	0.01	0.00	0.00	0.00	221.89	ppb
Silver	107-1	0.00	0.00	-0.01	0.00		ppb
Sodium	23-2	1.13	0.90	1.31	1.11	18.41	ppb
Strontium	86-1	0.00	0.00	0.04	0.02	148.82	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	289.94	ppb
Sulfur	34-1	333.76	333.07	324.03	330.29	1.64	ppb
Terbium	159-1				93		%
Terbium	159-2				93		%
Thallium	203-1	0.01	0.01	0.00	0.01	114.54	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	61.90	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	114.53	ppb
Tin	118-1	-0.02	-0.02	0.00	-0.01		ppb
Titanium	47-1	0.04	0.05	0.02	0.03	40.70	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	1438.18	ppb
Yttrium	89-1				93		%
Yttrium	89-2				94		%

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	PB119338BL	Instrumnet Name :	P7
Client Sample ID :	PB119338BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 18:05:46	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.04	-0.10	-0.12	-0.09		ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	34.88	ppb
Zirconium	91-1	-0.01	-0.01	0.04	0.01	494.46	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	PB119338BS	Instrumnet Name :	P7
Client Sample ID :	PB119338BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 18:09:22	DataFile Name :	048LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9604.07	9547.03	9560.20	9570.43	0.31	ppb
Antimony	121-1	498.90	500.05	496.11	498.35	0.41	ppb
Arsenic	75-2	509.34	507.24	506.39	507.66	0.30	ppb
Barium	135-1	2496.86	2475.65	2476.70	2483.07	0.48	ppb
Barium	137-1	2534.43	2532.00	2502.95	2523.13	0.69	ppb
Beryllium	9-1	513.51	510.01	507.18	510.23	0.62	ppb
Bismuth	209-1				88		%
Bismuth	209-2				86		%
Boron	10-1	487.57	494.58	495.76	492.64	0.90	ppb
Boron	11-1	484.64	490.89	492.71	489.41	0.86	ppb
Cadmium	111-1	492.43	492.16	487.40	490.66	0.58	ppb
Cadmium	106-1	495.80	501.63	485.37	494.27	1.67	ppb
Cadmium	108-1	500.66	493.90	487.29	493.95	1.35	ppb
Calcium	43-1	49278.42	49380.27	48794.26	49150.98	0.64	ppb
Calcium	44-1	50017.95	49705.77	49660.70	49794.81	0.39	ppb
Chromium	52-2	504.19	508.98	508.07	507.08	0.50	ppb
Cobalt	59-2	508.48	512.28	513.92	511.56	0.55	ppb
Copper	63-2	937.69	941.62	937.91	939.07	0.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				91		%
Indium	115-1				86		%
Indium	115-2				85		%
Iron	56-2	26504.26	26544.67	26560.79	26536.57	0.11	ppb
Iron	57-2	25972.35	26085.39	26124.27	26060.67	0.30	ppb
Krypton	83-1						cps
Lead	206-1	497.16	497.54	494.47	496.39	0.34	ppb
Lead	207-1	488.88	488.10	491.02	489.33	0.31	ppb
Lead	208-1	494.23	495.98	490.53	493.58	0.56	ppb
Lithium	6-1				88		%
Magnesium	24-2	53323.63	53242.68	53016.59	53194.30	0.30	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	PB119338BS	Instrumnet Name :	P7
Client Sample ID :	PB119338BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 18:09:22	DataFile Name :	048LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1014.17	1024.13	1027.73	1022.01	0.69	ppb
Molybdenum	94-1	2515.50	2520.66	2497.65	2511.27	0.48	ppb
Molybdenum	95-1	2534.13	2503.55	2511.26	2516.32	0.63	ppb
Molybdenum	96-1	2512.59	2519.12	2497.27	2509.66	0.45	ppb
Molybdenum	97-1	2480.36	2488.73	2470.37	2479.82	0.37	ppb
Molybdenum	98-1	2516.47	2513.39	2499.82	2509.89	0.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.21	515.38	519.58	515.06	0.91	ppb
Phosphorus	31-2	10001.60	10044.98	9857.15	9967.91	0.99	ppb
Potassium	39-2	24463.62	24620.67	24530.73	24538.34	0.32	ppb
Rhodium	103-1				83		%
Rhodium	103-2				83		%
Scandium	45-1				84		%
Scandium	45-2				84		%
Selenium	77-2	534.44	532.26	499.43	522.04	3.76	ppb
Selenium	78-2	515.71	511.63	519.41	515.58	0.75	ppb
Selenium	82-1	514.76	509.68	517.49	513.98	0.77	ppb
Silicon	28-1	418.85	424.78	424.84	422.82	0.81	ppb
Silver	109-1	483.27	480.70	476.71	480.23	0.69	ppb
Silver	107-1	483.40	479.99	480.24	481.21	0.39	ppb
Sodium	23-2	50383.79	50586.66	50516.40	50495.62	0.20	ppb
Strontium	86-1	500.57	501.00	497.97	499.85	0.33	ppb
Strontium	88-1	500.87	495.93	501.62	499.47	0.62	ppb
Sulfur	34-1	10588.23	10257.04	10018.68	10287.98	2.78	ppb
Terbium	159-1				92		%
Terbium	159-2				90		%
Thallium	203-1	487.24	488.62	489.15	488.34	0.20	ppb
Thallium	205-1	494.91	499.86	503.71	499.49	0.88	ppb
Thorium	232-1	491.30	486.73	490.78	489.61	0.51	ppb
Tin	118-1	503.12	498.82	497.84	499.93	0.56	ppb
Titanium	47-1	2520.84	2496.15	2497.80	2504.93	0.55	ppb
Uranium	238-1	487.35	490.56	492.35	490.09	0.52	ppb
Vanadium	51-2	505.87	504.29	506.48	505.55	0.22	ppb
Yttrium	89-1				87		%
Yttrium	89-2				86		%

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	PB119338BS	Instrumnet Name :	P7
Client Sample ID :	PB119338BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 18:09:22	DataFile Name :	048LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	970.58	973.71	975.93	973.41	0.28	ppb
Zirconium	90-1	503.87	498.57	499.23	500.56	0.58	ppb
Zirconium	91-1	503.22	497.81	495.41	498.81	0.80	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCV92	Instrumnet Name :	P7
Client Sample ID :	CCV92	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 18:13:33	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55774.84	53960.73	53388.51	54374.69	2.29	ppb
Antimony	121-1	477.81	480.65	474.06	477.51	0.69	ppb
Arsenic	75-2	538.44	517.02	517.20	524.22	2.35	ppb
Barium	135-1	2466.64	2470.93	2442.06	2459.88	0.63	ppb
Barium	137-1	2446.10	2504.54	2484.48	2478.37	1.20	ppb
Beryllium	9-1	504.61	504.30	505.35	504.75	0.11	ppb
Bismuth	209-1				81		%
Bismuth	209-2				77		%
Boron	10-1	503.80	502.89	507.45	504.71	0.48	ppb
Boron	11-1	504.57	503.18	511.75	506.50	0.91	ppb
Cadmium	111-1	513.70	519.24	519.49	517.47	0.63	ppb
Cadmium	106-1	518.31	526.08	514.99	519.79	1.10	ppb
Cadmium	108-1	511.18	515.76	510.10	512.35	0.59	ppb
Calcium	43-1	239930.53	241839.47	242596.93	241455.64	0.57	ppb
Calcium	44-1	242225.54	245812.21	243691.39	243909.71	0.74	ppb
Chromium	52-2	522.44	504.16	505.83	510.81	1.98	ppb
Cobalt	59-2	516.52	506.81	498.72	507.35	1.76	ppb
Copper	63-2	1055.21	1027.59	1022.06	1034.95	1.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				87		%
Indium	115-1				81		%
Indium	115-2				79		%
Iron	56-2	137147.64	133596.59	132525.83	134423.35	1.80	ppb
Iron	57-2	135561.39	132774.58	130916.57	133084.18	1.76	ppb
Krypton	83-1						cps
Lead	206-1	511.64	515.19	511.09	512.64	0.43	ppb
Lead	207-1	509.78	510.88	508.80	509.82	0.20	ppb
Lead	208-1	512.78	515.01	512.37	513.39	0.28	ppb
Lithium	6-1				83		%
Magnesium	24-2	268655.34	260403.16	258426.98	262495.16	2.07	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCV92	Instrumnet Name :	P7
Client Sample ID :	CCV92	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 18:13:33	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1041.91	1016.62	1000.73	1019.75	2.04	ppb
Molybdenum	94-1	2538.19	2528.97	2538.92	2535.36	0.22	ppb
Molybdenum	95-1	2551.70	2553.46	2535.56	2546.91	0.39	ppb
Molybdenum	96-1	2536.23	2530.68	2531.86	2532.92	0.12	ppb
Molybdenum	97-1	2518.21	2503.48	2480.69	2500.79	0.76	ppb
Molybdenum	98-1	2547.10	2523.20	2513.78	2528.03	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.00	495.66	489.47	497.71	1.90	ppb
Phosphorus	31-2	9865.07	9577.41	9853.68	9765.38	1.67	ppb
Potassium	39-2	132228.06	128452.46	127227.83	129302.78	2.02	ppb
Rhodium	103-1				75		%
Rhodium	103-2				75		%
Scandium	45-1				81		%
Scandium	45-2				82		%
Selenium	77-2	545.65	548.81	516.87	537.11	3.28	ppb
Selenium	78-2	553.83	523.09	539.15	538.69	2.85	ppb
Selenium	82-1	524.37	526.73	523.36	524.82	0.33	ppb
Silicon	28-1	438.84	447.61	449.91	445.45	1.31	ppb
Silver	109-1	501.07	506.41	505.14	504.20	0.55	ppb
Silver	107-1	502.09	505.84	503.83	503.92	0.37	ppb
Sodium	23-2	261432.39	254133.33	250371.87	255312.53	2.20	ppb
Strontium	86-1	501.66	501.23	501.00	501.30	0.07	ppb
Strontium	88-1	504.32	503.97	502.04	503.45	0.24	ppb
Sulfur	34-1	10115.27	10309.71	10150.75	10191.91	1.02	ppb
Terbium	159-1				89		%
Terbium	159-2				86		%
Thallium	203-1	508.30	507.64	506.64	507.53	0.16	ppb
Thallium	205-1	519.37	523.99	518.19	520.51	0.59	ppb
Thorium	232-1	533.38	528.80	527.16	529.78	0.61	ppb
Tin	118-1	484.95	490.73	485.42	487.03	0.66	ppb
Titanium	47-1	2513.78	2517.36	2530.59	2520.57	0.35	ppb
Uranium	238-1	534.02	527.57	529.83	530.47	0.62	ppb
Vanadium	51-2	525.94	508.81	507.06	513.93	2.03	ppb
Yttrium	89-1				83		%
Yttrium	89-2				82		%

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCV92	Instrumnet Name :	P7
Client Sample ID :	CCV92	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 18:13:33	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1110.98	1078.67	1067.85	1085.83	2.07	ppb
Zirconium	90-1	507.27	510.79	504.74	507.60	0.60	ppb
Zirconium	91-1	507.40	506.98	507.79	507.39	0.08	ppb

LB Number : LB102841 Operator : Jaswal
 Lab Sample ID : CCB92 Instrumnet Name : P7
 Client Sample ID : CCB92 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-17 18:20:27 DataFile Name : 050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.09	0.31	0.75	0.72	54.28	ppb
Antimony	121-1	0.24	0.23	0.24	0.23	1.14	ppb
Arsenic	75-2	0.01	0.07	0.05	0.04	67.51	ppb
Barium	135-1	0.07	0.08	0.10	0.08	20.36	ppb
Barium	137-1	0.06	0.07	0.06	0.06	9.68	ppb
Beryllium	9-1	0.05	0.07	0.05	0.06	21.89	ppb
Bismuth	209-1				95		%
Bismuth	209-2				92		%
Boron	10-1	8.62	8.08	7.10	7.93	9.77	ppb
Boron	11-1	8.84	8.54	8.04	8.48	4.74	ppb
Cadmium	111-1	0.06	0.09	0.03	0.06	47.45	ppb
Cadmium	106-1	0.59	0.84	0.09	0.51	75.20	ppb
Cadmium	108-1	-0.01	0.02	-0.01	0.00	549.98	ppb
Calcium	43-1	7.75	3.60	4.73	5.36	40.06	ppb
Calcium	44-1	3.94	3.65	2.74	3.44	18.15	ppb
Chromium	52-2	0.00	0.03	0.00	0.01	201.76	ppb
Cobalt	59-2	0.02	0.00	0.00	0.01	160.28	ppb
Copper	63-2	0.05	0.03	0.00	0.03	80.14	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				95		%
Holmium	165-2				94		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	56-2	3.06	2.69	2.63	2.79	8.28	ppb
Iron	57-2	1.93	2.96	1.50	2.13	35.25	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.04	0.03	0.03	32.38	ppb
Lead	207-1	0.03	0.02	0.04	0.03	17.68	ppb
Lead	208-1	0.02	0.02	0.03	0.02	14.69	ppb
Lithium	6-1				93		%
Magnesium	24-2	5.75	5.21	5.03	5.33	7.06	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCB92	Instrumnet Name :	P7
Client Sample ID :	CCB92	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 18:20:27	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.02	0.00	0.01	93.82	ppb
Molybdenum	94-1	0.23	0.29	0.17	0.23	25.83	ppb
Molybdenum	95-1	0.36	0.30	0.27	0.31	14.73	ppb
Molybdenum	96-1	0.33	0.24	0.27	0.28	15.06	ppb
Molybdenum	97-1	0.32	0.25	0.22	0.26	19.68	ppb
Molybdenum	98-1	0.25	0.27	0.27	0.27	3.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.02	0.02	0.02	26.91	ppb
Phosphorus	31-2	-20.78	-25.23	-27.46	-24.49		ppb
Potassium	39-2	-0.35	1.98	4.63	2.09	119.46	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				91		%
Scandium	45-2				92		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.40	0.23	0.45	0.09	471.52	ppb
Selenium	82-1	-0.21	-0.35	-0.07	-0.21		ppb
Silicon	28-1	-0.12	-0.09	-0.46	-0.22		ppb
Silver	109-1	0.02	0.02	0.02	0.02	18.10	ppb
Silver	107-1	0.02	0.03	0.02	0.02	18.94	ppb
Sodium	23-2	19.62	19.84	19.62	19.69	0.63	ppb
Strontium	86-1	0.00	0.06	0.00	0.02	162.29	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	5.04	ppb
Sulfur	34-1	-375.41	-401.06	-305.03	-360.50		ppb
Terbium	159-1				95		%
Terbium	159-2				94		%
Thallium	203-1	0.04	0.05	0.05	0.05	14.14	ppb
Thallium	205-1	0.05	0.04	0.04	0.05	6.12	ppb
Thorium	232-1	0.07	0.06	0.06	0.06	8.55	ppb
Tin	118-1	0.05	0.05	0.04	0.04	18.50	ppb
Titanium	47-1	0.06	0.01	0.07	0.04	64.23	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	21.46	ppb
Vanadium	51-2	0.01	0.02	0.01	0.01	26.77	ppb
Yttrium	89-1				93		%
Yttrium	89-2				93		%

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCB92	Instrumnet Name :	P7
Client Sample ID :	CCB92	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 18:20:27	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.10	-0.12	-0.04	-0.09		ppb
Zirconium	90-1	0.03	0.03	0.02	0.02	29.62	ppb
Zirconium	91-1	0.07	0.05	0.02	0.05	56.40	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	PB119339BL	Instrumnet Name :	P7
Client Sample ID :	PB119339BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 18:24:04	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.10	0.20	0.32	0.21	54.55	ppb
Antimony	121-1	0.05	0.08	0.08	0.07	26.34	ppb
Arsenic	75-2	0.01	0.00	-0.02	0.00		ppb
Barium	135-1	0.00	0.01	0.02	0.01	65.57	ppb
Barium	137-1	0.01	0.00	-0.01	0.00	229.25	ppb
Beryllium	9-1	0.03	0.04	0.04	0.04	5.17	ppb
Bismuth	209-1				93		%
Bismuth	209-2				91		%
Boron	10-1	5.70	4.91	5.14	5.25	7.80	ppb
Boron	11-1	4.90	5.06	4.49	4.82	6.05	ppb
Cadmium	111-1	-0.02	0.01	0.06	0.01	257.45	ppb
Cadmium	106-1	-0.36	0.03	0.56	0.08	595.82	ppb
Cadmium	108-1	0.02	-0.03	-0.01	-0.01		ppb
Calcium	43-1	3.32	1.37	0.25	1.65	94.69	ppb
Calcium	44-1	-1.63	-2.66	-1.88	-2.06		ppb
Chromium	52-2	-0.01	0.02	0.01	0.00	349.91	ppb
Cobalt	59-2	0.00	-0.01	-0.01	0.00		ppb
Copper	63-2	0.01	0.05	-0.01	0.02	194.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				93		%
Indium	115-1				93		%
Indium	115-2				93		%
Iron	56-2	0.07	0.13	0.18	0.13	41.96	ppb
Iron	57-2	1.02	0.06	1.44	0.84	84.05	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.01	0.01	37.22	ppb
Lead	207-1	0.02	0.01	0.02	0.02	41.68	ppb
Lead	208-1	0.01	0.01	0.01	0.01	19.07	ppb
Lithium	6-1				93		%
Magnesium	24-2	0.59	0.78	1.33	0.90	42.38	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	PB119339BL	Instrumnet Name :	P7
Client Sample ID :	PB119339BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 18:24:04	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	-0.01	0.00	0.00	3033.97	ppb
Molybdenum	94-1	0.06	0.08	0.08	0.07	17.70	ppb
Molybdenum	95-1	0.09	0.07	0.11	0.09	24.77	ppb
Molybdenum	96-1	0.09	0.07	0.09	0.08	10.50	ppb
Molybdenum	97-1	0.11	0.07	0.08	0.09	21.22	ppb
Molybdenum	98-1	0.11	0.12	0.13	0.12	10.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	0.02	0.01	17.00	ppb
Phosphorus	31-2	-25.09	-29.61	-25.02	-26.57		ppb
Potassium	39-2	3.44	0.64	2.74	2.27	64.17	ppb
Rhodium	103-1				92		%
Rhodium	103-2				93		%
Scandium	45-1				90		%
Scandium	45-2				92		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.50	0.49	-0.33	0.22	220.46	ppb
Selenium	82-1	0.33	0.24	-0.19	0.13	222.70	ppb
Silicon	28-1	0.34	-0.47	-0.16	-0.10		ppb
Silver	109-1	0.01	0.00	0.00	0.00	160.80	ppb
Silver	107-1	0.01	0.00	0.01	0.00	100.41	ppb
Sodium	23-2	9.50	9.90	9.99	9.80	2.63	ppb
Strontium	86-1	0.01	0.03	0.02	0.02	58.04	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-117.00	-212.54	-122.36	-150.63		ppb
Terbium	159-1				94		%
Terbium	159-2				93		%
Thallium	203-1	0.03	0.02	0.02	0.02	22.58	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	19.41	ppb
Thorium	232-1	0.05	0.04	0.04	0.04	12.19	ppb
Tin	118-1	0.02	0.00	0.03	0.02	73.45	ppb
Titanium	47-1	0.05	0.00	-0.02	0.01	364.35	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	110.03	ppb
Yttrium	89-1				92		%
Yttrium	89-2				92		%

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	PB119339BL	Instrumnet Name :	P7
Client Sample ID :	PB119339BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 18:24:04	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.15	0.00	-0.04	-0.06		ppb
Zirconium	90-1	0.01	0.01	0.02	0.02	30.07	ppb
Zirconium	91-1	0.04	0.00	0.01	0.02	100.51	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	PB119339BS	Instrumnet Name :	P7
Client Sample ID :	PB119339BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 18:27:41	DataFile Name :	052LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9675.18	9594.71	9562.75	9610.88	0.60	ppb
Antimony	121-1	496.71	490.41	493.32	493.48	0.64	ppb
Arsenic	75-2	506.79	507.57	507.60	507.32	0.09	ppb
Barium	135-1	2462.80	2442.71	2472.71	2459.41	0.62	ppb
Barium	137-1	2497.74	2505.22	2528.34	2510.43	0.64	ppb
Beryllium	9-1	506.22	507.97	504.56	506.25	0.34	ppb
Bismuth	209-1				89		%
Bismuth	209-2				86		%
Boron	10-1	483.34	491.53	499.79	491.55	1.67	ppb
Boron	11-1	483.75	489.80	497.24	490.26	1.38	ppb
Cadmium	111-1	488.96	482.47	490.79	487.41	0.90	ppb
Cadmium	106-1	495.89	494.54	487.04	492.49	0.97	ppb
Cadmium	108-1	485.78	485.62	494.64	488.68	1.06	ppb
Calcium	43-1	48738.93	49082.20	48964.66	48928.60	0.36	ppb
Calcium	44-1	49807.94	49815.39	49723.81	49782.38	0.10	ppb
Chromium	52-2	508.33	507.28	506.60	507.40	0.17	ppb
Cobalt	59-2	513.05	513.42	508.56	511.68	0.53	ppb
Copper	63-2	941.21	940.88	939.83	940.64	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				93		%
Holmium	165-2				91		%
Indium	115-1				87		%
Indium	115-2				85		%
Iron	56-2	26638.00	26645.55	26617.93	26633.83	0.05	ppb
Iron	57-2	26153.75	25950.21	26107.09	26070.35	0.41	ppb
Krypton	83-1						cps
Lead	206-1	490.44	490.18	490.51	490.37	0.03	ppb
Lead	207-1	487.66	481.90	489.67	486.41	0.83	ppb
Lead	208-1	490.67	489.06	494.05	491.26	0.52	ppb
Lithium	6-1				87		%
Magnesium	24-2	53782.71	53261.10	53208.97	53417.60	0.59	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	PB119339BS	Instrumnet Name :	P7
Client Sample ID :	PB119339BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 18:27:41	DataFile Name :	052LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1022.05	1019.85	1021.86	1021.25	0.12	ppb
Molybdenum	94-1	2478.87	2511.59	2471.65	2487.37	0.86	ppb
Molybdenum	95-1	2480.00	2511.35	2486.83	2492.73	0.66	ppb
Molybdenum	96-1	2492.30	2493.20	2494.12	2493.21	0.04	ppb
Molybdenum	97-1	2435.91	2436.87	2443.83	2438.87	0.18	ppb
Molybdenum	98-1	2490.26	2491.99	2496.74	2492.99	0.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	515.25	513.23	511.83	513.44	0.33	ppb
Phosphorus	31-2	10544.38	10089.01	9885.86	10173.08	3.31	ppb
Potassium	39-2	24461.43	24404.37	24408.45	24424.75	0.13	ppb
Rhodium	103-1				83		%
Rhodium	103-2				83		%
Scandium	45-1				83		%
Scandium	45-2				84		%
Selenium	77-2	515.34	513.06	544.99	524.46	3.40	ppb
Selenium	78-2	517.75	510.31	530.94	519.67	2.01	ppb
Selenium	82-1	508.38	509.29	510.06	509.25	0.16	ppb
Silicon	28-1	413.96	415.73	417.92	415.87	0.48	ppb
Silver	109-1	476.84	474.34	481.87	477.68	0.80	ppb
Silver	107-1	475.23	472.07	477.44	474.91	0.57	ppb
Sodium	23-2	50560.62	50768.34	50463.70	50597.56	0.31	ppb
Strontium	86-1	489.54	493.80	490.13	491.16	0.47	ppb
Strontium	88-1	498.81	499.06	499.87	499.25	0.11	ppb
Sulfur	34-1	9877.83	9801.39	9984.63	9887.95	0.93	ppb
Terbium	159-1				92		%
Terbium	159-2				90		%
Thallium	203-1	482.64	480.85	486.23	483.24	0.57	ppb
Thallium	205-1	498.41	494.60	499.39	497.46	0.51	ppb
Thorium	232-1	487.11	490.57	484.40	487.36	0.63	ppb
Tin	118-1	498.62	492.62	493.26	494.83	0.67	ppb
Titanium	47-1	2509.24	2485.44	2492.41	2495.70	0.49	ppb
Uranium	238-1	485.14	490.22	491.25	488.87	0.67	ppb
Vanadium	51-2	502.40	503.54	502.76	502.90	0.12	ppb
Yttrium	89-1				87		%
Yttrium	89-2				86		%

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	PB119339BS	Instrumnet Name :	P7
Client Sample ID :	PB119339BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 18:27:41	DataFile Name :	052LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	968.92	965.45	976.37	970.25	0.58	ppb
Zirconium	90-1	497.03	495.62	501.32	497.99	0.60	ppb
Zirconium	91-1	493.39	492.91	492.14	492.81	0.13	ppb

LB Number : LB102841 Operator : Jaswal
 Lab Sample ID : PB119340BL Instrumnet Name : P7
 Client Sample ID : PB119340BL Dilution Factor : 1
 Date & Time Acquired :: 2019-05-17 18:36:10 DataFile Name : 053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.10	0.15	0.10	0.05	266.76	ppb
Antimony	121-1	0.19	0.17	0.17	0.17	6.30	ppb
Arsenic	75-2	0.05	0.02	0.00	0.02	96.60	ppb
Barium	135-1	0.03	0.04	0.03	0.03	14.70	ppb
Barium	137-1	0.02	0.02	0.02	0.02	7.14	ppb
Beryllium	9-1	0.03	0.07	0.04	0.05	40.69	ppb
Bismuth	209-1				94		%
Bismuth	209-2				83		%
Boron	10-1	5.80	6.91	6.47	6.39	8.80	ppb
Boron	11-1	6.22	6.00	5.81	6.01	3.44	ppb
Cadmium	111-1	0.02	-0.06	-0.12	-0.05		ppb
Cadmium	106-1	0.19	-0.97	-1.68	-0.82		ppb
Cadmium	108-1	-0.03	-0.06	-0.01	-0.03		ppb
Calcium	43-1	1.88	2.31	-0.85	1.11	154.32	ppb
Calcium	44-1	-1.78	-1.33	-1.60	-1.57		ppb
Chromium	52-2	0.02	-0.05	0.00	-0.01		ppb
Cobalt	59-2	0.00	0.02	0.01	0.01	84.89	ppb
Copper	63-2	0.00	0.06	0.01	0.02	144.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				84		%
Indium	115-1				92		%
Indium	115-2				84		%
Iron	56-2	0.29	0.48	0.27	0.35	33.65	ppb
Iron	57-2	0.47	0.34	0.69	0.50	35.43	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.00	0.02	0.01	96.93	ppb
Lead	207-1	0.02	0.03	0.02	0.02	26.66	ppb
Lead	208-1	0.01	0.01	0.01	0.01	11.47	ppb
Lithium	6-1				91		%
Magnesium	24-2	1.16	1.45	0.46	1.02	49.60	ppb

LB Number : LB102841 Operator : Jaswal
 Lab Sample ID : PB119340BL Instrumnet Name : P7
 Client Sample ID : PB119340BL Dilution Factor : 1
 Date & Time Acquired :: 2019-05-17 18:36:10 DataFile Name : 053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.01	0.02	0.02	50.51	ppb
Molybdenum	94-1	0.14	0.16	0.09	0.13	25.90	ppb
Molybdenum	95-1	0.21	0.16	0.15	0.17	18.05	ppb
Molybdenum	96-1	0.22	0.18	0.15	0.18	19.27	ppb
Molybdenum	97-1	0.15	0.16	0.15	0.15	1.39	ppb
Molybdenum	98-1	0.17	0.17	0.14	0.16	7.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.01	0.03	0.03	65.68	ppb
Phosphorus	31-2	-27.13	-30.27	-26.98	-28.12		ppb
Potassium	39-2	13.20	14.43	-1.28	8.78	99.49	ppb
Rhodium	103-1				91		%
Rhodium	103-2				83		%
Scandium	45-1				87		%
Scandium	45-2				81		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.15	0.58	0.61	0.35	123.87	ppb
Selenium	82-1	-0.42	-0.35	-0.29	-0.36		ppb
Silicon	28-1	-0.39	-0.31	-0.03	-0.24		ppb
Silver	109-1	0.01	0.01	0.00	0.01	36.83	ppb
Silver	107-1	0.01	0.00	0.01	0.01	52.71	ppb
Sodium	23-2	8.69	8.56	5.88	7.71	20.59	ppb
Strontium	86-1	0.06	0.00	0.02	0.03	125.99	ppb
Strontium	88-1	0.01	0.01	0.00	0.00	10.12	ppb
Sulfur	34-1	-266.67	-275.90	-289.78	-277.45		ppb
Terbium	159-1				94		%
Terbium	159-2				84		%
Thallium	203-1	0.03	0.03	0.02	0.03	32.54	ppb
Thallium	205-1	0.02	0.03	0.03	0.02	19.94	ppb
Thorium	232-1	0.04	0.04	0.04	0.04	4.00	ppb
Tin	118-1	0.04	0.02	0.07	0.04	56.20	ppb
Titanium	47-1	0.10	0.04	0.02	0.05	80.49	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	12.76	ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	44.21	ppb
Yttrium	89-1				91		%
Yttrium	89-2				83		%

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	PB119340BL	Instrumnet Name :	P7
Client Sample ID :	PB119340BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 18:36:10	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.03	0.00	-0.11	-0.05		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	14.06	ppb
Zirconium	91-1	0.01	-0.01	0.00	0.00	660.05	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	PB119340BS	Instrumnet Name :	P7
Client Sample ID :	PB119340BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 18:45:04	DataFile Name :	055LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9879.03	9733.34	9618.52	9743.63	1.34	ppb
Antimony	121-1	485.86	494.46	484.90	488.40	1.08	ppb
Arsenic	75-2	513.95	506.38	504.61	508.31	0.98	ppb
Barium	135-1	2443.99	2469.28	2417.57	2443.61	1.06	ppb
Barium	137-1	2496.51	2512.97	2474.39	2494.62	0.78	ppb
Beryllium	9-1	504.84	505.94	506.12	505.63	0.14	ppb
Bismuth	209-1				88		%
Bismuth	209-2				84		%
Boron	10-1	479.02	499.22	509.06	495.77	3.09	ppb
Boron	11-1	486.23	492.46	501.43	493.37	1.55	ppb
Cadmium	111-1	479.01	487.54	481.25	482.60	0.92	ppb
Cadmium	106-1	481.04	492.58	482.52	485.38	1.29	ppb
Cadmium	108-1	480.14	478.99	487.42	482.18	0.95	ppb
Calcium	43-1	49323.38	48978.48	49267.05	49189.64	0.38	ppb
Calcium	44-1	50047.26	50301.67	50231.16	50193.36	0.26	ppb
Chromium	52-2	514.22	509.64	507.93	510.60	0.64	ppb
Cobalt	59-2	520.85	517.22	515.18	517.75	0.55	ppb
Copper	63-2	951.31	944.60	940.35	945.42	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				93		%
Holmium	165-2				90		%
Indium	115-1				86		%
Indium	115-2				85		%
Iron	56-2	27062.42	26739.05	26855.41	26885.63	0.61	ppb
Iron	57-2	26543.34	26085.37	26122.64	26250.45	0.97	ppb
Krypton	83-1						cps
Lead	206-1	489.86	489.39	486.63	488.63	0.36	ppb
Lead	207-1	482.74	482.05	478.14	480.98	0.52	ppb
Lead	208-1	489.48	490.03	488.48	489.33	0.16	ppb
Lithium	6-1				87		%
Magnesium	24-2	53824.98	53475.65	53673.91	53658.18	0.33	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	PB119340BS	Instrumnet Name :	P7
Client Sample ID :	PB119340BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 18:45:04	DataFile Name :	055LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1040.34	1031.00	1028.70	1033.35	0.60	ppb
Molybdenum	94-1	2483.09	2496.72	2480.35	2486.72	0.35	ppb
Molybdenum	95-1	2487.90	2517.42	2512.95	2506.09	0.63	ppb
Molybdenum	96-1	2486.34	2498.29	2507.32	2497.32	0.42	ppb
Molybdenum	97-1	2451.07	2447.39	2438.37	2445.61	0.27	ppb
Molybdenum	98-1	2489.06	2500.51	2511.93	2500.50	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	522.50	514.59	519.35	518.81	0.77	ppb
Phosphorus	31-2	10054.66	10134.42	9966.37	10051.82	0.84	ppb
Potassium	39-2	24893.57	24575.55	24482.28	24650.46	0.87	ppb
Rhodium	103-1				82		%
Rhodium	103-2				83		%
Scandium	45-1				82		%
Scandium	45-2				83		%
Selenium	77-2	517.54	518.46	508.31	514.77	1.09	ppb
Selenium	78-2	521.91	511.85	515.87	516.54	0.98	ppb
Selenium	82-1	504.14	510.57	509.45	508.05	0.68	ppb
Silicon	28-1	415.68	417.61	424.19	419.16	1.06	ppb
Silver	109-1	470.92	473.07	468.02	470.67	0.54	ppb
Silver	107-1	473.71	474.92	470.41	473.01	0.49	ppb
Sodium	23-2	51555.52	51205.06	51387.33	51382.64	0.34	ppb
Strontium	86-1	493.89	494.28	493.80	493.99	0.05	ppb
Strontium	88-1	497.77	502.62	501.69	500.69	0.51	ppb
Sulfur	34-1	9952.72	9747.22	9740.22	9813.38	1.23	ppb
Terbium	159-1				92		%
Terbium	159-2				89		%
Thallium	203-1	485.52	483.01	486.93	485.15	0.41	ppb
Thallium	205-1	493.77	495.75	493.33	494.29	0.26	ppb
Thorium	232-1	492.60	488.10	482.37	487.69	1.05	ppb
Tin	118-1	487.32	494.51	486.39	489.41	0.91	ppb
Titanium	47-1	2510.87	2509.74	2492.79	2504.47	0.40	ppb
Uranium	238-1	488.18	488.24	480.28	485.57	0.94	ppb
Vanadium	51-2	511.08	508.50	505.17	508.25	0.58	ppb
Yttrium	89-1				87		%
Yttrium	89-2				85		%

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	PB119340BS	Instrumnet Name :	P7
Client Sample ID :	PB119340BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 18:45:04	DataFile Name :	055LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	986.92	970.28	966.82	974.67	1.10	ppb
Zirconium	90-1	498.20	498.33	493.66	496.73	0.54	ppb
Zirconium	91-1	491.61	493.89	492.73	492.74	0.23	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCV93	Instrumnet Name :	P7
Client Sample ID :	CCV93	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 18:48:42	DataFile Name :	056CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54480.99	53785.94	54152.77	54139.90	0.64	ppb
Antimony	121-1	475.45	474.97	476.19	475.54	0.13	ppb
Arsenic	75-2	501.21	500.75	503.42	501.79	0.28	ppb
Barium	135-1	2427.54	2445.03	2440.07	2437.55	0.37	ppb
Barium	137-1	2488.31	2486.57	2511.52	2495.47	0.56	ppb
Beryllium	9-1	502.40	500.97	502.24	501.87	0.16	ppb
Bismuth	209-1				81		%
Bismuth	209-2				78		%
Boron	10-1	508.40	516.99	520.70	515.36	1.22	ppb
Boron	11-1	506.87	509.17	511.68	509.24	0.47	ppb
Cadmium	111-1	491.10	492.48	493.59	492.39	0.25	ppb
Cadmium	106-1	494.28	492.77	504.51	497.19	1.28	ppb
Cadmium	108-1	483.88	492.39	488.69	488.32	0.87	ppb
Calcium	43-1	245787.75	243112.64	244809.21	244569.87	0.55	ppb
Calcium	44-1	246920.33	244530.95	247024.24	246158.51	0.57	ppb
Chromium	52-2	504.33	502.12	506.70	504.38	0.45	ppb
Cobalt	59-2	504.84	500.21	498.12	501.05	0.69	ppb
Copper	63-2	980.36	973.33	985.28	979.66	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				90		%
Holmium	165-2				88		%
Indium	115-1				81		%
Indium	115-2				80		%
Iron	56-2	134157.43	133460.52	133997.95	133871.97	0.27	ppb
Iron	57-2	132803.07	131147.33	131489.28	131813.23	0.66	ppb
Krypton	83-1						cps
Lead	206-1	508.13	518.77	511.46	512.79	1.06	ppb
Lead	207-1	504.06	506.80	505.73	505.53	0.27	ppb
Lead	208-1	508.56	514.86	512.19	511.87	0.62	ppb
Lithium	6-1				84		%
Magnesium	24-2	262829.01	260327.23	260901.23	261352.49	0.50	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCV93	Instrumnet Name :	P7
Client Sample ID :	CCV93	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 18:48:42	DataFile Name :	056CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1013.54	1008.28	1014.65	1012.16	0.34	ppb
Molybdenum	94-1	2523.19	2559.33	2515.41	2532.64	0.93	ppb
Molybdenum	95-1	2540.86	2545.28	2544.31	2543.48	0.09	ppb
Molybdenum	96-1	2527.42	2528.48	2515.13	2523.68	0.29	ppb
Molybdenum	97-1	2483.95	2507.88	2479.40	2490.41	0.61	ppb
Molybdenum	98-1	2533.87	2527.47	2515.64	2525.66	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	493.34	490.20	491.41	491.65	0.32	ppb
Phosphorus	31-2	10155.49	9937.78	9833.47	9975.58	1.65	ppb
Potassium	39-2	129188.88	128640.42	128562.95	128797.41	0.26	ppb
Rhodium	103-1				75		%
Rhodium	103-2				76		%
Scandium	45-1				79		%
Scandium	45-2				82		%
Selenium	77-2	488.65	509.68	469.74	489.36	4.08	ppb
Selenium	78-2	502.60	508.83	505.04	505.49	0.62	ppb
Selenium	82-1	500.29	506.30	501.68	502.76	0.63	ppb
Silicon	28-1	456.25	460.71	461.87	459.61	0.65	ppb
Silver	109-1	478.52	479.34	481.80	479.89	0.36	ppb
Silver	107-1	479.29	483.11	482.34	481.58	0.42	ppb
Sodium	23-2	255867.27	256761.09	254366.83	255665.06	0.47	ppb
Strontium	86-1	497.04	499.13	495.88	497.35	0.33	ppb
Strontium	88-1	504.41	507.96	504.65	505.67	0.39	ppb
Sulfur	34-1	10150.90	10060.57	10101.80	10104.42	0.45	ppb
Terbium	159-1				89		%
Terbium	159-2				87		%
Thallium	203-1	508.00	510.62	505.59	508.07	0.50	ppb
Thallium	205-1	519.01	522.78	524.11	521.97	0.51	ppb
Thorium	232-1	527.51	533.29	529.84	530.21	0.55	ppb
Tin	118-1	480.82	482.39	486.47	483.23	0.60	ppb
Titanium	47-1	2547.02	2534.97	2530.32	2537.43	0.34	ppb
Uranium	238-1	526.53	533.02	532.03	530.53	0.66	ppb
Vanadium	51-2	510.89	508.72	506.39	508.67	0.44	ppb
Yttrium	89-1				83		%
Yttrium	89-2				83		%

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCV93	Instrumnet Name :	P7
Client Sample ID :	CCV93	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 18:48:42	DataFile Name :	056CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1026.24	1024.13	1023.29	1024.55	0.15	ppb
Zirconium	90-1	507.58	514.04	509.11	510.24	0.66	ppb
Zirconium	91-1	503.08	505.62	498.98	502.56	0.67	ppb

LB Number : LB102841 Operator : Jaswal
 Lab Sample ID : CCB93 Instrumnet Name : P7
 Client Sample ID : CCB93 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-17 18:56:04 DataFile Name : 057CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.87	0.76	0.75	0.79	8.16	ppb
Antimony	121-1	0.22	0.22	0.27	0.24	13.50	ppb
Arsenic	75-2	0.00	0.02	0.04	0.02	77.84	ppb
Barium	135-1	0.02	0.05	0.04	0.04	32.22	ppb
Barium	137-1	0.04	0.05	0.03	0.04	28.74	ppb
Beryllium	9-1	0.07	0.10	0.06	0.07	29.25	ppb
Bismuth	209-1				93		%
Bismuth	209-2				91		%
Boron	10-1	9.43	10.84	9.52	9.93	7.94	ppb
Boron	11-1	10.47	10.19	9.66	10.11	4.07	ppb
Cadmium	111-1	0.00	-0.07	-0.09	-0.05		ppb
Cadmium	106-1	-0.28	-1.24	-1.39	-0.97		ppb
Cadmium	108-1	-0.01	0.02	-0.03	-0.01		ppb
Calcium	43-1	2.16	3.73	2.18	2.69	33.58	ppb
Calcium	44-1	2.54	1.58	1.45	1.86	32.10	ppb
Chromium	52-2	-0.03	-0.05	0.02	-0.02		ppb
Cobalt	59-2	-0.01	0.01	0.00	0.00		ppb
Copper	63-2	0.04	0.04	0.02	0.03	37.05	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				94		%
Holmium	165-2				94		%
Indium	115-1				93		%
Indium	115-2				93		%
Iron	56-2	1.49	1.46	1.52	1.49	2.07	ppb
Iron	57-2	0.09	2.08	0.34	0.84	130.00	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.05	0.04	0.04	24.60	ppb
Lead	207-1	0.06	0.03	0.04	0.04	31.24	ppb
Lead	208-1	0.04	0.04	0.04	0.04	5.90	ppb
Lithium	6-1				93		%
Magnesium	24-2	3.70	3.65	2.65	3.33	17.83	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCB93	Instrumnet Name :	P7
Client Sample ID :	CCB93	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 18:56:04	DataFile Name :	057CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	0.01	0.01	118.73	ppb
Molybdenum	94-1	0.21	0.19	0.16	0.18	14.11	ppb
Molybdenum	95-1	0.25	0.30	0.19	0.24	23.34	ppb
Molybdenum	96-1	0.32	0.27	0.22	0.27	18.03	ppb
Molybdenum	97-1	0.31	0.22	0.30	0.28	17.18	ppb
Molybdenum	98-1	0.30	0.26	0.23	0.26	13.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	0.00	0.01	45.61	ppb
Phosphorus	31-2	-25.12	-16.31	-23.00	-21.48		ppb
Potassium	39-2	2.37	1.92	4.32	2.87	44.49	ppb
Rhodium	103-1				92		%
Rhodium	103-2				93		%
Scandium	45-1				89		%
Scandium	45-2				92		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.01	0.58	0.30	0.29	101.90	ppb
Selenium	82-1	-0.67	-0.13	-0.16	-0.32		ppb
Silicon	28-1	0.18	0.01	0.28	0.16	84.57	ppb
Silver	109-1	0.02	0.01	0.03	0.02	35.49	ppb
Silver	107-1	0.02	0.02	0.03	0.02	34.20	ppb
Sodium	23-2	29.05	28.40	26.40	27.95	4.93	ppb
Strontium	86-1	0.01	0.02	0.01	0.01	50.95	ppb
Strontium	88-1	0.01	0.01	0.00	0.01	15.54	ppb
Sulfur	34-1	-332.79	-214.93	-220.70	-256.14		ppb
Terbium	159-1				94		%
Terbium	159-2				93		%
Thallium	203-1	0.03	0.05	0.05	0.04	20.68	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	3.31	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	4.66	ppb
Tin	118-1	0.06	0.07	0.07	0.07	6.52	ppb
Titanium	47-1	0.05	0.03	0.05	0.04	23.19	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	34.04	ppb
Vanadium	51-2	0.01	0.02	0.01	0.01	22.92	ppb
Yttrium	89-1				92		%
Yttrium	89-2				93		%

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCB93	Instrumnet Name :	P7
Client Sample ID :	CCB93	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 18:56:04	DataFile Name :	057CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.02	0.01	-0.01	-0.01		ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	29.52	ppb
Zirconium	91-1	0.01	0.00	0.00	0.00	125.71	ppb

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 13:18:33	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	8	25	19	49.50	cps
Antimony	121-1	158	125	100	128	22.90	cps
Arsenic	75-2	6	6	4	5	21.74	cps
Barium	135-1	0	17	8	8	100.02	cps
Barium	137-1	33	25	25	28	17.31	cps
Beryllium	9-1	47	57	60	54	12.74	cps
Bismuth	209-1	7411963	7490912	7448183	7450353	0.53	cps
Bismuth	209-2	4759392	4735036	4797348	4763925	0.66	cps
Boron	10-1	467	492	442	467	5.36	cps
Boron	11-1	1959	1984	2217	2053	6.94	cps
Cadmium	111-1	1948	2160	2023	2044	5.25	cps
Cadmium	106-1	2784	3084	2867	2912	5.32	cps
Cadmium	108-1	13	4	13	10	49.46	cps
Calcium	43-1	100	75	58	78	26.96	cps
Calcium	44-1	4926	5476	4793	5065	7.15	cps
Chromium	52-2	503	493	517	504	2.32	cps
Cobalt	59-2	43	63	43	50	23.10	cps
Copper	63-2	333	330	430	364	15.58	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	10	7	0	6	91.64	cps
Erbium	164-1	42	33	33	36	13.33	cps
Erbium	164-2	10	23	17	17	39.99	cps
Gadolinium	160-1	50	25	17	31	56.77	cps
Gadolinium	160-2	143	163	117	141	16.59	cps
Holmium	165-1	10512497	10469845	10508999	10497114	0.23	cps
Holmium	165-2	5998775	5937485	6034025	5990095	0.82	cps
Indium	115-1	7329566	7345566	7339209	7338114	0.11	cps
Indium	115-2	1636948	1625399	1636486	1632944	0.40	cps
Iron	56-2	2973	2745	2745	2821	4.66	cps
Iron	57-2	111	111	111	111	0.00	cps
Krypton	83-1	230	277	307	271	14.25	cps
Lead	206-1	300	328	289	306	6.56	cps
Lead	207-1	267	217	228	237	11.08	cps
Lead	208-1	1256	1195	1233	1228	2.52	cps
Lithium	6-1	2395926	2393758	2381779	2390488	0.32	cps
Magnesium	24-2	117	92	108	106	12.06	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 13:18:33	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	40	13	37	30	48.44	cps
Molybdenum	94-1	258	317	200	258	22.58	cps
Molybdenum	95-1	100	67	42	69	42.14	cps
Molybdenum	96-1	58	117	158	111	45.21	cps
Molybdenum	97-1	33	50	58	47	26.97	cps
Molybdenum	98-1	92	83	108	94	13.48	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	27	20	33	27	24.99	cps
Phosphorus	31-2	50	92	58	67	33.07	cps
Potassium	39-2	12464	12539	12848	12617	1.61	cps
Rhodium	103-1	6592697	6680724	6580001	6617807	0.83	cps
Rhodium	103-2	3314058	3301508	3336589	3317385	0.54	cps
Scandium	45-1	4655245	4659835	4659294	4658125	0.05	cps
Scandium	45-2	212901	211711	211348	211987	0.38	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	43	50	28	40	28.20	cps
Selenium	82-1	202	111	80	131	48.54	cps
Silicon	28-1	111389	113394	112824	112535	0.92	cps
Silver	109-1	42	42	58	47	20.38	cps
Silver	107-1	92	108	108	103	9.36	cps
Sodium	23-2	3434	3134	3426	3331	5.13	cps
Strontium	86-1	500	383	425	436	13.56	cps
Strontium	88-1	125	58	92	92	36.36	cps
Sulfur	34-1	267298	263550	265621	265489	0.71	cps
Terbium	159-1	10806082	10825832	10719011	10783642	0.53	cps
Terbium	159-2	5867322	5853388	5910809	5877173	0.51	cps
Thallium	203-1	83	158	167	136	33.72	cps
Thallium	205-1	342	392	292	342	14.63	cps
Thorium	232-1	267	156	178	200	29.40	cps
Tin	118-1	383	458	475	439	11.13	cps
Titanium	47-1	83	75	108	89	19.52	cps
Uranium	238-1	83	117	58	86	33.98	cps
Vanadium	51-2	0	3	3	2	86.60	cps
Yttrium	89-1	7537752	7586024	7518456	7547410	0.46	cps
Yttrium	89-2	1188479	1191040	1198892	1192803	0.45	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 13:18:33	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	163	163	160	162	1.19	cps
Zirconium	90-1	650	550	483	561	14.95	cps
Zirconium	91-1	133	100	158	131	22.41	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 13:26:46	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1433	1283	1558	1425	9.66	cps
Antimony	121-1	12156	12456	12131	12247	1.48	cps
Arsenic	75-2	220	220	228	223	1.92	cps
Barium	135-1	17253	17862	17637	17584	1.75	cps
Barium	137-1	30618	30668	30944	30743	0.57	cps
Beryllium	9-1	1677	1723	1587	1662	4.18	cps
Bismuth	209-1	7255680	7261588	7246508	7254592	0.10	cps
Bismuth	209-2	4726921	4700713	4664876	4697503	0.66	cps
Boron	10-1	6477	6593	6660	6577	1.41	cps
Boron	11-1	28878	29338	29212	29143	0.81	cps
Cadmium	111-1	3929	4219	3796	3981	5.43	cps
Cadmium	106-1	3100	3617	3067	3262	9.46	cps
Cadmium	108-1	125	150	108	128	16.41	cps
Calcium	43-1	10512	10746	10487	10582	1.35	cps
Calcium	44-1	174493	176280	175666	175480	0.52	cps
Chromium	52-2	4324	4421	4427	4391	1.32	cps
Cobalt	59-2	3247	3067	3077	3130	3.23	cps
Copper	63-2	4404	4687	4804	4632	4.44	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	33	42	58	44	28.65	cps
Erbium	164-2	23	30	27	27	12.51	cps
Gadolinium	160-1	33	58	33	42	34.65	cps
Gadolinium	160-2	137	127	100	121	15.65	cps
Holmium	165-1	10300086	10319545	10316846	10312159	0.10	cps
Holmium	165-2	5894287	5881246	5909843	5895125	0.24	cps
Indium	115-1	7180409	7274142	7213424	7222658	0.66	cps
Indium	115-2	1628649	1632809	1629272	1630243	0.14	cps
Iron	56-2	92367	94156	91846	92790	1.31	cps
Iron	57-2	2389	2456	2322	2389	2.79	cps
Krypton	83-1	313	327	330	323	2.73	cps
Lead	206-1	6774	7080	7019	6958	2.32	cps
Lead	207-1	5724	5885	5724	5777	1.61	cps
Lead	208-1	26633	27440	26973	27015	1.50	cps
Lithium	6-1	2397951	2418788	2406425	2407722	0.44	cps
Magnesium	24-2	82544	82511	82385	82480	0.10	cps

LB Number : LB102841 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1450	1457	1530	1479	3.00	cps
Molybdenum	94-1	13398	13757	13290	13482	1.81	cps
Molybdenum	95-1	16660	17487	16610	16919	2.91	cps
Molybdenum	96-1	18162	18604	19055	18607	2.40	cps
Molybdenum	97-1	10379	9979	10079	10146	2.05	cps
Molybdenum	98-1	26851	26684	26659	26732	0.39	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	893	877	1003	924	7.44	cps
Phosphorus	31-2	242	258	308	269	12.88	cps
Potassium	39-2	88664	89612	87541	88606	1.17	cps
Rhodium	103-1	6527371	6557617	6522763	6535917	0.29	cps
Rhodium	103-2	3308023	3310430	3311911	3310121	0.06	cps
Scandium	45-1	4636429	4645891	4623775	4635365	0.24	cps
Scandium	45-2	212636	211815	213326	212592	0.36	cps
Selenium	77-2	23	30	33	29	17.63	cps
Selenium	78-2	152	156	187	165	11.73	cps
Selenium	82-1	820	833	733	795	6.82	cps
Silicon	28-1	154818	152940	153967	153909	0.61	cps
Silver	109-1	8178	8278	8745	8400	3.60	cps
Silver	107-1	9087	9103	8786	8992	1.98	cps
Sodium	23-2	157098	150286	153425	153603	2.22	cps
Strontium	86-1	2909	2609	2667	2728	5.83	cps
Strontium	88-1	18488	19456	19197	19047	2.63	cps
Sulfur	34-1	274016	275471	271159	273549	0.80	cps
Terbium	159-1	10584972	10647659	10586830	10606487	0.34	cps
Terbium	159-2	5804625	5830395	5767328	5800783	0.55	cps
Thallium	203-1	7919	7711	7886	7839	1.43	cps
Thallium	205-1	18263	19114	18288	18555	2.61	cps
Thorium	232-1	27273	27401	27385	27353	0.25	cps
Tin	118-1	31069	30442	29891	30467	1.93	cps
Titanium	47-1	4576	4718	4843	4712	2.83	cps
Uranium	238-1	27705	28006	28223	27978	0.93	cps
Vanadium	51-2	8346	8282	8366	8331	0.52	cps
Yttrium	89-1	7457423	7509734	7517200	7494786	0.43	cps
Yttrium	89-2	1194287	1198281	1192726	1195098	0.24	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 13:26:46	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1120	1260	1093	1158	7.73	cps
Zirconium	90-1	11438	11680	10638	11252	4.85	cps
Zirconium	91-1	2600	2592	2675	2623	1.75	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 13:30:43	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	77703	78012	78288	78001	0.38	cps
Antimony	121-1	358425	362167	362899	361164	0.66	cps
Arsenic	75-2	12407	12194	12340	12314	0.89	cps
Barium	135-1	486605	478985	481775	482455	0.80	cps
Barium	137-1	841651	851962	843805	845806	0.64	cps
Beryllium	9-1	90833	92375	91265	91491	0.87	cps
Bismuth	209-1	7197989	7189749	7211900	7199880	0.16	cps
Bismuth	209-2	4691974	4692630	4662605	4682403	0.37	cps
Boron	10-1	14708	14391	14466	14521	1.14	cps
Boron	11-1	63292	63903	63836	63677	0.53	cps
Cadmium	111-1	105628	105870	106064	105854	0.21	cps
Cadmium	106-1	14316	15117	14533	14655	2.83	cps
Cadmium	108-1	8236	8315	7915	8155	2.60	cps
Calcium	43-1	116322	119195	117530	117682	1.23	cps
Calcium	44-1	1935164	1946896	1929036	1937032	0.47	cps
Chromium	52-2	110050	109694	110108	109951	0.20	cps
Cobalt	59-2	174436	174076	172832	173781	0.48	cps
Copper	63-2	239460	236413	240179	238684	0.84	cps
Dysprosium	156-1	25	0	8	11	114.58	cps
Dysprosium	156-2	13	20	13	16	24.76	cps
Erbium	164-1	42	8	25	25	66.68	cps
Erbium	164-2	13	30	17	20	44.10	cps
Gadolinium	160-1	67	33	75	58	37.80	cps
Gadolinium	160-2	160	113	113	129	20.90	cps
Holmium	165-1	10230550	10392270	10326775	10316532	0.79	cps
Holmium	165-2	5933434	5844083	5827616	5868378	0.97	cps
Indium	115-1	7138195	7110592	7152494	7133760	0.30	cps
Indium	115-2	1610189	1604478	1587900	1600856	0.72	cps
Iron	56-2	4735481	4729186	4722232	4728966	0.14	cps
Iron	57-2	119466	120290	118541	119432	0.73	cps
Krypton	83-1	280	307	293	293	4.55	cps
Lead	206-1	363384	362983	363281	363216	0.06	cps
Lead	207-1	323505	326551	325492	325183	0.48	cps
Lead	208-1	1461062	1461891	1466352	1463102	0.19	cps
Lithium	6-1	2385670	2391441	2391893	2389668	0.15	cps
Magnesium	24-2	914505	899334	898949	904262	0.98	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 13:30:43	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	141200	138117	139581	139633	1.10	cps
Molybdenum	94-1	735461	727610	734267	732446	0.58	cps
Molybdenum	95-1	885834	886368	886061	886088	0.03	cps
Molybdenum	96-1	992031	987477	989726	989745	0.23	cps
Molybdenum	97-1	552363	555002	557806	555057	0.49	cps
Molybdenum	98-1	1439167	1430661	1437587	1435805	0.32	cps
Neodymium	150-1	33	73	53	53	37.51	cps
Neodymium	150-2	10	10	3	8	49.52	cps
Nickel	60-2	44849	44370	44554	44591	0.54	cps
Phosphorus	31-2	4042	4267	4034	4115	3.22	cps
Potassium	39-2	437534	437760	433758	436351	0.52	cps
Rhodium	103-1	6464816	6406466	6431905	6434395	0.45	cps
Rhodium	103-2	3244859	3251635	3241325	3245940	0.16	cps
Scandium	45-1	4572511	4615490	4623683	4603895	0.60	cps
Scandium	45-2	208570	208645	206969	208061	0.46	cps
Selenium	77-2	360	440	440	413	11.17	cps
Selenium	78-2	1276	1317	1380	1324	3.95	cps
Selenium	82-1	8051	7882	7982	7972	1.06	cps
Silicon	28-1	398459	408113	410930	405834	1.61	cps
Silver	109-1	451346	452074	450756	451392	0.15	cps
Silver	107-1	468048	473017	466103	469056	0.76	cps
Sodium	23-2	1697790	1690206	1679107	1689034	0.56	cps
Strontium	86-1	121444	122058	119998	121166	0.87	cps
Strontium	88-1	1062919	1057423	1056048	1058797	0.34	cps
Sulfur	34-1	301546	298465	297161	299057	0.75	cps
Terbium	159-1	10563599	10589893	10692478	10615323	0.64	cps
Terbium	159-2	5821037	5706283	5859692	5795671	1.38	cps
Thallium	203-1	446837	441278	448369	445495	0.84	cps
Thallium	205-1	1066174	1068052	1073074	1069100	0.33	cps
Thorium	232-1	1632615	1630521	1622871	1628669	0.31	cps
Tin	118-1	309986	310589	314882	311819	0.86	cps
Titanium	47-1	252915	254510	250020	252482	0.90	cps
Uranium	238-1	1597625	1621217	1610572	1609805	0.73	cps
Vanadium	51-2	89936	88973	87974	88961	1.10	cps
Yttrium	89-1	7399244	7374212	7417914	7397123	0.30	cps
Yttrium	89-2	1177910	1171130	1162230	1170423	0.67	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 13:30:43	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	39925	40536	40557	40339	0.89	cps
Zirconium	90-1	627695	619392	622281	623123	0.68	cps
Zirconium	91-1	136266	138573	140837	138559	1.65	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 13:34:39	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	191174	193903	192676	192584	0.71	cps
Antimony	121-1	914844	910529	908714	911363	0.35	cps
Arsenic	75-2	30452	30063	29844	30119	1.02	cps
Barium	135-1	1230761	1220794	1217917	1223158	0.55	cps
Barium	137-1	2133229	2139840	2101585	2124885	0.96	cps
Beryllium	9-1	225073	226728	224059	225287	0.60	cps
Bismuth	209-1	7239683	7238028	7243799	7240504	0.04	cps
Bismuth	209-2	4830337	4320885	4594500	4581907	5.56	cps
Boron	10-1	34657	35426	35960	35348	1.85	cps
Boron	11-1	157457	154625	158465	156849	1.27	cps
Cadmium	111-1	263239	261174	257393	260602	1.14	cps
Cadmium	106-1	30509	31812	30734	31018	2.24	cps
Cadmium	108-1	20244	19535	20044	19941	1.83	cps
Calcium	43-1	293564	291090	289098	291251	0.77	cps
Calcium	44-1	4761760	4805861	4712328	4759983	0.98	cps
Chromium	52-2	264678	268764	268978	267473	0.91	cps
Cobalt	59-2	419749	421891	421095	420912	0.26	cps
Copper	63-2	576985	580548	578851	578795	0.31	cps
Dysprosium	156-1	67	33	25	42	52.92	cps
Dysprosium	156-2	37	27	23	29	24.03	cps
Erbium	164-1	25	42	83	50	60.09	cps
Erbium	164-2	37	30	30	32	11.95	cps
Gadolinium	160-1	42	42	50	44	10.82	cps
Gadolinium	160-2	187	157	147	163	12.74	cps
Holmium	165-1	10442068	10378906	10344353	10388443	0.48	cps
Holmium	165-2	6130585	5505517	5747869	5794657	5.44	cps
Indium	115-1	7096925	7093847	7040197	7076990	0.45	cps
Indium	115-2	1655091	1445523	1543703	1548105	6.77	cps
Iron	56-2	11501765	11474835	11564805	11513802	0.40	cps
Iron	57-2	286626	289440	289691	288585	0.59	cps
Krypton	83-1	273	290	307	290	5.75	cps
Lead	206-1	923618	929196	917060	923291	0.66	cps
Lead	207-1	826512	826924	819459	824298	0.51	cps
Lead	208-1	3721228	3729766	3695551	3715515	0.48	cps
Lithium	6-1	2367552	2381406	2372978	2373979	0.29	cps
Magnesium	24-2	2217486	2231535	2214925	2221315	0.40	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 13:34:39	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	341160	342678	343356	342398	0.33	cps
Molybdenum	94-1	1842852	1832236	1824525	1833204	0.50	cps
Molybdenum	95-1	2241063	2220520	2202427	2221336	0.87	cps
Molybdenum	96-1	2490657	2495745	2476713	2487705	0.40	cps
Molybdenum	97-1	1409682	1398529	1376786	1394999	1.20	cps
Molybdenum	98-1	3613145	3598585	3573169	3594966	0.56	cps
Neodymium	150-1	127	93	67	96	31.46	cps
Neodymium	150-2	20	23	10	18	39.03	cps
Nickel	60-2	107521	108282	109129	108311	0.74	cps
Phosphorus	31-2	9770	10179	10579	10176	3.97	cps
Potassium	39-2	1054098	1059390	1042077	1051855	0.84	cps
Rhodium	103-1	6354446	6299547	6290271	6314755	0.55	cps
Rhodium	103-2	3343152	2923455	3140668	3135758	6.69	cps
Scandium	45-1	4537889	4547521	4475439	4520283	0.87	cps
Scandium	45-2	216406	190870	200730	202669	6.35	cps
Selenium	77-2	813	917	830	853	6.50	cps
Selenium	78-2	3069	3239	3232	3180	3.03	cps
Selenium	82-1	19273	19228	19366	19289	0.36	cps
Silicon	28-1	845984	865346	866723	859351	1.35	cps
Silver	109-1	1132804	1127541	1115331	1125225	0.80	cps
Silver	107-1	1169137	1166706	1156837	1164227	0.56	cps
Sodium	23-2	4172365	4155826	4164489	4164227	0.20	cps
Strontium	86-1	301117	301437	296663	299739	0.89	cps
Strontium	88-1	2650757	2665737	2634279	2650258	0.59	cps
Sulfur	34-1	344083	345824	342974	344293	0.42	cps
Terbium	159-1	10698512	10712277	10637042	10682610	0.37	cps
Terbium	159-2	6029913	5377904	5769712	5725843	5.73	cps
Thallium	203-1	1138721	1123167	1129202	1130363	0.69	cps
Thallium	205-1	2738380	2717225	2710866	2722157	0.53	cps
Thorium	232-1	4226440	4196875	4195309	4206208	0.42	cps
Tin	118-1	790965	784270	785066	786767	0.46	cps
Titanium	47-1	628815	623776	617177	623256	0.94	cps
Uranium	238-1	4187063	4183681	4165556	4178767	0.28	cps
Vanadium	51-2	217898	219085	218189	218391	0.28	cps
Yttrium	89-1	7401252	7342263	7342930	7362148	0.46	cps
Yttrium	89-2	1203630	1060979	1134530	1133047	6.30	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 13:34:39	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	97634	99291	98641	98522	0.85	cps
Zirconium	90-1	1553412	1563667	1543077	1553385	0.66	cps
Zirconium	91-1	346761	348459	344268	346496	0.61	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 13:38:31	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	377843	376376	372727	375649	0.70	cps
Antimony	121-1	1794107	1775686	1758963	1776252	0.99	cps
Arsenic	75-2	58251	58519	59194	58655	0.83	cps
Barium	135-1	2405623	2387732	2358657	2384004	0.99	cps
Barium	137-1	4183002	4165314	4121349	4156555	0.76	cps
Beryllium	9-1	434977	431846	431032	432618	0.48	cps
Bismuth	209-1	7161713	7130814	7148964	7147164	0.22	cps
Bismuth	209-2	4549476	4571466	4561635	4560859	0.24	cps
Boron	10-1	68523	69595	70263	69460	1.26	cps
Boron	11-1	302649	299390	307945	303328	1.42	cps
Cadmium	111-1	499608	502047	502536	501397	0.31	cps
Cadmium	106-1	58238	57777	57651	57889	0.53	cps
Cadmium	108-1	39514	38711	38607	38944	1.27	cps
Calcium	43-1	560458	561912	558751	560374	0.28	cps
Calcium	44-1	9160392	9116534	9078602	9118509	0.45	cps
Chromium	52-2	522128	517840	520199	520056	0.41	cps
Cobalt	59-2	825244	822493	824332	824023	0.17	cps
Copper	63-2	1112828	1116409	1117586	1115608	0.22	cps
Dysprosium	156-1	42	25	58	42	40.00	cps
Dysprosium	156-2	47	83	50	60	33.80	cps
Erbium	164-1	42	42	8	31	62.99	cps
Erbium	164-2	33	30	17	27	33.06	cps
Gadolinium	160-1	50	33	50	44	21.66	cps
Gadolinium	160-2	147	137	140	141	3.61	cps
Holmium	165-1	10276754	10366383	10236724	10293287	0.65	cps
Holmium	165-2	5836482	5822961	5838353	5832599	0.14	cps
Indium	115-1	6897680	6909872	6891384	6899645	0.14	cps
Indium	115-2	1536947	1544626	1554899	1545491	0.58	cps
Iron	56-2	22533720	22324589	22313400	22390569	0.55	cps
Iron	57-2	572431	560880	564957	566089	1.03	cps
Krypton	83-1	220	263	307	263	16.45	cps
Lead	206-1	1837769	1837869	1826397	1834012	0.36	cps
Lead	207-1	1627774	1630201	1630786	1629587	0.10	cps
Lead	208-1	7411150	7368773	7333616	7371180	0.53	cps
Lithium	6-1	2307549	2307837	2294330	2303238	0.34	cps
Magnesium	24-2	4339839	4308455	4333765	4327353	0.38	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 13:38:31	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	668133	664455	667872	666820	0.31	cps
Molybdenum	94-1	3573291	3565224	3555950	3564822	0.24	cps
Molybdenum	95-1	4327353	4317133	4306950	4317145	0.24	cps
Molybdenum	96-1	4872796	4828736	4781940	4827824	0.94	cps
Molybdenum	97-1	2733299	2698927	2673682	2701970	1.11	cps
Molybdenum	98-1	7028046	6926700	6906697	6953814	0.94	cps
Neodymium	150-1	213	180	273	222	21.28	cps
Neodymium	150-2	47	17	27	30	50.91	cps
Nickel	60-2	210290	210703	210586	210526	0.10	cps
Phosphorus	31-2	20365	19964	20056	20128	1.04	cps
Potassium	39-2	2066620	2050278	2046293	2054397	0.52	cps
Rhodium	103-1	6133091	6133199	6098328	6121539	0.33	cps
Rhodium	103-2	3070769	3091500	3100500	3087590	0.49	cps
Scandium	45-1	4331696	4349475	4330521	4337231	0.24	cps
Scandium	45-2	201369	201623	200866	201286	0.19	cps
Selenium	77-2	1843	1833	1770	1816	2.19	cps
Selenium	78-2	6087	6053	6027	6056	0.49	cps
Selenium	82-1	37649	37723	37309	37560	0.59	cps
Silicon	28-1	1571062	1611661	1630680	1604467	1.90	cps
Silver	109-1	2169967	2171301	2163678	2168316	0.19	cps
Silver	107-1	2248696	2249084	2250593	2249457	0.04	cps
Sodium	23-2	8149098	8148862	8133626	8143862	0.11	cps
Strontium	86-1	589370	585238	579791	584800	0.82	cps
Strontium	88-1	5118216	5115326	5116648	5116730	0.03	cps
Sulfur	34-1	433437	431013	430204	431551	0.39	cps
Terbium	159-1	10644627	10554053	10516241	10571640	0.62	cps
Terbium	159-2	5671980	5697379	5804732	5724697	1.23	cps
Thallium	203-1	2261731	2234596	2225042	2240456	0.85	cps
Thallium	205-1	5438460	5417157	5366213	5407277	0.69	cps
Thorium	232-1	8420040	8375717	8294432	8363396	0.76	cps
Tin	118-1	1545555	1525666	1517291	1529504	0.95	cps
Titanium	47-1	1192618	1192147	1194495	1193086	0.10	cps
Uranium	238-1	8292883	8234301	8229285	8252156	0.43	cps
Vanadium	51-2	424813	423101	422848	423587	0.25	cps
Yttrium	89-1	7136461	7127855	7132145	7132154	0.06	cps
Yttrium	89-2	1123514	1135453	1138756	1132574	0.71	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 13:38:31	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	189340	189090	188754	189061	0.16	cps
Zirconium	90-1	3024933	3010093	2992426	3009151	0.54	cps
Zirconium	91-1	673276	679619	670392	674429	0.70	cps

LB Number : LB102841 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-17 13:42:21 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	726858	730245	728561	728555	0.23	cps
Antimony	121-1	3487160	3524419	3505921	3505833	0.53	cps
Arsenic	75-2	114354	115106	114688	114716	0.33	cps
Barium	135-1	4678937	4712265	4752868	4714690	0.79	cps
Barium	137-1	8224003	8317711	8288265	8276660	0.58	cps
Beryllium	9-1	837569	844034	841211	840938	0.39	cps
Bismuth	209-1	6944031	6971322	6979454	6964935	0.27	cps
Bismuth	209-2	4437354	4470610	4482975	4463646	0.53	cps
Boron	10-1	133324	136597	136369	135430	1.35	cps
Boron	11-1	576971	588304	599286	588187	1.90	cps
Cadmium	111-1	1023917	1026167	1022450	1024178	0.18	cps
Cadmium	106-1	114359	114645	115938	114981	0.73	cps
Cadmium	108-1	78173	78625	78189	78329	0.33	cps
Calcium	43-1	1109953	1099121	1115031	1108035	0.73	cps
Calcium	44-1	18057073	17983169	18155285	18065176	0.48	cps
Chromium	52-2	1012337	1013422	1013309	1013023	0.06	cps
Cobalt	59-2	1592623	1590808	1591879	1591770	0.06	cps
Copper	63-2	2335912	2344747	2344858	2341839	0.22	cps
Dysprosium	156-1	125	58	200	128	55.46	cps
Dysprosium	156-2	143	120	127	130	9.25	cps
Erbium	164-1	42	33	50	42	20.00	cps
Erbium	164-2	27	23	43	31	34.44	cps
Gadolinium	160-1	133	175	117	142	21.21	cps
Gadolinium	160-2	130	170	150	150	13.33	cps
Holmium	165-1	10104050	10171975	10148311	10141446	0.34	cps
Holmium	165-2	5744653	5834197	5865679	5814843	1.08	cps
Indium	115-1	6651413	6692834	6705831	6683359	0.43	cps
Indium	115-2	1488671	1487017	1492653	1489447	0.19	cps
Iron	56-2	43565526	43796769	43424736	43595677	0.43	cps
Iron	57-2	1097980	1097865	1092397	1096081	0.29	cps
Krypton	83-1	327	223	210	253	25.21	cps
Lead	206-1	3582033	3593056	3578807	3584632	0.21	cps
Lead	207-1	3195026	3205830	3210446	3203767	0.25	cps
Lead	208-1	14437639	14524605	14443848	14468697	0.34	cps
Lithium	6-1	2233567	2249818	2255515	2246300	0.51	cps
Magnesium	24-2	8409820	8486834	8524737	8473797	0.69	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 13:42:21	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1309400	1302816	1298124	1303447	0.43	cps
Molybdenum	94-1	6997491	7049371	7018180	7021681	0.37	cps
Molybdenum	95-1	8516428	8540307	8506818	8521184	0.20	cps
Molybdenum	96-1	9492575	9474078	9455030	9473894	0.20	cps
Molybdenum	97-1	5303886	5331369	5332324	5322526	0.30	cps
Molybdenum	98-1	13738392	13827594	13817829	13794605	0.35	cps
Neodymium	150-1	527	547	453	509	9.66	cps
Neodymium	150-2	90	77	47	71	31.21	cps
Nickel	60-2	401585	405373	405037	403998	0.52	cps
Phosphorus	31-2	39361	39403	39570	39445	0.28	cps
Potassium	39-2	3966804	4040908	4020256	4009323	0.95	cps
Rhodium	103-1	5854710	5916704	5921390	5897601	0.63	cps
Rhodium	103-2	2981204	2990056	3003942	2991734	0.38	cps
Scandium	45-1	4184883	4223652	4280599	4229711	1.14	cps
Scandium	45-2	194164	196958	197538	196220	0.92	cps
Selenium	77-2	3324	3537	3554	3472	3.70	cps
Selenium	78-2	11740	12114	11940	11932	1.57	cps
Selenium	82-1	71744	72351	71973	72023	0.43	cps
Silicon	28-1	3043510	3108430	3120488	3090809	1.34	cps
Silver	109-1	4411363	4436466	4446560	4431463	0.41	cps
Silver	107-1	4587698	4575738	4564598	4576011	0.25	cps
Sodium	23-2	15946882	15980753	16026290	15984642	0.25	cps
Strontium	86-1	1148088	1164970	1152681	1155246	0.76	cps
Strontium	88-1	10059991	10056367	10198569	10104976	0.80	cps
Sulfur	34-1	622531	626907	627672	625703	0.44	cps
Terbium	159-1	10416970	10446099	10461630	10441566	0.22	cps
Terbium	159-2	5687137	5733369	5690142	5703549	0.45	cps
Thallium	203-1	4427206	4431256	4415006	4424489	0.19	cps
Thallium	205-1	10610526	10671022	10658642	10646730	0.30	cps
Thorium	232-1	16753353	16823776	16748818	16775316	0.25	cps
Tin	118-1	2985328	3010936	3009497	3001920	0.48	cps
Titanium	47-1	2341211	2355168	2361798	2352726	0.45	cps
Uranium	238-1	16505260	16553207	16453721	16504063	0.30	cps
Vanadium	51-2	827446	834193	830290	830643	0.41	cps
Yttrium	89-1	6970925	6994000	7040417	7001781	0.51	cps
Yttrium	89-2	1109214	1105304	1103999	1106172	0.25	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 13:42:21	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	400135	405223	399933	401764	0.75	cps
Zirconium	90-1	5960948	5975243	6044869	5993687	0.75	cps
Zirconium	91-1	1309568	1326252	1317294	1317705	0.63	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 13:46:09	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1391456	1388403	1400287	1393382	0.44	cps
Antimony	121-1	6909912	6906033	6865949	6893965	0.35	cps
Arsenic	75-2	213748	215299	216401	215150	0.62	cps
Barium	135-1	9311761	9287641	9294843	9298082	0.13	cps
Barium	137-1	16169415	16280406	16139722	16196514	0.46	cps
Beryllium	9-1	1592391	1589850	1583722	1588654	0.28	cps
Bismuth	209-1	6844531	6950542	6886182	6893751	0.77	cps
Bismuth	209-2	4291956	4305827	4343288	4313691	0.62	cps
Boron	10-1	261718	256851	261254	259941	1.03	cps
Boron	11-1	1139357	1150957	1150983	1147099	0.58	cps
Cadmium	111-1	1916558	1924332	1927071	1922653	0.28	cps
Cadmium	106-1	218890	216574	213305	216256	1.30	cps
Cadmium	108-1	148409	148287	146872	147856	0.58	cps
Calcium	43-1	2130482	2152306	2119545	2134111	0.78	cps
Calcium	44-1	34689791	34928065	34526824	34714893	0.58	cps
Chromium	52-2	1911322	1919670	1932155	1921049	0.55	cps
Cobalt	59-2	2976229	2985166	3004410	2988602	0.48	cps
Copper	63-2	4403622	4401766	4426518	4410635	0.31	cps
Dysprosium	156-1	83	175	133	131	35.15	cps
Dysprosium	156-2	160	167	180	169	6.03	cps
Erbium	164-1	67	50	67	61	15.75	cps
Erbium	164-2	20	17	30	22	31.22	cps
Gadolinium	160-1	58	50	50	53	9.12	cps
Gadolinium	160-2	143	140	130	138	5.04	cps
Holmium	165-1	10216138	10322793	10226435	10255122	0.57	cps
Holmium	165-2	5696013	5786033	5801980	5761342	0.99	cps
Indium	115-1	6521692	6505522	6496897	6508037	0.19	cps
Indium	115-2	1409419	1419467	1437314	1422067	0.99	cps
Iron	56-2	82462285	82225891	83096921	82595032	0.55	cps
Iron	57-2	2068247	2069817	2082976	2073680	0.39	cps
Krypton	83-1	300	290	230	273	13.85	cps
Lead	206-1	7039425	7047412	7015337	7034058	0.24	cps
Lead	207-1	6273548	6342667	6244508	6286907	0.80	cps
Lead	208-1	28277250	28612683	28404652	28431528	0.60	cps
Lithium	6-1	2191007	2203312	2186697	2193672	0.39	cps
Magnesium	24-2	16181473	16136833	16215309	16177872	0.24	cps

LB Number : LB102841 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-17 13:46:09 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2468262	2452519	2481297	2467359	0.58	cps
Molybdenum	94-1	13717347	13707576	13715799	13713574	0.04	cps
Molybdenum	95-1	16530756	16605446	16612718	16582973	0.27	cps
Molybdenum	96-1	18564933	18520228	18604834	18563332	0.23	cps
Molybdenum	97-1	10351977	10373672	10348160	10357936	0.13	cps
Molybdenum	98-1	26920270	26813056	26773409	26835578	0.28	cps
Neodymium	150-1	813	707	780	767	7.12	cps
Neodymium	150-2	90	80	70	80	12.50	cps
Nickel	60-2	745070	752222	755115	750802	0.69	cps
Phosphorus	31-2	74771	73172	73975	73973	1.08	cps
Potassium	39-2	7555211	7515672	7624842	7565242	0.73	cps
Rhodium	103-1	5662321	5724681	5629296	5672099	0.85	cps
Rhodium	103-2	2827854	2845805	2874158	2849272	0.82	cps
Scandium	45-1	4153152	4159993	4133243	4148796	0.33	cps
Scandium	45-2	188992	188914	192753	190220	1.15	cps
Selenium	77-2	6385	6415	6565	6455	1.49	cps
Selenium	78-2	22024	22228	22328	22194	0.70	cps
Selenium	82-1	136284	135460	135642	135796	0.32	cps
Silicon	28-1	5700962	5727006	5721301	5716423	0.24	cps
Silver	109-1	8386884	8471719	8388716	8415773	0.58	cps
Silver	107-1	8721758	8686072	8694779	8700870	0.21	cps
Sodium	23-2	30562866	30432645	31006040	30667184	0.98	cps
Strontium	86-1	2232632	2243121	2220005	2231919	0.52	cps
Strontium	88-1	19682609	19745434	19523049	19650364	0.58	cps
Sulfur	34-1	993194	984274	984187	987218	0.52	cps
Terbium	159-1	10432359	10510871	10408011	10450414	0.51	cps
Terbium	159-2	5581942	5577080	5646391	5601804	0.69	cps
Thallium	203-1	8796733	8862451	8831580	8830255	0.37	cps
Thallium	205-1	20932373	20953757	20801067	20895732	0.40	cps
Thorium	232-1	33288781	33631284	33578583	33499549	0.55	cps
Tin	118-1	5866640	5916993	5873673	5885769	0.46	cps
Titanium	47-1	4598109	4577594	4524056	4566586	0.84	cps
Uranium	238-1	32905004	33184192	33093241	33060813	0.43	cps
Vanadium	51-2	1576729	1586741	1591712	1585061	0.48	cps
Yttrium	89-1	6918354	6914210	6865864	6899476	0.42	cps
Yttrium	89-2	1064314	1074883	1079038	1072745	0.71	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 13:46:09	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	725053	726221	729118	726797	0.29	cps
Zirconium	90-1	11741171	11716874	11654972	11704339	0.38	cps
Zirconium	91-1	2559858	2571277	2566961	2566032	0.22	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 13:49:55	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7324329	7383800	7402057	7370062	0.55	cps
Antimony	121-1	9437	9737	9203	9459	2.83	cps
Arsenic	75-2	300	315	280	298	5.93	cps
Barium	135-1	1375	1283	1267	1308	4.46	cps
Barium	137-1	2392	2517	2042	2317	10.63	cps
Beryllium	9-1	360	340	350	350	2.86	cps
Bismuth	209-1	6027363	5969806	5991662	5996277	0.48	cps
Bismuth	209-2	3754990	3743786	3738901	3745892	0.22	cps
Boron	10-1	9779	9028	8586	9131	6.60	cps
Boron	11-1	42151	39820	37564	39845	5.76	cps
Cadmium	111-1	2099	2184	2102	2128	2.26	cps
Cadmium	106-1	2667	2759	2575	2667	3.44	cps
Cadmium	108-1	38	38	13	29	49.49	cps
Calcium	43-1	10438452	10460720	10527052	10475408	0.44	cps
Calcium	44-1	170041808	169932825	170905045	170293226	0.31	cps
Chromium	52-2	4317	4344	4264	4308	0.95	cps
Cobalt	59-2	34133	34414	34698	34415	0.82	cps
Copper	63-2	2824	2834	2937	2865	2.19	cps
Dysprosium	156-1	50	17	125	64	86.85	cps
Dysprosium	156-2	37	33	27	32	15.80	cps
Erbium	164-1	42	42	67	50	28.87	cps
Erbium	164-2	27	27	17	23	24.74	cps
Gadolinium	160-1	117	100	17	78	68.88	cps
Gadolinium	160-2	130	127	157	138	11.93	cps
Holmium	165-1	9584283	9616472	9638586	9613114	0.28	cps
Holmium	165-2	5526950	5469870	5469530	5488783	0.60	cps
Indium	115-1	6021458	6044364	6049652	6038492	0.25	cps
Indium	115-2	1359943	1364010	1364041	1362664	0.17	cps
Iron	56-2	404170098	407805498	405463531	405813042	0.45	cps
Iron	57-2	10229010	10210128	10183248	10207462	0.23	cps
Krypton	83-1	310	357	277	314	12.78	cps
Lead	206-1	5585	5501	5196	5427	3.77	cps
Lead	207-1	4968	4523	4429	4640	6.20	cps
Lead	208-1	21802	21179	20696	21226	2.61	cps
Lithium	6-1	2089295	2094918	2119655	2101289	0.77	cps
Magnesium	24-2	78462781	78558381	78092950	78371371	0.31	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 13:49:55	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5611	5651	5638	5633	0.36	cps
Molybdenum	94-1	5668	5268	4643	5193	9.95	cps
Molybdenum	95-1	6785	6894	6385	6688	4.01	cps
Molybdenum	96-1	10588	10379	9946	10304	3.18	cps
Molybdenum	97-1	4034	3676	3834	3848	4.67	cps
Molybdenum	98-1	10204	9921	9403	9843	4.12	cps
Neodymium	150-1	107	120	147	124	16.37	cps
Neodymium	150-2	57	87	50	64	30.31	cps
Nickel	60-2	6902	7025	7169	7032	1.90	cps
Phosphorus	31-2	117	100	58	92	32.77	cps
Potassium	39-2	38976312	39039835	39346737	39120962	0.51	cps
Rhodium	103-1	4998604	5017226	5054568	5023466	0.57	cps
Rhodium	103-2	2559214	2563598	2567613	2563475	0.16	cps
Scandium	45-1	3996144	3983847	4020142	4000045	0.46	cps
Scandium	45-2	189984	188219	191166	189790	0.78	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	52	37	41	43	17.84	cps
Selenium	82-1	62	33	152	82	75.12	cps
Silicon	28-1	207812	206440	205466	206573	0.57	cps
Silver	109-1	842	942	767	850	10.33	cps
Silver	107-1	867	850	608	775	18.65	cps
Sodium	23-2	155275691	155697487	156289520	155754233	0.33	cps
Strontium	86-1	8845	12614	9437	10299	19.68	cps
Strontium	88-1	79043	79035	79613	79230	0.42	cps
Sulfur	34-1	222225	223815	225201	223747	0.67	cps
Terbium	159-1	9750471	9820332	9839499	9803434	0.48	cps
Terbium	159-2	5307872	5317582	5306028	5310494	0.12	cps
Thallium	203-1	1508	1358	1267	1378	8.85	cps
Thallium	205-1	3509	3126	3050	3228	7.62	cps
Thorium	232-1	4779	4295	4084	4386	8.12	cps
Tin	118-1	2059	1992	2075	2042	2.16	cps
Titanium	47-1	1767	1900	1742	1803	4.72	cps
Uranium	238-1	3001	2925	2209	2712	16.12	cps
Vanadium	51-2	257	210	190	219	15.63	cps
Yttrium	89-1	6475928	6493406	6522332	6497222	0.36	cps
Yttrium	89-2	1048615	1052000	1050787	1050467	0.16	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 13:49:55	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4371	4221	4371	4321	2.01	cps
Zirconium	90-1	3651	3659	3092	3467	9.37	cps
Zirconium	91-1	850	750	758	786	7.06	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:04:06	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	38484	39327	38592	38801	1.18	cps
Antimony	121-1	1404837	1410830	1390885	1402184	0.73	cps
Arsenic	75-2	45759	45762	45872	45798	0.14	cps
Barium	135-1	190676	192102	192837	191872	0.57	cps
Barium	137-1	335535	334616	327661	332604	1.29	cps
Beryllium	9-1	171046	168306	165462	168272	1.66	cps
Bismuth	209-1	7252093	7311232	7272968	7278765	0.41	cps
Bismuth	209-2	4556474	4525003	4536355	4539277	0.35	cps
Boron	10-1	136602	134772	134249	135208	0.91	cps
Boron	11-1	596648	598177	593811	596212	0.37	cps
Cadmium	111-1	213865	212518	212225	212869	0.41	cps
Cadmium	106-1	42365	41320	41788	41824	1.25	cps
Cadmium	108-1	24067	23858	22948	23624	2.52	cps
Calcium	43-1	51131	49626	49317	50025	1.94	cps
Calcium	44-1	774308	771933	759694	768645	1.02	cps
Chromium	52-2	199971	200155	200575	200234	0.15	cps
Cobalt	59-2	324624	321127	323307	323019	0.55	cps
Copper	63-2	222896	221249	221808	221984	0.38	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	0	7	10	6	91.64	cps
Erbium	164-1	58	75	83	72	17.62	cps
Erbium	164-2	43	40	43	42	4.55	cps
Gadolinium	160-1	125	83	58	89	37.89	cps
Gadolinium	160-2	150	163	147	153	5.75	cps
Holmium	165-1	10267335	10257005	10235599	10253313	0.16	cps
Holmium	165-2	5727969	5698710	5726982	5717887	0.29	cps
Indium	115-1	6931817	6864600	6830410	6875609	0.75	cps
Indium	115-2	1501181	1487432	1500856	1496490	0.52	cps
Iron	56-2	1794581	1787714	1804135	1795477	0.46	cps
Iron	57-2	45415	44975	44546	44979	0.97	cps
Krypton	83-1	347	307	277	310	11.33	cps
Lead	206-1	1514753	1511097	1498855	1508235	0.55	cps
Lead	207-1	1294904	1300986	1281758	1292550	0.76	cps
Lead	208-1	5965006	5994886	5945901	5968598	0.41	cps
Lithium	6-1	2294046	2282110	2250990	2275715	0.98	cps
Magnesium	24-2	204639	200929	204166	203245	0.99	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:04:06	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	128441	128572	129073	128696	0.26	cps
Molybdenum	94-1	6601876	6547292	6485252	6544807	0.89	cps
Molybdenum	95-1	7986161	7887759	7874386	7916102	0.77	cps
Molybdenum	96-1	8910073	8877692	8740221	8842662	1.02	cps
Molybdenum	97-1	4927908	4909926	4830352	4889395	1.06	cps
Molybdenum	98-1	12920334	12821505	12551844	12764561	1.49	cps
Neodymium	150-1	33	7	33	24	62.97	cps
Neodymium	150-2	10	7	13	10	33.30	cps
Nickel	60-2	83553	83157	83144	83285	0.28	cps
Phosphorus	31-2	125	67	67	86	39.11	cps
Potassium	39-2	331891	324143	328075	328036	1.18	cps
Rhodium	103-1	6234683	6206633	6107115	6182810	1.08	cps
Rhodium	103-2	3062442	3040107	3063820	3055457	0.44	cps
Scandium	45-1	4362513	4321527	4264809	4316283	1.14	cps
Scandium	45-2	197826	193384	194114	195108	1.22	cps
Selenium	77-2	1413	1367	1517	1432	5.36	cps
Selenium	78-2	4956	4675	4823	4818	2.92	cps
Selenium	82-1	30845	30342	30065	30417	1.30	cps
Silicon	28-1	2017312	1995189	1982647	1998383	0.88	cps
Silver	109-1	874994	867900	868025	870306	0.47	cps
Silver	107-1	916012	917663	895025	909566	1.39	cps
Sodium	23-2	635961	638085	644005	639350	0.65	cps
Strontium	86-1	1160669	1164217	1145292	1156726	0.87	cps
Strontium	88-1	10328276	10253991	10138477	10240248	0.93	cps
Sulfur	34-1	226768	219064	217246	221026	2.29	cps
Terbium	159-1	10563056	10578222	10474528	10538602	0.53	cps
Terbium	159-2	5590053	5605116	5594142	5596437	0.14	cps
Thallium	203-1	1846068	1849810	1836304	1844061	0.38	cps
Thallium	205-1	4439363	4460380	4427922	4442555	0.37	cps
Thorium	232-1	17581402	17553290	17475631	17536774	0.31	cps
Tin	118-1	2880059	2824620	2854549	2853076	0.97	cps
Titanium	47-1	2294459	2253125	2251193	2266259	1.08	cps
Uranium	238-1	15999737	16132766	16003323	16045275	0.47	cps
Vanadium	51-2	162801	162268	163404	162824	0.35	cps
Yttrium	89-1	7157391	7157265	7033557	7116071	1.00	cps
Yttrium	89-2	1094246	1083789	1095693	1091243	0.60	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:04:06	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	75166	75608	75363	75379	0.29	cps
Zirconium	90-1	5726670	5696331	5608287	5677096	1.08	cps
Zirconium	91-1	1255579	1246968	1229921	1244156	1.05	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:14:20	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1400	1508	1350	1420	5.70	cps
Antimony	121-1	13824	13657	12865	13449	3.81	cps
Arsenic	75-2	215	241	211	222	7.26	cps
Barium	135-1	18555	18254	17862	18224	1.91	cps
Barium	137-1	31411	31662	31378	31484	0.49	cps
Beryllium	9-1	1663	1693	1733	1697	2.07	cps
Bismuth	209-1	7408263	7300290	7435420	7381324	0.97	cps
Bismuth	209-2	4600070	4675021	4627274	4634122	0.82	cps
Boron	10-1	8178	8653	7952	8261	4.33	cps
Boron	11-1	35209	35785	36253	35749	1.46	cps
Cadmium	111-1	4020	3998	3804	3941	3.02	cps
Cadmium	106-1	3301	2892	3000	3064	6.90	cps
Cadmium	108-1	129	121	150	133	11.26	cps
Calcium	43-1	10229	10037	10746	10337	3.55	cps
Calcium	44-1	177200	176299	175151	176217	0.58	cps
Chromium	52-2	4467	4531	4461	4486	0.86	cps
Cobalt	59-2	3144	3450	3250	3282	4.75	cps
Copper	63-2	4704	4724	4591	4673	1.54	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	67	17	17	33	86.59	cps
Erbium	164-2	17	23	7	16	53.90	cps
Gadolinium	160-1	50	17	50	39	49.48	cps
Gadolinium	160-2	160	147	173	160	8.33	cps
Holmium	165-1	10504079	10394705	10518513	10472432	0.65	cps
Holmium	165-2	5848215	5823763	5797108	5823029	0.44	cps
Indium	115-1	7176677	7113801	7233013	7174497	0.83	cps
Indium	115-2	1562412	1586716	1572176	1573768	0.78	cps
Iron	56-2	94983	92881	94659	94174	1.20	cps
Iron	57-2	2361	2217	2278	2285	3.17	cps
Krypton	83-1	247	260	310	272	12.27	cps
Lead	206-1	7135	7419	6863	7139	3.89	cps
Lead	207-1	6524	6157	6074	6252	3.83	cps
Lead	208-1	28635	28724	27829	28396	1.74	cps
Lithium	6-1	2385007	2361686	2410787	2385827	1.03	cps
Magnesium	24-2	84664	85133	86088	85295	0.85	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:14:20	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1323	1307	1353	1328	1.78	cps
Molybdenum	94-1	14441	14249	14241	14310	0.79	cps
Molybdenum	95-1	17687	17320	18029	17678	2.01	cps
Molybdenum	96-1	19038	18846	19764	19216	2.52	cps
Molybdenum	97-1	10688	10721	10513	10640	1.05	cps
Molybdenum	98-1	28521	28688	28404	28538	0.50	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	823	840	950	871	7.90	cps
Phosphorus	31-2	275	308	283	289	6.01	cps
Potassium	39-2	89646	89720	92236	90534	1.63	cps
Rhodium	103-1	6400019	6392289	6456482	6416263	0.55	cps
Rhodium	103-2	3209104	3201814	3207343	3206087	0.12	cps
Scandium	45-1	4487936	4452311	4512677	4484308	0.68	cps
Scandium	45-2	202612	204715	205551	204293	0.74	cps
Selenium	77-2	47	37	67	50	30.55	cps
Selenium	78-2	183	189	169	180	5.84	cps
Selenium	82-1	892	910	830	877	4.83	cps
Silicon	28-1	150551	147724	147160	148478	1.22	cps
Silver	109-1	8136	8420	8745	8433	3.61	cps
Silver	107-1	9220	9078	8686	8995	3.07	cps
Sodium	23-2	156467	161746	157282	158499	1.79	cps
Strontium	86-1	2784	2592	2742	2706	3.73	cps
Strontium	88-1	19481	19531	19272	19428	0.71	cps
Sulfur	34-1	255052	256454	256939	256148	0.38	cps
Terbium	159-1	10721172	10621644	10818694	10720503	0.92	cps
Terbium	159-2	5718806	5740896	5721381	5727028	0.21	cps
Thallium	203-1	8353	8353	8536	8414	1.26	cps
Thallium	205-1	20558	19599	20558	20238	2.74	cps
Thorium	232-1	30976	30480	29116	30191	3.19	cps
Tin	118-1	31210	30701	29958	30623	2.06	cps
Titanium	47-1	4576	5209	4826	4870	6.55	cps
Uranium	238-1	29568	30470	29175	29738	2.23	cps
Vanadium	51-2	8156	8443	8596	8398	2.66	cps
Yttrium	89-1	7374802	7346733	7437949	7386494	0.63	cps
Yttrium	89-2	1143811	1151955	1137116	1144294	0.65	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:14:20	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	933	930	907	923	1.57	cps
Zirconium	90-1	12114	11680	11664	11819	2.16	cps
Zirconium	91-1	2384	2550	2742	2559	7.01	cps

LB Number : LB102841 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-17 14:17:57 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	42	22	78.07	cps
Antimony	121-1	417	342	433	397	12.29	cps
Arsenic	75-2	9	6	4	6	45.85	cps
Barium	135-1	42	17	8	22	78.07	cps
Barium	137-1	33	42	50	42	20.00	cps
Beryllium	9-1	93	90	107	97	9.13	cps
Bismuth	209-1	7203126	7346748	7218573	7256149	1.09	cps
Bismuth	209-2	4446476	4508972	4613763	4523070	1.87	cps
Boron	10-1	1992	1542	1784	1772	12.71	cps
Boron	11-1	7544	7119	7427	7363	2.98	cps
Cadmium	111-1	2149	1986	1816	1984	8.40	cps
Cadmium	106-1	3050	2825	2609	2828	7.81	cps
Cadmium	108-1	4	0	21	8	132.26	cps
Calcium	43-1	75	83	108	89	19.52	cps
Calcium	44-1	4876	4468	4718	4687	4.39	cps
Chromium	52-2	507	447	387	447	13.43	cps
Cobalt	59-2	37	27	40	34	20.14	cps
Copper	63-2	343	377	340	353	5.74	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	10	7	0	6	91.64	cps
Erbium	164-1	17	42	25	28	45.82	cps
Erbium	164-2	20	17	20	19	10.18	cps
Gadolinium	160-1	33	50	58	47	26.97	cps
Gadolinium	160-2	140	133	137	137	2.44	cps
Holmium	165-1	10252006	10321373	10193433	10255604	0.62	cps
Holmium	165-2	5614850	5681132	5796490	5697491	1.61	cps
Indium	115-1	7050923	7097981	7033424	7060776	0.47	cps
Indium	115-2	1516972	1550272	1571341	1546195	1.77	cps
Iron	56-2	2789	2511	2589	2630	5.45	cps
Iron	57-2	100	83	144	109	28.91	cps
Krypton	83-1	227	273	353	284	22.52	cps
Lead	206-1	356	394	444	398	11.19	cps
Lead	207-1	333	328	372	344	7.03	cps
Lead	208-1	1489	1533	1472	1498	2.11	cps
Lithium	6-1	2355158	2379037	2364515	2366237	0.51	cps
Magnesium	24-2	83	183	167	144	37.09	cps

LB Number : LB102841 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-17 14:17:57 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17	23	23	21	18.21	cps
Molybdenum	94-1	317	367	383	356	9.76	cps
Molybdenum	95-1	350	408	375	378	7.75	cps
Molybdenum	96-1	408	425	400	411	3.10	cps
Molybdenum	97-1	250	200	192	214	14.75	cps
Molybdenum	98-1	483	583	500	522	10.26	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	50	27	7	28	78.06	cps
Phosphorus	31-2	75	83	125	94	28.37	cps
Potassium	39-2	12205	11813	12239	12086	1.96	cps
Rhodium	103-1	6226650	6365956	6268624	6287077	1.14	cps
Rhodium	103-2	3112152	3136128	3197543	3148607	1.40	cps
Scandium	45-1	4399022	4459914	4395630	4418189	0.82	cps
Scandium	45-2	196847	197761	201849	198819	1.34	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	46	39	37	41	12.03	cps
Selenium	82-1	162	123	-8	93	96.14	cps
Silicon	28-1	111565	107753	107333	108884	2.14	cps
Silver	109-1	67	83	42	64	32.83	cps
Silver	107-1	92	158	125	125	26.67	cps
Sodium	23-2	4576	5176	4751	4834	6.38	cps
Strontium	86-1	417	408	467	431	7.33	cps
Strontium	88-1	83	58	67	69	18.33	cps
Sulfur	34-1	257763	261500	258626	259296	0.75	cps
Terbium	159-1	10460456	10581576	10484922	10508985	0.61	cps
Terbium	159-2	5482979	5572160	5710583	5588574	2.05	cps
Thallium	203-1	208	217	175	200	11.02	cps
Thallium	205-1	567	492	458	506	10.98	cps
Thorium	232-1	694	717	761	724	4.69	cps
Tin	118-1	625	508	567	567	10.29	cps
Titanium	47-1	83	125	100	103	20.40	cps
Uranium	238-1	50	42	33	42	20.00	cps
Vanadium	51-2	0	13	3	6	124.93	cps
Yttrium	89-1	7202601	7316601	7228657	7249286	0.82	cps
Yttrium	89-2	1107809	1124117	1132467	1121464	1.12	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:17:57	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	170	147	167	161	7.83	cps
Zirconium	90-1	658	758	508	642	19.61	cps
Zirconium	91-1	100	117	158	125	24.04	cps

LB Number : LB102841 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-17 14:21:34 DataFile Name : 016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6915062	6816281	6877701	6869681	0.73	cps
Antimony	121-1	8311	7702	8186	8067	3.99	cps
Arsenic	75-2	78	61	72	70	12.06	cps
Barium	135-1	2800	2850	2950	2867	2.66	cps
Barium	137-1	4934	4926	4784	4882	1.73	cps
Beryllium	9-1	470	533	533	512	7.14	cps
Bismuth	209-1	6857248	6847038	6910005	6871430	0.49	cps
Bismuth	209-2	4345498	4225846	4290483	4287276	1.40	cps
Boron	10-1	1583	1775	1717	1692	5.81	cps
Boron	11-1	6844	7452	6635	6977	6.08	cps
Cadmium	111-1	3493	3030	2728	3084	12.50	cps
Cadmium	106-1	2825	2542	2592	2653	5.70	cps
Cadmium	108-1	2134	2154	2267	2185	3.28	cps
Calcium	43-1	2189477	2195487	2198932	2194632	0.22	cps
Calcium	44-1	35524394	35583052	35902725	35670057	0.57	cps
Chromium	52-2	41147	40863	40890	40967	0.38	cps
Cobalt	59-2	4014	3854	3961	3943	2.07	cps
Copper	63-2	17077	17531	17130	17246	1.44	cps
Dysprosium	156-1	50	75	92	72	29.04	cps
Dysprosium	156-2	10	20	17	16	32.73	cps
Erbium	164-1	83	42	67	64	32.83	cps
Erbium	164-2	40	27	43	37	24.04	cps
Gadolinium	160-1	83	117	58	86	33.98	cps
Gadolinium	160-2	177	190	200	189	6.20	cps
Holmium	165-1	10324931	10394671	10540791	10420131	1.06	cps
Holmium	165-2	5949778	5798886	5900225	5882963	1.31	cps
Indium	115-1	6735840	6745476	6736480	6739265	0.08	cps
Indium	115-2	1515121	1459015	1503728	1492621	1.99	cps
Iron	56-2	176425615	174549121	175093421	175356052	0.55	cps
Iron	57-2	4419429	4422581	4381161	4407724	0.52	cps
Krypton	83-1	297	323	320	313	4.64	cps
Lead	206-1	34735	34038	35024	34599	1.46	cps
Lead	207-1	27067	26471	26816	26785	1.12	cps
Lead	208-1	127151	127941	129602	128232	0.98	cps
Lithium	6-1	2262101	2249179	2241525	2250935	0.46	cps
Magnesium	24-2	17087025	16801371	16941358	16943251	0.84	cps

LB Number : LB102841 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-17 14:21:34 DataFile Name : 016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	10517	10240	10434	10397	1.37	cps
Molybdenum	94-1	3832562	3827784	3816080	3825475	0.22	cps
Molybdenum	95-1	6774351	6825906	6821132	6807130	0.42	cps
Molybdenum	96-1	7286542	7248069	7295428	7276680	0.35	cps
Molybdenum	97-1	4198367	4197594	4226094	4207352	0.39	cps
Molybdenum	98-1	10914129	11025732	11027469	10989110	0.59	cps
Neodymium	150-1	47	20	20	29	53.30	cps
Neodymium	150-2	30	13	37	27	45.08	cps
Nickel	60-2	4514	4574	4494	4527	0.92	cps
Phosphorus	31-2	385737	382376	382714	383609	0.48	cps
Potassium	39-2	16197215	16068118	16122799	16129377	0.40	cps
Rhodium	103-1	5766166	5771999	5776451	5771539	0.09	cps
Rhodium	103-2	2963672	2891969	2951452	2935698	1.31	cps
Scandium	45-1	4285236	4262770	4272189	4273398	0.26	cps
Scandium	45-2	200829	195174	198744	198249	1.44	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	37	43	41	40	7.04	cps
Selenium	82-1	77	59	55	64	18.37	cps
Silicon	28-1	221967	216187	208206	215453	3.21	cps
Silver	109-1	550	633	725	636	13.76	cps
Silver	107-1	533	592	700	608	13.90	cps
Sodium	23-2	32684815	31992212	32396946	32357991	1.08	cps
Strontium	86-1	80584	78832	79009	79475	1.21	cps
Strontium	88-1	694452	694594	694789	694612	0.02	cps
Sulfur	34-1	4235594	4216439	4215645	4222559	0.27	cps
Terbium	159-1	10616179	10687669	10722704	10675518	0.51	cps
Terbium	159-2	5761768	5683459	5726653	5723960	0.69	cps
Thallium	203-1	1275	1609	1734	1539	15.40	cps
Thallium	205-1	3401	4201	4501	4034	14.10	cps
Thorium	232-1	772	717	789	759	4.98	cps
Tin	118-1	1567	1425	1517	1503	4.78	cps
Titanium	47-1	1935671	1937308	1938581	1937186	0.08	cps
Uranium	238-1	517	525	592	544	7.55	cps
Vanadium	51-2	243	280	293	272	9.51	cps
Yttrium	89-1	7046973	7098276	7124543	7089931	0.56	cps
Yttrium	89-2	1128581	1099029	1111545	1113052	1.33	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:21:34	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	5101	4918	4801	4940	3.06	cps
Zirconium	90-1	808	800	892	833	6.08	cps
Zirconium	91-1	175	275	108	186	45.07	cps

LB Number : LB102841 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-17 14:25:11 DataFile Name : 017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6860336	6981684	6994900	6945640	1.07	cps
Antimony	121-1	150061	151382	149110	150184	0.76	cps
Arsenic	75-2	4649	4584	4738	4657	1.66	cps
Barium	135-1	42934	41747	41680	42120	1.67	cps
Barium	137-1	73470	73528	71300	72766	1.75	cps
Beryllium	9-1	33851	34088	33253	33731	1.28	cps
Bismuth	209-1	6966826	6886974	6810130	6887977	1.14	cps
Bismuth	209-2	4324797	4335413	4383269	4347826	0.72	cps
Boron	10-1	15016	14232	14199	14483	3.19	cps
Boron	11-1	62773	64605	63852	63743	1.44	cps
Cadmium	111-1	42261	41801	41799	41954	0.63	cps
Cadmium	106-1	8586	8061	7752	8133	5.18	cps
Cadmium	108-1	5330	5164	5526	5340	3.40	cps
Calcium	43-1	2237008	2214315	2206829	2219384	0.71	cps
Calcium	44-1	36400173	36358100	36121985	36293419	0.41	cps
Chromium	52-2	82358	83388	83079	82942	0.64	cps
Cobalt	59-2	68405	69571	70107	69361	1.25	cps
Copper	63-2	60706	62018	60863	61195	1.17	cps
Dysprosium	156-1	50	25	67	47	44.41	cps
Dysprosium	156-2	33	20	20	24	31.49	cps
Erbium	164-1	42	67	67	58	24.74	cps
Erbium	164-2	43	23	27	31	34.44	cps
Gadolinium	160-1	83	50	42	58	37.80	cps
Gadolinium	160-2	200	187	137	174	19.14	cps
Holmium	165-1	10580426	10450173	10444435	10491678	0.73	cps
Holmium	165-2	5870555	5963706	5978408	5937556	0.99	cps
Indium	115-1	6869429	6848437	6781190	6833018	0.67	cps
Indium	115-2	1498608	1510548	1522843	1510667	0.80	cps
Iron	56-2	178366621	178684843	179242421	178764628	0.25	cps
Iron	57-2	4456710	4481994	4461249	4466651	0.30	cps
Krypton	83-1	350	193	310	284	28.62	cps
Lead	206-1	185937	181059	184297	183764	1.35	cps
Lead	207-1	151846	149829	153037	151571	1.07	cps
Lead	208-1	712439	700480	707436	706785	0.85	cps
Lithium	6-1	2236099	2223597	2203379	2221025	0.74	cps
Magnesium	24-2	16951164	17098716	17150039	17066640	0.60	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:25:11	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	36699	37087	37484	37090	1.06	cps
Molybdenum	94-1	4203987	4205191	4180868	4196682	0.33	cps
Molybdenum	95-1	7084931	7075388	7065878	7075399	0.13	cps
Molybdenum	96-1	7663044	7639708	7634000	7645584	0.20	cps
Molybdenum	97-1	4432689	4383724	4379933	4398782	0.67	cps
Molybdenum	98-1	11484165	11517993	11437799	11479986	0.35	cps
Neodymium	150-1	27	47	60	44	37.74	cps
Neodymium	150-2	10	7	13	10	33.30	cps
Nickel	60-2	21176	20551	20765	20831	1.52	cps
Phosphorus	31-2	378755	389383	392001	386713	1.81	cps
Potassium	39-2	16331865	16470283	16419572	16407240	0.43	cps
Rhodium	103-1	5937829	5878513	5790677	5869006	1.26	cps
Rhodium	103-2	2941644	2967075	2986466	2965062	0.76	cps
Scandium	45-1	4383299	4313059	4277174	4324510	1.25	cps
Scandium	45-2	200268	201385	199807	200487	0.40	cps
Selenium	77-2	113	147	150	137	14.83	cps
Selenium	78-2	459	524	459	481	7.78	cps
Selenium	82-1	2889	3134	2815	2946	5.67	cps
Silicon	28-1	432142	424986	427885	428338	0.84	cps
Silver	109-1	161580	160419	160172	160724	0.47	cps
Silver	107-1	169823	168955	167487	168755	0.70	cps
Sodium	23-2	32568368	32693984	32849857	32704070	0.43	cps
Strontium	86-1	222568	219249	220744	220853	0.75	cps
Strontium	88-1	1925251	1927048	1950530	1934276	0.73	cps
Sulfur	34-1	4278730	4237846	4237561	4251379	0.56	cps
Terbium	159-1	10776260	10680880	10635613	10697584	0.67	cps
Terbium	159-2	5737836	5758320	5793368	5763174	0.49	cps
Thallium	203-1	183853	178373	180500	180909	1.53	cps
Thallium	205-1	436599	436562	436447	436536	0.02	cps
Thorium	232-1	12362	12401	12829	12530	2.07	cps
Tin	118-1	297999	299574	291375	296316	1.47	cps
Titanium	47-1	2032726	2016145	1996359	2015077	0.90	cps
Uranium	238-1	1631443	1604530	1635503	1623825	1.04	cps
Vanadium	51-2	33515	33756	33839	33703	0.50	cps
Yttrium	89-1	7282532	7214011	7114239	7203594	1.17	cps
Yttrium	89-2	1125935	1132120	1133979	1130678	0.37	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:25:11	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	12379	12646	12439	12488	1.12	cps
Zirconium	90-1	582659	589322	584304	585429	0.59	cps
Zirconium	91-1	131122	133669	131146	131979	1.11	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCV89	Instrumnet Name :	P7
Client Sample ID :	CCV89	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:28:48	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4135780	4131867	4118502	4128717	0.22	cps
Antimony	121-1	3460436	3455198	3408174	3441270	0.84	cps
Arsenic	75-2	114399	113834	115181	114471	0.59	cps
Barium	135-1	4762516	4775029	4740082	4759209	0.37	cps
Barium	137-1	8404911	8408634	8413849	8409131	0.05	cps
Beryllium	9-1	804354	815500	814037	811297	0.75	cps
Bismuth	209-1	6623472	6694576	6609617	6642555	0.69	cps
Bismuth	209-2	4097595	4077608	4103866	4093023	0.34	cps
Boron	10-1	130164	131309	131274	130916	0.50	cps
Boron	11-1	568348	587627	589988	581988	2.04	cps
Cadmium	111-1	1004481	1009418	1003984	1005961	0.30	cps
Cadmium	106-1	115998	114677	115543	115406	0.58	cps
Cadmium	108-1	77101	76539	76794	76811	0.37	cps
Calcium	43-1	5525193	5478567	5498904	5500888	0.42	cps
Calcium	44-1	89470004	90244100	90117400	89943835	0.46	cps
Chromium	52-2	1018931	1012515	1016570	1016005	0.32	cps
Cobalt	59-2	1562209	1569019	1572592	1567940	0.34	cps
Copper	63-2	2278501	2270744	2299800	2283015	0.66	cps
Dysprosium	156-1	158	117	75	117	35.72	cps
Dysprosium	156-2	110	163	120	131	21.63	cps
Erbium	164-1	67	67	67	67	0.00	cps
Erbium	164-2	33	40	20	31	32.73	cps
Gadolinium	160-1	117	117	142	125	11.55	cps
Gadolinium	160-2	140	180	140	153	15.06	cps
Holmium	165-1	10353370	10467467	10322201	10381013	0.74	cps
Holmium	165-2	5770588	5772499	5759845	5767644	0.12	cps
Indium	115-1	6635112	6710507	6633962	6659860	0.66	cps
Indium	115-2	1447151	1457545	1451961	1452219	0.36	cps
Iron	56-2	222259333	221181527	223025577	222155479	0.42	cps
Iron	57-2	5583718	5563257	5576724	5574566	0.19	cps
Krypton	83-1	320	300	310	310	3.23	cps
Lead	206-1	3515226	3492808	3485707	3497914	0.44	cps
Lead	207-1	3117777	3125155	3088566	3110499	0.62	cps
Lead	208-1	14206931	14139506	14071958	14139465	0.48	cps
Lithium	6-1	2180772	2205622	2204726	2197040	0.64	cps
Magnesium	24-2	41854444	41828650	41938439	41873844	0.14	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCV89	Instrumnet Name :	P7
Client Sample ID :	CCV89	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:28:48	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1290428	1299774	1304368	1298190	0.55	cps
Molybdenum	94-1	7251460	7230382	7271753	7251198	0.29	cps
Molybdenum	95-1	8753737	8731622	8770805	8752055	0.22	cps
Molybdenum	96-1	9709506	9685909	9718993	9704803	0.18	cps
Molybdenum	97-1	5413163	5472254	5481376	5455598	0.68	cps
Molybdenum	98-1	14031436	14133877	14106061	14090458	0.38	cps
Neodymium	150-1	613	493	527	544	11.38	cps
Neodymium	150-2	110	73	90	91	20.15	cps
Nickel	60-2	388827	388826	391741	389798	0.43	cps
Phosphorus	31-2	38852	39796	38108	38918	2.17	cps
Potassium	39-2	20745730	20943607	20866318	20851885	0.48	cps
Rhodium	103-1	5618533	5657205	5711446	5662395	0.82	cps
Rhodium	103-2	2816891	2808272	2805550	2810238	0.21	cps
Scandium	45-1	4272402	4345900	4298416	4305573	0.87	cps
Scandium	45-2	197798	197487	197664	197650	0.08	cps
Selenium	77-2	3574	3437	3474	3495	2.02	cps
Selenium	78-2	11894	12009	11888	11930	0.57	cps
Selenium	82-1	72179	72525	72537	72413	0.28	cps
Silicon	28-1	2685316	2740186	2795498	2740333	2.01	cps
Silver	109-1	4300284	4321583	4268234	4296701	0.62	cps
Silver	107-1	4444217	4441915	4440982	4442372	0.04	cps
Sodium	23-2	80946991	80945777	81453502	81115423	0.36	cps
Strontium	86-1	1167872	1162791	1174237	1168300	0.49	cps
Strontium	88-1	10224272	10280413	10330133	10278273	0.52	cps
Sulfur	34-1	625550	631889	626749	628063	0.54	cps
Terbium	159-1	10606573	10623435	10581980	10603996	0.20	cps
Terbium	159-2	5643941	5609184	5656617	5636581	0.44	cps
Thallium	203-1	4318772	4313616	4336794	4323061	0.28	cps
Thallium	205-1	10410427	10420962	10462970	10431453	0.27	cps
Thorium	232-1	17029755	17075227	17100388	17068457	0.21	cps
Tin	118-1	2994180	2992225	2973547	2986651	0.38	cps
Titanium	47-1	2411218	2409176	2422496	2414297	0.30	cps
Uranium	238-1	16791936	16772033	16881832	16815267	0.35	cps
Vanadium	51-2	847621	844795	843725	845380	0.24	cps
Yttrium	89-1	7098865	7186077	7144129	7143024	0.61	cps
Yttrium	89-2	1101733	1109564	1108317	1106538	0.38	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCV89	Instrumnet Name :	P7
Client Sample ID :	CCV89	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:28:48	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	388354	387021	391609	388995	0.61	cps
Zirconium	90-1	6179105	6223620	6225131	6209286	0.42	cps
Zirconium	91-1	1365225	1356670	1356564	1359486	0.37	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P7
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:40:05	DataFile Name :	019LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1358	1508	1550	1472	6.85	cps
Antimony	121-1	14850	13724	14466	14347	3.99	cps
Arsenic	75-2	202	243	252	232	11.46	cps
Barium	135-1	19414	18538	18613	18855	2.58	cps
Barium	137-1	33567	32664	32447	32893	1.80	cps
Beryllium	9-1	1840	1790	1803	1811	1.43	cps
Bismuth	209-1	7522996	7508759	7487528	7506428	0.24	cps
Bismuth	209-2	4698258	4703374	4717256	4706296	0.21	cps
Boron	10-1	8019	8186	8419	8208	2.45	cps
Boron	11-1	35969	36019	36011	35999	0.07	cps
Cadmium	111-1	4166	3688	4212	4022	7.22	cps
Cadmium	106-1	3142	3142	3217	3167	1.37	cps
Cadmium	108-1	138	238	171	182	27.99	cps
Calcium	43-1	11438	10487	11288	11071	4.62	cps
Calcium	44-1	185011	182649	182159	183273	0.83	cps
Chromium	52-2	4664	4591	4574	4610	1.04	cps
Cobalt	59-2	3257	3217	3330	3268	1.76	cps
Copper	63-2	4861	5091	4938	4963	2.36	cps
Dysprosium	156-1	0	25	0	8	173.21	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	33	42	50	42	20.00	cps
Erbium	164-2	10	10	23	14	53.28	cps
Gadolinium	160-1	50	33	33	39	24.75	cps
Gadolinium	160-2	143	147	153	148	3.45	cps
Holmium	165-1	10751902	10763717	10646870	10720829	0.60	cps
Holmium	165-2	6049688	6054851	6025070	6043203	0.26	cps
Indium	115-1	7533211	7511143	7468776	7504377	0.44	cps
Indium	115-2	1638031	1653091	1642974	1644699	0.47	cps
Iron	56-2	100666	98540	99245	99484	1.09	cps
Iron	57-2	2545	2873	2700	2706	6.06	cps
Krypton	83-1	327	290	317	311	6.09	cps
Lead	206-1	7158	7035	7102	7098	0.86	cps
Lead	207-1	6185	6318	6085	6196	1.89	cps
Lead	208-1	28685	28958	28024	28556	1.68	cps
Lithium	6-1	2499305	2479906	2464381	2481197	0.71	cps
Magnesium	24-2	88864	88075	88519	88486	0.45	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P7
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:40:05	DataFile Name :	019LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1330	1390	1460	1393	4.67	cps
Molybdenum	94-1	14516	14917	14925	14786	1.58	cps
Molybdenum	95-1	18338	18179	17862	18126	1.34	cps
Molybdenum	96-1	20257	20240	19472	19990	2.24	cps
Molybdenum	97-1	11272	10946	11438	11219	2.23	cps
Molybdenum	98-1	29924	28312	28930	29055	2.80	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	877	840	800	839	4.57	cps
Phosphorus	31-2	392	333	275	333	17.50	cps
Potassium	39-2	96991	93645	94434	95023	1.84	cps
Rhodium	103-1	6803887	6709046	6726198	6746377	0.75	cps
Rhodium	103-2	3356744	3361609	3380357	3366237	0.37	cps
Scandium	45-1	4832376	4819130	4765003	4805503	0.74	cps
Scandium	45-2	215332	219379	218941	217884	1.02	cps
Selenium	77-2	43	23	27	31	34.44	cps
Selenium	78-2	135	181	204	173	20.15	cps
Selenium	82-1	859	972	907	912	6.23	cps
Silicon	28-1	157749	157236	158666	157884	0.46	cps
Silver	109-1	9437	9529	8962	9309	3.27	cps
Silver	107-1	9429	9887	9345	9554	3.06	cps
Sodium	23-2	169447	169354	170450	169750	0.36	cps
Strontium	86-1	2909	2600	2700	2736	5.75	cps
Strontium	88-1	20774	19372	20106	20084	3.49	cps
Sulfur	34-1	279603	274171	277269	277015	0.98	cps
Terbium	159-1	11080781	11048834	11002966	11044194	0.35	cps
Terbium	159-2	5897258	5980618	5883154	5920343	0.89	cps
Thallium	203-1	8995	8428	8120	8514	5.22	cps
Thallium	205-1	20775	20567	20550	20631	0.61	cps
Thorium	232-1	30236	29829	29774	29946	0.84	cps
Tin	118-1	31570	31503	31311	31461	0.43	cps
Titanium	47-1	4868	4734	5260	4954	5.51	cps
Uranium	238-1	28908	29008	28315	28744	1.30	cps
Vanadium	51-2	8953	8949	8666	8856	1.86	cps
Yttrium	89-1	7784027	7731303	7698296	7737875	0.56	cps
Yttrium	89-2	1213575	1210567	1203968	1209370	0.41	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	LLCCV01	Instrumnet Name :	P7
Client Sample ID :	LLCCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:40:05	DataFile Name :	019LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1003	950	997	983	2.96	cps
Zirconium	90-1	12473	12523	12197	12398	1.41	cps
Zirconium	91-1	2425	2700	2684	2603	5.93	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCB89	Instrumnet Name :	P7
Client Sample ID :	CCB89	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:43:41	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	58	25	44	39.04	cps
Antimony	121-1	300	367	550	406	31.92	cps
Arsenic	75-2	9	2	2	4	99.03	cps
Barium	135-1	25	25	42	31	31.50	cps
Barium	137-1	17	25	67	36	74.18	cps
Beryllium	9-1	77	100	63	80	23.20	cps
Bismuth	209-1	7433254	7426109	7368271	7409211	0.48	cps
Bismuth	209-2	4659569	4668162	4665558	4664429	0.09	cps
Boron	10-1	1442	1550	1500	1497	3.62	cps
Boron	11-1	7069	6902	6418	6796	4.97	cps
Cadmium	111-1	2121	2039	1984	2048	3.36	cps
Cadmium	106-1	3009	2892	2834	2912	3.06	cps
Cadmium	108-1	8	8	17	11	43.34	cps
Calcium	43-1	75	75	133	94	35.66	cps
Calcium	44-1	5151	5393	5343	5296	2.41	cps
Chromium	52-2	503	417	387	436	13.91	cps
Cobalt	59-2	33	40	33	36	10.83	cps
Copper	63-2	463	413	500	459	9.48	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	50	50	42	47	10.18	cps
Erbium	164-2	10	13	17	13	25.01	cps
Gadolinium	160-1	42	42	75	53	36.46	cps
Gadolinium	160-2	117	123	143	128	10.86	cps
Holmium	165-1	10719274	10671107	10491592	10627324	1.13	cps
Holmium	165-2	5952607	5976052	5979480	5969380	0.25	cps
Indium	115-1	7427711	7397128	7386473	7403771	0.29	cps
Indium	115-2	1621891	1631900	1642530	1632107	0.63	cps
Iron	56-2	3212	3317	3206	3245	1.93	cps
Iron	57-2	122	111	111	115	5.59	cps
Krypton	83-1	300	310	277	296	5.79	cps
Lead	206-1	544	406	450	467	15.20	cps
Lead	207-1	461	311	361	378	20.22	cps
Lead	208-1	1972	1700	1772	1815	7.77	cps
Lithium	6-1	2478269	2469824	2452331	2466808	0.54	cps
Magnesium	24-2	242	225	208	225	7.41	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCB89	Instrumnet Name :	P7
Client Sample ID :	CCB89	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:43:41	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20	47	33	33	40.01	cps
Molybdenum	94-1	450	433	492	458	6.56	cps
Molybdenum	95-1	350	308	342	333	6.61	cps
Molybdenum	96-1	458	375	475	436	12.29	cps
Molybdenum	97-1	192	158	233	194	19.32	cps
Molybdenum	98-1	583	458	492	511	12.66	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	37	67	37	47	37.11	cps
Phosphorus	31-2	100	67	83	83	20.00	cps
Potassium	39-2	13982	13265	13532	13593	2.67	cps
Rhodium	103-1	6641087	6644569	6599190	6628282	0.38	cps
Rhodium	103-2	3321269	3311445	3347829	3326848	0.57	cps
Scandium	45-1	4768305	4747228	4676381	4730638	1.02	cps
Scandium	45-2	216278	215362	215656	215765	0.22	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	44	46	35	42	14.18	cps
Selenium	82-1	78	74	128	93	32.49	cps
Silicon	28-1	117333	115434	115569	116112	0.91	cps
Silver	109-1	92	83	83	86	5.58	cps
Silver	107-1	100	167	100	122	31.49	cps
Sodium	23-2	6260	6327	6552	6379	2.40	cps
Strontium	86-1	492	492	475	486	1.98	cps
Strontium	88-1	100	92	83	92	9.09	cps
Sulfur	34-1	279196	276563	275902	277220	0.63	cps
Terbium	159-1	10988919	10803181	10814981	10869027	0.96	cps
Terbium	159-2	5793821	5856214	5845872	5831969	0.57	cps
Thallium	203-1	275	275	325	292	9.90	cps
Thallium	205-1	708	675	633	672	5.59	cps
Thorium	232-1	333	339	439	370	16.04	cps
Tin	118-1	483	483	500	489	1.97	cps
Titanium	47-1	117	100	217	144	43.69	cps
Uranium	238-1	50	42	67	53	24.12	cps
Vanadium	51-2	7	0	3	3	100.05	cps
Yttrium	89-1	7693625	7651269	7565209	7636701	0.86	cps
Yttrium	89-2	1189318	1194747	1199786	1194617	0.44	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCB89	Instrumnet Name :	P7
Client Sample ID :	CCB89	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:43:41	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	170	240	217	209	17.06	cps
Zirconium	90-1	575	675	658	636	8.42	cps
Zirconium	91-1	117	142	125	128	9.96	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:47:31	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1383	1558	1575	1506	7.05	cps
Antimony	121-1	13315	13223	12448	12995	3.67	cps
Arsenic	75-2	217	211	204	210	3.09	cps
Barium	135-1	18388	18012	18171	18190	1.04	cps
Barium	137-1	31971	30501	30869	31114	2.46	cps
Beryllium	9-1	1657	1723	1860	1747	5.94	cps
Bismuth	209-1	7351062	7351867	7372295	7358408	0.16	cps
Bismuth	209-2	4746920	4698315	4733057	4726097	0.53	cps
Boron	10-1	7427	7644	7552	7541	1.44	cps
Boron	11-1	32319	33246	34390	33318	3.11	cps
Cadmium	111-1	4399	3976	4258	4211	5.11	cps
Cadmium	106-1	3559	3301	3567	3476	4.36	cps
Cadmium	108-1	163	121	146	143	14.66	cps
Calcium	43-1	10488	10362	10854	10568	2.42	cps
Calcium	44-1	180513	177790	179730	179344	0.78	cps
Chromium	52-2	4661	4274	4687	4541	5.10	cps
Cobalt	59-2	3217	3284	3247	3249	1.03	cps
Copper	63-2	5004	4834	4944	4928	1.75	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	50	8	17	25	88.19	cps
Erbium	164-2	13	23	37	24	47.91	cps
Gadolinium	160-1	33	25	17	25	33.32	cps
Gadolinium	160-2	147	127	110	128	14.37	cps
Holmium	165-1	10462689	10526306	10498887	10495961	0.30	cps
Holmium	165-2	6046204	6005658	6024728	6025530	0.34	cps
Indium	115-1	7318309	7347165	7346987	7337487	0.23	cps
Indium	115-2	1648612	1643953	1649131	1647232	0.17	cps
Iron	56-2	95587	98070	94849	96169	1.75	cps
Iron	57-2	2439	2728	2250	2472	9.73	cps
Krypton	83-1	337	347	280	321	11.20	cps
Lead	206-1	7291	7113	7141	7182	1.33	cps
Lead	207-1	6063	5896	5579	5846	4.20	cps
Lead	208-1	27623	27962	26856	27480	2.06	cps
Lithium	6-1	2459607	2451983	2469228	2460273	0.35	cps
Magnesium	24-2	86441	85234	86642	86106	0.88	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:47:31	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1440	1380	1377	1399	2.55	cps
Molybdenum	94-1	14224	14032	13907	14055	1.14	cps
Molybdenum	95-1	17745	17094	17436	17425	1.87	cps
Molybdenum	96-1	18797	19622	18688	19036	2.68	cps
Molybdenum	97-1	11247	10855	10955	11019	1.85	cps
Molybdenum	98-1	27394	28104	28079	27859	1.45	cps
Neodymium	150-1	0	27	7	11	124.89	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	950	837	973	920	7.95	cps
Phosphorus	31-2	283	292	250	275	8.02	cps
Potassium	39-2	92663	91943	93000	92535	0.58	cps
Rhodium	103-1	6574715	6616214	6622064	6604331	0.39	cps
Rhodium	103-2	3369602	3361321	3362278	3364400	0.13	cps
Scandium	45-1	4699236	4676681	4674309	4683409	0.29	cps
Scandium	45-2	213811	217432	217651	216298	1.00	cps
Selenium	77-2	27	50	73	50	46.66	cps
Selenium	78-2	176	172	194	181	6.58	cps
Selenium	82-1	783	806	932	841	9.55	cps
Silicon	28-1	154708	156773	158371	156617	1.17	cps
Silver	109-1	8861	9253	8628	8914	3.54	cps
Silver	107-1	9245	9337	9612	9398	2.03	cps
Sodium	23-2	164517	162934	165514	164322	0.79	cps
Strontium	86-1	2717	2792	2409	2639	7.70	cps
Strontium	88-1	19280	19489	19898	19556	1.61	cps
Sulfur	34-1	284280	285064	284363	284569	0.15	cps
Terbium	159-1	10770447	10805848	10792363	10789553	0.17	cps
Terbium	159-2	5895271	5946669	5881949	5907963	0.58	cps
Thallium	203-1	8828	8645	7953	8475	5.45	cps
Thallium	205-1	20458	19815	19432	19902	2.61	cps
Thorium	232-1	28693	28593	28632	28639	0.18	cps
Tin	118-1	30342	30534	30960	30612	1.03	cps
Titanium	47-1	5026	5043	4626	4898	4.82	cps
Uranium	238-1	28633	27981	28799	28471	1.52	cps
Vanadium	51-2	8613	8663	8549	8608	0.66	cps
Yttrium	89-1	7568195	7545175	7615638	7576336	0.47	cps
Yttrium	89-2	1198225	1210087	1210731	1206348	0.58	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:47:31	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1000	870	967	946	7.14	cps
Zirconium	90-1	11638	11855	12281	11925	2.74	cps
Zirconium	91-1	2700	2484	2500	2561	4.71	cps

LB Number : LB102841 Operator : Jaswal
 Lab Sample ID : PBW Instrumnet Name : P7
 Client Sample ID : PBW Dilution Factor : 1
 Date & Time Acquired :: 2019-05-17 14:51:07 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	58	50	53	9.12	cps
Antimony	121-1	200	217	233	217	7.69	cps
Arsenic	75-2	4	2	2	2	43.30	cps
Barium	135-1	50	42	17	36	48.03	cps
Barium	137-1	17	25	17	19	24.73	cps
Beryllium	9-1	93	47	77	72	32.74	cps
Bismuth	209-1	7459198	7462642	7476892	7466244	0.13	cps
Bismuth	209-2	4712270	4678872	4663085	4684742	0.54	cps
Boron	10-1	1033	1208	1258	1167	10.13	cps
Boron	11-1	5410	5134	4718	5087	6.85	cps
Cadmium	111-1	1929	2139	2150	2073	6.01	cps
Cadmium	106-1	2750	3025	3050	2942	5.66	cps
Cadmium	108-1	13	0	8	7	91.66	cps
Calcium	43-1	100	150	92	114	27.70	cps
Calcium	44-1	5676	6152	5868	5899	4.05	cps
Chromium	52-2	547	450	433	477	12.84	cps
Cobalt	59-2	40	43	30	38	18.36	cps
Copper	63-2	413	450	497	453	9.21	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	50	33	67	50	33.34	cps
Erbium	164-2	30	13	27	23	37.81	cps
Gadolinium	160-1	83	50	50	61	31.50	cps
Gadolinium	160-2	127	167	170	154	15.61	cps
Holmium	165-1	10691165	10658324	10601479	10650323	0.43	cps
Holmium	165-2	6012030	5980912	5928350	5973764	0.71	cps
Indium	115-1	7376477	7461254	7454354	7430695	0.63	cps
Indium	115-2	1645167	1642553	1622125	1636615	0.77	cps
Iron	56-2	3945	4123	3906	3991	2.89	cps
Iron	57-2	89	133	111	111	20.00	cps
Krypton	83-1	307	333	307	316	4.88	cps
Lead	206-1	411	456	339	402	14.65	cps
Lead	207-1	322	306	372	333	10.41	cps
Lead	208-1	1506	1572	1445	1507	4.24	cps
Lithium	6-1	2495570	2467361	2480595	2481175	0.57	cps
Magnesium	24-2	508	792	533	611	25.67	cps

LB Number : LB102841 Operator : Jaswal
 Lab Sample ID : PBW Instrumnet Name : P7
 Client Sample ID : PBW Dilution Factor : 1
 Date & Time Acquired :: 2019-05-17 14:51:07 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17	37	30	28	36.66	cps
Molybdenum	94-1	300	292	383	325	15.60	cps
Molybdenum	95-1	217	217	200	211	4.56	cps
Molybdenum	96-1	250	217	233	233	7.14	cps
Molybdenum	97-1	133	133	225	164	32.29	cps
Molybdenum	98-1	267	333	242	281	16.89	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	37	40	20	32	33.25	cps
Phosphorus	31-2	92	125	92	103	18.73	cps
Potassium	39-2	13732	14007	13573	13771	1.59	cps
Rhodium	103-1	6681007	6683460	6693321	6685929	0.10	cps
Rhodium	103-2	3361310	3340405	3319207	3340307	0.63	cps
Scandium	45-1	4774711	4727242	4779007	4760320	0.60	cps
Scandium	45-2	215956	217624	213694	215758	0.91	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	28	39	48	38	26.65	cps
Selenium	82-1	103	69	138	103	33.20	cps
Silicon	28-1	109692	110355	109977	110008	0.30	cps
Silver	109-1	50	58	25	44	39.04	cps
Silver	107-1	192	67	83	114	59.59	cps
Sodium	23-2	6793	5893	5943	6210	8.15	cps
Strontium	86-1	533	550	417	500	14.53	cps
Strontium	88-1	58	117	67	81	39.16	cps
Sulfur	34-1	281443	282913	279189	281182	0.67	cps
Terbium	159-1	10916943	10837842	10891423	10882069	0.37	cps
Terbium	159-2	5891307	5853013	5828121	5857480	0.54	cps
Thallium	203-1	250	250	258	253	1.90	cps
Thallium	205-1	658	592	558	603	8.45	cps
Thorium	232-1	356	206	317	293	26.61	cps
Tin	118-1	383	408	475	422	11.22	cps
Titanium	47-1	75	133	125	111	28.40	cps
Uranium	238-1	17	33	42	31	41.66	cps
Vanadium	51-2	10	10	3	8	49.52	cps
Yttrium	89-1	7664352	7637796	7689661	7663936	0.34	cps
Yttrium	89-2	1199747	1198776	1185079	1194534	0.69	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P7
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:51:07	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	150	157	117	141	15.19	cps
Zirconium	90-1	742	725	642	703	7.62	cps
Zirconium	91-1	142	108	142	131	14.74	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P7
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:54:44	DataFile Name :	023LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	774393	761985	775600	770659	0.98	cps
Antimony	121-1	3656493	3627102	3655200	3646265	0.46	cps
Arsenic	75-2	119957	120031	121092	120360	0.53	cps
Barium	135-1	4842870	4869176	4901598	4871215	0.60	cps
Barium	137-1	8611063	8689801	8677747	8659537	0.49	cps
Beryllium	9-1	878281	875568	874193	876014	0.24	cps
Bismuth	209-1	7039136	7113391	7120901	7091143	0.64	cps
Bismuth	209-2	4440251	4449045	4469517	4452937	0.34	cps
Boron	10-1	136797	138344	138032	137725	0.59	cps
Boron	11-1	591862	605578	616499	604646	2.04	cps
Cadmium	111-1	1005533	1004679	1010834	1007015	0.33	cps
Cadmium	106-1	113166	115385	115953	114835	1.28	cps
Cadmium	108-1	78399	77925	77129	77818	0.82	cps
Calcium	43-1	1156712	1151274	1155923	1154636	0.25	cps
Calcium	44-1	18928351	18864388	18894644	18895794	0.17	cps
Chromium	52-2	1059556	1054975	1059991	1058174	0.26	cps
Cobalt	59-2	1651510	1661584	1671221	1661438	0.59	cps
Copper	63-2	2237908	2236760	2241445	2238704	0.11	cps
Dysprosium	156-1	150	225	183	186	20.19	cps
Dysprosium	156-2	137	157	173	156	11.80	cps
Erbium	164-1	50	142	92	94	48.60	cps
Erbium	164-2	70	43	63	59	23.57	cps
Gadolinium	160-1	117	67	158	114	40.30	cps
Gadolinium	160-2	180	250	200	210	17.17	cps
Holmium	165-1	10517353	10665214	10591862	10591476	0.70	cps
Holmium	165-2	5896997	5877173	5923063	5899078	0.39	cps
Indium	115-1	6861673	6991055	6945959	6932896	0.95	cps
Indium	115-2	1542388	1528193	1535450	1535344	0.46	cps
Iron	56-2	46607736	46270366	46534566	46470889	0.38	cps
Iron	57-2	1145537	1151891	1143720	1147049	0.37	cps
Krypton	83-1	310	253	290	284	10.10	cps
Lead	206-1	3683815	3660560	3663939	3669438	0.34	cps
Lead	207-1	3243418	3254247	3273903	3257189	0.47	cps
Lead	208-1	14752466	14776204	14860091	14796254	0.38	cps
Lithium	6-1	2334114	2342807	2335460	2337460	0.20	cps
Magnesium	24-2	9015864	8901485	9047740	8988363	0.86	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P7
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:54:44	DataFile Name :	023LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1371081	1374060	1370440	1371860	0.14	cps
Molybdenum	94-1	7294536	7301261	7313073	7302957	0.13	cps
Molybdenum	95-1	8876534	8892723	8917815	8895691	0.23	cps
Molybdenum	96-1	9855178	9880300	9928866	9888115	0.38	cps
Molybdenum	97-1	5529447	5569953	5552279	5550560	0.37	cps
Molybdenum	98-1	14224848	14329795	14336679	14297108	0.44	cps
Neodymium	150-1	540	680	607	609	11.50	cps
Neodymium	150-2	150	137	127	138	8.50	cps
Nickel	60-2	424798	422955	424114	423956	0.22	cps
Phosphorus	31-2	40866	41492	41141	41166	0.76	cps
Potassium	39-2	4223372	4218817	4225006	4222398	0.08	cps
Rhodium	103-1	6010859	6066555	6066424	6047946	0.53	cps
Rhodium	103-2	3071047	3053363	3091554	3071988	0.62	cps
Scandium	45-1	4397223	4438443	4397354	4411007	0.54	cps
Scandium	45-2	203248	203012	204410	203557	0.37	cps
Selenium	77-2	3590	3694	3834	3706	3.30	cps
Selenium	78-2	12287	12337	12337	12320	0.23	cps
Selenium	82-1	75716	75437	75715	75623	0.21	cps
Silicon	28-1	3133416	3221739	3291023	3215393	2.46	cps
Silver	109-1	4210712	4263643	4257101	4243819	0.68	cps
Silver	107-1	4412670	4440116	4420198	4424328	0.32	cps
Sodium	23-2	17120221	16909663	16937846	16989243	0.67	cps
Strontium	86-1	1191928	1199983	1196662	1196191	0.34	cps
Strontium	88-1	10453685	10486786	10515799	10485423	0.30	cps
Sulfur	34-1	659264	661681	662785	661243	0.27	cps
Terbium	159-1	10640513	10818188	10721643	10726781	0.83	cps
Terbium	159-2	5787792	5668637	5784289	5746906	1.18	cps
Thallium	203-1	4502826	4527864	4521661	4517450	0.29	cps
Thallium	205-1	10909008	10931458	10939506	10926657	0.14	cps
Thorium	232-1	17019254	17080793	17150505	17083517	0.38	cps
Tin	118-1	3070753	3076900	3097086	3081580	0.45	cps
Titanium	47-1	2470388	2509934	2500445	2493589	0.83	cps
Uranium	238-1	16846070	16777122	16887386	16836859	0.33	cps
Vanadium	51-2	875517	871251	870575	872447	0.31	cps
Yttrium	89-1	7235351	7308255	7287185	7276930	0.52	cps
Yttrium	89-2	1149244	1135543	1148672	1144486	0.68	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P7
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 14:54:44	DataFile Name :	023LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	396479	397607	399334	397807	0.36	cps
Zirconium	90-1	6252220	6293098	6282090	6275802	0.34	cps
Zirconium	91-1	1367469	1377916	1377347	1374244	0.43	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	LLOQ-WATER	Instrumnet Name :	P7
Client Sample ID :	LLOQ-WATER	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 15:07:24	DataFile Name :	025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1500	1392	1442	1445	3.75	cps
Antimony	121-1	12973	12389	13165	12842	3.15	cps
Arsenic	75-2	252	231	204	229	10.55	cps
Barium	135-1	17461	16986	17762	17403	2.25	cps
Barium	137-1	31554	30852	32414	31606	2.48	cps
Beryllium	9-1	1710	1713	1747	1723	1.18	cps
Bismuth	209-1	8069714	7105286	7292188	7489063	6.83	cps
Bismuth	209-2	4681496	4712092	4712976	4702188	0.38	cps
Boron	10-1	8203	7577	7694	7825	4.25	cps
Boron	11-1	34064	34115	32853	33677	2.12	cps
Cadmium	111-1	4118	3712	3958	3929	5.20	cps
Cadmium	106-1	3551	2909	3092	3184	10.38	cps
Cadmium	108-1	150	142	171	154	9.75	cps
Calcium	43-1	10321	10262	10354	10312	0.45	cps
Calcium	44-1	175075	176710	175226	175670	0.51	cps
Chromium	52-2	4477	4421	4334	4411	1.64	cps
Cobalt	59-2	3344	3170	3164	3226	3.16	cps
Copper	63-2	4481	4878	4664	4674	4.25	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	50	25	58	44	39.04	cps
Erbium	164-2	23	3	17	14	70.51	cps
Gadolinium	160-1	25	67	25	39	61.86	cps
Gadolinium	160-2	137	123	107	122	12.30	cps
Holmium	165-1	11429433	10151374	10441999	10674268	6.28	cps
Holmium	165-2	6032911	6070006	6114402	6072439	0.67	cps
Indium	115-1	8037119	6990363	7218380	7415287	7.42	cps
Indium	115-2	1640037	1665240	1661589	1655622	0.82	cps
Iron	56-2	95503	94955	95492	95317	0.33	cps
Iron	57-2	2361	2484	2495	2447	3.02	cps
Krypton	83-1	327	267	317	303	10.60	cps
Lead	206-1	6830	6991	6902	6908	1.17	cps
Lead	207-1	5907	5940	6090	5979	1.63	cps
Lead	208-1	27112	27345	27940	27466	1.56	cps
Lithium	6-1	2584627	2327442	2381994	2431354	5.57	cps
Magnesium	24-2	85494	84446	85083	85008	0.62	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	LLOQ-WATER	Instrumnet Name :	P7
Client Sample ID :	LLOQ-WATER	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 15:07:24	DataFile Name :	025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1390	1340	1223	1318	6.49	cps
Molybdenum	94-1	14458	14575	14650	14561	0.66	cps
Molybdenum	95-1	17662	17344	17044	17350	1.78	cps
Molybdenum	96-1	18396	18346	18730	18490	1.13	cps
Molybdenum	97-1	11196	10838	10104	10713	5.20	cps
Molybdenum	98-1	27344	27160	26784	27096	1.05	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	10	0	0	3	173.21	cps
Nickel	60-2	927	920	860	902	4.07	cps
Phosphorus	31-2	242	300	225	256	15.41	cps
Potassium	39-2	90878	90551	89310	90246	0.92	cps
Rhodium	103-1	7257559	6315807	6525194	6699520	7.38	cps
Rhodium	103-2	3330953	3352476	3356313	3346581	0.41	cps
Scandium	45-1	5118682	4439592	4560189	4706154	7.70	cps
Scandium	45-2	214798	214138	217148	215361	0.73	cps
Selenium	77-2	53	57	33	48	26.42	cps
Selenium	78-2	185	159	180	175	7.81	cps
Selenium	82-1	876	886	918	893	2.45	cps
Silicon	28-1	150297	149995	149111	149801	0.41	cps
Silver	109-1	9537	8845	8653	9012	5.16	cps
Silver	107-1	9887	9212	9937	9679	4.19	cps
Sodium	23-2	158697	158842	158259	158599	0.19	cps
Strontium	86-1	2600	2575	2759	2645	3.76	cps
Strontium	88-1	19230	18579	19572	19127	2.64	cps
Sulfur	34-1	270453	269444	270021	269973	0.19	cps
Terbium	159-1	11823586	10410250	10655697	10963178	6.89	cps
Terbium	159-2	5887508	5899528	5975944	5920993	0.81	cps
Thallium	203-1	8445	7486	7736	7889	6.31	cps
Thallium	205-1	19632	19916	19523	19690	1.03	cps
Thorium	232-1	28944	29016	28793	28918	0.39	cps
Tin	118-1	30326	29231	29950	29835	1.86	cps
Titanium	47-1	5026	4984	5234	5082	2.64	cps
Uranium	238-1	28449	28090	28115	28218	0.71	cps
Vanadium	51-2	8399	8276	8182	8286	1.31	cps
Yttrium	89-1	8224485	7267996	7418382	7636954	6.73	cps
Yttrium	89-2	1201447	1202097	1209406	1204317	0.37	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	LLOQ-WATER	Instrumnet Name :	P7
Client Sample ID :	LLOQ-WATER	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 15:07:24	DataFile Name :	025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	837	840	820	832	1.29	cps
Zirconium	90-1	11822	11680	11205	11569	2.79	cps
Zirconium	91-1	2500	2442	2509	2484	1.46	cps

LB Number : LB102841 Operator : Jaswal
 Lab Sample ID : PBS Instrumnet Name : P7
 Client Sample ID : PBS Dilution Factor : 1
 Date & Time Acquired :: 2019-05-17 15:11:01 DataFile Name : 026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	58	0	22	141.99	cps
Antimony	121-1	250	333	292	292	14.29	cps
Arsenic	75-2	7	11	4	7	50.02	cps
Barium	135-1	17	42	17	25	57.73	cps
Barium	137-1	42	33	25	33	25.01	cps
Beryllium	9-1	117	90	100	102	13.18	cps
Bismuth	209-1	7372658	7410150	7393632	7392147	0.25	cps
Bismuth	209-2	4665874	4677736	4715457	4686356	0.55	cps
Boron	10-1	1525	1525	1358	1470	6.55	cps
Boron	11-1	5818	6060	6302	6060	3.99	cps
Cadmium	111-1	2036	2062	2069	2055	0.85	cps
Cadmium	106-1	2900	2925	2959	2928	1.00	cps
Cadmium	108-1	4	4	21	10	98.92	cps
Calcium	43-1	133	58	50	81	56.97	cps
Calcium	44-1	4401	4601	4526	4509	2.24	cps
Chromium	52-2	470	480	477	476	1.07	cps
Cobalt	59-2	63	43	50	52	19.50	cps
Copper	63-2	410	430	457	432	5.42	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	42	25	33	33	25.01	cps
Erbium	164-2	10	17	13	13	25.01	cps
Gadolinium	160-1	50	17	42	36	48.03	cps
Gadolinium	160-2	123	140	140	134	7.15	cps
Holmium	165-1	10464621	10492445	10493210	10483425	0.16	cps
Holmium	165-2	6022498	6006501	6093224	6040741	0.76	cps
Indium	115-1	7397309	7385824	7321342	7368158	0.56	cps
Indium	115-2	1643921	1635288	1659341	1646183	0.74	cps
Iron	56-2	2967	2756	2689	2804	5.17	cps
Iron	57-2	106	111	128	115	10.07	cps
Krypton	83-1	303	213	303	273	19.01	cps
Lead	206-1	372	339	367	359	4.97	cps
Lead	207-1	261	378	339	326	18.23	cps
Lead	208-1	1378	1461	1378	1406	3.42	cps
Lithium	6-1	2420109	2421245	2411531	2417628	0.22	cps
Magnesium	24-2	258	225	183	222	16.91	cps

LB Number : LB102841 Operator : Jaswal
 Lab Sample ID : PBS Instrumnet Name : P7
 Client Sample ID : PBS Dilution Factor : 1
 Date & Time Acquired :: 2019-05-17 15:11:01 DataFile Name : 026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27	23	13	21	32.88	cps
Molybdenum	94-1	283	367	317	322	13.02	cps
Molybdenum	95-1	183	175	142	167	13.23	cps
Molybdenum	96-1	242	283	242	256	9.41	cps
Molybdenum	97-1	125	183	142	150	20.03	cps
Molybdenum	98-1	342	242	325	303	17.70	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	33	33	47	38	20.39	cps
Phosphorus	31-2	83	133	50	89	47.19	cps
Potassium	39-2	12589	12698	12631	12639	0.43	cps
Rhodium	103-1	6692831	6632440	6645220	6656831	0.48	cps
Rhodium	103-2	3328949	3327846	3369649	3342148	0.71	cps
Scandium	45-1	4711159	4677904	4679654	4689572	0.40	cps
Scandium	45-2	214336	214216	217195	215249	0.78	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	41	56	63	53	21.31	cps
Selenium	82-1	102	208	55	121	64.59	cps
Silicon	28-1	109114	109534	108140	108929	0.66	cps
Silver	109-1	92	117	92	100	14.43	cps
Silver	107-1	150	133	125	136	9.35	cps
Sodium	23-2	4384	4534	4534	4484	1.93	cps
Strontium	86-1	517	408	400	442	14.74	cps
Strontium	88-1	67	42	83	64	32.83	cps
Sulfur	34-1	269971	268385	269056	269137	0.30	cps
Terbium	159-1	10791362	10793025	10718110	10767499	0.40	cps
Terbium	159-2	5854618	5842671	5930950	5876080	0.82	cps
Thallium	203-1	258	192	217	222	15.16	cps
Thallium	205-1	492	500	458	483	4.56	cps
Thorium	232-1	561	578	467	535	11.20	cps
Tin	118-1	392	417	433	414	5.07	cps
Titanium	47-1	108	92	117	106	12.06	cps
Uranium	238-1	8	67	0	25	145.31	cps
Vanadium	51-2	0	7	7	4	86.60	cps
Yttrium	89-1	7610985	7593546	7585120	7596550	0.17	cps
Yttrium	89-2	1198587	1198652	1212835	1203358	0.68	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P7
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 15:11:01	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	140	117	133	130	9.24	cps
Zirconium	90-1	650	658	725	678	6.07	cps
Zirconium	91-1	117	100	125	114	11.18	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P7
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 15:14:38	DataFile Name :	027LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	737539	739807	742168	739838	0.31	cps
Antimony	121-1	3523967	3507921	3503829	3511906	0.30	cps
Arsenic	75-2	114171	114580	116228	114993	0.95	cps
Barium	135-1	4741854	4728141	4689297	4719764	0.58	cps
Barium	137-1	8377678	8350069	8294902	8340883	0.51	cps
Beryllium	9-1	848817	847038	832062	842639	1.09	cps
Bismuth	209-1	7090618	6920981	7294957	7102185	2.64	cps
Bismuth	209-2	4399266	4575239	4128348	4367618	5.15	cps
Boron	10-1	129896	132181	134274	132117	1.66	cps
Boron	11-1	572457	589472	591545	584492	1.79	cps
Cadmium	111-1	966546	979033	982976	976185	0.88	cps
Cadmium	106-1	112149	110244	109478	110624	1.24	cps
Cadmium	108-1	76011	74533	75755	75433	1.05	cps
Calcium	43-1	1114968	1104837	1094341	1104715	0.93	cps
Calcium	44-1	18246747	18160518	18001126	18136130	0.69	cps
Chromium	52-2	1004143	1014508	1019211	1012621	0.76	cps
Cobalt	59-2	1584226	1595328	1598534	1592696	0.47	cps
Copper	63-2	2137980	2134040	2141926	2137982	0.18	cps
Dysprosium	156-1	67	100	125	97	30.10	cps
Dysprosium	156-2	127	130	110	122	8.77	cps
Erbium	164-1	50	75	83	69	24.98	cps
Erbium	164-2	13	33	23	23	42.86	cps
Gadolinium	160-1	83	75	25	61	51.63	cps
Gadolinium	160-2	160	143	140	148	7.25	cps
Holmium	165-1	10435936	10144518	10624922	10401792	2.33	cps
Holmium	165-2	5882354	6015041	5478068	5791821	4.83	cps
Indium	115-1	6894036	6623212	7003268	6840172	2.86	cps
Indium	115-2	1509046	1566962	1417211	1497740	5.04	cps
Iron	56-2	44238734	44232982	44447932	44306549	0.28	cps
Iron	57-2	1095057	1103747	1103002	1100602	0.44	cps
Krypton	83-1	313	307	277	299	6.54	cps
Lead	206-1	3524209	3549131	3568870	3547403	0.63	cps
Lead	207-1	3158077	3184947	3119347	3154123	1.05	cps
Lead	208-1	14370395	14408177	14278754	14352442	0.46	cps
Lithium	6-1	2291847	2237087	2319638	2282857	1.84	cps
Magnesium	24-2	8611436	8611446	8739521	8654134	0.85	cps

LB Number : LB102841 Operator : Jaswal
 Lab Sample ID : LCSS Instrumnet Name : P7
 Client Sample ID : LCSS Dilution Factor : 1
 Date & Time Acquired :: 2019-05-17 15:14:38 DataFile Name : 027LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1296669	1307919	1309747	1304778	0.54	cps
Molybdenum	94-1	7070975	7040564	7020253	7043931	0.36	cps
Molybdenum	95-1	8636528	8653473	8549962	8613321	0.64	cps
Molybdenum	96-1	9562907	9616516	9509431	9562951	0.56	cps
Molybdenum	97-1	5323092	5311172	5297875	5310713	0.24	cps
Molybdenum	98-1	13819501	13915648	13768993	13834714	0.54	cps
Neodymium	150-1	360	453	447	420	12.40	cps
Neodymium	150-2	53	63	47	54	15.40	cps
Nickel	60-2	398601	404605	407158	403455	1.09	cps
Phosphorus	31-2	39328	39612	38509	39149	1.46	cps
Potassium	39-2	3991640	4010835	4033341	4011939	0.52	cps
Rhodium	103-1	6019412	5811708	6122133	5984418	2.64	cps
Rhodium	103-2	3030415	3098435	2822445	2983765	4.82	cps
Scandium	45-1	4363093	4233402	4404516	4333671	2.06	cps
Scandium	45-2	199758	205018	187044	197273	4.68	cps
Selenium	77-2	3420	3571	3561	3517	2.38	cps
Selenium	78-2	11970	11859	11716	11848	1.07	cps
Selenium	82-1	72806	72588	71561	72318	0.92	cps
Silicon	28-1	3006330	3085954	3082727	3058337	1.47	cps
Silver	109-1	4205218	4148754	4153415	4169129	0.75	cps
Silver	107-1	4328716	4305283	4292295	4308765	0.43	cps
Sodium	23-2	16182875	16237566	16338027	16252823	0.48	cps
Strontium	86-1	1157762	1163714	1142127	1154534	0.97	cps
Strontium	88-1	10133189	10228879	10034859	10132309	0.96	cps
Sulfur	34-1	639124	638366	637212	638234	0.15	cps
Terbium	159-1	10711349	10280107	10899858	10630438	2.99	cps
Terbium	159-2	5702450	5879509	5329690	5637216	4.98	cps
Thallium	203-1	4368191	4392779	4405159	4388710	0.43	cps
Thallium	205-1	10590463	10575239	10611429	10592377	0.17	cps
Thorium	232-1	16728264	16829573	16713896	16757244	0.38	cps
Tin	118-1	3012552	2994913	3007931	3005132	0.30	cps
Titanium	47-1	2372847	2378260	2351027	2367378	0.61	cps
Uranium	238-1	16394333	16606581	16430830	16477248	0.69	cps
Vanadium	51-2	829668	829870	837003	832180	0.50	cps
Yttrium	89-1	7197844	6996692	7348901	7181146	2.46	cps
Yttrium	89-2	1122451	1154611	1051404	1109489	4.76	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P7
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 15:14:38	DataFile Name :	027LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	366020	361697	364024	363914	0.59	cps
Zirconium	90-1	6076368	5998308	5982763	6019146	0.83	cps
Zirconium	91-1	1331897	1321595	1309657	1321050	0.84	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	LLOQ-SOIL	Instrumnet Name :	P7
Client Sample ID :	LLOQ-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 15:24:56	DataFile Name :	028LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1325	1633	1775	1578	14.58	cps
Antimony	121-1	13507	14091	13799	13799	2.12	cps
Arsenic	75-2	222	200	256	226	12.38	cps
Barium	135-1	17862	17670	17704	17745	0.58	cps
Barium	137-1	31445	30568	30835	30949	1.45	cps
Beryllium	9-1	1750	1617	1663	1677	4.04	cps
Bismuth	209-1	7360770	7254950	7258649	7291456	0.82	cps
Bismuth	209-2	4593270	4592125	4559125	4581507	0.42	cps
Boron	10-1	7719	7752	7894	7788	1.19	cps
Boron	11-1	33897	33989	34148	34011	0.37	cps
Cadmium	111-1	3591	3784	3984	3786	5.19	cps
Cadmium	106-1	2917	2959	3109	2995	3.37	cps
Cadmium	108-1	121	125	150	132	11.95	cps
Calcium	43-1	9979	10095	10521	10198	2.80	cps
Calcium	44-1	170066	170784	169124	169992	0.49	cps
Chromium	52-2	4297	4354	4504	4385	2.44	cps
Cobalt	59-2	3270	3120	3157	3183	2.46	cps
Copper	63-2	4467	4758	4571	4599	3.20	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	10	3	0	4	114.60	cps
Erbium	164-1	25	50	75	50	50.01	cps
Erbium	164-2	10	20	23	18	39.03	cps
Gadolinium	160-1	42	42	33	39	12.38	cps
Gadolinium	160-2	167	97	113	126	29.12	cps
Holmium	165-1	10443998	10424542	10367638	10412060	0.38	cps
Holmium	165-2	5893249	5935608	5871382	5900080	0.55	cps
Indium	115-1	7203303	7171152	7171504	7181986	0.26	cps
Indium	115-2	1605579	1596325	1598611	1600172	0.30	cps
Iron	56-2	94950	94665	94464	94693	0.26	cps
Iron	57-2	2334	2328	2311	2324	0.50	cps
Krypton	83-1	293	270	310	291	6.90	cps
Lead	206-1	6974	6974	6980	6976	0.05	cps
Lead	207-1	5957	5612	6430	6000	6.84	cps
Lead	208-1	27440	26778	27628	27282	1.64	cps
Lithium	6-1	2367703	2345747	2350642	2354697	0.49	cps
Magnesium	24-2	83710	84773	83617	84033	0.76	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	LLOQ-SOIL	Instrumnet Name :	P7
Client Sample ID :	LLOQ-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 15:24:56	DataFile Name :	028LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1277	1207	1427	1303	8.62	cps
Molybdenum	94-1	13857	13615	14124	13866	1.84	cps
Molybdenum	95-1	16502	16535	16452	16496	0.25	cps
Molybdenum	96-1	18955	18588	19189	18910	1.60	cps
Molybdenum	97-1	10888	10196	10362	10482	3.45	cps
Molybdenum	98-1	26484	26884	26951	26773	0.94	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	960	847	917	908	6.30	cps
Phosphorus	31-2	267	242	242	250	5.77	cps
Potassium	39-2	89671	88664	89361	89232	0.58	cps
Rhodium	103-1	6438303	6401429	6450813	6430182	0.40	cps
Rhodium	103-2	3241759	3246157	3243609	3243841	0.07	cps
Scandium	45-1	4496955	4484398	4461312	4480888	0.40	cps
Scandium	45-2	206809	206120	208465	207131	0.58	cps
Selenium	77-2	37	53	30	40	30.04	cps
Selenium	78-2	159	148	196	168	15.02	cps
Selenium	82-1	815	849	776	813	4.44	cps
Silicon	28-1	145317	144045	144931	144765	0.45	cps
Silver	109-1	9770	8703	8194	8889	9.05	cps
Silver	107-1	9545	9362	9112	9340	2.33	cps
Sodium	23-2	155591	156265	154917	155591	0.43	cps
Strontium	86-1	2634	2667	2367	2556	6.43	cps
Strontium	88-1	19005	18104	18521	18543	2.43	cps
Sulfur	34-1	256742	255887	254860	255830	0.37	cps
Terbium	159-1	10700107	10697610	10641455	10679724	0.31	cps
Terbium	159-2	5796940	5762687	5755745	5771791	0.38	cps
Thallium	203-1	7953	7503	8253	7903	4.78	cps
Thallium	205-1	18589	19665	19757	19337	3.36	cps
Thorium	232-1	29679	29523	29177	29460	0.87	cps
Tin	118-1	29424	29048	29223	29231	0.64	cps
Titanium	47-1	4351	4484	4951	4595	6.86	cps
Uranium	238-1	27747	27581	28449	27926	1.65	cps
Vanadium	51-2	8146	8296	8373	8271	1.39	cps
Yttrium	89-1	7434550	7325737	7374234	7378174	0.74	cps
Yttrium	89-2	1169949	1156695	1163791	1163478	0.57	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	LLOQ-SOIL	Instrumnet Name :	P7
Client Sample ID :	LLOQ-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 15:24:56	DataFile Name :	028LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	813	837	743	798	6.09	cps
Zirconium	90-1	11330	11438	11505	11424	0.77	cps
Zirconium	91-1	2317	2375	2575	2423	5.59	cps

LB Number : LB102841 Operator : Jaswal
 Lab Sample ID : PB119429BL Instrumnet Name : P7
 Client Sample ID : PB119429BL Dilution Factor : 1
 Date & Time Acquired :: 2019-05-17 15:28:33 DataFile Name : 029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	100	17	42	121.66	cps
Antimony	121-1	450	358	508	439	17.23	cps
Arsenic	75-2	13	11	6	10	38.99	cps
Barium	135-1	33	83	42	53	50.76	cps
Barium	137-1	58	33	42	44	28.65	cps
Beryllium	9-1	107	103	80	97	15.03	cps
Bismuth	209-1	7358318	7185550	7429211	7324360	1.71	cps
Bismuth	209-2	4412692	4466581	4605726	4495000	2.22	cps
Boron	10-1	1375	1267	1367	1336	4.51	cps
Boron	11-1	6452	6593	6085	6377	4.12	cps
Cadmium	111-1	1882	1861	2108	1950	7.03	cps
Cadmium	106-1	2675	2650	2992	2773	6.87	cps
Cadmium	108-1	4	4	4	4	0.00	cps
Calcium	43-1	75	58	58	64	15.05	cps
Calcium	44-1	4426	4409	4534	4457	1.52	cps
Chromium	52-2	490	550	410	483	14.53	cps
Cobalt	59-2	37	43	23	34	29.57	cps
Copper	63-2	413	403	403	407	1.42	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	17	8	42	22	78.07	cps
Erbium	164-2	17	20	13	17	20.01	cps
Gadolinium	160-1	33	33	8	25	57.74	cps
Gadolinium	160-2	117	157	153	142	15.61	cps
Holmium	165-1	10480749	10225513	10517609	10407957	1.53	cps
Holmium	165-2	5594856	5687282	5892345	5724828	2.66	cps
Indium	115-1	7183337	7081139	7211470	7158649	0.96	cps
Indium	115-2	1524633	1562081	1597841	1561519	2.34	cps
Iron	56-2	2317	2645	2500	2487	6.61	cps
Iron	57-2	111	83	172	122	37.21	cps
Krypton	83-1	277	250	247	258	6.38	cps
Lead	206-1	350	267	406	341	20.52	cps
Lead	207-1	294	222	383	300	26.90	cps
Lead	208-1	1333	1211	1422	1322	8.02	cps
Lithium	6-1	2376849	2352870	2395195	2374971	0.89	cps
Magnesium	24-2	142	250	242	211	28.56	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	PB119429BL	Instrumnet Name :	P7
Client Sample ID :	PB119429BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 15:28:33	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17	17	33	22	43.28	cps
Molybdenum	94-1	417	400	350	389	8.92	cps
Molybdenum	95-1	300	308	275	294	5.89	cps
Molybdenum	96-1	333	308	350	331	6.34	cps
Molybdenum	97-1	242	142	158	181	29.67	cps
Molybdenum	98-1	400	525	442	456	13.97	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	47	33	43	41	16.89	cps
Phosphorus	31-2	108	100	83	97	13.09	cps
Potassium	39-2	13273	12472	13006	12917	3.16	cps
Rhodium	103-1	6469819	6384016	6518791	6457542	1.06	cps
Rhodium	103-2	3090517	3142620	3237485	3156874	2.36	cps
Scandium	45-1	4535521	4447450	4553577	4512182	1.26	cps
Scandium	45-2	199028	203053	208988	203690	2.46	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	30	37	41	36	15.80	cps
Selenium	82-1	105	164	124	131	22.95	cps
Silicon	28-1	107056	105286	106243	106195	0.83	cps
Silver	109-1	108	58	75	81	31.60	cps
Silver	107-1	83	192	150	142	38.57	cps
Sodium	23-2	4376	4092	4109	4192	3.79	cps
Strontium	86-1	533	383	358	425	22.27	cps
Strontium	88-1	125	50	75	83	45.83	cps
Sulfur	34-1	260124	255354	255631	257036	1.04	cps
Terbium	159-1	10717328	10554200	10828555	10700028	1.29	cps
Terbium	159-2	5467223	5547523	5733650	5582799	2.45	cps
Thallium	203-1	250	158	183	197	24.03	cps
Thallium	205-1	433	367	558	453	21.49	cps
Thorium	232-1	867	767	722	785	9.42	cps
Tin	118-1	517	508	475	500	4.41	cps
Titanium	47-1	92	100	108	100	8.33	cps
Uranium	238-1	33	100	25	53	77.89	cps
Vanadium	51-2	3	3	10	6	69.34	cps
Yttrium	89-1	7424935	7323119	7430152	7392735	0.82	cps
Yttrium	89-2	1108348	1135434	1164485	1136089	2.47	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	PB119429BL	Instrumnet Name :	P7
Client Sample ID :	PB119429BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 15:28:33	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	97	87	153	112	32.04	cps
Zirconium	90-1	567	708	575	617	12.89	cps
Zirconium	91-1	158	175	150	161	7.90	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	PB119429BS	Instrumnet Name :	P7
Client Sample ID :	PB119429BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 15:32:10	DataFile Name :	030LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	716843	725100	717522	719822	0.64	cps
Antimony	121-1	3449644	3470823	3445874	3455447	0.39	cps
Arsenic	75-2	112442	112936	112738	112705	0.22	cps
Barium	135-1	4659346	4627597	4617702	4634882	0.47	cps
Barium	137-1	8237768	8191671	8241652	8223697	0.34	cps
Beryllium	9-1	831089	826702	830672	829487	0.29	cps
Bismuth	209-1	6939939	6923493	6957829	6940421	0.25	cps
Bismuth	209-2	4321657	4350182	4363426	4345088	0.49	cps
Boron	10-1	126214	130098	132257	129523	2.36	cps
Boron	11-1	562957	572488	569122	568189	0.85	cps
Cadmium	111-1	969054	962504	953579	961712	0.81	cps
Cadmium	106-1	108833	109068	108740	108880	0.16	cps
Cadmium	108-1	74369	72824	74113	73769	1.12	cps
Calcium	43-1	1083923	1070697	1078645	1077755	0.62	cps
Calcium	44-1	17738016	17720484	17701554	17720018	0.10	cps
Chromium	52-2	996286	996563	996963	996604	0.03	cps
Cobalt	59-2	1542993	1558878	1559994	1553955	0.61	cps
Copper	63-2	2097722	2104979	2111555	2104752	0.33	cps
Dysprosium	156-1	150	150	108	136	17.67	cps
Dysprosium	156-2	103	103	123	110	10.50	cps
Erbium	164-1	58	67	50	58	14.29	cps
Erbium	164-2	43	43	50	46	8.45	cps
Gadolinium	160-1	67	100	92	86	20.15	cps
Gadolinium	160-2	133	207	173	171	21.46	cps
Holmium	165-1	10244270	10176422	10262889	10227860	0.44	cps
Holmium	165-2	5737165	5763830	5778052	5759682	0.36	cps
Indium	115-1	6710462	6764287	6651140	6708630	0.84	cps
Indium	115-2	1469471	1475068	1478662	1474400	0.31	cps
Iron	56-2	43642898	43623101	43660990	43642330	0.04	cps
Iron	57-2	1080016	1080874	1081702	1080864	0.08	cps
Krypton	83-1	250	233	270	251	7.31	cps
Lead	206-1	3502334	3503229	3507853	3504472	0.08	cps
Lead	207-1	3106565	3123795	3130980	3120447	0.40	cps
Lead	208-1	14150124	14243647	14200264	14198012	0.33	cps
Lithium	6-1	2252011	2238108	2233009	2241043	0.44	cps
Magnesium	24-2	8503966	8506338	8509133	8506479	0.03	cps

LB Number : LB102841 Operator : Jaswal
 Lab Sample ID : PB119429BS Instrumnet Name : P7
 Client Sample ID : PB119429BS Dilution Factor : 1
 Date & Time Acquired :: 2019-05-17 15:32:10 DataFile Name : 030LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1279956	1286663	1283646	1283421	0.26	cps
Molybdenum	94-1	6928181	6947019	6948641	6941280	0.16	cps
Molybdenum	95-1	8410697	8389947	8411719	8404121	0.15	cps
Molybdenum	96-1	9334394	9379222	9370610	9361409	0.25	cps
Molybdenum	97-1	5137449	5193176	5186948	5172524	0.59	cps
Molybdenum	98-1	13613518	13505238	13589643	13569466	0.42	cps
Neodymium	150-1	493	500	467	487	3.62	cps
Neodymium	150-2	80	90	63	78	17.32	cps
Nickel	60-2	391813	398010	396363	395395	0.81	cps
Phosphorus	31-2	38242	39144	38167	38517	1.41	cps
Potassium	39-2	3906926	3937548	3951062	3931845	0.58	cps
Rhodium	103-1	5887322	5785166	5783650	5818713	1.02	cps
Rhodium	103-2	2925942	2947529	2949307	2940926	0.44	cps
Scandium	45-1	4190757	4147666	4181701	4173375	0.54	cps
Scandium	45-2	193087	194093	194454	193878	0.37	cps
Selenium	77-2	3547	3380	3544	3490	2.73	cps
Selenium	78-2	11894	11621	11784	11767	1.17	cps
Selenium	82-1	71387	71548	71005	71314	0.39	cps
Silicon	28-1	2902410	2966137	2998379	2955642	1.65	cps
Silver	109-1	4087088	4055416	4014278	4052261	0.90	cps
Silver	107-1	4234360	4190202	4196574	4207045	0.57	cps
Sodium	23-2	16034976	16024355	16067895	16042409	0.14	cps
Strontium	86-1	1131147	1124715	1129127	1128330	0.29	cps
Strontium	88-1	9935213	9918011	9922263	9925162	0.09	cps
Sulfur	34-1	625988	620707	617641	621445	0.68	cps
Terbium	159-1	10408397	10373176	10448192	10409922	0.36	cps
Terbium	159-2	5546598	5625950	5614522	5595690	0.77	cps
Thallium	203-1	4334349	4313280	4361516	4336382	0.56	cps
Thallium	205-1	10555255	10479304	10556108	10530222	0.42	cps
Thorium	232-1	16477743	16439713	16605752	16507736	0.53	cps
Tin	118-1	2944566	2980622	2954323	2959837	0.63	cps
Titanium	47-1	2335250	2300838	2301448	2312512	0.85	cps
Uranium	238-1	16307127	16343567	16233567	16294754	0.34	cps
Vanadium	51-2	813171	814177	818746	815365	0.36	cps
Yttrium	89-1	6948429	6947653	6970117	6955400	0.18	cps
Yttrium	89-2	1088875	1090205	1092739	1090607	0.18	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	PB119429BS	Instrumnet Name :	P7
Client Sample ID :	PB119429BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 15:32:10	DataFile Name :	030LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	369911	365660	369584	368385	0.64	cps
Zirconium	90-1	5915841	5881333	5890312	5895829	0.30	cps
Zirconium	91-1	1308725	1294965	1296000	1299897	0.59	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCV90	Instrumnet Name :	P7
Client Sample ID :	CCV90	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 15:35:46	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3935152	3971377	3953320	3953283	0.46	cps
Antimony	121-1	3230138	3220008	3208773	3219640	0.33	cps
Arsenic	75-2	107735	107324	108016	107692	0.32	cps
Barium	135-1	4467624	4419343	4409870	4432279	0.70	cps
Barium	137-1	7932198	7909481	7849877	7897185	0.54	cps
Beryllium	9-1	793230	790730	785229	789730	0.52	cps
Bismuth	209-1	6138683	6411500	6370947	6307043	2.33	cps
Bismuth	209-2	3831767	3833820	3834502	3833363	0.04	cps
Boron	10-1	132192	130508	130770	131157	0.69	cps
Boron	11-1	569461	574530	579144	574378	0.84	cps
Cadmium	111-1	935819	943483	935595	938299	0.48	cps
Cadmium	106-1	106742	107607	108387	107579	0.77	cps
Cadmium	108-1	71299	72622	71970	71964	0.92	cps
Calcium	43-1	5182096	5155910	5143862	5160622	0.38	cps
Calcium	44-1	84683075	84439481	83886596	84336384	0.48	cps
Chromium	52-2	950213	956379	954676	953756	0.33	cps
Cobalt	59-2	1468286	1480940	1477790	1475672	0.45	cps
Copper	63-2	2128542	2144337	2141686	2138188	0.40	cps
Dysprosium	156-1	167	133	108	136	21.50	cps
Dysprosium	156-2	113	100	90	101	11.58	cps
Erbium	164-1	83	25	17	42	87.18	cps
Erbium	164-2	33	17	53	34	53.29	cps
Gadolinium	160-1	83	117	92	97	17.84	cps
Gadolinium	160-2	140	183	160	161	13.46	cps
Holmium	165-1	9634145	10106222	10086169	9942179	2.69	cps
Holmium	165-2	5425279	5444752	5470930	5446987	0.42	cps
Indium	115-1	6103336	6404268	6354086	6287230	2.56	cps
Indium	115-2	1360460	1355459	1366417	1360779	0.40	cps
Iron	56-2	210383294	212218833	211329044	211310390	0.43	cps
Iron	57-2	5280905	5285994	5298962	5288620	0.18	cps
Krypton	83-1	270	277	237	261	8.21	cps
Lead	206-1	3336648	3323979	3297111	3319246	0.61	cps
Lead	207-1	2959669	2955740	2922537	2945982	0.69	cps
Lead	208-1	13419781	13429005	13355396	13401394	0.30	cps
Lithium	6-1	2034800	2182070	2165046	2127305	3.79	cps
Magnesium	24-2	40176068	40452586	40367774	40332143	0.35	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCV90	Instrumnet Name :	P7
Client Sample ID :	CCV90	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 15:35:46	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1227286	1233645	1235335	1232089	0.34	cps
Molybdenum	94-1	6727138	6730963	6687474	6715191	0.36	cps
Molybdenum	95-1	8100665	8109835	8134130	8114876	0.21	cps
Molybdenum	96-1	9122604	9079517	9080983	9094368	0.27	cps
Molybdenum	97-1	5003541	5006682	5027133	5012452	0.26	cps
Molybdenum	98-1	13072150	13148993	13060086	13093743	0.37	cps
Neodymium	150-1	513	453	547	504	9.38	cps
Neodymium	150-2	80	77	93	83	10.59	cps
Nickel	60-2	366813	366861	367714	367130	0.14	cps
Phosphorus	31-2	35753	36922	35686	36120	1.92	cps
Potassium	39-2	19759482	19746211	19763121	19756271	0.05	cps
Rhodium	103-1	5156539	5394367	5255905	5268937	2.27	cps
Rhodium	103-2	2625392	2633561	2644871	2634608	0.37	cps
Scandium	45-1	4007772	4114776	4065066	4062538	1.32	cps
Scandium	45-2	184571	186774	185469	185605	0.60	cps
Selenium	77-2	3284	3390	3297	3324	1.75	cps
Selenium	78-2	11310	10991	11153	11151	1.43	cps
Selenium	82-1	69001	67669	68224	68298	0.98	cps
Silicon	28-1	2594224	2651380	2626373	2623992	1.09	cps
Silver	109-1	4030275	4010973	3979307	4006852	0.64	cps
Silver	107-1	4204991	4185348	4129010	4173116	0.95	cps
Sodium	23-2	77983743	78207983	77871106	78020944	0.22	cps
Strontium	86-1	1093339	1087568	1086673	1089193	0.33	cps
Strontium	88-1	9737632	9653839	9642440	9677971	0.54	cps
Sulfur	34-1	607895	607834	600242	605324	0.73	cps
Terbium	159-1	9726988	10237791	10201970	10055583	2.84	cps
Terbium	159-2	5244628	5240719	5255548	5246965	0.15	cps
Thallium	203-1	4128545	4113254	4101520	4114440	0.33	cps
Thallium	205-1	10049300	10021241	9883253	9984598	0.89	cps
Thorium	232-1	16222207	16206634	16266751	16231864	0.19	cps
Tin	118-1	2801076	2796970	2780631	2792892	0.39	cps
Titanium	47-1	2257980	2256253	2217561	2243931	1.02	cps
Uranium	238-1	16016588	16111268	16114648	16080835	0.35	cps
Vanadium	51-2	794567	795304	797892	795921	0.22	cps
Yttrium	89-1	6484767	6797277	6721148	6667731	2.44	cps
Yttrium	89-2	1028862	1025510	1032277	1028883	0.33	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCV90	Instrumnet Name :	P7
Client Sample ID :	CCV90	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 15:35:46	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	370278	370201	369102	369860	0.18	cps
Zirconium	90-1	5754650	5771514	5726461	5750875	0.40	cps
Zirconium	91-1	1262918	1256212	1256792	1258641	0.30	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCB90	Instrumnet Name :	P7
Client Sample ID :	CCB90	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 15:43:47	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	75	33	69	48.50	cps
Antimony	121-1	1567	1767	1584	1639	6.77	cps
Arsenic	75-2	9	7	9	9	12.36	cps
Barium	135-1	108	75	58	81	31.60	cps
Barium	137-1	150	158	158	156	3.09	cps
Beryllium	9-1	183	160	160	168	8.03	cps
Bismuth	209-1	7040045	7211960	7328389	7193465	2.02	cps
Bismuth	209-2	4568501	4569418	4559450	4565790	0.12	cps
Boron	10-1	2784	2709	2734	2742	1.39	cps
Boron	11-1	12714	12172	11655	12180	4.35	cps
Cadmium	111-1	1888	1944	2003	1945	2.95	cps
Cadmium	106-1	2642	2742	2800	2728	2.94	cps
Cadmium	108-1	4	13	17	11	57.27	cps
Calcium	43-1	158	158	133	150	9.62	cps
Calcium	44-1	5201	5476	5393	5357	2.63	cps
Chromium	52-2	573	453	540	522	11.86	cps
Cobalt	59-2	67	53	70	63	13.93	cps
Copper	63-2	513	513	447	491	7.84	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	25	33	42	33	25.01	cps
Erbium	164-2	27	17	17	20	28.86	cps
Gadolinium	160-1	17	42	42	33	43.30	cps
Gadolinium	160-2	137	140	193	157	20.30	cps
Holmium	165-1	10015327	10276971	10453624	10248641	2.15	cps
Holmium	165-2	5869944	5886705	5834460	5863703	0.45	cps
Indium	115-1	6940556	7119225	7228829	7096204	2.05	cps
Indium	115-2	1584726	1598745	1591082	1591517	0.44	cps
Iron	56-2	5651	5985	5774	5803	2.91	cps
Iron	57-2	183	194	172	183	6.06	cps
Krypton	83-1	273	290	340	301	11.52	cps
Lead	206-1	489	583	467	513	12.08	cps
Lead	207-1	489	394	467	450	10.97	cps
Lead	208-1	2095	1995	2011	2033	2.63	cps
Lithium	6-1	2359414	2408351	2435797	2401187	1.61	cps
Magnesium	24-2	792	750	692	744	6.75	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCB90	Instrumnet Name :	P7
Client Sample ID :	CCB90	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 15:43:47	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27	67	50	48	42.05	cps
Molybdenum	94-1	733	767	900	800	11.02	cps
Molybdenum	95-1	1000	825	883	903	9.87	cps
Molybdenum	96-1	1083	875	1058	1006	11.31	cps
Molybdenum	97-1	675	475	550	567	17.83	cps
Molybdenum	98-1	1600	1325	1408	1445	9.76	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	37	47	67	50	30.55	cps
Phosphorus	31-2	33	75	100	69	48.50	cps
Potassium	39-2	13440	13123	13073	13212	1.51	cps
Rhodium	103-1	6196767	6376297	6504075	6359046	2.43	cps
Rhodium	103-2	3239363	3245304	3229026	3237898	0.25	cps
Scandium	45-1	4400042	4429362	4544559	4457988	1.71	cps
Scandium	45-2	207478	210125	207428	208344	0.74	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	61	56	43	53	17.90	cps
Selenium	82-1	141	48	54	81	64.39	cps
Silicon	28-1	111555	110355	111865	111259	0.72	cps
Silver	109-1	233	200	142	192	24.21	cps
Silver	107-1	300	217	200	239	22.43	cps
Sodium	23-2	10104	10220	10020	10115	0.99	cps
Strontium	86-1	467	458	508	478	5.61	cps
Strontium	88-1	208	308	208	242	23.89	cps
Sulfur	34-1	258498	257836	258828	258387	0.20	cps
Terbium	159-1	10221374	10685572	10659214	10522053	2.48	cps
Terbium	159-2	5744284	5789720	5695707	5743237	0.82	cps
Thallium	203-1	383	433	492	436	12.43	cps
Thallium	205-1	1133	892	1025	1017	11.91	cps
Thorium	232-1	3139	3495	3384	3339	5.45	cps
Tin	118-1	967	792	917	892	10.11	cps
Titanium	47-1	192	125	175	164	21.17	cps
Uranium	238-1	183	250	183	206	18.72	cps
Vanadium	51-2	13	13	17	14	13.35	cps
Yttrium	89-1	7137370	7347533	7421977	7302293	2.02	cps
Yttrium	89-2	1157706	1174979	1159246	1163977	0.82	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCB90	Instrumnet Name :	P7
Client Sample ID :	CCB90	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 15:43:47	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	200	177	163	180	10.31	cps
Zirconium	90-1	725	983	733	814	18.04	cps
Zirconium	91-1	292	217	208	239	19.21	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2551-11DLREX20	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDLRE	Dilution Factor :	20
Date & Time Acquired ::	2019-05-17 15:47:59	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	412544	412368	412757	412556	0.05	cps
Antimony	121-1	115036	112004	116313	114451	1.93	cps
Arsenic	75-2	5099	5564	5451	5371	4.51	cps
Barium	135-1	805044	801984	838170	815066	2.46	cps
Barium	137-1	1409828	1389756	1453797	1417794	2.31	cps
Beryllium	9-1	160113	156748	162541	159801	1.82	cps
Bismuth	209-1	7335785	7420861	1230911	5329185	66.60	cps
Bismuth	209-2	4549639	4444870	4449027	4481179	1.32	cps
Boron	10-1	42469	41542	43547	42519	2.36	cps
Boron	11-1	187712	184723	194876	189104	2.76	cps
Cadmium	111-1	190073	186758	192159	189663	1.44	cps
Cadmium	106-1	19848	19172	17804	18941	5.50	cps
Cadmium	108-1	12994	12418	13177	12863	3.08	cps
Calcium	43-1	233770	226814	238461	233015	2.51	cps
Calcium	44-1	3822675	3725352	3914532	3820853	2.48	cps
Chromium	52-2	220795	222477	220862	221378	0.43	cps
Cobalt	59-2	444249	447669	443757	445225	0.48	cps
Copper	63-2	222742	225392	223628	223921	0.60	cps
Dysprosium	156-1	15293	13991	14750	14678	4.45	cps
Dysprosium	156-2	7272	7566	7866	7568	3.92	cps
Erbium	164-1	9362	8795	9729	9295	5.06	cps
Erbium	164-2	4794	4698	4744	4745	1.02	cps
Gadolinium	160-1	11005	10680	11055	10913	1.87	cps
Gadolinium	160-2	6698	6962	6942	6867	2.14	cps
Holmium	165-1	10617951	10604256	1818159	7680122	66.10	cps
Holmium	165-2	5981949	5725914	5808762	5838875	2.24	cps
Indium	115-1	7231848	7314426	1245879	5264051	66.11	cps
Indium	115-2	1583908	1531259	1541729	1552298	1.80	cps
Iron	56-2	14382583	14467657	14348550	14399597	0.43	cps
Iron	57-2	351863	352443	353999	352768	0.31	cps
Krypton	83-1	303	290	280	291	4.02	cps
Lead	206-1	563964	560559	587241	570588	2.55	cps
Lead	207-1	483131	471239	497061	483810	2.67	cps
Lead	208-1	2215713	2188806	2318641	2241053	3.06	cps
Lithium	6-1	2505458	2508688	504949	1839698	62.83	cps
Magnesium	24-2	633622	632943	629435	632000	0.36	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2551-11DLREX20	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDLRE	Dilution Factor :	20
Date & Time Acquired ::	2019-05-17 15:47:59	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	379035	382404	376138	379192	0.83	cps
Molybdenum	94-1	189632	191828	197001	192820	1.96	cps
Molybdenum	95-1	318199	309950	325951	318033	2.52	cps
Molybdenum	96-1	342732	336055	354205	344331	2.67	cps
Molybdenum	97-1	197990	195599	206220	199936	2.79	cps
Molybdenum	98-1	514036	509064	519594	514231	1.02	cps
Neodymium	150-1	23334	23881	24896	24037	3.30	cps
Neodymium	150-2	9930	10481	10127	10179	2.74	cps
Nickel	60-2	23169	23553	23075	23265	1.09	cps
Phosphorus	31-2	1650	1750	1667	1689	3.17	cps
Potassium	39-2	186971	191699	188541	189071	1.27	cps
Rhodium	103-1	6468890	6465431	1130541	4688287	65.72	cps
Rhodium	103-2	3215276	3106006	3136789	3152690	1.79	cps
Scandium	45-1	4586353	4643833	885478	3371888	63.87	cps
Scandium	45-2	208396	201075	203288	204253	1.84	cps
Selenium	77-2	1203	1283	1347	1278	5.62	cps
Selenium	78-2	4334	4438	4282	4351	1.82	cps
Selenium	82-1	26761	26615	26812	26730	0.38	cps
Silicon	28-1	5882651	5737868	6009596	5876705	2.31	cps
Silver	109-1	399662	385101	410238	398333	3.17	cps
Silver	107-1	404603	402234	419679	408839	2.31	cps
Sodium	23-2	144305	146079	144868	145084	0.62	cps
Strontium	86-1	383610	376385	394825	384940	2.41	cps
Strontium	88-1	3386885	3294464	3473417	3384922	2.64	cps
Sulfur	34-1	234923	227292	220356	227524	3.20	cps
Terbium	159-1	10774831	10954599	1858399	7862610	66.14	cps
Terbium	159-2	5817541	5615870	5670886	5701432	1.83	cps
Thallium	203-1	948517	931908	977686	952704	2.43	cps
Thallium	205-1	2272974	2247441	2352401	2290939	2.39	cps
Thorium	232-1	111983	110805	116023	112937	2.42	cps
Tin	118-1	440403	435724	454121	443416	2.16	cps
Titanium	47-1	256986	252743	261305	257011	1.67	cps
Uranium	238-1	595194	591206	624546	603649	3.02	cps
Vanadium	51-2	228289	229432	228952	228891	0.25	cps
Yttrium	89-1	7602255	7572274	1416537	5530355	64.42	cps
Yttrium	89-2	1169056	1137467	1143074	1149865	1.47	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2551-11DLREX20	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDLRE	Dilution Factor :	20
Date & Time Acquired ::	2019-05-17 15:47:59	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	127245	130537	128543	128775	1.29	cps
Zirconium	90-1	30742	30008	31719	30823	2.79	cps
Zirconium	91-1	6477	6744	6860	6693	2.94	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2551-11DL3X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL3	Dilution Factor :	10
Date & Time Acquired ::	2019-05-17 15:51:35	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	802665	786964	789519	793049	1.06	cps
Antimony	121-1	219911	219331	217892	219045	0.47	cps
Arsenic	75-2	10550	10737	10500	10596	1.18	cps
Barium	135-1	1563594	1548966	1556212	1556257	0.47	cps
Barium	137-1	2755799	2754752	2733528	2748026	0.46	cps
Beryllium	9-1	295452	295775	291854	294360	0.74	cps
Bismuth	209-1	7057428	7101873	7143311	7100871	0.60	cps
Bismuth	209-2	4350333	4373638	4381122	4368364	0.37	cps
Boron	10-1	78043	79869	78822	78912	1.16	cps
Boron	11-1	340793	346207	346506	344502	0.93	cps
Cadmium	111-1	357889	358810	358064	358254	0.14	cps
Cadmium	106-1	33942	34552	34426	34306	0.94	cps
Cadmium	108-1	24200	23912	24183	24099	0.67	cps
Calcium	43-1	435939	437433	436369	436580	0.18	cps
Calcium	44-1	7190424	7198175	7190270	7192956	0.06	cps
Chromium	52-2	427934	430405	428032	428790	0.33	cps
Cobalt	59-2	863268	862374	851008	858883	0.80	cps
Copper	63-2	433143	431835	430253	431744	0.34	cps
Dysprosium	156-1	27587	27236	28063	27629	1.50	cps
Dysprosium	156-2	14721	14645	15182	14849	1.96	cps
Erbium	164-1	17879	16970	16961	17270	3.05	cps
Erbium	164-2	9113	9423	9387	9308	1.82	cps
Gadolinium	160-1	21568	21459	21685	21571	0.52	cps
Gadolinium	160-2	12786	12479	13170	12812	2.70	cps
Holmium	165-1	10293285	10273572	10211661	10259506	0.42	cps
Holmium	165-2	5664538	5687474	5643479	5665164	0.39	cps
Indium	115-1	6860914	6900499	6843673	6868362	0.42	cps
Indium	115-2	1494552	1486118	1488810	1489827	0.29	cps
Iron	56-2	27984345	27599408	27515038	27699597	0.90	cps
Iron	57-2	690939	685440	676918	684432	1.03	cps
Krypton	83-1	297	260	303	287	8.14	cps
Lead	206-1	1116567	1107312	1115443	1113107	0.45	cps
Lead	207-1	933281	936650	935257	935062	0.18	cps
Lead	208-1	4339002	4330001	4357814	4342272	0.33	cps
Lithium	6-1	2395434	2382121	2370308	2382621	0.53	cps
Magnesium	24-2	1214868	1207534	1200571	1207658	0.59	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2551-11DL3X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL3	Dilution Factor :	10
Date & Time Acquired ::	2019-05-17 15:51:35	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	735092	731947	727245	731428	0.54	cps
Molybdenum	94-1	364445	369101	370865	368137	0.90	cps
Molybdenum	95-1	609593	606531	614901	610342	0.69	cps
Molybdenum	96-1	658261	659350	658570	658727	0.09	cps
Molybdenum	97-1	382409	385541	384892	384281	0.43	cps
Molybdenum	98-1	985820	983714	984915	984816	0.11	cps
Neodymium	150-1	45964	45422	46271	45886	0.94	cps
Neodymium	150-2	19771	20158	19811	19914	1.07	cps
Nickel	60-2	44675	45511	44662	44949	1.08	cps
Phosphorus	31-2	2975	2759	2900	2878	3.82	cps
Potassium	39-2	349378	346662	349743	348595	0.48	cps
Rhodium	103-1	6085681	6112067	6084079	6093943	0.26	cps
Rhodium	103-2	3033073	3047770	3026719	3035854	0.36	cps
Scandium	45-1	4287438	4303701	4277197	4289445	0.31	cps
Scandium	45-2	195542	195319	195518	195460	0.06	cps
Selenium	77-2	2444	2430	2407	2427	0.77	cps
Selenium	78-2	8128	8082	8225	8145	0.89	cps
Selenium	82-1	51341	50725	50371	50812	0.97	cps
Silicon	28-1	10884550	10835648	10740953	10820384	0.67	cps
Silver	109-1	752312	756183	751612	753369	0.33	cps
Silver	107-1	782416	779400	783301	781706	0.26	cps
Sodium	23-2	273313	273322	270424	272353	0.61	cps
Strontium	86-1	729876	729654	730738	730089	0.08	cps
Strontium	88-1	6464574	6431553	6471344	6455824	0.33	cps
Sulfur	34-1	212494	211904	205087	209828	1.96	cps
Terbium	159-1	10472860	10410456	10470539	10451285	0.34	cps
Terbium	159-2	5550626	5534450	5537769	5540948	0.15	cps
Thallium	203-1	1863906	1852389	1855782	1857359	0.32	cps
Thallium	205-1	4512903	4465654	4452114	4476890	0.71	cps
Thorium	232-1	223535	224417	223796	223916	0.20	cps
Tin	118-1	847580	851138	855667	851462	0.48	cps
Titanium	47-1	480409	482109	482301	481606	0.22	cps
Uranium	238-1	1195278	1187298	1185546	1189374	0.44	cps
Vanadium	51-2	443402	443329	444097	443609	0.10	cps
Yttrium	89-1	7280120	7302642	7297113	7293292	0.16	cps
Yttrium	89-2	1129489	1128135	1121912	1126512	0.36	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2551-11DL3X10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL3	Dilution Factor :	10
Date & Time Acquired ::	2019-05-17 15:51:35	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	247079	247458	246560	247032	0.18	cps
Zirconium	90-1	55969	57851	56170	56663	1.82	cps
Zirconium	91-1	12656	12347	12339	12448	1.45	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2551-11DL4X20	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL4	Dilution Factor :	20
Date & Time Acquired ::	2019-05-17 15:55:11	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	399550	395222	394354	396375	0.70	cps
Antimony	121-1	108736	110281	109685	109568	0.71	cps
Arsenic	75-2	5194	5340	5384	5306	1.88	cps
Barium	135-1	773205	784508	782809	780174	0.78	cps
Barium	137-1	1373971	1357924	1374120	1368672	0.68	cps
Beryllium	9-1	144967	144771	143847	144528	0.41	cps
Bismuth	209-1	7130314	7138601	7213088	7160668	0.64	cps
Bismuth	209-2	4405422	4413919	4446396	4421912	0.49	cps
Boron	10-1	41173	40380	41884	41146	1.83	cps
Boron	11-1	178760	181280	183098	181046	1.20	cps
Cadmium	111-1	182267	180894	182469	181877	0.47	cps
Cadmium	106-1	18429	18555	19072	18685	1.82	cps
Cadmium	108-1	11930	11955	11718	11868	1.10	cps
Calcium	43-1	215389	213276	220691	216452	1.76	cps
Calcium	44-1	3546606	3555287	3567617	3556503	0.30	cps
Chromium	52-2	216480	215886	216275	216214	0.14	cps
Cobalt	59-2	433231	432868	436341	434147	0.44	cps
Copper	63-2	221383	218821	218838	219681	0.67	cps
Dysprosium	156-1	14150	13532	13674	13785	2.35	cps
Dysprosium	156-2	7132	7415	7322	7290	1.98	cps
Erbium	164-1	8586	8436	9187	8737	4.54	cps
Erbium	164-2	4651	4611	4601	4621	0.57	cps
Gadolinium	160-1	10446	10137	10738	10441	2.88	cps
Gadolinium	160-2	6315	6278	6415	6336	1.12	cps
Holmium	165-1	10082198	10263008	10358752	10234653	1.37	cps
Holmium	165-2	5692586	5696841	5735438	5708288	0.41	cps
Indium	115-1	6920178	6896575	6966458	6927737	0.51	cps
Indium	115-2	1520523	1521924	1521081	1521176	0.05	cps
Iron	56-2	14034293	14025771	13962995	14007686	0.28	cps
Iron	57-2	344706	345142	342522	344123	0.41	cps
Krypton	83-1	293	293	263	283	6.11	cps
Lead	206-1	555900	560248	561211	559120	0.51	cps
Lead	207-1	470576	468309	476230	471705	0.86	cps
Lead	208-1	2174958	2177391	2186812	2179720	0.29	cps
Lithium	6-1	2277552	2277241	2285565	2280119	0.21	cps
Magnesium	24-2	611751	608906	603622	608093	0.68	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2551-11DL4X20	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL4	Dilution Factor :	20
Date & Time Acquired ::	2019-05-17 15:55:11	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	372674	369407	368546	370209	0.59	cps
Molybdenum	94-1	180470	180896	185040	182135	1.39	cps
Molybdenum	95-1	302661	301623	305504	303263	0.66	cps
Molybdenum	96-1	325368	327792	328303	327154	0.48	cps
Molybdenum	97-1	189856	192272	191122	191084	0.63	cps
Molybdenum	98-1	493268	486906	492547	490907	0.71	cps
Neodymium	150-1	23046	22499	23781	23109	2.78	cps
Neodymium	150-2	9694	9794	9660	9716	0.71	cps
Nickel	60-2	23038	23112	23242	23131	0.45	cps
Phosphorus	31-2	1492	1550	1500	1514	2.08	cps
Potassium	39-2	180232	179406	182140	180593	0.78	cps
Rhodium	103-1	6096985	6096865	6188520	6127457	0.86	cps
Rhodium	103-2	3089042	3085310	3095617	3089990	0.17	cps
Scandium	45-1	4258454	4238902	4291220	4262859	0.62	cps
Scandium	45-2	197597	196403	198625	197542	0.56	cps
Selenium	77-2	1387	1307	1337	1343	3.01	cps
Selenium	78-2	4230	4371	4427	4343	2.33	cps
Selenium	82-1	25441	25211	26099	25583	1.80	cps
Silicon	28-1	5395198	5399400	5438164	5410921	0.44	cps
Silver	109-1	371657	373111	377922	374230	0.88	cps
Silver	107-1	392206	389696	391275	391059	0.32	cps
Sodium	23-2	141487	140580	141681	141249	0.42	cps
Strontium	86-1	362929	366106	363885	364307	0.45	cps
Strontium	88-1	3186005	3222456	3210772	3206411	0.58	cps
Sulfur	34-1	200513	197431	198185	198710	0.81	cps
Terbium	159-1	10337495	10424294	10488914	10416901	0.73	cps
Terbium	159-2	5527274	5572615	5576835	5558908	0.49	cps
Thallium	203-1	923390	935740	935063	931398	0.75	cps
Thallium	205-1	2221010	2239303	2259548	2239954	0.86	cps
Thorium	232-1	111108	112801	112055	111988	0.76	cps
Tin	118-1	425866	424853	428145	426288	0.40	cps
Titanium	47-1	239599	238623	239344	239189	0.21	cps
Uranium	238-1	596392	599272	587883	594516	1.00	cps
Vanadium	51-2	224044	224231	222440	223572	0.44	cps
Yttrium	89-1	7134051	7201094	7250501	7195215	0.81	cps
Yttrium	89-2	1114062	1110848	1119293	1114734	0.38	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2551-11DL4X20	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL4	Dilution Factor :	20
Date & Time Acquired ::	2019-05-17 15:55:11	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	124922	126855	126106	125961	0.77	cps
Zirconium	90-1	27761	27995	28204	27987	0.79	cps
Zirconium	91-1	6243	6135	6418	6266	2.28	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2551-11DL2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	5
Date & Time Acquired ::	2019-05-17 15:58:48	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1516285	1522124	1501927	1513445	0.69	cps
Antimony	121-1	431882	428613	430504	430333	0.38	cps
Arsenic	75-2	20157	20414	20121	20231	0.79	cps
Barium	135-1	3081831	3103138	3096179	3093716	0.35	cps
Barium	137-1	5405680	5413524	5396980	5405395	0.15	cps
Beryllium	9-1	555277	549786	548229	551097	0.67	cps
Bismuth	209-1	7066244	7105559	7168161	7113321	0.72	cps
Bismuth	209-2	4398046	4440834	4399096	4412658	0.55	cps
Boron	10-1	146000	148287	148253	147513	0.89	cps
Boron	11-1	640450	658618	658632	652567	1.61	cps
Cadmium	111-1	704032	703109	704743	703961	0.12	cps
Cadmium	106-1	65938	63945	65502	65128	1.61	cps
Cadmium	108-1	46443	46848	45611	46301	1.36	cps
Calcium	43-1	856263	845667	846721	849550	0.69	cps
Calcium	44-1	13964697	13936213	13880929	13927280	0.31	cps
Chromium	52-2	833517	833647	822730	829965	0.75	cps
Cobalt	59-2	1673046	1668341	1663285	1668224	0.29	cps
Copper	63-2	837160	837613	829468	834747	0.55	cps
Dysprosium	156-1	54225	54258	55188	54557	1.00	cps
Dysprosium	156-2	28817	29338	29251	29135	0.96	cps
Erbium	164-1	35548	34937	35171	35219	0.87	cps
Erbium	164-2	18756	18813	18359	18643	1.33	cps
Gadolinium	160-1	42266	43052	42325	42548	1.03	cps
Gadolinium	160-2	25283	25634	25344	25420	0.74	cps
Holmium	165-1	10225278	10314834	10347445	10295852	0.61	cps
Holmium	165-2	5722631	5751091	5747633	5740452	0.27	cps
Indium	115-1	6817212	6797025	6788012	6800750	0.22	cps
Indium	115-2	1475130	1500024	1484077	1486410	0.85	cps
Iron	56-2	53851244	54168178	53308160	53775860	0.81	cps
Iron	57-2	1327932	1331568	1323605	1327702	0.30	cps
Krypton	83-1	340	393	287	340	15.69	cps
Lead	206-1	2193233	2181216	2198077	2190842	0.40	cps
Lead	207-1	1880443	1868897	1866839	1872060	0.39	cps
Lead	208-1	8641197	8611536	8622500	8625078	0.17	cps
Lithium	6-1	2429836	2414581	2410534	2418317	0.42	cps
Magnesium	24-2	2335342	2339050	2289965	2321452	1.18	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2551-11DL2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	5
Date & Time Acquired ::	2019-05-17 15:58:48	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1423231	1430973	1410962	1421722	0.71	cps
Molybdenum	94-1	721285	721898	723049	722077	0.12	cps
Molybdenum	95-1	1205709	1194243	1199266	1199740	0.48	cps
Molybdenum	96-1	1298707	1291254	1296084	1295349	0.29	cps
Molybdenum	97-1	753118	746477	756966	752187	0.71	cps
Molybdenum	98-1	1959032	1933020	1945108	1945720	0.67	cps
Neodymium	150-1	89772	91013	90040	90275	0.72	cps
Neodymium	150-2	38958	38500	38885	38781	0.63	cps
Nickel	60-2	87261	87794	86514	87190	0.74	cps
Phosphorus	31-2	5501	6293	5643	5812	7.27	cps
Potassium	39-2	668298	664372	657860	663510	0.79	cps
Rhodium	103-1	6055378	5999169	6014660	6023069	0.48	cps
Rhodium	103-2	3020147	3057676	3052619	3043480	0.67	cps
Scandium	45-1	4247277	4182546	4219379	4216401	0.77	cps
Scandium	45-2	195630	198453	196804	196962	0.72	cps
Selenium	77-2	4924	4951	4911	4929	0.41	cps
Selenium	78-2	15874	16070	15518	15820	1.77	cps
Selenium	82-1	99145	98955	98003	98701	0.62	cps
Silicon	28-1	20745043	20460175	20580813	20595344	0.69	cps
Silver	109-1	1474023	1472227	1471681	1472644	0.08	cps
Silver	107-1	1526345	1520521	1521189	1522685	0.21	cps
Sodium	23-2	524768	524465	519154	522796	0.60	cps
Strontium	86-1	1456345	1450340	1448173	1451619	0.29	cps
Strontium	88-1	12800869	12886184	12654140	12780397	0.92	cps
Sulfur	34-1	202499	200352	196480	199777	1.53	cps
Terbium	159-1	10495970	10507567	10586660	10530066	0.47	cps
Terbium	159-2	5556093	5628130	5642876	5609033	0.83	cps
Thallium	203-1	3697748	3691695	3717476	3702306	0.36	cps
Thallium	205-1	8975719	8938469	9075505	8996564	0.79	cps
Thorium	232-1	446594	446449	447854	446966	0.17	cps
Tin	118-1	1690536	1687595	1680781	1686304	0.30	cps
Titanium	47-1	945918	932833	927522	935424	1.01	cps
Uranium	238-1	2370819	2376722	2380475	2376005	0.20	cps
Vanadium	51-2	862131	866312	858256	862233	0.47	cps
Yttrium	89-1	7447403	7409828	7405343	7420858	0.31	cps
Yttrium	89-2	1147389	1153699	1141990	1147693	0.51	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2551-11DL2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	5
Date & Time Acquired ::	2019-05-17 15:58:48	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	472988	473332	470084	472135	0.38	cps
Zirconium	90-1	107847	108022	110273	108714	1.24	cps
Zirconium	91-1	25131	25064	25073	25089	0.15	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2551-11	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 16:02:24	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6522800	6373314	6371336	6422483	1.35	cps
Antimony	121-1	1991757	2005037	2018320	2005038	0.66	cps
Arsenic	75-2	86999	85114	85097	85736	1.28	cps
Barium	135-1	15008730	15200454	15342015	15183733	1.10	cps
Barium	137-1	26226044	26598334	26644838	26489739	0.87	cps
Beryllium	9-1	2313879	2279884	2266498	2286754	1.07	cps
Bismuth	209-1	6760447	6826436	6851978	6812953	0.69	cps
Bismuth	209-2	4014595	3999738	4032104	4015479	0.40	cps
Boron	10-1	624173	624058	626028	624753	0.18	cps
Boron	11-1	2822774	2833000	2865321	2840365	0.78	cps
Cadmium	111-1	3131073	3155776	3152665	3146505	0.43	cps
Cadmium	106-1	285158	288534	284061	285918	0.82	cps
Cadmium	108-1	207418	207290	209933	208214	0.72	cps
Calcium	43-1	3857345	3822537	3820499	3833460	0.54	cps
Calcium	44-1	62616606	62884270	63014083	62838319	0.32	cps
Chromium	52-2	3668750	3605629	3620410	3631596	0.91	cps
Cobalt	59-2	7404304	7341685	7332465	7359485	0.53	cps
Copper	63-2	3606859	3571722	3574603	3584395	0.54	cps
Dysprosium	156-1	261795	263096	260145	261679	0.57	cps
Dysprosium	156-2	133867	134193	135103	134387	0.48	cps
Erbium	164-1	170655	170732	171793	171060	0.37	cps
Erbium	164-2	88441	87440	87903	87928	0.57	cps
Gadolinium	160-1	202445	207223	204468	204712	1.17	cps
Gadolinium	160-2	119838	120809	119811	120153	0.47	cps
Holmium	165-1	9933453	10175094	10213794	10107447	1.50	cps
Holmium	165-2	5391321	5386963	5404358	5394214	0.17	cps
Indium	115-1	6106823	6155051	6225939	6162604	0.97	cps
Indium	115-2	1262183	1256567	1259500	1259416	0.22	cps
Iron	56-2	236099600	233132855	232301977	233844811	0.85	cps
Iron	57-2	5954988	5894711	5925324	5925008	0.51	cps
Krypton	83-1	537	490	463	497	7.47	cps
Lead	206-1	10613027	10759984	10826699	10733237	1.02	cps
Lead	207-1	8933611	9165503	9270204	9123106	1.89	cps
Lead	208-1	41615498	42187133	42713900	42172177	1.30	cps
Lithium	6-1	3146419	3106722	3088010	3113717	0.96	cps
Magnesium	24-2	10106148	9979224	9913765	9999712	0.98	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2551-11	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 16:02:24	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6326239	6227190	6241768	6265065	0.85	cps
Molybdenum	94-1	3376922	3386990	3366662	3376858	0.30	cps
Molybdenum	95-1	5723802	5708293	5750129	5727408	0.37	cps
Molybdenum	96-1	6155668	6197096	6179509	6177425	0.34	cps
Molybdenum	97-1	3507998	3519112	3548574	3525228	0.59	cps
Molybdenum	98-1	9259263	9267706	9362805	9296592	0.62	cps
Neodymium	150-1	436556	437121	446167	439948	1.23	cps
Neodymium	150-2	181016	181783	183127	181975	0.59	cps
Nickel	60-2	373891	371941	371259	372364	0.37	cps
Phosphorus	31-2	23461	23619	23152	23411	1.02	cps
Potassium	39-2	2814888	2776688	2798409	2796662	0.69	cps
Rhodium	103-1	5345423	5413674	5361982	5373693	0.66	cps
Rhodium	103-2	2632884	2618959	2640583	2630809	0.42	cps
Scandium	45-1	4047866	4034801	4026940	4036536	0.26	cps
Scandium	45-2	179672	175836	177148	177552	1.10	cps
Selenium	77-2	19243	19510	19136	19296	1.00	cps
Selenium	78-2	64877	63890	64067	64278	0.82	cps
Selenium	82-1	422380	420018	421063	421154	0.28	cps
Silicon	28-1	90341487	89177525	88411594	89310202	1.09	cps
Silver	109-1	6756357	6804588	6838820	6799922	0.61	cps
Silver	107-1	6980855	6995371	7062917	7013048	0.62	cps
Sodium	23-2	2240557	2202141	2189112	2210603	1.21	cps
Strontium	86-1	6835925	6842142	6876051	6851373	0.32	cps
Strontium	88-1	59916924	59770960	59833518	59840467	0.12	cps
Sulfur	34-1	211186	203859	200404	205150	2.68	cps
Terbium	159-1	10083495	10308555	10446477	10279509	1.78	cps
Terbium	159-2	5230864	5222182	5266995	5240014	0.45	cps
Thallium	203-1	18266554	18543254	18798951	18536253	1.44	cps
Thallium	205-1	43360184	43790168	44340518	43830290	1.12	cps
Thorium	232-1	2200429	2224767	2281665	2235620	1.86	cps
Tin	118-1	7985398	8022831	8158994	8055741	1.13	cps
Titanium	47-1	4247842	4205421	4209714	4220992	0.55	cps
Uranium	238-1	11987535	12012660	12346177	12115457	1.65	cps
Vanadium	51-2	3807289	3765645	3779056	3783996	0.56	cps
Yttrium	89-1	8300503	8337985	8281711	8306733	0.34	cps
Yttrium	89-2	1232655	1212244	1218910	1221270	0.85	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2551-11	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 16:02:24	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1929218	1905783	1905195	1913399	0.72	cps
Zirconium	90-1	505289	505297	510180	506922	0.56	cps
Zirconium	91-1	114741	116194	116403	115779	0.78	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2551-11DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	2
Date & Time Acquired ::	2019-05-17 16:09:58	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3188884	3174704	3147925	3170505	0.66	cps
Antimony	121-1	1025228	1013970	1024541	1021246	0.62	cps
Arsenic	75-2	44423	44358	43623	44135	1.01	cps
Barium	135-1	7545201	7599678	7612007	7585629	0.47	cps
Barium	137-1	13216224	13264201	13245702	13242042	0.18	cps
Beryllium	9-1	1137962	1125352	1125103	1129472	0.65	cps
Bismuth	209-1	6897971	6916808	6960630	6925136	0.46	cps
Bismuth	209-2	4101762	4093600	4373882	4189748	3.81	cps
Boron	10-1	301033	309259	310843	307045	1.72	cps
Boron	11-1	1370751	1401560	1393665	1388659	1.15	cps
Cadmium	111-1	1623850	1628319	1636855	1629675	0.41	cps
Cadmium	106-1	147638	147814	146920	147457	0.32	cps
Cadmium	108-1	107634	107235	108084	107651	0.39	cps
Calcium	43-1	1881120	1866658	1866686	1871488	0.45	cps
Calcium	44-1	30949274	30899116	30820318	30889569	0.21	cps
Chromium	52-2	1828160	1823401	1802409	1817990	0.75	cps
Cobalt	59-2	3678705	3684532	3640423	3667887	0.65	cps
Copper	63-2	1836975	1838839	1829001	1834939	0.28	cps
Dysprosium	156-1	129391	129675	131121	130062	0.71	cps
Dysprosium	156-2	67863	69002	68222	68362	0.85	cps
Erbium	164-1	84243	86004	86960	85736	1.61	cps
Erbium	164-2	44345	43834	43944	44041	0.61	cps
Gadolinium	160-1	102852	103582	103615	103350	0.42	cps
Gadolinium	160-2	59850	58926	59870	59549	0.91	cps
Holmium	165-1	10022465	10123600	10253255	10133107	1.14	cps
Holmium	165-2	5403355	5441993	5762929	5536092	3.57	cps
Indium	115-1	6327479	6329211	6366251	6340980	0.35	cps
Indium	115-2	1303584	1315275	1397737	1338865	3.83	cps
Iron	56-2	118372280	117755347	117110547	117746058	0.54	cps
Iron	57-2	2941755	2912974	2888874	2914535	0.91	cps
Krypton	83-1	423	367	413	401	7.54	cps
Lead	206-1	5355879	5393085	5420646	5389870	0.60	cps
Lead	207-1	4551311	4575206	4630782	4585766	0.89	cps
Lead	208-1	21216777	21365419	21493050	21358415	0.65	cps
Lithium	6-1	2392256	2383946	2375542	2383915	0.35	cps
Magnesium	24-2	5006710	4978391	4964134	4983079	0.43	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2551-11DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	2
Date & Time Acquired ::	2019-05-17 16:09:58	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3111420	3103797	3081581	3098933	0.50	cps
Molybdenum	94-1	1676703	1683931	1692331	1684322	0.46	cps
Molybdenum	95-1	2819559	2820790	2805083	2815144	0.31	cps
Molybdenum	96-1	3030846	3036943	3048181	3038657	0.29	cps
Molybdenum	97-1	1755754	1764851	1763927	1761511	0.28	cps
Molybdenum	98-1	4580887	4558341	4570439	4569889	0.25	cps
Neodymium	150-1	218816	220754	221060	220210	0.55	cps
Neodymium	150-2	92420	92027	90987	91812	0.81	cps
Nickel	60-2	191524	191520	188960	190668	0.78	cps
Phosphorus	31-2	12672	11680	11913	12089	4.29	cps
Potassium	39-2	1396354	1397348	1379654	1391119	0.71	cps
Rhodium	103-1	5469607	5462170	5459985	5463920	0.09	cps
Rhodium	103-2	2701830	2709807	2877422	2763020	3.59	cps
Scandium	45-1	3809585	3781204	3815747	3802179	0.48	cps
Scandium	45-2	169669	169187	179978	172945	3.52	cps
Selenium	77-2	10157	9743	9974	9958	2.08	cps
Selenium	78-2	34021	34276	33904	34067	0.56	cps
Selenium	82-1	220413	219157	220597	220056	0.36	cps
Silicon	28-1	43967609	43513637	43545465	43675570	0.58	cps
Silver	109-1	3405356	3415156	3427146	3415886	0.32	cps
Silver	107-1	3529323	3519961	3530511	3526598	0.16	cps
Sodium	23-2	1116674	1099556	1092244	1102825	1.14	cps
Strontium	86-1	3333900	3382761	3363387	3360016	0.73	cps
Strontium	88-1	29764797	29845194	29762406	29790799	0.16	cps
Sulfur	34-1	173980	171157	171281	172140	0.93	cps
Terbium	159-1	10170297	10270460	10371900	10270886	0.98	cps
Terbium	159-2	5246574	5259296	5576776	5360882	3.49	cps
Thallium	203-1	9372044	9452114	9495882	9440013	0.67	cps
Thallium	205-1	22254406	22416468	22506732	22392535	0.57	cps
Thorium	232-1	1119308	1134155	1129351	1127605	0.67	cps
Tin	118-1	4016485	3982892	4000693	4000024	0.42	cps
Titanium	47-1	2070090	2073875	2063140	2069035	0.26	cps
Uranium	238-1	6070192	6095471	6122491	6096051	0.43	cps
Vanadium	51-2	1894611	1896474	1877420	1889502	0.56	cps
Yttrium	89-1	7368716	7444740	7419294	7410916	0.52	cps
Yttrium	89-2	1099684	1104027	1163026	1122246	3.15	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2551-11DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	2
Date & Time Acquired ::	2019-05-17 16:09:58	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1020608	1013924	1005142	1013225	0.77	cps
Zirconium	90-1	253994	250666	255649	253437	1.00	cps
Zirconium	91-1	57918	56647	59274	57946	2.27	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCV91	Instrumnet Name :	P7
Client Sample ID :	CCV91	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 16:23:08	DataFile Name :	039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3689778	3685615	3675013	3683469	0.21	cps
Antimony	121-1	3134718	3127234	3147596	3136516	0.33	cps
Arsenic	75-2	105344	104528	104992	104955	0.39	cps
Barium	135-1	4316556	4326241	4347474	4330090	0.37	cps
Barium	137-1	7717611	7790857	7753732	7754067	0.47	cps
Beryllium	9-1	723070	730555	727644	727090	0.52	cps
Bismuth	209-1	6227678	6301668	6220822	6250056	0.72	cps
Bismuth	209-2	3831996	3944268	3848301	3874855	1.57	cps
Boron	10-1	117167	120587	124644	120799	3.10	cps
Boron	11-1	518556	529762	535640	527986	1.64	cps
Cadmium	111-1	954512	957890	959515	957306	0.27	cps
Cadmium	106-1	107371	109430	106339	107713	1.46	cps
Cadmium	108-1	72451	72614	73648	72904	0.89	cps
Calcium	43-1	4830553	4850365	4864645	4848521	0.35	cps
Calcium	44-1	79005091	79520252	79628764	79384702	0.42	cps
Chromium	52-2	914074	914171	912501	913582	0.10	cps
Cobalt	59-2	1416564	1417564	1405095	1413074	0.49	cps
Copper	63-2	2109328	2115832	2112480	2112547	0.15	cps
Dysprosium	156-1	167	133	100	133	25.00	cps
Dysprosium	156-2	133	147	150	143	6.15	cps
Erbium	164-1	42	67	25	44	47.19	cps
Erbium	164-2	17	33	30	27	33.06	cps
Gadolinium	160-1	83	117	125	108	20.35	cps
Gadolinium	160-2	133	183	147	154	16.76	cps
Holmium	165-1	9713108	9921054	9750380	9794847	1.13	cps
Holmium	165-2	5381317	5580477	5432462	5464752	1.89	cps
Indium	115-1	6127731	6171830	6097580	6132380	0.61	cps
Indium	115-2	1325455	1386403	1338201	1350020	2.38	cps
Iron	56-2	202317360	202212043	200154482	201561295	0.61	cps
Iron	57-2	5043444	5036080	4993108	5024211	0.54	cps
Krypton	83-1	267	247	290	268	8.10	cps
Lead	206-1	3239086	3259904	3285091	3261360	0.71	cps
Lead	207-1	2884212	2878414	2907833	2890153	0.54	cps
Lead	208-1	13128827	13116870	13234273	13159990	0.49	cps
Lithium	6-1	1973589	2004483	1983522	1987198	0.79	cps
Magnesium	24-2	37796431	37774287	37627268	37732662	0.24	cps

LB Number : LB102841 Operator : Jaswal
 Lab Sample ID : CCV91 Instrumnet Name : P7
 Client Sample ID : CCV91 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-17 16:23:08 DataFile Name : 039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1177485	1182229	1163821	1174511	0.81	cps
Molybdenum	94-1	6529692	6568012	6535649	6544451	0.32	cps
Molybdenum	95-1	7884454	7965244	7944185	7931294	0.53	cps
Molybdenum	96-1	8820674	8870791	8743650	8811705	0.73	cps
Molybdenum	97-1	4839649	4876114	4874344	4863369	0.42	cps
Molybdenum	98-1	12717551	12869746	12790342	12792546	0.60	cps
Neodymium	150-1	493	433	487	471	6.98	cps
Neodymium	150-2	77	73	93	81	13.22	cps
Nickel	60-2	351045	351683	351449	351392	0.09	cps
Phosphorus	31-2	35351	34232	33422	34335	2.82	cps
Potassium	39-2	18823319	18489775	18503182	18605425	1.01	cps
Rhodium	103-1	5077960	5171394	5070767	5106707	1.10	cps
Rhodium	103-2	2576245	2685895	2600104	2620748	2.20	cps
Scandium	45-1	3765186	3838556	3801648	3801797	0.96	cps
Scandium	45-2	176147	181109	178255	178504	1.40	cps
Selenium	77-2	3170	3207	3400	3259	3.79	cps
Selenium	78-2	11243	11164	11052	11153	0.86	cps
Selenium	82-1	66715	66951	66779	66815	0.18	cps
Silicon	28-1	2342331	2408482	2468793	2406535	2.63	cps
Silver	109-1	4042687	4065770	4044403	4050953	0.32	cps
Silver	107-1	4189446	4203229	4204500	4199058	0.20	cps
Sodium	23-2	74217097	72886562	73378972	73494211	0.92	cps
Strontium	86-1	1041588	1046179	1051674	1046481	0.48	cps
Strontium	88-1	9268621	9303755	9285100	9285825	0.19	cps
Sulfur	34-1	555603	559254	554586	556481	0.44	cps
Terbium	159-1	9895458	10089761	9890183	9958467	1.14	cps
Terbium	159-2	5214968	5413015	5281691	5303224	1.90	cps
Thallium	203-1	3995035	4029130	4030354	4018173	0.50	cps
Thallium	205-1	9775996	9831094	9889338	9832143	0.58	cps
Thorium	232-1	16074496	16055882	16038993	16056457	0.11	cps
Tin	118-1	2732013	2721825	2715920	2723253	0.30	cps
Titanium	47-1	2120336	2122162	2137180	2126559	0.43	cps
Uranium	238-1	15886463	15786231	15868083	15846926	0.34	cps
Vanadium	51-2	757933	755571	753771	755759	0.28	cps
Yttrium	89-1	6404817	6539604	6420613	6455011	1.14	cps
Yttrium	89-2	1001094	1030332	1014035	1015154	1.44	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCV91	Instrumnet Name :	P7
Client Sample ID :	CCV91	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 16:23:08	DataFile Name :	039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	370776	370019	369029	369941	0.24	cps
Zirconium	90-1	5538968	5622717	5605877	5589187	0.79	cps
Zirconium	91-1	1197632	1224512	1215342	1212495	1.13	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCB91	Instrumnet Name :	P7
Client Sample ID :	CCB91	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 16:31:32	DataFile Name :	040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	175	192	164	21.17	cps
Antimony	121-1	1083	1400	1350	1278	13.32	cps
Arsenic	75-2	11	15	9	12	24.14	cps
Barium	135-1	175	158	133	156	13.48	cps
Barium	137-1	275	267	167	236	25.54	cps
Beryllium	9-1	203	210	177	197	8.97	cps
Bismuth	209-1	7180276	7238043	7161363	7193227	0.56	cps
Bismuth	209-2	4453278	4492371	4552068	4499239	1.11	cps
Boron	10-1	3375	3226	3359	3320	2.48	cps
Boron	11-1	15826	16084	14858	15589	4.15	cps
Cadmium	111-1	2037	2172	2022	2077	3.96	cps
Cadmium	106-1	2825	3034	2825	2895	4.16	cps
Cadmium	108-1	4	21	8	11	78.05	cps
Calcium	43-1	208	250	208	222	10.83	cps
Calcium	44-1	6702	6685	6018	6468	6.03	cps
Chromium	52-2	473	493	540	502	6.81	cps
Cobalt	59-2	107	70	60	79	31.15	cps
Copper	63-2	547	540	550	546	0.93	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	58	25	17	33	66.14	cps
Erbium	164-2	23	23	23	23	0.00	cps
Gadolinium	160-1	17	25	67	36	74.18	cps
Gadolinium	160-2	160	163	150	158	4.40	cps
Holmium	165-1	10304250	10260929	10276316	10280498	0.21	cps
Holmium	165-2	5776354	5760441	5764744	5767180	0.14	cps
Indium	115-1	7009870	7042610	7028353	7026944	0.23	cps
Indium	115-2	1562266	1563497	1562313	1562692	0.04	cps
Iron	56-2	9653	9665	9509	9609	0.90	cps
Iron	57-2	317	244	300	287	13.18	cps
Krypton	83-1	223	283	290	266	13.83	cps
Lead	206-1	678	550	789	672	17.78	cps
Lead	207-1	617	650	583	617	5.41	cps
Lead	208-1	2634	2645	2700	2659	1.34	cps
Lithium	6-1	2210472	2228770	2213676	2217639	0.44	cps
Magnesium	24-2	1358	1300	1342	1333	2.25	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCB91	Instrumnet Name :	P7
Client Sample ID :	CCB91	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 16:31:32	DataFile Name :	040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	57	53	103	71	39.32	cps
Molybdenum	94-1	875	717	725	772	11.54	cps
Molybdenum	95-1	858	708	867	811	10.99	cps
Molybdenum	96-1	1058	742	950	917	17.56	cps
Molybdenum	97-1	700	508	483	564	21.02	cps
Molybdenum	98-1	1500	1350	1083	1311	16.10	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	30	50	63	48	35.11	cps
Phosphorus	31-2	100	42	33	58	62.27	cps
Potassium	39-2	12331	12389	12698	12472	1.58	cps
Rhodium	103-1	6319761	6311973	6321580	6317771	0.08	cps
Rhodium	103-2	3153843	3174364	3171371	3166526	0.35	cps
Scandium	45-1	4316644	4327616	4283627	4309296	0.53	cps
Scandium	45-2	197491	198578	196606	197559	0.50	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	44	41	39	41	6.83	cps
Selenium	82-1	174	107	96	126	33.57	cps
Silicon	28-1	101526	100562	101099	101062	0.48	cps
Silver	109-1	275	267	242	261	6.64	cps
Silver	107-1	225	292	258	258	12.90	cps
Sodium	23-2	10379	10204	9954	10179	2.10	cps
Strontium	86-1	408	383	400	397	3.20	cps
Strontium	88-1	358	458	375	397	13.49	cps
Sulfur	34-1	237480	235329	237309	236706	0.51	cps
Terbium	159-1	10476264	10518741	10479358	10491454	0.23	cps
Terbium	159-2	5612477	5604552	5648736	5621922	0.42	cps
Thallium	203-1	517	492	650	553	15.40	cps
Thallium	205-1	1208	1292	1325	1275	4.71	cps
Thorium	232-1	972	1028	989	996	2.86	cps
Tin	118-1	708	600	658	656	8.27	cps
Titanium	47-1	158	150	217	175	20.76	cps
Uranium	238-1	450	442	517	469	8.76	cps
Vanadium	51-2	33	20	43	32	36.33	cps
Yttrium	89-1	7207524	7224071	7164992	7198863	0.42	cps
Yttrium	89-2	1122682	1131677	1130847	1128402	0.44	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCB91	Instrumnet Name :	P7
Client Sample ID :	CCB91	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 16:31:32	DataFile Name :	040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	147	153	147	149	2.59	cps
Zirconium	90-1	875	942	717	845	13.69	cps
Zirconium	91-1	100	117	158	125	24.03	cps

LB Number : LB102841 Operator : Jaswal
 Lab Sample ID : K2241-01 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-SOIL-01-QT2- Dilution Factor : 1
 Date & Time Acquired :: 2019-05-17 17:43:34 DataFile Name : 041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	342	417	308	356	15.61	cps
Antimony	121-1	1659	1825	2084	1856	11.54	cps
Arsenic	75-2	57	56	52	55	5.15	cps
Barium	135-1	2025	2200	2142	2122	4.20	cps
Barium	137-1	3726	3467	3442	3545	4.43	cps
Beryllium	9-1	450	497	410	452	9.59	cps
Bismuth	209-1	6900130	6885970	6886599	6890900	0.12	cps
Bismuth	209-2	4432937	4102779	3898771	4144829	6.50	cps
Boron	10-1	1017	1092	1008	1039	4.42	cps
Boron	11-1	4643	4751	5009	4801	3.93	cps
Cadmium	111-1	2364	2530	2462	2452	3.40	cps
Cadmium	106-1	2800	2967	2900	2889	2.90	cps
Cadmium	108-1	54	38	38	43	22.35	cps
Calcium	43-1	567	425	508	500	14.24	cps
Calcium	44-1	12606	12673	12856	12712	1.02	cps
Chromium	52-2	993	820	997	937	10.79	cps
Cobalt	59-2	807	823	847	826	2.43	cps
Copper	63-2	1557	1300	1527	1461	9.60	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	25	0	0	8	173.21	cps
Erbium	164-2	10	20	10	13	43.30	cps
Gadolinium	160-1	42	50	50	47	10.18	cps
Gadolinium	160-2	177	120	167	154	19.58	cps
Holmium	165-1	9924552	9998790	9975126	9966156	0.38	cps
Holmium	165-2	5750153	5304509	5037183	5363948	6.71	cps
Indium	115-1	6928038	6945900	7005120	6959686	0.58	cps
Indium	115-2	1594409	1488826	1390753	1491330	6.83	cps
Iron	56-2	23714	23469	24115	23766	1.37	cps
Iron	57-2	622	583	683	630	8.01	cps
Krypton	83-1	257	290	287	278	6.61	cps
Lead	206-1	1767	1706	1878	1784	4.90	cps
Lead	207-1	1517	1817	1683	1672	8.99	cps
Lead	208-1	7190	7357	7218	7255	1.23	cps
Lithium	6-1	2299293	2304289	2295218	2299600	0.20	cps
Magnesium	24-2	4042	4309	4084	4145	3.46	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2241-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT2-	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 17:43:34	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	597	690	643	643	7.25	cps
Molybdenum	94-1	3417	3351	3426	3398	1.21	cps
Molybdenum	95-1	3934	3934	3859	3909	1.11	cps
Molybdenum	96-1	4117	4484	4693	4431	6.57	cps
Molybdenum	97-1	2409	2434	2609	2484	4.39	cps
Molybdenum	98-1	6343	6577	6035	6318	4.30	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	257	233	247	246	4.77	cps
Phosphorus	31-2	50	83	125	86	43.64	cps
Potassium	39-2	14675	14649	13473	14266	4.81	cps
Rhodium	103-1	6293256	6320683	6306128	6306689	0.22	cps
Rhodium	103-2	3233627	2999147	2806018	3012931	7.11	cps
Scandium	45-1	4392926	4445718	4386453	4408366	0.74	cps
Scandium	45-2	206182	190081	177657	191306	7.48	cps
Selenium	77-2	17	10	3	10	66.70	cps
Selenium	78-2	83	94	113	97	15.44	cps
Selenium	82-1	473	396	452	440	8.97	cps
Silicon	28-1	107979	105637	105999	106539	1.18	cps
Silver	109-1	2142	2075	1884	2034	6.60	cps
Silver	107-1	2234	2200	2075	2170	3.85	cps
Sodium	23-2	10262	9920	10429	10204	2.54	cps
Strontium	86-1	833	1075	1008	972	12.84	cps
Strontium	88-1	4743	4643	4801	4729	1.69	cps
Sulfur	34-1	266440	265798	265416	265885	0.19	cps
Terbium	159-1	10145823	10262208	10166913	10191648	0.61	cps
Terbium	159-2	5637294	5216500	4912871	5255555	6.92	cps
Thallium	203-1	1900	2025	2200	2042	7.38	cps
Thallium	205-1	4743	5018	4884	4882	2.82	cps
Thorium	232-1	6980	6507	6568	6685	3.84	cps
Tin	118-1	1683	1609	1959	1750	10.53	cps
Titanium	47-1	1250	1200	1242	1231	2.18	cps
Uranium	238-1	6635	6694	6727	6685	0.69	cps
Vanadium	51-2	360	440	437	412	10.98	cps
Yttrium	89-1	7191362	7216291	7136000	7181218	0.57	cps
Yttrium	89-2	1149988	1084425	1006289	1080234	6.66	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2241-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT2-	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 17:43:34	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	287	327	293	302	7.09	cps
Zirconium	90-1	3326	3034	3209	3189	4.60	cps
Zirconium	91-1	833	833	750	806	5.97	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2241-02	Instrumnet Name :	P7
Client Sample ID :	LOQ-SOIL-02-QT2-2019	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 17:47:12	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2642	2767	2784	2731	2.84	cps
Antimony	121-1	23570	23854	23971	23799	0.87	cps
Arsenic	75-2	404	413	359	392	7.32	cps
Barium	135-1	34009	33625	33149	33594	1.28	cps
Barium	137-1	58532	58784	59730	59015	1.07	cps
Beryllium	9-1	3267	3297	3220	3262	1.18	cps
Bismuth	209-1	6871139	6786314	6848219	6835224	0.64	cps
Bismuth	209-2	4418353	4417341	4403523	4413072	0.19	cps
Boron	10-1	12014	12823	12372	12403	3.27	cps
Boron	11-1	55093	53638	54625	54452	1.36	cps
Cadmium	111-1	5344	5430	5664	5479	3.02	cps
Cadmium	106-1	3209	3050	3401	3220	5.44	cps
Cadmium	108-1	325	258	263	282	13.25	cps
Calcium	43-1	19155	19931	19280	19455	2.14	cps
Calcium	44-1	328995	325947	328897	327946	0.53	cps
Chromium	52-2	8159	8333	7715	8069	3.94	cps
Cobalt	59-2	5998	5945	6145	6029	1.72	cps
Copper	63-2	8846	8559	8526	8644	2.04	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	42	17	42	33	43.30	cps
Erbium	164-2	20	17	23	20	16.65	cps
Gadolinium	160-1	42	25	17	28	45.82	cps
Gadolinium	160-2	160	147	157	154	4.49	cps
Holmium	165-1	9969074	9804151	9867623	9880282	0.84	cps
Holmium	165-2	5670401	5746296	5666821	5694506	0.79	cps
Indium	115-1	6932400	6900607	6936437	6923148	0.28	cps
Indium	115-2	1566395	1581441	1574093	1573976	0.48	cps
Iron	56-2	179782	179489	176671	178648	0.96	cps
Iron	57-2	4651	4540	4279	4490	4.26	cps
Krypton	83-1	273	283	300	286	4.72	cps
Lead	206-1	12167	12089	12484	12247	1.71	cps
Lead	207-1	10410	10582	10454	10482	0.85	cps
Lead	208-1	47946	48458	49298	48568	1.41	cps
Lithium	6-1	2307281	2277657	2294052	2292996	0.65	cps
Magnesium	24-2	159937	160610	157630	159392	0.98	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2241-02	Instrumnet Name :	P7
Client Sample ID :	LOQ-SOIL-02-QT2-2019	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 17:47:12	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2510	2600	2487	2532	2.36	cps
Molybdenum	94-1	26367	25498	25240	25702	2.30	cps
Molybdenum	95-1	32246	32120	32313	32226	0.30	cps
Molybdenum	96-1	36113	35186	35386	35562	1.37	cps
Molybdenum	97-1	20240	19940	19639	19940	1.51	cps
Molybdenum	98-1	52146	53250	52221	52539	1.17	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	1627	1623	1643	1631	0.66	cps
Phosphorus	31-2	492	450	375	439	13.47	cps
Potassium	39-2	162280	162229	159272	161260	1.07	cps
Rhodium	103-1	6297627	6288628	6273074	6286443	0.20	cps
Rhodium	103-2	3168366	3188976	3151320	3169554	0.59	cps
Scandium	45-1	4425813	4412852	4406619	4415095	0.22	cps
Scandium	45-2	203440	202831	201339	202537	0.53	cps
Selenium	77-2	117	57	60	78	43.35	cps
Selenium	78-2	248	313	257	273	12.85	cps
Selenium	82-1	1638	1479	1562	1559	5.11	cps
Silicon	28-1	190650	188775	188860	189428	0.56	cps
Silver	109-1	16836	16644	16201	16560	1.96	cps
Silver	107-1	17411	17086	16811	17103	1.76	cps
Sodium	23-2	294437	295906	290674	293672	0.92	cps
Strontium	86-1	4534	4226	4701	4487	5.37	cps
Strontium	88-1	35127	36356	35988	35824	1.76	cps
Sulfur	34-1	269462	272108	270740	270770	0.49	cps
Terbium	159-1	10250816	10128311	10081614	10153580	0.86	cps
Terbium	159-2	5534816	5617754	5561275	5571282	0.76	cps
Thallium	203-1	15176	15384	14684	15081	2.39	cps
Thallium	205-1	36317	36576	36584	36493	0.42	cps
Thorium	232-1	51658	50916	51195	51257	0.73	cps
Tin	118-1	54899	57861	56364	56375	2.63	cps
Titanium	47-1	9178	9512	9437	9376	1.87	cps
Uranium	238-1	51345	51253	51378	51325	0.13	cps
Vanadium	51-2	16493	16089	16186	16256	1.30	cps
Yttrium	89-1	7157933	7170362	7100878	7143057	0.52	cps
Yttrium	89-2	1146540	1145013	1142877	1144810	0.16	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2241-02	Instrumnet Name :	P7
Client Sample ID :	LOQ-SOIL-02-QT2-2019	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 17:47:12	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1490	1493	1603	1529	4.22	cps
Zirconium	90-1	22318	20824	21033	21392	3.78	cps
Zirconium	91-1	4709	4443	4493	4548	3.12	cps

LB Number : LB102841 Operator : Jaswal
 Lab Sample ID : K2241-07 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-17 17:50:48 DataFile Name : 043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	325	400	342	356	11.08	cps
Antimony	121-1	1542	1675	1650	1622	4.37	cps
Arsenic	75-2	63	35	70	56	33.02	cps
Barium	135-1	2092	2025	1992	2036	2.50	cps
Barium	137-1	3884	3526	3692	3701	4.85	cps
Beryllium	9-1	430	387	430	416	6.02	cps
Bismuth	209-1	6874071	6923472	6841856	6879800	0.60	cps
Bismuth	209-2	4400757	4415237	4406991	4407662	0.16	cps
Boron	10-1	1417	1358	1542	1439	6.51	cps
Boron	11-1	6201	5793	6160	6051	3.71	cps
Cadmium	111-1	2561	2341	2447	2450	4.49	cps
Cadmium	106-1	2925	2884	2892	2900	0.76	cps
Cadmium	108-1	29	46	63	46	36.36	cps
Calcium	43-1	633	517	575	575	10.15	cps
Calcium	44-1	12456	12030	12573	12353	2.31	cps
Chromium	52-2	993	1013	903	970	6.04	cps
Cobalt	59-2	747	743	820	770	5.63	cps
Copper	63-2	1477	1420	1393	1430	2.98	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	8	8	42	19	99.00	cps
Erbium	164-2	30	13	13	19	50.96	cps
Gadolinium	160-1	50	50	42	47	10.18	cps
Gadolinium	160-2	170	177	163	170	3.92	cps
Holmium	165-1	9832713	9926143	9902427	9887094	0.49	cps
Holmium	165-2	5636902	5703186	5691050	5677046	0.62	cps
Indium	115-1	6899806	6914033	6882598	6898812	0.23	cps
Indium	115-2	1559875	1574788	1581416	1572026	0.70	cps
Iron	56-2	24204	24493	23069	23922	3.15	cps
Iron	57-2	678	606	683	656	6.62	cps
Krypton	83-1	283	313	363	320	12.63	cps
Lead	206-1	1872	1711	1961	1848	6.86	cps
Lead	207-1	1633	1495	1633	1587	5.05	cps
Lead	208-1	7496	6768	7418	7227	5.53	cps
Lithium	6-1	2279305	2284365	2282346	2282005	0.11	cps
Magnesium	24-2	3684	4392	3992	4023	8.83	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2241-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 17:50:48	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	680	610	707	666	7.50	cps
Molybdenum	94-1	3442	3459	3442	3448	0.28	cps
Molybdenum	95-1	4042	3809	3926	3926	2.97	cps
Molybdenum	96-1	4334	4167	4593	4365	4.91	cps
Molybdenum	97-1	2800	2500	2150	2484	13.10	cps
Molybdenum	98-1	6460	6518	5310	6096	11.18	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	217	207	223	216	3.89	cps
Phosphorus	31-2	50	92	67	69	30.20	cps
Potassium	39-2	13999	14825	14082	14302	3.18	cps
Rhodium	103-1	6241905	6264323	6272272	6259500	0.25	cps
Rhodium	103-2	3162285	3189184	3201873	3184447	0.63	cps
Scandium	45-1	4398563	4393869	4392728	4395053	0.07	cps
Scandium	45-2	203096	202548	203041	202895	0.15	cps
Selenium	77-2	17	13	7	12	41.65	cps
Selenium	78-2	124	104	104	111	10.64	cps
Selenium	82-1	422	389	276	362	21.07	cps
Silicon	28-1	106569	105462	104917	105649	0.80	cps
Silver	109-1	2075	2109	1967	2050	3.61	cps
Silver	107-1	1992	2275	2092	2120	6.78	cps
Sodium	23-2	10337	10129	9795	10087	2.71	cps
Strontium	86-1	1008	1058	1008	1025	2.82	cps
Strontium	88-1	4334	4659	4626	4540	3.94	cps
Sulfur	34-1	262651	262454	263270	262792	0.16	cps
Terbium	159-1	10173183	10072482	10136700	10127455	0.50	cps
Terbium	159-2	5533274	5554744	5530485	5539501	0.24	cps
Thallium	203-1	1775	2025	2150	1984	9.63	cps
Thallium	205-1	4609	5176	4584	4790	6.99	cps
Thorium	232-1	6607	6841	7386	6945	5.75	cps
Tin	118-1	1675	1834	1584	1697	7.45	cps
Titanium	47-1	1100	1258	1083	1147	8.42	cps
Uranium	238-1	6402	6327	6260	6330	1.12	cps
Vanadium	51-2	327	413	413	384	13.02	cps
Yttrium	89-1	7127757	7109463	7135709	7124310	0.19	cps
Yttrium	89-2	1134387	1138356	1146466	1139736	0.54	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2241-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 17:50:48	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	323	313	293	310	4.93	cps
Zirconium	90-1	3317	3084	3334	3245	4.31	cps
Zirconium	91-1	633	667	592	631	5.96	cps

LB Number : LB102841 Operator : Jaswal
 Lab Sample ID : K2241-08 Instrumnet Name : P7
 Client Sample ID : LOQ-WATER-02-QT2-20 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-17 17:54:59 DataFile Name : 044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2692	3075	2725	2831	7.50	cps
Antimony	121-1	23345	24096	23321	23587	1.87	cps
Arsenic	75-2	448	433	380	420	8.58	cps
Barium	135-1	32305	33583	33333	33074	2.05	cps
Barium	137-1	58624	58801	57394	58273	1.31	cps
Beryllium	9-1	3107	3167	3094	3123	1.25	cps
Bismuth	209-1	6794847	6853474	6833226	6827182	0.44	cps
Bismuth	209-2	4424089	4441653	4453758	4439834	0.34	cps
Boron	10-1	12414	11655	12764	12278	4.62	cps
Boron	11-1	53195	54198	55068	54153	1.73	cps
Cadmium	111-1	5492	5441	5534	5489	0.85	cps
Cadmium	106-1	3259	3276	3284	3273	0.39	cps
Cadmium	108-1	271	283	254	269	5.43	cps
Calcium	43-1	20365	20223	19355	19981	2.74	cps
Calcium	44-1	320686	320864	321755	321102	0.18	cps
Chromium	52-2	7836	8182	8166	8061	2.43	cps
Cobalt	59-2	6055	6018	6181	6085	1.41	cps
Copper	63-2	8519	8423	8596	8513	1.02	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	17	25	17	19	24.73	cps
Erbium	164-2	17	20	27	21	24.12	cps
Gadolinium	160-1	42	50	50	47	10.18	cps
Gadolinium	160-2	147	117	150	138	13.32	cps
Holmium	165-1	9826902	9966051	9856937	9883297	0.74	cps
Holmium	165-2	5706575	5755681	5736618	5732958	0.43	cps
Indium	115-1	6835416	6937984	6890392	6887931	0.75	cps
Indium	115-2	1568860	1577252	1581979	1576030	0.42	cps
Iron	56-2	177345	175413	179422	177393	1.13	cps
Iron	57-2	4473	4612	4634	4573	1.91	cps
Krypton	83-1	320	257	280	286	11.22	cps
Lead	206-1	11995	12267	12184	12148	1.15	cps
Lead	207-1	11038	10388	10404	10610	3.50	cps
Lead	208-1	49181	48709	48536	48809	0.68	cps
Lithium	6-1	2292004	2296935	2289071	2292670	0.17	cps
Magnesium	24-2	156224	157561	157519	157101	0.48	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2241-08	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-02-QT2-20	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 17:54:59	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2494	2487	2387	2456	2.43	cps
Molybdenum	94-1	25724	26050	25340	25704	1.38	cps
Molybdenum	95-1	31394	32004	31227	31541	1.30	cps
Molybdenum	96-1	34776	36498	35763	35679	2.42	cps
Molybdenum	97-1	20365	20516	20816	20566	1.12	cps
Molybdenum	98-1	50892	50131	50632	50552	0.76	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1810	1580	1593	1661	7.77	cps
Phosphorus	31-2	383	500	417	433	13.87	cps
Potassium	39-2	158262	160611	156963	158612	1.17	cps
Rhodium	103-1	6253886	6281385	6251498	6262256	0.27	cps
Rhodium	103-2	3170115	3203405	3169666	3181062	0.61	cps
Scandium	45-1	4363796	4373437	4350263	4362499	0.27	cps
Scandium	45-2	202705	202575	202037	202439	0.17	cps
Selenium	77-2	87	63	53	68	25.24	cps
Selenium	78-2	269	256	267	264	2.66	cps
Selenium	82-1	1492	1640	1545	1559	4.79	cps
Silicon	28-1	187999	186447	183647	186031	1.19	cps
Silver	109-1	16402	17119	16952	16825	2.23	cps
Silver	107-1	17236	16961	17912	17370	2.82	cps
Sodium	23-2	289992	293365	290479	291279	0.63	cps
Strontium	86-1	4468	4626	4451	4515	2.14	cps
Strontium	88-1	35336	35570	35069	35325	0.71	cps
Sulfur	34-1	269501	270388	269411	269767	0.20	cps
Terbium	159-1	10100004	10231656	10119352	10150337	0.70	cps
Terbium	159-2	5554902	5605414	5603612	5587976	0.51	cps
Thallium	203-1	14800	15093	14458	14784	2.15	cps
Thallium	205-1	35156	35791	35298	35415	0.94	cps
Thorium	232-1	52629	50944	51078	51550	1.82	cps
Tin	118-1	54908	56088	56640	55879	1.58	cps
Titanium	47-1	8786	9162	9070	9006	2.17	cps
Uranium	238-1	53336	50776	51738	51950	2.49	cps
Vanadium	51-2	16323	16299	16116	16246	0.70	cps
Yttrium	89-1	7060048	7136946	7136087	7111027	0.62	cps
Yttrium	89-2	1140220	1142765	1145922	1142969	0.25	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2241-08	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-02-QT2-20	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 17:54:59	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1520	1553	1527	1533	1.15	cps
Zirconium	90-1	20774	21409	22159	21447	3.23	cps
Zirconium	91-1	4359	5210	4759	4776	8.91	cps

LB Number : LB102841 Operator : Jaswal
 Lab Sample ID : K2241-07RE Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-17 17:58:34 DataFile Name : 045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	375	358	319	25.74	cps
Antimony	121-1	1667	1517	1625	1603	4.83	cps
Arsenic	75-2	50	56	56	54	5.98	cps
Barium	135-1	1750	2017	2184	1984	11.02	cps
Barium	137-1	3784	3709	3526	3673	3.62	cps
Beryllium	9-1	457	527	523	502	7.86	cps
Bismuth	209-1	6775056	6698825	6804330	6759404	0.81	cps
Bismuth	209-2	4366319	4384469	4402321	4384370	0.41	cps
Boron	10-1	1675	1558	1242	1492	15.03	cps
Boron	11-1	6502	6001	6193	6232	4.05	cps
Cadmium	111-1	2436	2486	2417	2446	1.46	cps
Cadmium	106-1	2834	3009	2834	2892	3.49	cps
Cadmium	108-1	50	71	54	58	18.90	cps
Calcium	43-1	533	633	508	558	11.85	cps
Calcium	44-1	12147	12472	12139	12253	1.55	cps
Chromium	52-2	923	863	903	897	3.41	cps
Cobalt	59-2	773	767	823	788	3.93	cps
Copper	63-2	1557	1410	1470	1479	4.99	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	25	42	33	33	25.01	cps
Erbium	164-2	7	20	20	16	49.47	cps
Gadolinium	160-1	58	42	17	39	53.93	cps
Gadolinium	160-2	120	177	150	149	19.04	cps
Holmium	165-1	9696667	9709435	9667429	9691177	0.22	cps
Holmium	165-2	5569629	5635532	5655204	5620122	0.80	cps
Indium	115-1	6746041	6708076	6752023	6735380	0.35	cps
Indium	115-2	1555628	1551289	1554773	1553897	0.15	cps
Iron	56-2	23386	22712	23664	23254	2.10	cps
Iron	57-2	572	728	628	643	12.27	cps
Krypton	83-1	283	253	247	261	7.48	cps
Lead	206-1	1934	1733	2095	1921	9.42	cps
Lead	207-1	1672	1667	1789	1709	4.04	cps
Lead	208-1	7257	6834	7657	7249	5.67	cps
Lithium	6-1	2265291	2230036	2236773	2244033	0.83	cps
Magnesium	24-2	3842	3934	3934	3903	1.36	cps

LB Number : LB102841 Operator : Jaswal
 Lab Sample ID : K2241-07RE Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-17 17:58:34 DataFile Name : 045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	630	680	650	653	3.85	cps
Molybdenum	94-1	3159	3584	3392	3378	6.30	cps
Molybdenum	95-1	3659	3784	3959	3801	3.97	cps
Molybdenum	96-1	3934	4217	4476	4209	6.44	cps
Molybdenum	97-1	2292	2309	2034	2211	6.97	cps
Molybdenum	98-1	6393	6243	6343	6327	1.21	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	250	220	227	232	6.78	cps
Phosphorus	31-2	117	92	8	72	78.54	cps
Potassium	39-2	14432	13990	14074	14166	1.66	cps
Rhodium	103-1	6180960	6086025	6125436	6130807	0.78	cps
Rhodium	103-2	3132118	3136869	3122075	3130354	0.24	cps
Scandium	45-1	4304126	4240144	4277430	4273900	0.75	cps
Scandium	45-2	200291	198518	202356	200388	0.96	cps
Selenium	77-2	20	3	10	11	75.52	cps
Selenium	78-2	113	78	91	94	18.96	cps
Selenium	82-1	391	460	420	424	8.24	cps
Silicon	28-1	106074	106385	105193	105884	0.58	cps
Silver	109-1	2025	1659	2109	1931	12.40	cps
Silver	107-1	2134	1984	2117	2078	3.96	cps
Sodium	23-2	9495	10379	9778	9884	4.57	cps
Strontium	86-1	1117	1000	892	1003	11.22	cps
Strontium	88-1	4609	4351	4017	4326	6.86	cps
Sulfur	34-1	265944	264349	264752	265015	0.31	cps
Terbium	159-1	9952986	9889034	9897744	9913255	0.35	cps
Terbium	159-2	5458927	5495401	5526328	5493552	0.61	cps
Thallium	203-1	1842	1742	2000	1861	7.00	cps
Thallium	205-1	5018	4743	4809	4857	2.96	cps
Thorium	232-1	6724	6574	6524	6607	1.58	cps
Tin	118-1	1659	1709	1942	1770	8.55	cps
Titanium	47-1	1267	1308	1225	1267	3.29	cps
Uranium	238-1	6811	6685	6619	6705	1.45	cps
Vanadium	51-2	397	350	333	360	9.12	cps
Yttrium	89-1	7019410	6979066	6985925	6994800	0.31	cps
Yttrium	89-2	1124562	1124370	1125269	1124734	0.04	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2241-07RE	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 17:58:34	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	270	310	287	289	6.95	cps
Zirconium	90-1	3126	3234	3092	3150	2.35	cps
Zirconium	91-1	733	608	792	711	13.17	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2241-08RE	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-02-QT2-20	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 18:02:10	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2925	2742	2759	2809	3.61	cps
Antimony	121-1	24221	23228	23370	23607	2.28	cps
Arsenic	75-2	456	461	413	443	5.94	cps
Barium	135-1	33341	32898	33391	33210	0.82	cps
Barium	137-1	58156	58918	57578	58217	1.15	cps
Beryllium	9-1	3177	3130	3140	3149	0.78	cps
Bismuth	209-1	6894648	6859888	7499987	7084841	5.08	cps
Bismuth	209-2	4417950	4397542	4402809	4406100	0.24	cps
Boron	10-1	12105	12823	12180	12369	3.19	cps
Boron	11-1	53470	54716	56213	54800	2.51	cps
Cadmium	111-1	5498	5611	5475	5528	1.32	cps
Cadmium	106-1	3417	3342	3517	3426	2.56	cps
Cadmium	108-1	242	238	333	271	20.00	cps
Calcium	43-1	18646	18796	18813	18751	0.49	cps
Calcium	44-1	322855	325787	319227	322623	1.02	cps
Chromium	52-2	8026	7879	7786	7897	1.53	cps
Cobalt	59-2	5935	5635	5898	5822	2.81	cps
Copper	63-2	8739	8332	8866	8646	3.22	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	33	33	42	36	13.33	cps
Erbium	164-2	27	13	10	17	52.93	cps
Gadolinium	160-1	33	50	58	47	26.95	cps
Gadolinium	160-2	117	177	90	128	34.74	cps
Holmium	165-1	9855806	9802363	10753465	10137211	5.27	cps
Holmium	165-2	5685598	5692352	5674907	5684285	0.15	cps
Indium	115-1	6907241	6870379	7520561	7099393	5.14	cps
Indium	115-2	1568623	1576913	1562670	1569402	0.46	cps
Iron	56-2	175648	176160	175125	175645	0.29	cps
Iron	57-2	4679	4829	4229	4579	6.82	cps
Krypton	83-1	273	263	250	262	4.46	cps
Lead	206-1	12818	12851	12050	12573	3.60	cps
Lead	207-1	10771	11016	10226	10671	3.79	cps
Lead	208-1	49799	49926	48108	49278	2.06	cps
Lithium	6-1	2304750	2299413	2465279	2356481	4.00	cps
Magnesium	24-2	158218	155826	154699	156248	1.15	cps

LB Number : LB102841 Operator : Jaswal
 Lab Sample ID : K2241-08RE Instrumnet Name : P7
 Client Sample ID : LOQ-WATER-02-QT2-20 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-17 18:02:10 DataFile Name : 046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2350	2314	2647	2437	7.50	cps
Molybdenum	94-1	26643	25983	24889	25838	3.43	cps
Molybdenum	95-1	30985	30767	30709	30820	0.47	cps
Molybdenum	96-1	34709	35729	35412	35284	1.48	cps
Molybdenum	97-1	19489	19656	19648	19597	0.48	cps
Molybdenum	98-1	51227	51619	50281	51042	1.35	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	1680	1567	1603	1617	3.58	cps
Phosphorus	31-2	350	292	392	344	14.58	cps
Potassium	39-2	158303	157882	159810	158665	0.64	cps
Rhodium	103-1	6214658	6165393	6742705	6374252	5.02	cps
Rhodium	103-2	3161694	3167073	3147045	3158604	0.33	cps
Scandium	45-1	4371211	4337910	4767101	4492074	5.32	cps
Scandium	45-2	200388	201804	202096	201430	0.45	cps
Selenium	77-2	70	47	60	59	19.88	cps
Selenium	78-2	281	267	306	285	6.90	cps
Selenium	82-1	1568	1503	1617	1563	3.64	cps
Silicon	28-1	183705	183805	187586	185032	1.20	cps
Silver	109-1	17762	17403	16560	17242	3.58	cps
Silver	107-1	17411	17236	17069	17239	0.99	cps
Sodium	23-2	290131	287479	289843	289151	0.50	cps
Strontium	86-1	4418	4493	4559	4490	1.58	cps
Strontium	88-1	36405	35069	35319	35598	2.00	cps
Sulfur	34-1	268782	265680	266449	266970	0.61	cps
Terbium	159-1	10109763	10139558	11093819	10447713	5.36	cps
Terbium	159-2	5583773	5595578	5569651	5583000	0.23	cps
Thallium	203-1	14534	14859	14926	14773	1.42	cps
Thallium	205-1	35866	35381	34796	35348	1.52	cps
Thorium	232-1	52952	51051	51396	51800	1.96	cps
Tin	118-1	55920	55033	53109	54688	2.63	cps
Titanium	47-1	10046	9353	8995	9465	5.64	cps
Uranium	238-1	52023	51176	50643	51281	1.36	cps
Vanadium	51-2	16363	16389	15822	16191	1.98	cps
Yttrium	89-1	7127980	7096228	7733278	7319162	4.90	cps
Yttrium	89-2	1134399	1134310	1136429	1135046	0.11	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	K2241-08RE	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-02-QT2-20	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 18:02:10	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1530	1637	1550	1572	3.61	cps
Zirconium	90-1	21667	20824	20841	21111	2.28	cps
Zirconium	91-1	4951	4884	4559	4798	4.37	cps

LB Number : LB102841 Operator : Jaswal
 Lab Sample ID : PB119338BL Instrumnet Name : P7
 Client Sample ID : PB119338BL Dilution Factor : 1
 Date & Time Acquired :: 2019-05-17 18:05:46 DataFile Name : 047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	67	42	50	28.87	cps
Antimony	121-1	158	108	133	133	18.75	cps
Arsenic	75-2	2	6	0	2	114.63	cps
Barium	135-1	25	25	25	25	0.00	cps
Barium	137-1	67	75	67	69	6.93	cps
Beryllium	9-1	100	93	93	96	4.02	cps
Bismuth	209-1	6895934	6807785	6873892	6859204	0.67	cps
Bismuth	209-2	4319851	4363490	4339428	4340923	0.50	cps
Boron	10-1	1025	1042	758	942	16.88	cps
Boron	11-1	4159	4192	3934	4095	3.43	cps
Cadmium	111-1	1940	1956	1827	1908	3.67	cps
Cadmium	106-1	2775	2800	2609	2728	3.82	cps
Cadmium	108-1	4	13	4	7	69.23	cps
Calcium	43-1	150	142	100	131	20.52	cps
Calcium	44-1	5593	5201	5143	5312	4.61	cps
Chromium	52-2	387	517	403	436	16.24	cps
Cobalt	59-2	43	33	23	33	30.00	cps
Copper	63-2	333	387	313	344	11.01	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	50	42	25	39	32.73	cps
Erbium	164-2	7	27	17	17	59.99	cps
Gadolinium	160-1	50	83	42	58	37.80	cps
Gadolinium	160-2	123	133	180	146	20.78	cps
Holmium	165-1	9837639	9716408	9862970	9805673	0.80	cps
Holmium	165-2	5567001	5592430	5538380	5565937	0.49	cps
Indium	115-1	6808678	6775528	6854618	6812941	0.58	cps
Indium	115-2	1546453	1556821	1540155	1547810	0.54	cps
Iron	56-2	3495	3706	3478	3560	3.57	cps
Iron	57-2	106	144	139	130	16.22	cps
Krypton	83-1	263	277	310	283	8.48	cps
Lead	206-1	322	333	289	315	7.35	cps
Lead	207-1	289	222	211	241	17.47	cps
Lead	208-1	1239	1161	1156	1185	3.93	cps
Lithium	6-1	2281829	2266438	2278571	2275613	0.36	cps
Magnesium	24-2	492	558	575	542	8.14	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	PB119338BL	Instrumnet Name :	P7
Client Sample ID :	PB119338BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 18:05:46	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	17	30	28	36.66	cps
Molybdenum	94-1	208	225	208	214	4.50	cps
Molybdenum	95-1	67	42	50	53	24.12	cps
Molybdenum	96-1	108	92	125	108	15.39	cps
Molybdenum	97-1	67	25	33	42	52.92	cps
Molybdenum	98-1	75	117	75	89	27.07	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	30	37	10	26	54.31	cps
Phosphorus	31-2	17	75	50	47	61.97	cps
Potassium	39-2	12989	12564	13040	12864	2.03	cps
Rhodium	103-1	6181367	6152104	6221717	6185063	0.57	cps
Rhodium	103-2	3125245	3131445	3122350	3126347	0.15	cps
Scandium	45-1	4310390	4282300	4303461	4298717	0.34	cps
Scandium	45-2	197378	200223	196896	198166	0.91	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	35	43	44	41	12.01	cps
Selenium	82-1	86	99	80	88	10.71	cps
Silicon	28-1	105160	103087	104564	104270	1.02	cps
Silver	109-1	100	58	25	61	61.49	cps
Silver	107-1	108	83	42	78	43.30	cps
Sodium	23-2	3467	3442	3517	3476	1.10	cps
Strontium	86-1	417	408	500	442	11.48	cps
Strontium	88-1	142	58	100	100	41.67	cps
Sulfur	34-1	262881	261141	262084	262035	0.33	cps
Terbium	159-1	10049255	10069942	10119018	10079405	0.36	cps
Terbium	159-2	5461240	5473456	5470274	5468323	0.12	cps
Thallium	203-1	225	175	117	172	31.48	cps
Thallium	205-1	358	358	433	383	11.30	cps
Thorium	232-1	189	294	217	233	23.45	cps
Tin	118-1	292	292	392	325	17.77	cps
Titanium	47-1	117	125	100	114	11.18	cps
Uranium	238-1	25	8	8	14	69.31	cps
Vanadium	51-2	3	3	0	2	86.60	cps
Yttrium	89-1	7074855	7029639	7038240	7047578	0.34	cps
Yttrium	89-2	1111629	1129940	1123116	1121561	0.83	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	PB119338BL	Instrumnet Name :	P7
Client Sample ID :	PB119338BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 18:05:46	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	137	113	107	119	13.25	cps
Zirconium	90-1	575	600	625	600	4.17	cps
Zirconium	91-1	92	100	217	136	51.35	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	PB119338BS	Instrumnet Name :	P7
Client Sample ID :	PB119338BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 18:09:22	DataFile Name :	048LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	667370	662281	659632	663094	0.59	cps
Antimony	121-1	3268492	3278126	3247758	3264792	0.48	cps
Arsenic	75-2	104975	105499	104378	104951	0.53	cps
Barium	135-1	4408631	4374020	4369740	4384130	0.49	cps
Barium	137-1	7806684	7804263	7703884	7771610	0.75	cps
Beryllium	9-1	796172	783763	773198	784378	1.47	cps
Bismuth	209-1	6571804	6550177	6567990	6563324	0.18	cps
Bismuth	209-2	4081917	4130620	4095043	4102527	0.61	cps
Boron	10-1	123249	123912	123214	123458	0.32	cps
Boron	11-1	538756	540855	538525	539379	0.24	cps
Cadmium	111-1	909272	909365	899326	905988	0.64	cps
Cadmium	106-1	103879	105138	101672	103563	1.69	cps
Cadmium	108-1	71006	70093	69059	70053	1.39	cps
Calcium	43-1	1018946	1019572	996112	1011543	1.32	cps
Calcium	44-1	16816851	16687689	16484544	16663028	1.01	cps
Chromium	52-2	919159	926307	919692	921719	0.43	cps
Cobalt	59-2	1446222	1454548	1451382	1450717	0.29	cps
Copper	63-2	1957090	1961955	1943718	1954254	0.48	cps
Dysprosium	156-1	100	175	150	142	26.96	cps
Dysprosium	156-2	103	113	133	117	13.09	cps
Erbium	164-1	67	42	58	56	22.91	cps
Erbium	164-2	33	40	40	38	10.19	cps
Gadolinium	160-1	133	83	50	89	47.19	cps
Gadolinium	160-2	147	153	160	153	4.35	cps
Holmium	165-1	9740586	9712057	9604878	9685840	0.74	cps
Holmium	165-2	5438682	5479027	5440109	5452606	0.42	cps
Indium	115-1	6352328	6322926	6282955	6319403	0.55	cps
Indium	115-2	1394847	1386872	1400697	1394139	0.50	cps
Iron	56-2	40719644	40712588	40518443	40650225	0.28	cps
Iron	57-2	1003626	1006285	1002371	1004094	0.20	cps
Krypton	83-1	280	203	203	229	19.34	cps
Lead	206-1	3340252	3331793	3320273	3330772	0.30	cps
Lead	207-1	2934811	2920522	2945945	2933759	0.43	cps
Lead	208-1	13413581	13416778	13305418	13378593	0.47	cps
Lithium	6-1	2122212	2103467	2086664	2104114	0.85	cps
Magnesium	24-2	7915108	7889693	7813983	7872928	0.67	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	PB119338BS	Instrumnet Name :	P7
Client Sample ID :	PB119338BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 18:09:22	DataFile Name :	048LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1187414	1197052	1194798	1193088	0.42	cps
Molybdenum	94-1	6617622	6603100	6483825	6568183	1.12	cps
Molybdenum	95-1	8067720	7936628	7889264	7964538	1.16	cps
Molybdenum	96-1	8942463	8927739	8770481	8880228	1.07	cps
Molybdenum	97-1	4933068	4928756	4848268	4903364	0.97	cps
Molybdenum	98-1	12962689	12891993	12706707	12853797	1.03	cps
Neodymium	150-1	580	473	433	496	15.30	cps
Neodymium	150-2	80	53	87	73	24.06	cps
Nickel	60-2	365705	368785	369794	368094	0.58	cps
Phosphorus	31-2	35217	35310	34466	34998	1.32	cps
Potassium	39-2	3623029	3640038	3607294	3623453	0.45	cps
Rhodium	103-1	5545946	5500603	5399131	5481893	1.37	cps
Rhodium	103-2	2760802	2759511	2776607	2765640	0.34	cps
Scandium	45-1	3950440	3944712	3900228	3931793	0.70	cps
Scandium	45-2	179413	179108	178146	178889	0.37	cps
Selenium	77-2	3314	3330	3097	3247	4.01	cps
Selenium	78-2	10995	11008	11075	11026	0.39	cps
Selenium	82-1	67795	66843	67254	67297	0.71	cps
Silicon	28-1	2355280	2383824	2357281	2365461	0.67	cps
Silver	109-1	3891680	3873517	3835993	3867063	0.73	cps
Silver	107-1	4024463	3998685	3995152	4006100	0.40	cps
Sodium	23-2	14828228	14862684	14762303	14817739	0.34	cps
Strontium	86-1	1074413	1070777	1054693	1066628	0.98	cps
Strontium	88-1	9449824	9316991	9338878	9368564	0.76	cps
Sulfur	34-1	603076	590522	575552	589716	2.34	cps
Terbium	159-1	9884269	9890689	9876819	9883926	0.07	cps
Terbium	159-2	5273177	5293086	5277524	5281262	0.20	cps
Thallium	203-1	4089881	4087900	4103457	4093746	0.21	cps
Thallium	205-1	9872831	9938837	10042485	9951385	0.86	cps
Thorium	232-1	15627010	15430934	15601575	15553173	0.69	cps
Tin	118-1	2817334	2795044	2785668	2799348	0.58	cps
Titanium	47-1	2196688	2172026	2148950	2172555	1.10	cps
Uranium	238-1	15290589	15340675	15438497	15356587	0.49	cps
Vanadium	51-2	759332	755676	754878	756629	0.31	cps
Yttrium	89-1	6604418	6576456	6517135	6566003	0.68	cps
Yttrium	89-2	1018657	1027969	1018764	1021797	0.52	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	PB119338BS	Instrumnet Name :	P7
Client Sample ID :	PB119338BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 18:09:22	DataFile Name :	048LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	337044	337559	336509	337037	0.16	cps
Zirconium	90-1	5653447	5570218	5527260	5583642	1.15	cps
Zirconium	91-1	1240071	1221549	1204713	1222111	1.45	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCV92	Instrumnet Name :	P7
Client Sample ID :	CCV92	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 18:13:33	DataFile Name :	049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3661591	3632679	3619689	3637986	0.59	cps
Antimony	121-1	3055381	3049880	3034959	3046740	0.35	cps
Arsenic	75-2	103878	103768	102456	103367	0.77	cps
Barium	135-1	4251022	4225614	4213624	4230087	0.45	cps
Barium	137-1	7354269	7471939	7478431	7434880	0.94	cps
Beryllium	9-1	734440	734844	735785	735023	0.09	cps
Bismuth	209-1	6014918	6028724	6025122	6022921	0.12	cps
Bismuth	209-2	3567950	3741424	3716190	3675188	2.55	cps
Boron	10-1	119537	119461	120443	119814	0.46	cps
Boron	11-1	526476	525645	534126	528749	0.88	cps
Cadmium	111-1	925761	928522	937284	930522	0.65	cps
Cadmium	106-1	105877	106599	105339	105938	0.60	cps
Cadmium	108-1	70763	70847	70696	70769	0.11	cps
Calcium	43-1	4747158	4730559	4762354	4746690	0.34	cps
Calcium	44-1	77915993	78171231	77774093	77953773	0.26	cps
Chromium	52-2	899813	890444	899739	896665	0.60	cps
Cobalt	59-2	1387949	1396542	1383999	1389497	0.46	cps
Copper	63-2	2080696	2077829	2081331	2079952	0.09	cps
Dysprosium	156-1	117	42	183	114	62.23	cps
Dysprosium	156-2	120	80	107	102	19.92	cps
Erbium	164-1	75	58	58	64	15.05	cps
Erbium	164-2	33	47	37	39	17.85	cps
Gadolinium	160-1	92	100	100	97	4.95	cps
Gadolinium	160-2	163	167	137	156	10.57	cps
Holmium	165-1	9411107	9414303	9453213	9426208	0.25	cps
Holmium	165-2	5074566	5331377	5243851	5216598	2.50	cps
Indium	115-1	5934902	5914866	5948530	5932766	0.29	cps
Indium	115-2	1263953	1313887	1302804	1293548	2.03	cps
Iron	56-2	199060538	198842838	198650371	198851249	0.10	cps
Iron	57-2	4948721	4970381	4935642	4951581	0.35	cps
Krypton	83-1	273	297	257	276	7.29	cps
Lead	206-1	3146235	3175363	3148221	3156606	0.52	cps
Lead	207-1	2800961	2813456	2800315	2804911	0.26	cps
Lead	208-1	12737621	12822481	12748988	12769696	0.36	cps
Lithium	6-1	1992175	1994519	1992889	1993194	0.06	cps
Magnesium	24-2	37675386	37447787	37427602	37516925	0.37	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCV92	Instrumnet Name :	P7
Client Sample ID :	CCV92	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 18:13:33	DataFile Name :	049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1152525	1153188	1143220	1149645	0.48	cps
Molybdenum	94-1	6316674	6310023	6366039	6330912	0.48	cps
Molybdenum	95-1	7684913	7710139	7693782	7696278	0.17	cps
Molybdenum	96-1	8539104	8542466	8588513	8556694	0.32	cps
Molybdenum	97-1	4737868	4722334	4702381	4720861	0.38	cps
Molybdenum	98-1	12411833	12327219	12341676	12360243	0.37	cps
Neodymium	150-1	533	653	507	564	13.84	cps
Neodymium	150-2	63	73	80	72	11.62	cps
Nickel	60-2	344012	344199	342320	343510	0.30	cps
Phosphorus	31-2	32820	32678	33856	33118	1.94	cps
Potassium	39-2	18456922	18386652	18340829	18394801	0.32	cps
Rhodium	103-1	4991704	4966711	4951384	4969933	0.41	cps
Rhodium	103-2	2434714	2542817	2531991	2503174	2.38	cps
Scandium	45-1	3780258	3737305	3750677	3756080	0.59	cps
Scandium	45-2	169505	173820	175055	172793	1.69	cps
Selenium	77-2	3167	3314	3080	3187	3.70	cps
Selenium	78-2	11051	10860	11047	10986	0.99	cps
Selenium	82-1	65329	65793	65694	65605	0.37	cps
Silicon	28-1	2357043	2375018	2395322	2375794	0.81	cps
Silver	109-1	3938474	3949751	3975097	3954441	0.47	cps
Silver	107-1	4080030	4078883	4098966	4085960	0.28	cps
Sodium	23-2	72680895	72450368	71885116	72338793	0.57	cps
Strontium	86-1	1018589	1020353	1024912	1021285	0.32	cps
Strontium	88-1	9001124	9018041	9027872	9015679	0.15	cps
Sulfur	34-1	561112	561233	557911	560085	0.34	cps
Terbium	159-1	9647690	9573374	9659030	9626698	0.48	cps
Terbium	159-2	4874465	5155602	5100121	5043396	2.95	cps
Thallium	203-1	3905071	3908947	3898917	3904312	0.13	cps
Thallium	205-1	9482754	9589114	9477245	9516371	0.66	cps
Thorium	232-1	15527959	15429889	15372760	15443536	0.51	cps
Tin	118-1	2650597	2661530	2656265	2656131	0.21	cps
Titanium	47-1	2096168	2075306	2093675	2088383	0.55	cps
Uranium	238-1	15335206	15184637	15240445	15253429	0.50	cps
Vanadium	51-2	745854	739932	742628	742805	0.40	cps
Yttrium	89-1	6247734	6263910	6294745	6268797	0.38	cps
Yttrium	89-2	953542	991979	979098	974873	2.01	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCV92	Instrumnet Name :	P7
Client Sample ID :	CCV92	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 18:13:33	DataFile Name :	049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	364478	362891	361801	363057	0.37	cps
Zirconium	90-1	5384205	5435550	5397607	5405787	0.49	cps
Zirconium	91-1	1182846	1184937	1192665	1186816	0.44	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCB92	Instrumnet Name :	P7
Client Sample ID :	CCB92	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 18:20:27	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	42	75	72	40.52	cps
Antimony	121-1	1742	1700	1725	1722	1.22	cps
Arsenic	75-2	7	20	15	14	45.80	cps
Barium	135-1	142	150	200	164	19.25	cps
Barium	137-1	217	250	217	228	8.45	cps
Beryllium	9-1	140	167	127	144	14.10	cps
Bismuth	209-1	7074804	7057611	7038067	7056827	0.26	cps
Bismuth	209-2	4345907	4390290	4438100	4391432	1.05	cps
Boron	10-1	2725	2575	2317	2539	8.14	cps
Boron	11-1	12239	11863	11296	11800	4.02	cps
Cadmium	111-1	2076	2127	2011	2072	2.81	cps
Cadmium	106-1	2909	2950	2792	2884	2.85	cps
Cadmium	108-1	8	13	8	10	24.77	cps
Calcium	43-1	242	150	175	189	25.09	cps
Calcium	44-1	6002	5902	5576	5826	3.82	cps
Chromium	52-2	467	523	460	483	7.20	cps
Cobalt	59-2	93	40	57	63	43.08	cps
Copper	63-2	440	407	347	398	11.89	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	8	0	33	14	124.91	cps
Erbium	164-2	30	17	17	21	36.45	cps
Gadolinium	160-1	42	50	42	44	10.82	cps
Gadolinium	160-2	147	150	150	149	1.29	cps
Holmium	165-1	10097551	9956449	9982327	10012109	0.75	cps
Holmium	165-2	5646439	5621919	5664310	5644223	0.38	cps
Indium	115-1	6888182	6893397	6886350	6889310	0.05	cps
Indium	115-2	1516432	1545686	1547005	1536375	1.12	cps
Iron	56-2	7697	7119	7046	7287	4.89	cps
Iron	57-2	183	228	167	193	16.40	cps
Krypton	83-1	293	277	253	274	7.32	cps
Lead	206-1	433	561	478	491	13.22	cps
Lead	207-1	417	383	450	417	8.00	cps
Lead	208-1	1756	1811	1939	1835	5.12	cps
Lithium	6-1	2235626	2230578	2232994	2233066	0.11	cps
Magnesium	24-2	1025	942	917	961	5.90	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCB92	Instrumnet Name :	P7
Client Sample ID :	CCB92	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 18:20:27	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	53	33	40	28.87	cps
Molybdenum	94-1	892	1042	708	881	18.96	cps
Molybdenum	95-1	1292	1083	983	1120	14.05	cps
Molybdenum	96-1	1342	1025	1133	1167	13.80	cps
Molybdenum	97-1	725	575	508	603	18.41	cps
Molybdenum	98-1	1475	1575	1567	1539	3.61	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	37	43	37	39	9.89	cps
Phosphorus	31-2	75	58	50	61	20.83	cps
Potassium	39-2	11547	11980	12456	11994	3.79	cps
Rhodium	103-1	6199137	6251704	6167006	6205949	0.69	cps
Rhodium	103-2	3063460	3101545	3119144	3094716	0.92	cps
Scandium	45-1	4219254	4220404	4222503	4220720	0.04	cps
Scandium	45-2	194940	195927	196681	195849	0.45	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	28	43	48	40	26.65	cps
Selenium	82-1	93	73	112	93	21.26	cps
Silicon	28-1	101250	101451	99371	100691	1.14	cps
Silver	109-1	175	225	183	194	13.78	cps
Silver	107-1	267	333	275	292	12.45	cps
Sodium	23-2	9337	9453	9420	9403	0.64	cps
Strontium	86-1	408	550	408	456	17.96	cps
Strontium	88-1	283	283	300	289	3.33	cps
Sulfur	34-1	230573	229668	233408	231216	0.84	cps
Terbium	159-1	10305612	10270200	10271148	10282320	0.20	cps
Terbium	159-2	5472022	5489672	5560438	5507377	0.85	cps
Thallium	203-1	492	558	608	553	10.59	cps
Thallium	205-1	1383	1267	1283	1311	4.81	cps
Thorium	232-1	2623	2361	2239	2408	8.13	cps
Tin	118-1	700	717	625	681	7.17	cps
Titanium	47-1	133	92	142	122	21.92	cps
Uranium	238-1	442	533	375	450	17.67	cps
Vanadium	51-2	17	27	27	23	24.74	cps
Yttrium	89-1	7024023	7022371	6996426	7014273	0.22	cps
Yttrium	89-2	1098362	1106480	1117718	1107520	0.88	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCB92	Instrumnet Name :	P7
Client Sample ID :	CCB92	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 18:20:27	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	110	103	137	117	15.12	cps
Zirconium	90-1	858	858	708	808	10.71	cps
Zirconium	91-1	300	258	167	242	28.23	cps

LB Number : LB102841 Operator : Jaswal
 Lab Sample ID : PB119339BL Instrumnet Name : P7
 Client Sample ID : PB119339BL Dilution Factor : 1
 Date & Time Acquired :: 2019-05-17 18:24:04 DataFile Name : 051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	33	42	33	25.01	cps
Antimony	121-1	433	642	642	572	21.02	cps
Arsenic	75-2	7	6	0	4	89.21	cps
Barium	135-1	17	33	50	33	50.00	cps
Barium	137-1	67	42	8	39	75.26	cps
Beryllium	9-1	107	113	110	110	3.03	cps
Bismuth	209-1	6921228	6925075	6946800	6931034	0.20	cps
Bismuth	209-2	4303883	4346582	4347926	4332797	0.58	cps
Boron	10-1	1925	1725	1792	1814	5.61	cps
Boron	11-1	7544	7761	7127	7477	4.31	cps
Cadmium	111-1	1876	1949	2017	1947	3.63	cps
Cadmium	106-1	2650	2759	2842	2750	3.50	cps
Cadmium	108-1	13	4	8	8	49.98	cps
Calcium	43-1	142	100	75	106	31.91	cps
Calcium	44-1	3942	3609	3867	3806	4.60	cps
Chromium	52-2	440	500	473	471	6.38	cps
Cobalt	59-2	50	27	30	36	35.49	cps
Copper	63-2	350	460	310	373	20.81	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	25	17	58	33	66.14	cps
Erbium	164-2	10	17	33	20	60.08	cps
Gadolinium	160-1	83	75	67	75	11.11	cps
Gadolinium	160-2	117	127	117	120	4.81	cps
Holmium	165-1	9853812	9923638	9918753	9898735	0.39	cps
Holmium	165-2	5542761	5597185	5624155	5588033	0.74	cps
Indium	115-1	6781176	6845816	6790133	6805708	0.51	cps
Indium	115-2	1507520	1523782	1527970	1519757	0.71	cps
Iron	56-2	2700	2834	2861	2798	3.08	cps
Iron	57-2	144	106	161	137	20.80	cps
Krypton	83-1	243	227	267	246	8.18	cps
Lead	206-1	378	328	378	361	7.99	cps
Lead	207-1	339	283	378	333	14.24	cps
Lead	208-1	1456	1372	1483	1437	4.02	cps
Lithium	6-1	2206710	2218168	2224183	2216354	0.40	cps
Magnesium	24-2	192	225	308	242	24.87	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	PB119339BL	Instrumnet Name :	P7
Client Sample ID :	PB119339BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 18:24:04	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	20	27	28	30.20	cps
Molybdenum	94-1	400	458	467	442	8.23	cps
Molybdenum	95-1	350	283	425	353	20.09	cps
Molybdenum	96-1	433	375	425	411	7.67	cps
Molybdenum	97-1	267	192	217	225	16.97	cps
Molybdenum	98-1	658	750	783	731	8.86	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	33	37	37	36	5.42	cps
Phosphorus	31-2	58	42	58	53	18.23	cps
Potassium	39-2	12105	11797	11939	11947	1.29	cps
Rhodium	103-1	6087157	6113876	6086374	6095802	0.26	cps
Rhodium	103-2	3063757	3060303	3093212	3072424	0.59	cps
Scandium	45-1	4154943	4191797	4170780	4172507	0.44	cps
Scandium	45-2	194155	196467	193252	194625	0.85	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	48	48	30	42	25.47	cps
Selenium	82-1	167	154	94	138	28.11	cps
Silicon	28-1	102307	98600	99848	100252	1.88	cps
Silver	109-1	92	42	50	61	43.83	cps
Silver	107-1	150	92	150	131	25.80	cps
Sodium	23-2	6076	6277	6202	6185	1.63	cps
Strontium	86-1	417	467	450	444	5.73	cps
Strontium	88-1	67	67	92	75	19.24	cps
Sulfur	34-1	236657	235176	237359	236398	0.47	cps
Terbium	159-1	10098471	10191426	10091110	10127003	0.55	cps
Terbium	159-2	5472972	5445843	5461179	5459998	0.25	cps
Thallium	203-1	400	308	325	344	14.18	cps
Thallium	205-1	792	758	642	731	10.78	cps
Thorium	232-1	1739	1539	1411	1563	10.57	cps
Tin	118-1	525	433	567	508	13.42	cps
Titanium	47-1	125	83	58	89	37.89	cps
Uranium	238-1	67	50	33	50	33.34	cps
Vanadium	51-2	7	20	3	10	88.20	cps
Yttrium	89-1	6943237	6968463	6939357	6950352	0.23	cps
Yttrium	89-2	1093976	1098962	1110101	1101013	0.75	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	PB119339BL	Instrumnet Name :	P7
Client Sample ID :	PB119339BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 18:24:04	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	93	150	133	126	23.19	cps
Zirconium	90-1	692	658	767	706	7.86	cps
Zirconium	91-1	217	125	158	167	27.84	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	PB119339BS	Instrumnet Name :	P7
Client Sample ID :	PB119339BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 18:27:41	DataFile Name :	052LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	667788	665203	662521	665171	0.40	cps
Antimony	121-1	3270895	3228308	3225296	3241499	0.79	cps
Arsenic	75-2	104724	104912	104861	104832	0.09	cps
Barium	135-1	4370909	4333813	4357068	4353930	0.43	cps
Barium	137-1	7733305	7753905	7771988	7753066	0.25	cps
Beryllium	9-1	775365	772571	764692	770876	0.72	cps
Bismuth	209-1	6625242	6624056	6618000	6622433	0.06	cps
Bismuth	209-2	4048509	4105787	4076850	4077049	0.70	cps
Boron	10-1	120703	121880	123484	122022	1.14	cps
Boron	11-1	531248	534092	540267	535202	0.86	cps
Cadmium	111-1	907536	895220	904408	902388	0.71	cps
Cadmium	106-1	104433	104122	101881	103478	1.35	cps
Cadmium	108-1	69252	69206	70009	69489	0.65	cps
Calcium	43-1	994537	1003409	990210	996052	0.68	cps
Calcium	44-1	16526008	16559304	16350601	16478638	0.68	cps
Chromium	52-2	920453	922677	920790	921306	0.13	cps
Cobalt	59-2	1449411	1456947	1442143	1449500	0.51	cps
Copper	63-2	1951210	1959270	1955719	1955399	0.21	cps
Dysprosium	156-1	83	58	100	81	26.03	cps
Dysprosium	156-2	123	100	73	99	25.30	cps
Erbium	164-1	33	33	67	44	43.31	cps
Erbium	164-2	17	23	10	17	39.99	cps
Gadolinium	160-1	33	92	50	58	51.51	cps
Gadolinium	160-2	133	210	120	154	31.45	cps
Holmium	165-1	9737763	9720807	9786254	9748275	0.35	cps
Holmium	165-2	5426764	5478366	5451441	5452190	0.47	cps
Indium	115-1	6395176	6319977	6344543	6353232	0.60	cps
Indium	115-2	1380397	1387779	1394415	1387530	0.51	cps
Iron	56-2	40649759	40843615	40772576	40755317	0.24	cps
Iron	57-2	1003836	1000491	1005830	1003385	0.27	cps
Krypton	83-1	223	250	277	250	10.67	cps
Lead	206-1	3321896	3319574	3318732	3320068	0.05	cps
Lead	207-1	2951295	2915904	2960223	2942474	0.80	cps
Lead	208-1	13425277	13378774	13502821	13435624	0.47	cps
Lithium	6-1	2096491	2081766	2074436	2084231	0.54	cps
Magnesium	24-2	7929538	7887849	7874583	7897323	0.36	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	PB119339BS	Instrumnet Name :	P7
Client Sample ID :	PB119339BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 18:27:41	DataFile Name :	052LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1188597	1191358	1192862	1190939	0.18	cps
Molybdenum	94-1	6551614	6581988	6464749	6532784	0.93	cps
Molybdenum	95-1	7932138	7964560	7871439	7922713	0.60	cps
Molybdenum	96-1	8911548	8839423	8825508	8858826	0.52	cps
Molybdenum	97-1	4867218	4827984	4832369	4842524	0.44	cps
Molybdenum	98-1	12887354	12787344	12786808	12820502	0.45	cps
Neodymium	150-1	487	440	440	456	5.91	cps
Neodymium	150-2	30	60	50	47	32.73	cps
Nickel	60-2	366831	367029	365773	366544	0.18	cps
Phosphorus	31-2	36871	35443	34708	35674	3.08	cps
Potassium	39-2	3598331	3606061	3604124	3602839	0.11	cps
Rhodium	103-1	5542137	5497995	5455710	5498614	0.79	cps
Rhodium	103-2	2740745	2759151	2761410	2753769	0.41	cps
Scandium	45-1	3898482	3905753	3863628	3889288	0.58	cps
Scandium	45-2	178206	179005	178879	178696	0.24	cps
Selenium	77-2	3204	3190	3387	3260	3.37	cps
Selenium	78-2	11067	10912	11345	11108	1.98	cps
Selenium	82-1	67269	66819	66790	66959	0.40	cps
Silicon	28-1	2298314	2311999	2298614	2302976	0.34	cps
Silver	109-1	3859692	3838187	3872526	3856802	0.45	cps
Silver	107-1	3976855	3949083	3966750	3964229	0.35	cps
Sodium	23-2	14780145	14907408	14807545	14831699	0.45	cps
Strontium	86-1	1055639	1055804	1045938	1052460	0.54	cps
Strontium	88-1	9454721	9379571	9376616	9403636	0.47	cps
Sulfur	34-1	570385	568780	568975	569380	0.15	cps
Terbium	159-1	9935215	9931916	9864058	9910396	0.41	cps
Terbium	159-2	5260644	5281444	5260107	5267398	0.23	cps
Thallium	203-1	4084169	4068290	4110058	4087505	0.52	cps
Thallium	205-1	10023515	9945018	10032138	10000224	0.48	cps
Thorium	232-1	15619874	15727906	15516058	15621279	0.68	cps
Tin	118-1	2806488	2771832	2756440	2778253	0.92	cps
Titanium	47-1	2157821	2141346	2124193	2141120	0.79	cps
Uranium	238-1	15344937	15503032	15521203	15456391	0.63	cps
Vanadium	51-2	749040	754121	752411	751858	0.34	cps
Yttrium	89-1	6635165	6579099	6566309	6593524	0.56	cps
Yttrium	89-2	1021323	1021588	1021046	1021319	0.03	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	PB119339BS	Instrumnet Name :	P7
Client Sample ID :	PB119339BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 18:27:41	DataFile Name :	052LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	334204	334502	338046	335584	0.64	cps
Zirconium	90-1	5602625	5539516	5592289	5578143	0.61	cps
Zirconium	91-1	1221520	1210018	1205771	1212436	0.67	cps

LB Number : LB102841 Operator : Jaswal
 Lab Sample ID : PB119340BL Instrumnet Name : P7
 Client Sample ID : PB119340BL Dilution Factor : 1
 Date & Time Acquired :: 2019-05-17 18:36:10 DataFile Name : 053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	25	25	19	49.50	cps
Antimony	121-1	1375	1242	1242	1286	5.99	cps
Arsenic	75-2	13	7	6	9	44.56	cps
Barium	135-1	67	75	58	67	12.49	cps
Barium	137-1	100	100	92	97	4.95	cps
Beryllium	9-1	100	160	117	126	24.67	cps
Bismuth	209-1	6996084	6957584	6944637	6966102	0.38	cps
Bismuth	209-2	3648398	3852941	4319993	3940444	8.74	cps
Boron	10-1	1917	2200	2084	2067	6.89	cps
Boron	11-1	8911	8644	8411	8656	2.89	cps
Cadmium	111-1	1958	1804	1694	1818	7.31	cps
Cadmium	106-1	2784	2517	2392	2564	7.80	cps
Cadmium	108-1	4	0	8	4	99.96	cps
Calcium	43-1	108	117	50	92	39.63	cps
Calcium	44-1	3826	3951	3884	3887	1.61	cps
Chromium	52-2	420	317	450	396	17.68	cps
Cobalt	59-2	47	93	67	69	33.99	cps
Copper	63-2	277	397	340	338	17.77	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	17	17	50	28	69.27	cps
Erbium	164-2	7	20	20	16	49.47	cps
Gadolinium	160-1	42	25	8	25	66.68	cps
Gadolinium	160-2	100	127	103	110	13.21	cps
Holmium	165-1	9901881	9836953	9841878	9860237	0.37	cps
Holmium	165-2	4672217	4939439	5556767	5056141	8.97	cps
Indium	115-1	6757242	6703915	6737561	6732906	0.40	cps
Indium	115-2	1263226	1333859	1506563	1367883	9.15	cps
Iron	56-2	2528	2917	2961	2802	8.51	cps
Iron	57-2	100	100	128	109	14.68	cps
Krypton	83-1	287	293	280	287	2.32	cps
Lead	206-1	433	278	394	369	21.97	cps
Lead	207-1	322	389	344	352	9.65	cps
Lead	208-1	1511	1439	1506	1485	2.71	cps
Lithium	6-1	2170413	2166291	2162012	2166239	0.19	cps
Magnesium	24-2	233	283	167	228	25.70	cps

LB Number : LB102841 Operator : Jaswal
 Lab Sample ID : PB119340BL Instrumnet Name : P7
 Client Sample ID : PB119340BL Dilution Factor : 1
 Date & Time Acquired :: 2019-05-17 18:36:10 DataFile Name : 053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	33	57	42	29.89	cps
Molybdenum	94-1	608	675	492	592	15.68	cps
Molybdenum	95-1	758	583	575	639	16.21	cps
Molybdenum	96-1	900	775	642	772	16.73	cps
Molybdenum	97-1	358	367	358	361	1.33	cps
Molybdenum	98-1	975	975	858	936	7.20	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	47	27	43	39	27.55	cps
Phosphorus	31-2	42	33	50	42	20.00	cps
Potassium	39-2	11255	11939	11088	11427	3.95	cps
Rhodium	103-1	6017884	5992106	5973518	5994503	0.37	cps
Rhodium	103-2	2543847	2708284	3035692	2762608	9.06	cps
Scandium	45-1	4085916	4055964	4084974	4075618	0.42	cps
Scandium	45-2	159903	167217	189651	172257	9.00	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	28	44	50	41	28.38	cps
Selenium	82-1	61	71	79	71	12.60	cps
Silicon	28-1	96544	96275	98524	97114	1.26	cps
Silver	109-1	100	125	83	103	20.41	cps
Silver	107-1	142	133	192	156	20.28	cps
Sodium	23-2	4793	4976	4809	4859	2.09	cps
Strontium	86-1	542	392	442	458	16.66	cps
Strontium	88-1	183	183	167	178	5.41	cps
Sulfur	34-1	227258	225258	226362	226293	0.44	cps
Terbium	159-1	10166426	10071413	10164041	10133960	0.53	cps
Terbium	159-2	4544984	4834310	5435227	4938174	9.20	cps
Thallium	203-1	425	375	275	358	21.32	cps
Thallium	205-1	725	908	892	842	12.05	cps
Thorium	232-1	1567	1511	1450	1509	3.87	cps
Tin	118-1	650	517	792	653	21.07	cps
Titanium	47-1	167	117	92	125	30.55	cps
Uranium	238-1	150	142	133	142	5.88	cps
Vanadium	51-2	7	10	17	11	45.82	cps
Yttrium	89-1	6872694	6885082	6872831	6876869	0.10	cps
Yttrium	89-2	909203	970568	1078835	986202	8.71	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	PB119340BL	Instrumnet Name :	P7
Client Sample ID :	PB119340BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 18:36:10	DataFile Name :	053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	113	127	103	114	10.23	cps
Zirconium	90-1	683	675	642	667	3.31	cps
Zirconium	91-1	142	100	125	122	17.16	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	PB119340BS	Instrumnet Name :	P7
Client Sample ID :	PB119340BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 18:45:04	DataFile Name :	055LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	678820	666890	657049	667586	1.63	cps
Antimony	121-1	3200797	3225196	3176250	3200747	0.76	cps
Arsenic	75-2	105641	104335	103847	104608	0.89	cps
Barium	135-1	4339386	4340846	4267957	4316063	0.97	cps
Barium	137-1	7732815	7706683	7620547	7686682	0.76	cps
Beryllium	9-1	770494	770153	763831	768160	0.49	cps
Bismuth	209-1	6542927	6600512	6564058	6569166	0.44	cps
Bismuth	209-2	3980348	4025466	4039889	4015234	0.77	cps
Boron	10-1	119201	123887	125239	122776	2.58	cps
Boron	11-1	532062	537452	542520	537345	0.97	cps
Cadmium	111-1	889488	896320	888532	891447	0.48	cps
Cadmium	106-1	101429	102770	101152	101784	0.85	cps
Cadmium	108-1	68477	67636	69118	68410	1.09	cps
Calcium	43-1	992067	986092	983928	987362	0.43	cps
Calcium	44-1	16367877	16467124	16311865	16382289	0.48	cps
Chromium	52-2	926972	916079	910281	917778	0.92	cps
Cobalt	59-2	1464871	1450485	1440457	1451938	0.85	cps
Copper	63-2	1963372	1943912	1929384	1945556	0.88	cps
Dysprosium	156-1	75	92	100	89	14.33	cps
Dysprosium	156-2	90	107	113	103	11.63	cps
Erbium	164-1	58	50	67	58	14.29	cps
Erbium	164-2	20	30	13	21	39.75	cps
Gadolinium	160-1	83	50	67	67	25.00	cps
Gadolinium	160-2	103	140	170	138	24.23	cps
Holmium	165-1	9751964	9722415	9722861	9732413	0.17	cps
Holmium	165-2	5378608	5392422	5360296	5377109	0.30	cps
Indium	115-1	6287609	6343032	6251854	6294165	0.73	cps
Indium	115-2	1375788	1385351	1378606	1379915	0.36	cps
Iron	56-2	41113451	40505606	40560015	40726357	0.83	cps
Iron	57-2	1014250	993891	992330	1000157	1.22	cps
Krypton	83-1	243	270	270	261	5.90	cps
Lead	206-1	3276768	3302422	3265662	3281617	0.57	cps
Lead	207-1	2885257	2906456	2866948	2886220	0.69	cps
Lead	208-1	13226350	13357711	13241827	13275296	0.54	cps
Lithium	6-1	2089007	2083575	2065725	2079436	0.59	cps
Magnesium	24-2	7900426	7826619	7832109	7853051	0.52	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	PB119340BS	Instrumnet Name :	P7
Client Sample ID :	PB119340BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 18:45:04	DataFile Name :	055LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1204475	1190238	1184024	1192912	0.88	cps
Molybdenum	94-1	6518434	6512680	6422191	6484435	0.83	cps
Molybdenum	95-1	7903670	7946780	7874065	7908172	0.46	cps
Molybdenum	96-1	8830166	8816399	8782911	8809826	0.28	cps
Molybdenum	97-1	4864423	4826361	4773040	4821275	0.95	cps
Molybdenum	98-1	12794128	12771578	12735160	12766956	0.23	cps
Neodymium	150-1	440	353	440	411	12.17	cps
Neodymium	150-2	77	50	40	56	34.12	cps
Nickel	60-2	370334	363686	365945	366655	0.92	cps
Phosphorus	31-2	35009	35184	34499	34897	1.02	cps
Potassium	39-2	3645404	3588636	3564350	3599463	1.16	cps
Rhodium	103-1	5542202	5398054	5352956	5431071	1.82	cps
Rhodium	103-2	2729942	2756216	2754951	2747036	0.54	cps
Scandium	45-1	3842721	3846473	3815554	3834916	0.44	cps
Scandium	45-2	177412	176903	176373	176896	0.29	cps
Selenium	77-2	3200	3214	3147	3187	1.11	cps
Selenium	78-2	11097	10910	10982	10996	0.86	cps
Selenium	82-1	66258	66676	66039	66324	0.49	cps
Silicon	28-1	2274441	2286820	2302694	2287985	0.62	cps
Silver	109-1	3813475	3792922	3768272	3791557	0.60	cps
Silver	107-1	3965858	3936594	3915711	3939388	0.64	cps
Sodium	23-2	15003804	14859051	14867274	14910043	0.55	cps
Strontium	86-1	1057820	1051935	1043161	1050972	0.70	cps
Strontium	88-1	9371256	9402668	9316061	9363329	0.47	cps
Sulfur	34-1	564799	558284	553558	558881	1.01	cps
Terbium	159-1	9939490	9840979	9882713	9887728	0.50	cps
Terbium	159-2	5179999	5263926	5243596	5229173	0.84	cps
Thallium	203-1	4057510	4072045	4082439	4070665	0.31	cps
Thallium	205-1	9806880	9932873	9829774	9856509	0.68	cps
Thorium	232-1	15599644	15592977	15324934	15505852	1.01	cps
Tin	118-1	2744125	2756988	2723234	2741449	0.62	cps
Titanium	47-1	2128341	2129462	2098077	2118627	0.84	cps
Uranium	238-1	15249237	15385516	15051075	15228609	1.10	cps
Vanadium	51-2	758598	752602	745428	752209	0.88	cps
Yttrium	89-1	6590338	6548595	6500227	6546387	0.69	cps
Yttrium	89-2	1015924	1018358	1017142	1017141	0.12	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	PB119340BS	Instrumnet Name :	P7
Client Sample ID :	PB119340BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 18:45:04	DataFile Name :	055LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	338894	332226	330051	333724	1.38	cps
Zirconium	90-1	5577904	5543980	5451518	5524467	1.18	cps
Zirconium	91-1	1208886	1206798	1195068	1203584	0.62	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCV93	Instrumnet Name :	P7
Client Sample ID :	CCV93	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 18:48:42	DataFile Name :	056CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3641946	3638244	3651821	3644004	0.19	cps
Antimony	121-1	3048453	3036522	3015195	3033390	0.56	cps
Arsenic	75-2	99679	101141	101298	100706	0.89	cps
Barium	135-1	4194830	4212835	4164022	4190563	0.59	cps
Barium	137-1	7501149	7474258	7476928	7484112	0.20	cps
Beryllium	9-1	735258	730620	731400	732426	0.34	cps
Bismuth	209-1	6033018	5974089	6022507	6009871	0.52	cps
Bismuth	209-2	3688894	3708478	3716216	3704529	0.38	cps
Boron	10-1	121291	122904	123602	122599	0.97	cps
Boron	11-1	531781	532334	534159	532758	0.23	cps
Cadmium	111-1	887483	887403	880875	885253	0.43	cps
Cadmium	106-1	101360	100765	102117	101414	0.67	cps
Cadmium	108-1	67163	68146	66987	67432	0.93	cps
Calcium	43-1	4759394	4709179	4729849	4732807	0.53	cps
Calcium	44-1	77733181	77006935	77592058	77444058	0.50	cps
Chromium	52-2	884499	891088	896461	890683	0.67	cps
Cobalt	59-2	1381340	1384942	1374918	1380400	0.37	cps
Copper	63-2	1968435	1977551	1995689	1980558	0.70	cps
Dysprosium	156-1	183	108	92	128	38.21	cps
Dysprosium	156-2	143	110	143	132	14.56	cps
Erbium	164-1	83	50	92	75	29.40	cps
Erbium	164-2	60	50	27	46	37.54	cps
Gadolinium	160-1	108	92	92	97	9.90	cps
Gadolinium	160-2	150	133	173	152	13.20	cps
Holmium	165-1	9509061	9487293	9452499	9482951	0.30	cps
Holmium	165-2	5244112	5307559	5285349	5279007	0.61	cps
Indium	115-1	5941804	5924572	5920946	5929107	0.19	cps
Indium	115-2	1304661	1307588	1314623	1308957	0.39	cps
Iron	56-2	198275310	199591143	199780171	199215541	0.41	cps
Iron	57-2	4936535	4932967	4930657	4933386	0.06	cps
Krypton	83-1	230	320	290	280	16.37	cps
Lead	206-1	3134096	3168424	3149096	3150539	0.55	cps
Lead	207-1	2777863	2765678	2782228	2775256	0.31	cps
Lead	208-1	12670911	12702515	12739073	12704166	0.27	cps
Lithium	6-1	2003176	1996212	1993288	1997558	0.25	cps
Magnesium	24-2	37531207	37616065	37583365	37576879	0.11	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCV93	Instrumnet Name :	P7
Client Sample ID :	CCV93	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 18:48:42	DataFile Name :	056CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1141619	1149194	1152910	1147907	0.50	cps
Molybdenum	94-1	6314267	6347233	6302581	6321360	0.37	cps
Molybdenum	95-1	7694826	7639054	7714798	7682892	0.51	cps
Molybdenum	96-1	8556764	8483531	8525674	8521990	0.43	cps
Molybdenum	97-1	4699396	4702092	4696575	4699354	0.06	cps
Molybdenum	98-1	12416047	12273575	12341943	12343855	0.58	cps
Neodymium	150-1	447	513	453	471	7.79	cps
Neodymium	150-2	57	77	97	77	26.09	cps
Nickel	60-2	340186	342042	341831	341353	0.30	cps
Phosphorus	31-2	34399	34065	33606	34023	1.17	cps
Potassium	39-2	18362141	18501682	18433827	18432550	0.38	cps
Rhodium	103-1	4951732	4947615	4922263	4940537	0.32	cps
Rhodium	103-2	2532129	2528538	2520530	2527066	0.23	cps
Scandium	45-1	3699685	3700931	3691415	3697343	0.14	cps
Scandium	45-2	172599	174652	174116	173789	0.61	cps
Selenium	77-2	2924	3097	2844	2955	4.38	cps
Selenium	78-2	10341	10632	10513	10495	1.39	cps
Selenium	82-1	62681	62864	62932	62826	0.21	cps
Silicon	28-1	2394785	2418136	2417742	2410221	0.55	cps
Silver	109-1	3771314	3766809	3749864	3762662	0.30	cps
Silver	107-1	3905215	3924924	3881090	3903743	0.56	cps
Sodium	23-2	72432410	73549864	72640539	72874271	0.82	cps
Strontium	86-1	1014822	1009944	1013712	1012826	0.25	cps
Strontium	88-1	9052737	9034641	9068179	9051852	0.19	cps
Sulfur	34-1	550331	547528	547481	548446	0.30	cps
Terbium	159-1	9673487	9645525	9553112	9624041	0.65	cps
Terbium	159-2	5081528	5127259	5095310	5101365	0.46	cps
Thallium	203-1	3914479	3896287	3889123	3899963	0.34	cps
Thallium	205-1	9504790	9480299	9581478	9522189	0.55	cps
Thorium	232-1	15403093	15420011	15444335	15422480	0.13	cps
Tin	118-1	2635053	2636004	2632836	2634631	0.06	cps
Titanium	47-1	2078618	2069480	2060375	2069491	0.44	cps
Uranium	238-1	15165430	15202385	15297186	15221667	0.45	cps
Vanadium	51-2	737749	743340	737669	739586	0.44	cps
Yttrium	89-1	6282484	6226103	6290239	6266275	0.56	cps
Yttrium	89-2	982949	998276	994533	991919	0.81	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCV93	Instrumnet Name :	P7
Client Sample ID :	CCV93	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 18:48:42	DataFile Name :	056CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	342831	346196	344852	344627	0.49	cps
Zirconium	90-1	5417398	5437154	5440458	5431670	0.23	cps
Zirconium	91-1	1179307	1174616	1171141	1175021	0.35	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCB93	Instrumnet Name :	P7
Client Sample ID :	CCB93	Dilution Factor :	1
Date & Time Acquired ::	2019-05-17 18:56:04	DataFile Name :	057CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	75	75	78	6.19	cps
Antimony	121-1	1592	1600	1975	1722	12.71	cps
Arsenic	75-2	6	9	13	9	39.96	cps
Barium	135-1	50	92	83	75	29.40	cps
Barium	137-1	167	192	117	158	24.12	cps
Beryllium	9-1	160	210	143	171	20.28	cps
Bismuth	209-1	6932482	6926497	6969260	6942746	0.33	cps
Bismuth	209-2	4329032	4317705	4365614	4337450	0.58	cps
Boron	10-1	2917	3284	2959	3053	6.58	cps
Boron	11-1	14032	13690	13181	13635	3.14	cps
Cadmium	111-1	1911	1796	1764	1824	4.25	cps
Cadmium	106-1	2667	2500	2459	2542	4.34	cps
Cadmium	108-1	8	13	4	8	49.98	cps
Calcium	43-1	117	150	117	128	15.06	cps
Calcium	44-1	5435	5059	5026	5173	4.39	cps
Chromium	52-2	400	367	497	421	16.03	cps
Cobalt	59-2	23	63	47	44	45.21	cps
Copper	63-2	430	423	380	411	6.60	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	25	58	42	42	40.00	cps
Erbium	164-2	10	10	10	10	0.00	cps
Gadolinium	160-1	25	42	83	50	60.09	cps
Gadolinium	160-2	143	133	107	128	14.83	cps
Holmium	165-1	9866137	9917035	9884055	9889076	0.26	cps
Holmium	165-2	5617259	5591072	5638841	5615724	0.43	cps
Indium	115-1	6763571	6767051	6862648	6797757	0.83	cps
Indium	115-2	1533729	1506888	1529297	1523304	0.94	cps
Iron	56-2	5062	5012	5145	5073	1.33	cps
Iron	57-2	106	189	117	137	33.02	cps
Krypton	83-1	307	293	280	293	4.54	cps
Lead	206-1	500	633	550	561	12.01	cps
Lead	207-1	589	417	489	498	17.36	cps
Lead	208-1	2317	2217	2206	2246	2.72	cps
Lithium	6-1	2218368	2216216	2233199	2222594	0.42	cps
Magnesium	24-2	692	683	525	633	14.83	cps

LB Number :	LB102841	Operator :	Jaswal
Lab Sample ID :	CCB93	Instrumnet Name :	P7
Client Sample ID :	CCB93	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	30	30	47	36	27.07	cps
Molybdenum	94-1	808	767	675	750	9.09	cps
Molybdenum	95-1	892	1067	692	883	21.24	cps
Molybdenum	96-1	1308	1125	950	1128	15.89	cps
Molybdenum	97-1	683	508	683	625	16.17	cps
Molybdenum	98-1	1684	1475	1333	1497	11.76	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	30	30	27	29	6.65	cps
Phosphorus	31-2	58	92	67	72	24.02	cps
Potassium	39-2	11955	11864	12322	12047	2.01	cps
Rhodium	103-1	6080691	6076532	6109613	6088945	0.30	cps
Rhodium	103-2	3088809	3063137	3119653	3090533	0.92	cps
Scandium	45-1	4168669	4140462	4151367	4153499	0.34	cps
Scandium	45-2	194485	194177	195360	194674	0.32	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	37	50	44	44	14.84	cps
Selenium	82-1	28	103	99	77	55.13	cps
Silicon	28-1	101745	100109	101870	101241	0.97	cps
Silver	109-1	183	167	275	208	28.00	cps
Silver	107-1	225	267	350	281	22.69	cps
Sodium	23-2	12322	12097	11530	11983	3.41	cps
Strontium	86-1	417	442	425	428	2.98	cps
Strontium	88-1	208	217	183	203	8.56	cps
Sulfur	34-1	229397	232208	232605	231403	0.76	cps
Terbium	159-1	10091157	10228507	10186099	10168588	0.69	cps
Terbium	159-2	5453390	5451455	5486998	5463948	0.37	cps
Thallium	203-1	425	567	567	519	15.75	cps
Thallium	205-1	1383	1317	1342	1347	2.50	cps
Thorium	232-1	1006	983	939	976	3.48	cps
Tin	118-1	775	808	833	806	3.63	cps
Titanium	47-1	125	108	125	119	8.06	cps
Uranium	238-1	242	167	258	222	21.97	cps
Vanadium	51-2	20	30	23	24	20.83	cps
Yttrium	89-1	6927667	6938668	7001853	6956062	0.58	cps
Yttrium	89-2	1105877	1090866	1115801	1104181	1.14	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	140	153	147	147	4.55	cps
Zirconium	90-1	733	750	650	711	7.53	cps
Zirconium	91-1	142	117	133	131	9.75	cps